

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000360.D
 Acq On : 22 Oct 2019 13:18
 Operator : SY/MD
 Sample : VY1022SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:34:09 PM

Quant Time: Oct 23 08:15:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	441152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194343	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	143891	50.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.04%	
35) Dibromofluoromethane	7.73	113	135746	51.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.02%	
50) Toluene-d8	10.19	98	539233	52.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.49	95	193243	49.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	51795	21.829	ug/l	96
3) Chloromethane	2.12	50	69694	21.123	ug/l	98
4) Vinyl Chloride	2.26	62	69456	20.858	ug/l	96
5) Bromomethane	2.64	94	50956	20.648	ug/l	94
6) Chloroethane	2.79	64	44700	20.805	ug/l	100
7) Trichlorofluoromethane	3.13	101	94332	20.710	ug/l	99
8) Diethyl Ether	3.54	74	33023	20.522	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	59048	21.376	ug/l	98
10) Methyl Iodide	4.10	142	74822	19.751	ug/l	99
11) Tert butyl alcohol	4.97	59	27264	91.469	ug/l	97
12) 1,1-Dichloroethene	3.88	96	56634	20.767	ug/l	87
13) Acrolein	3.74	56	26867	76.883	ug/l	100
14) Allyl chloride	4.49	41	90736	20.078	ug/l	99
15) Acrylonitrile	5.18	53	85472	94.900	ug/l	97
16) Acetone	3.96	43	69932	75.817	ug/l	95
17) Carbon Disulfide	4.19	76	169161	19.701	ug/l	98
18) Methyl Acetate	4.49	43	43900	19.156	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	158864	20.926	ug/l	99
20) Methylene Chloride	4.72	84	69189	18.880	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	63885	20.419	ug/l #	91
22) Diisopropyl ether	6.13	45	202431	21.179	ug/l	97
23) Vinyl Acetate	6.08	43	633286	101.558	ug/l	100
24) 1,1-Dichloroethane	6.04	63	108919	20.877	ug/l	99
25) 2-Butanone	7.00	43	120999	93.124	ug/l	95
26) 2,2-Dichloropropane	7.00	77	105331	21.910	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	73013	21.566	ug/l	96
28) Bromochloromethane	7.34	49	42542	18.995	ug/l #	16
29) Tetrahydrofuran	7.36	42	76411	97.037	ug/l	98
30) Chloroform	7.52	83	110617	21.053	ug/l	97
31) Cyclohexane	7.80	56	110388	20.258	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	95872	20.524	ug/l	99
36) 1,1-Dichloropropene	7.93	75	88170	20.414	ug/l	99
37) Ethyl Acetate	7.09	43	51452	20.118	ug/l	99
38) Carbon Tetrachloride	7.91	117	85753	20.505	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	112767	19.948	ug/l	96
40) Benzene	8.17	78	257956	20.666	ug/l	99
41) Methacrylonitrile	7.33	41	27663m	22.724	ug/l	
42) 1,2-Dichloroethane	8.25	62	75415	21.152	ug/l	99
43) Isopropyl Acetate	8.28	43	95223	19.582	ug/l	98
44) Trichloroethene	8.95	130	71846	20.514	ug/l	99
45) 1,2-Dichloropropane	9.22	63	66237	21.624	ug/l	98
46) Dibromomethane	9.32	93	35214	20.565	ug/l	99
47) Bromodichloromethane	9.50	83	84382	20.910	ug/l	94
48) Methyl methacrylate	9.30	41	41739	19.585	ug/l	97
49) 1,4-Dioxane	9.32	88	9339	363.750	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	256027	102.080	ug/l	100
52) Toluene	10.25	92	165465	20.880	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89781	20.760	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	102216	20.812	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	52407	21.050	ug/l	95
56) Ethyl methacrylate	10.52	69	71073	20.028	ug/l	96
57) 1,3-Dichloropropane	10.80	76	90719	21.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	173419	122.518	ug/l	99
59) 2-Hexanone	10.84	43	184016	104.527	ug/l	100
60) Dibromochloromethane	10.99	129	58398	21.163	ug/l	97
61) 1,2-Dibromoethane	11.10	107	48881	20.448	ug/l	99
64) Tetrachloroethene	10.72	164	79041	21.119	ug/l	96
65) Chlorobenzene	11.52	112	177056	21.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	61458	21.087	ug/l	99
67) Ethyl Benzene	11.60	91	319769	20.791	ug/l	96
68) m/p-Xylenes	11.70	106	242384	41.225	ug/l	99
69) o-Xylene	12.03	106	118404	21.110	ug/l	98
70) Styrene	12.05	104	195681	20.686	ug/l	99
71) Bromoform	12.21	173	35001	20.891	ug/l #	100
73) Isopropylbenzene	12.33	105	310843	20.513	ug/l	99
74) N-amyl acetate	12.14	43	86295	23.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	56293	19.785	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	47999m	20.085	ug/l	
77) Bromobenzene	12.61	156	70333	20.858	ug/l	97
78) n-propylbenzene	12.67	91	376684	20.704	ug/l	100
79) 2-Chlorotoluene	12.76	91	211078	21.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	263147	20.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21385	19.579	ug/l	99
82) 4-Chlorotoluene	12.86	91	221741	20.877	ug/l	100
83) tert-Butylbenzene	13.08	119	222567	20.684	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	265307	21.155	ug/l	99
85) sec-Butylbenzene	13.25	105	323046	20.753	ug/l	98
86) p-Isopropyltoluene	13.37	119	288970	21.293	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	137781	20.738	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	139156	20.955	ug/l	99
89) n-Butylbenzene	13.70	91	280686	20.929	ug/l	99
90) Hexachloroethane	13.96	117	52507	20.894	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	127677	21.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10748	19.918	ug/l	95

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

Manual Integrations
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Quant Time: Oct 23 08:15:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90564	21.634	ug/l	97
94) Hexachlorobutadiene	15.11	225	47504	20.969	ug/l	98
95) Naphthalene	15.23	128	196199	21.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79160	20.982	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

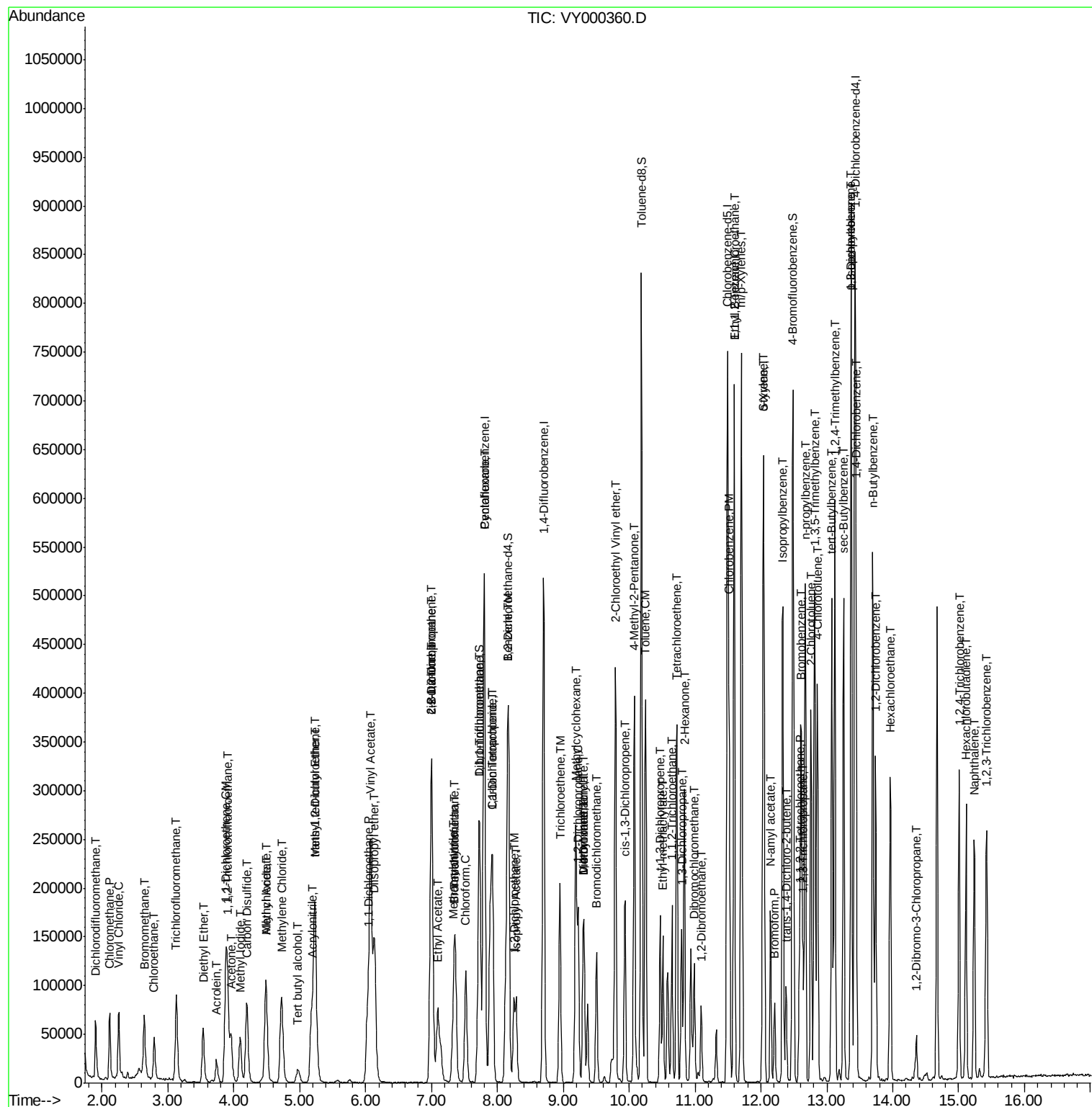
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 Data File : VY000360.D
 Acq On : 22 Oct 2019 13:18
 Operator : SY/MD
 Sample : VY1022SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

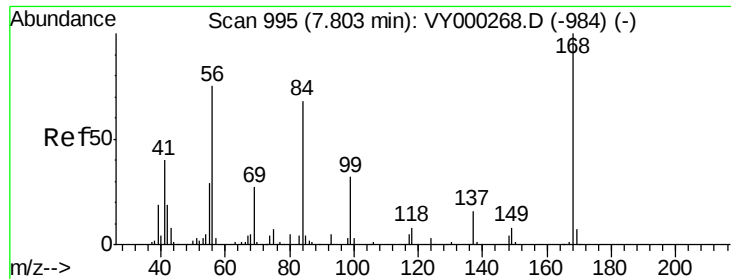
Instrument :
 MSVOA_Y
 Client Sample Id :
 VY1022SBSD01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 168 Resp: 270013

Ion Ratio Lower Upper

168 100

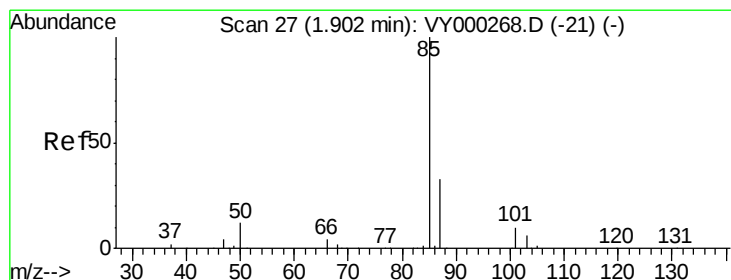
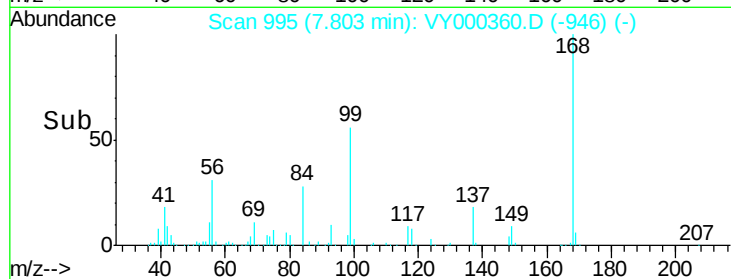
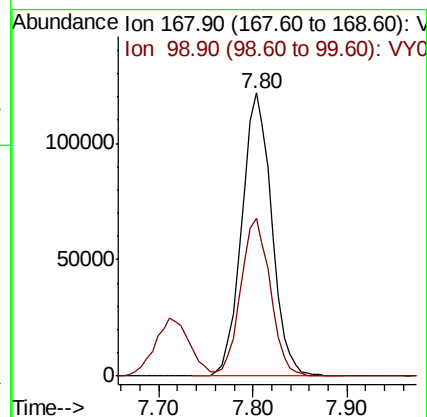
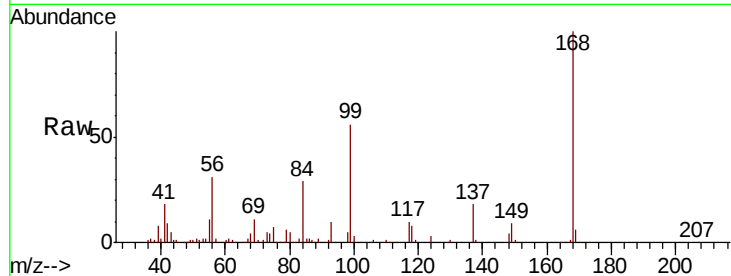
99 55.7 46.6 69.8

Manual Integrations

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10/24/2019 4:34:09 PM



#2

Dichlorodifluoromethane

Concen: 21.829 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000360.D

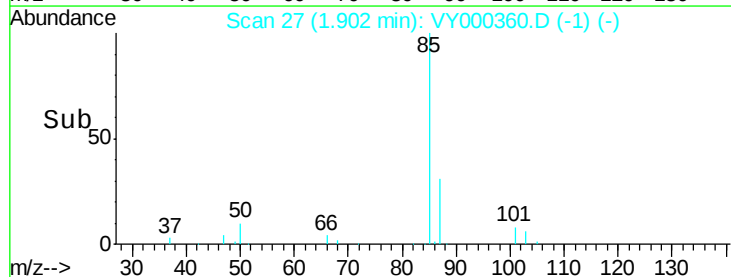
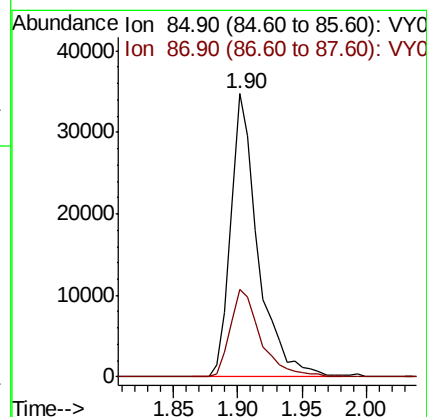
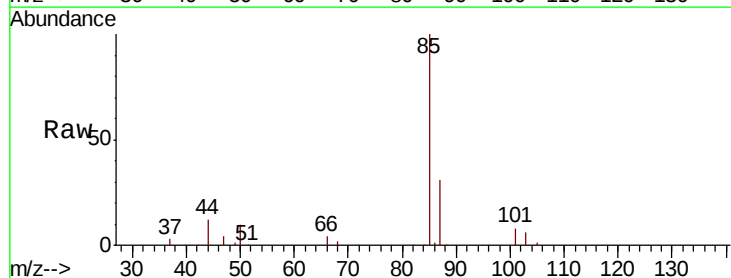
Acq: 22 Oct 2019 13:18

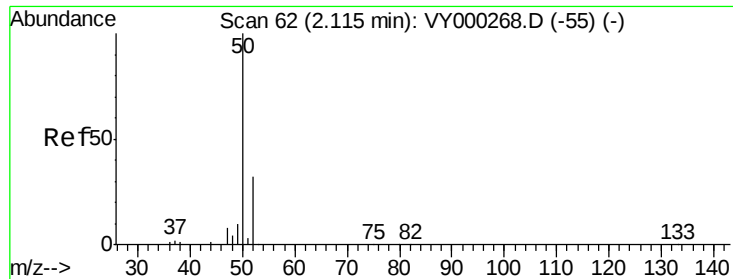
Tgt Ion: 85 Resp: 51795

Ion Ratio Lower Upper

85 100

87 30.8 16.6 49.8





#3

Chloromethane

Concen: 21.123 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 50 Resp: 69694

Ion Ratio Lower Upper

50 100

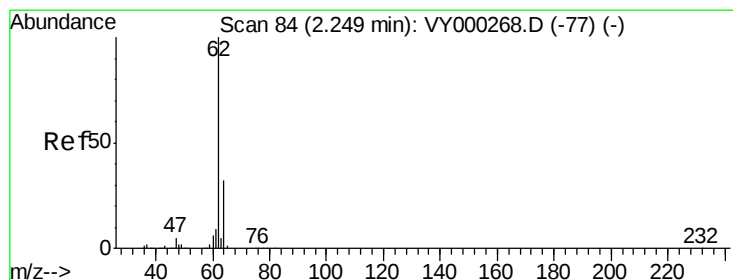
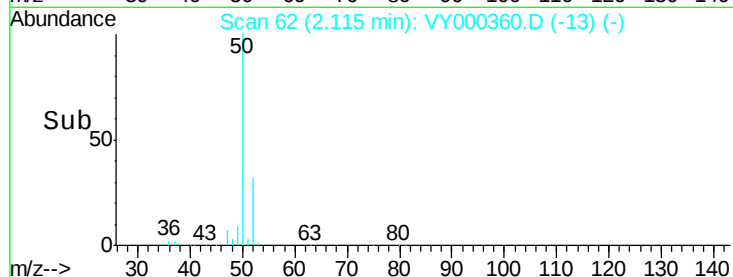
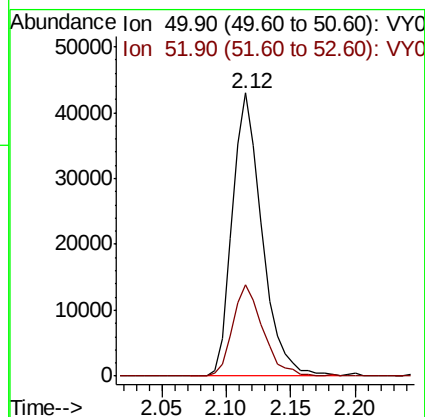
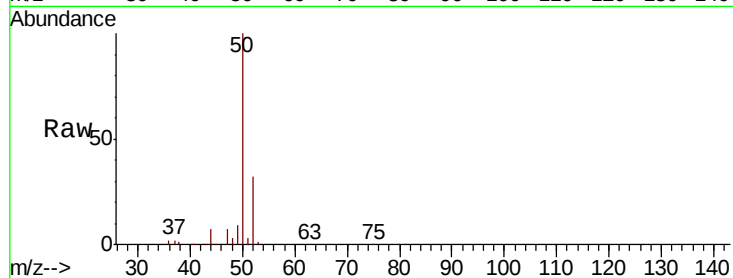
52 32.5 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.858 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000360.D

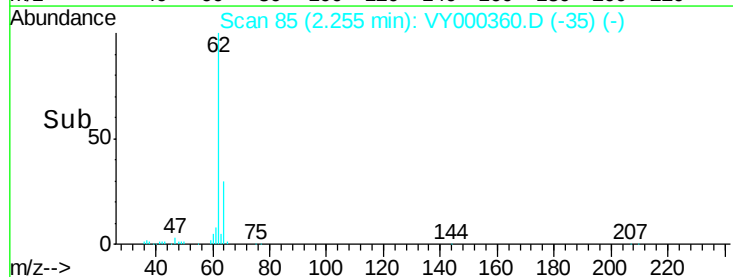
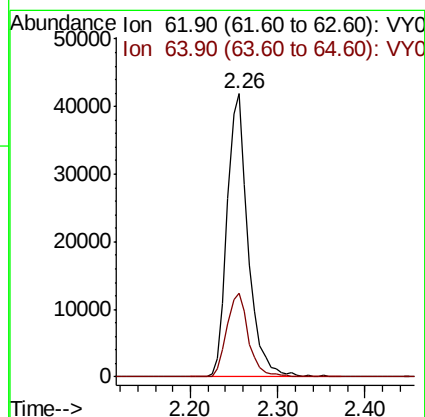
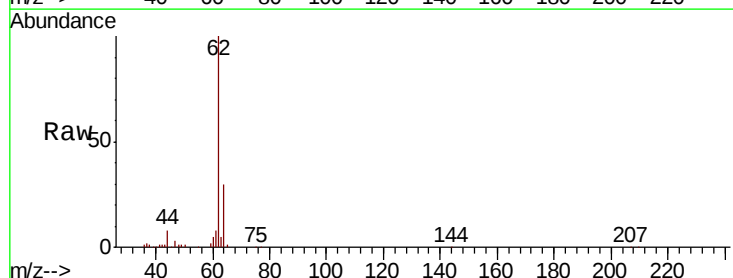
Acq: 22 Oct 2019 13:18

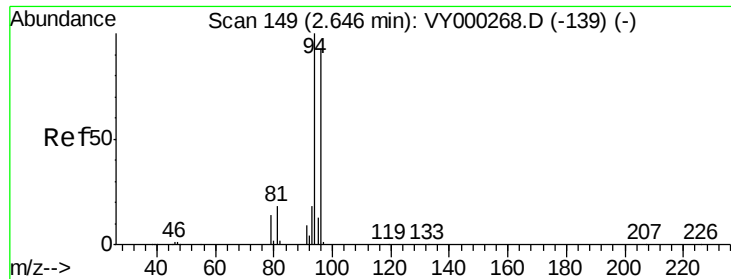
Tgt Ion: 62 Resp: 69456

Ion Ratio Lower Upper

62 100

64 29.6 25.6 38.4





#5

Bromomethane

Concen: 20.648 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 94 Resp: 50956

Ion Ratio Lower Upper

94 100

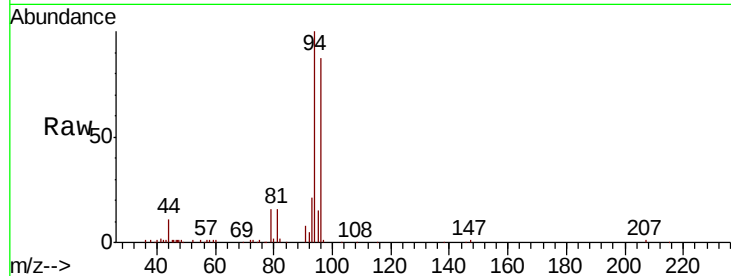
96 87.3 74.2 111.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

10000

5000

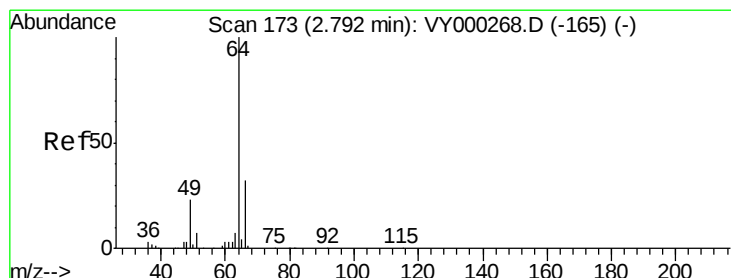
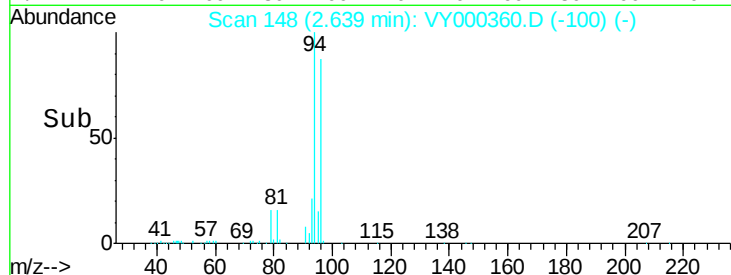
0

2.60

2.70

2.80

Time-->



#6

Chloroethane

Concen: 20.805 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000360.D

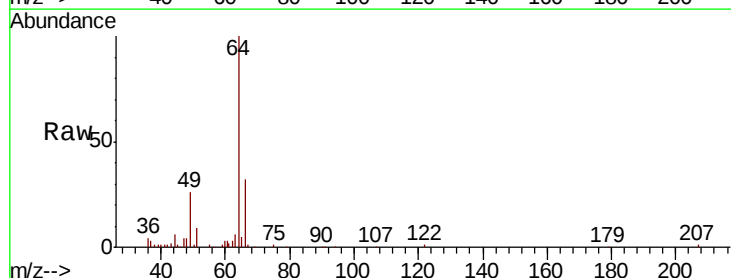
Acq: 22 Oct 2019 13:18

Tgt Ion: 64 Resp: 44700

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

10000

5000

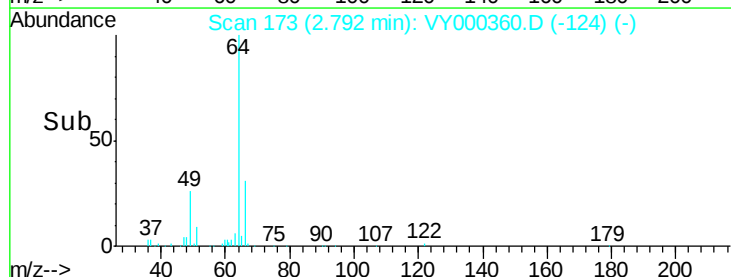
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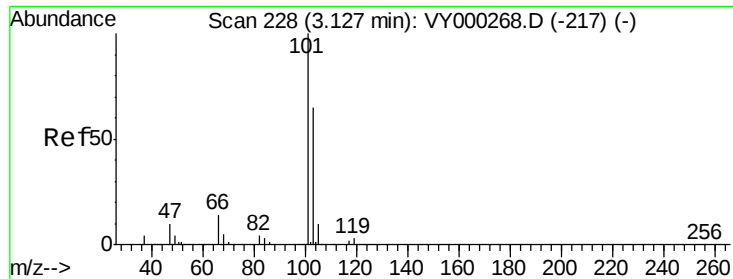
2.70

2.80

2.90

Time-->





#7

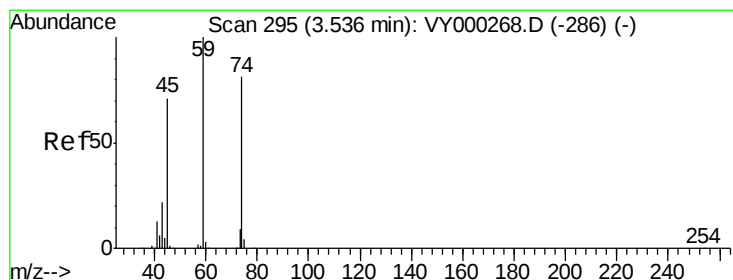
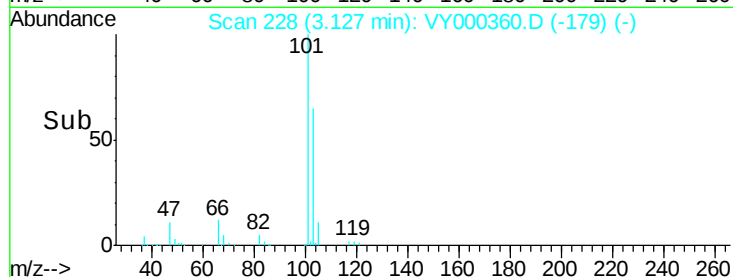
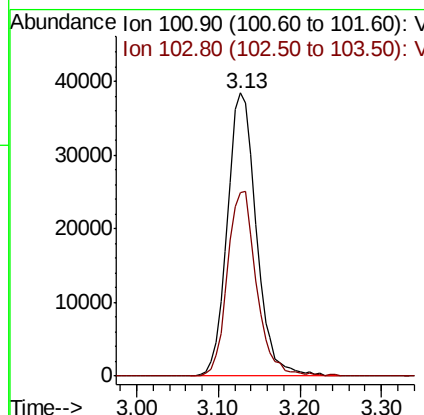
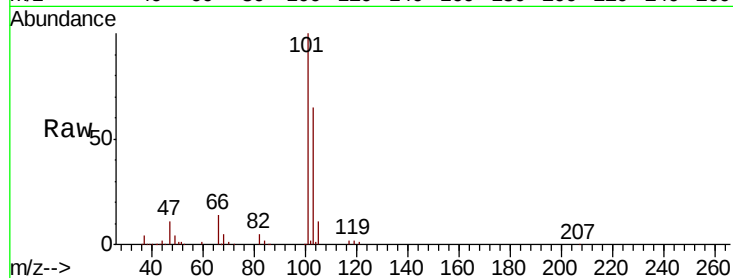
Trichlorofluoromethane
 Concen: 20.710 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
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 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4

Manual Integrations
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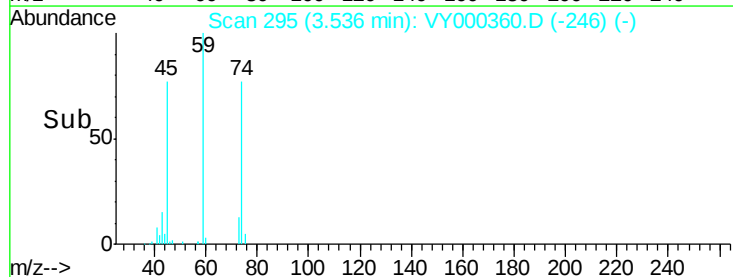
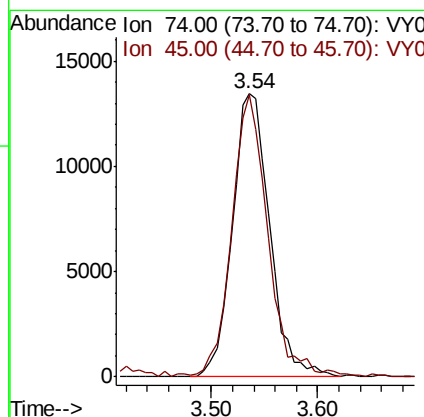
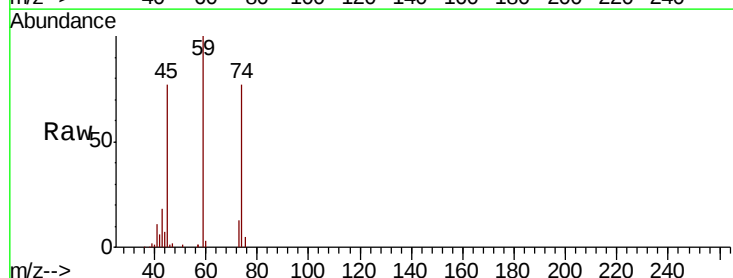
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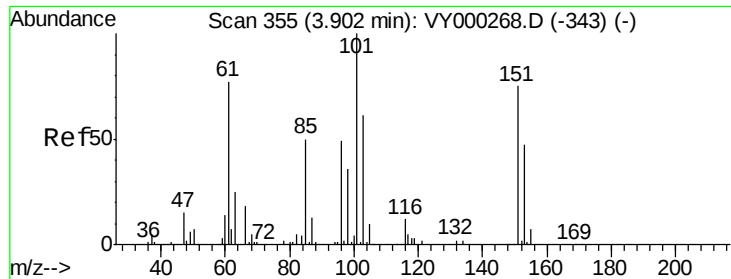


#8

Diethyl Ether
 Concen: 20.522 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.376 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

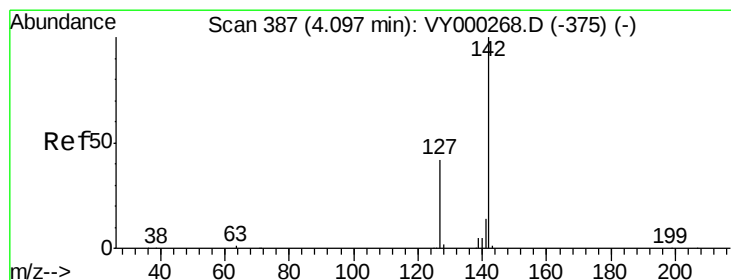
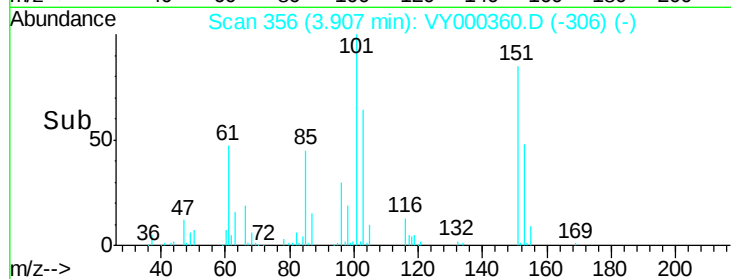
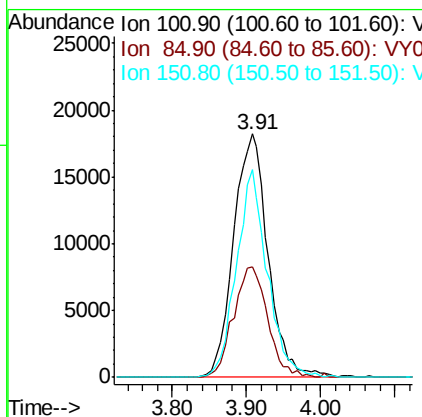
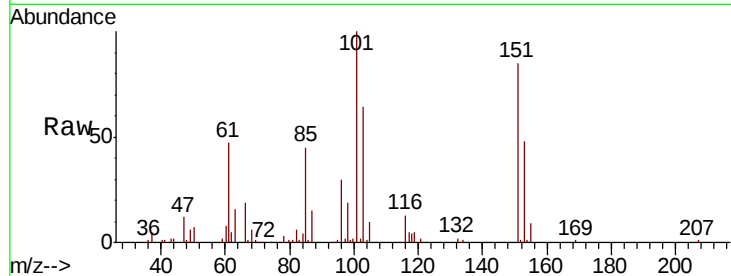
ClientSampleId :

VY1022SBS01

Tot Ion:	101	Resp:	59048
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.6	55.0
151	76.7	63.1	94.7

Manual Integrations
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MMDadoda
10/24/2019 4:34:09 PM



#10

Methyl Iodide

Concen: 19.751 ug/l

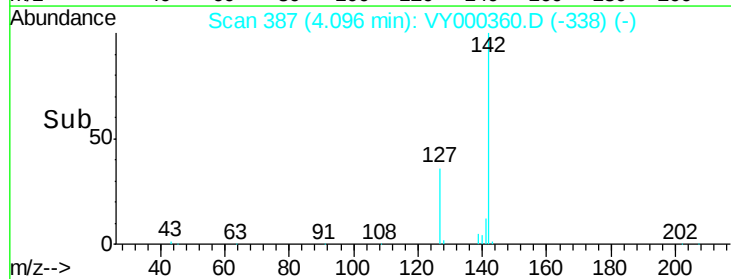
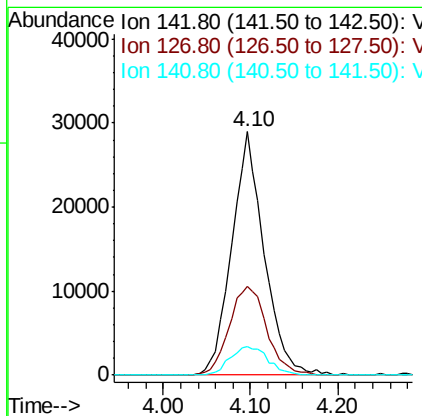
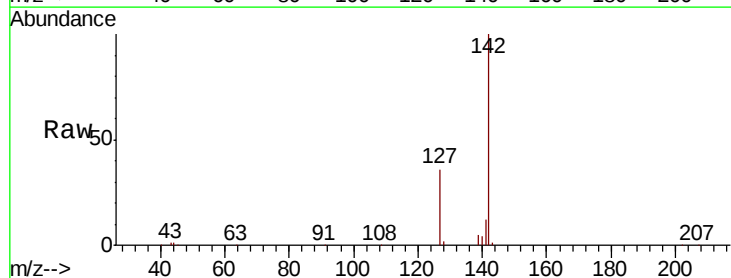
RT: 4.10 min Scan# 387

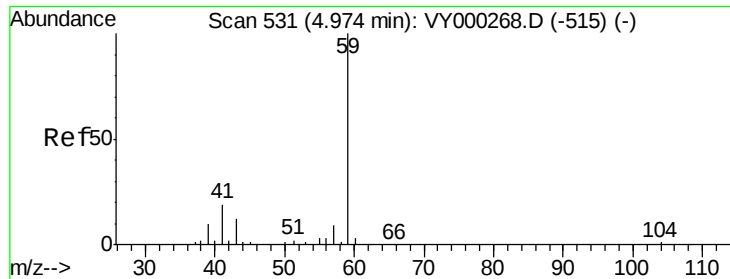
Delta R.T. 0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion:	142	Resp:	74822
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.9	50.9
141	13.7	11.2	16.8





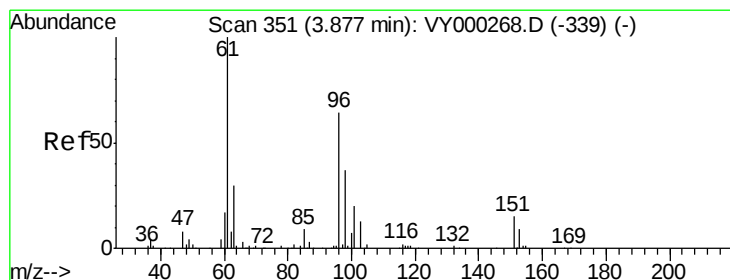
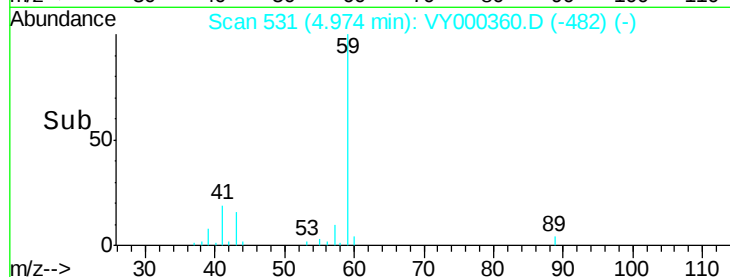
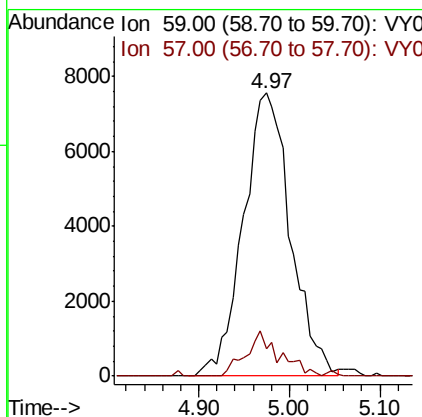
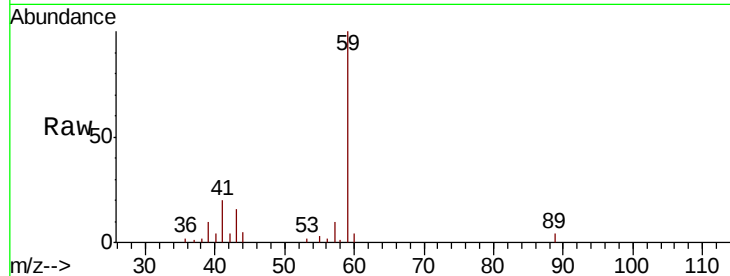
#11
Tert butyl alcohol
Concen: 91.469 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 59 Resp: 27264
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2

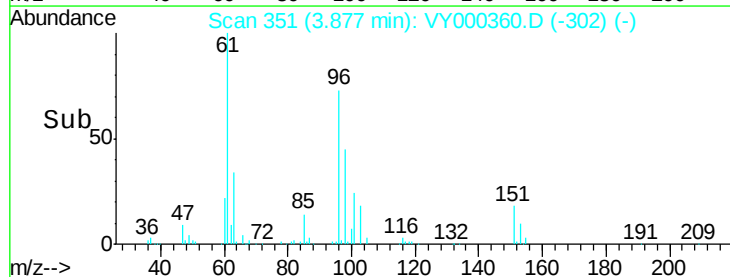
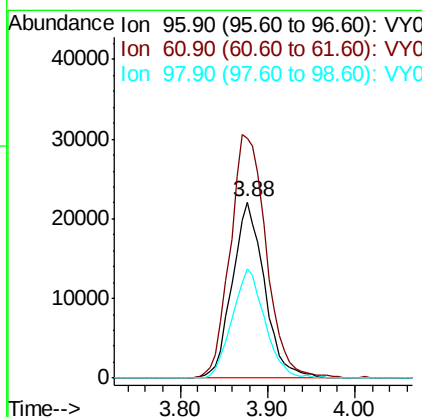
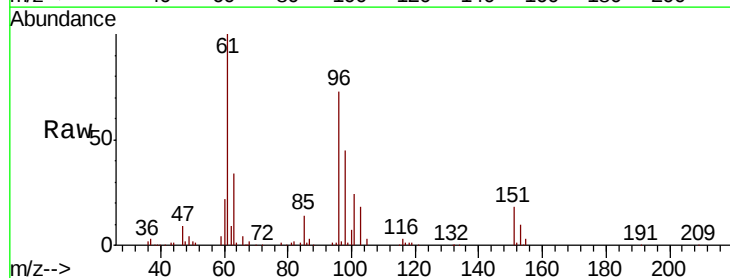
Manual Integrations
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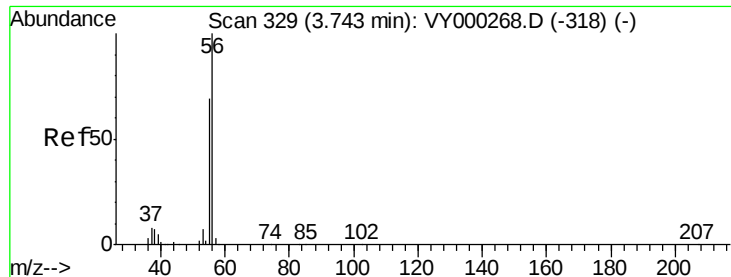
MMDadoda
10/24/2019 4:34:09 PM



#12
1,1-Dichloroethene
Concen: 20.767 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 96 Resp: 56634
Ion Ratio Lower Upper
96 100
61 136.7 125.8 188.6
98 62.2 46.2 69.2





#13

Acrolein

Concen: 76.883 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 56 Resp: 26867

Ion Ratio Lower Upper

56 100

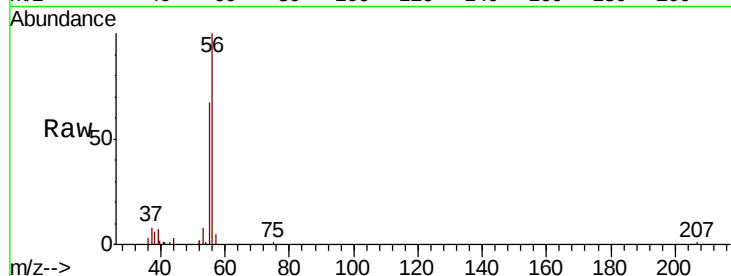
55 69.9 55.7 83.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

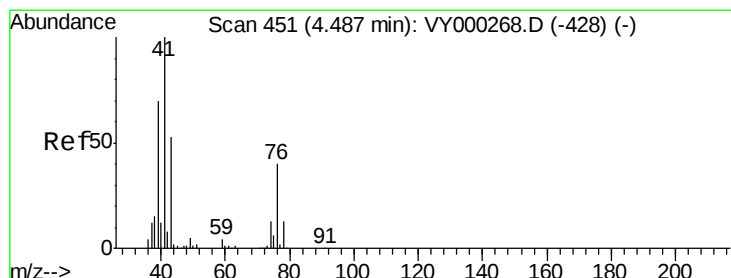
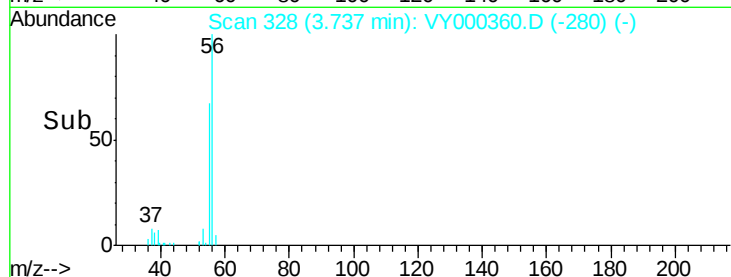
6000

4000

2000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 20.078 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

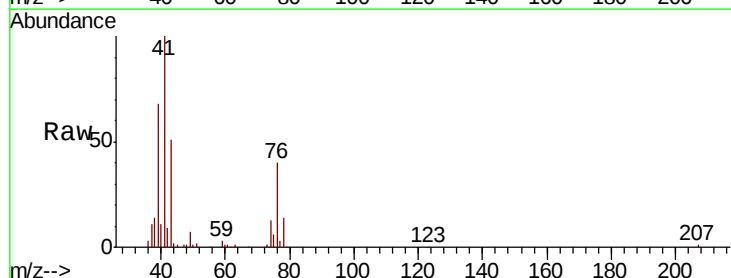
Tgt Ion: 41 Resp: 90736

Ion Ratio Lower Upper

41 100

39 67.7 54.0 81.0

76 39.1 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

40000

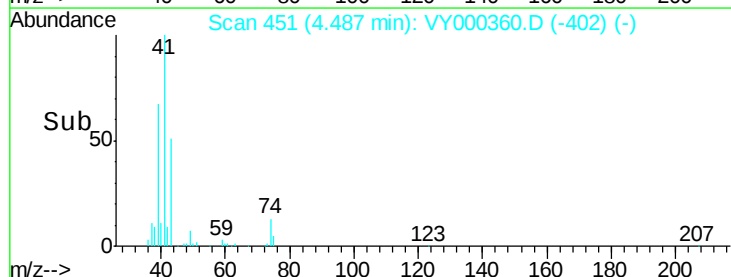
30000

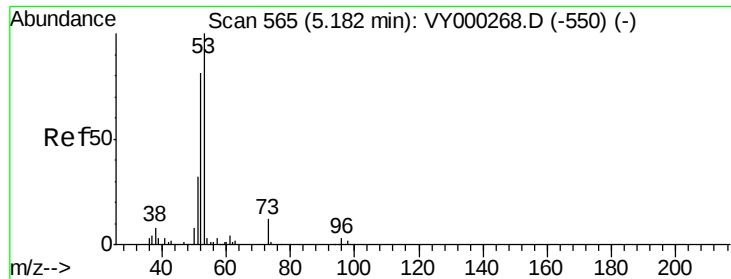
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 94.900 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

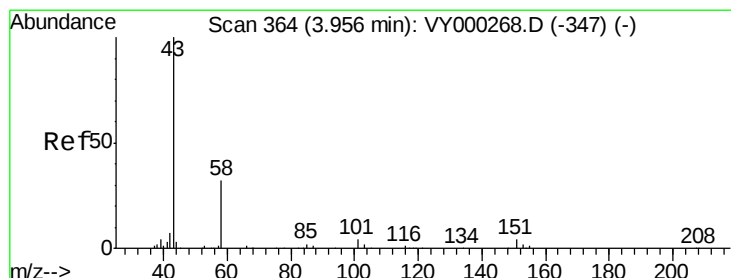
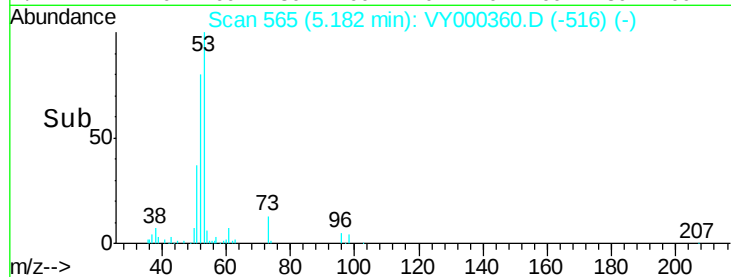
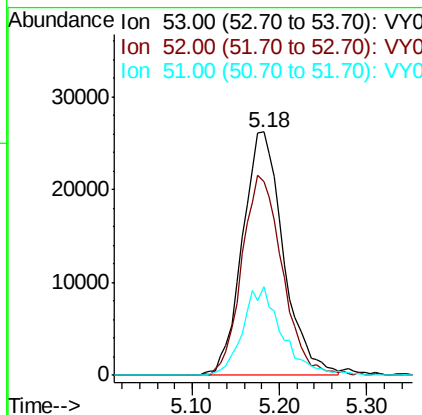
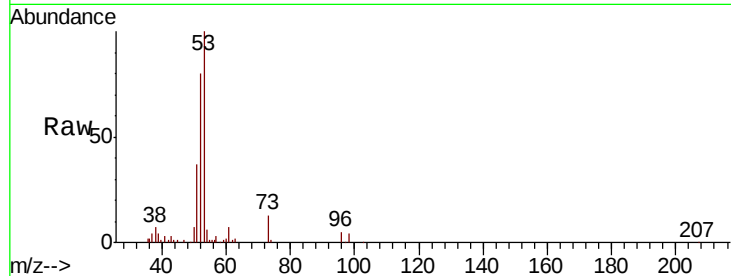
ClientSampleId :

VY1022SBS01

Tot Ion:	53	Resp:	85472
Ion	Ratio	Lower	Upper
53	100		
52	81.4	62.9	94.3
51	34.9	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 75.817 ug/l

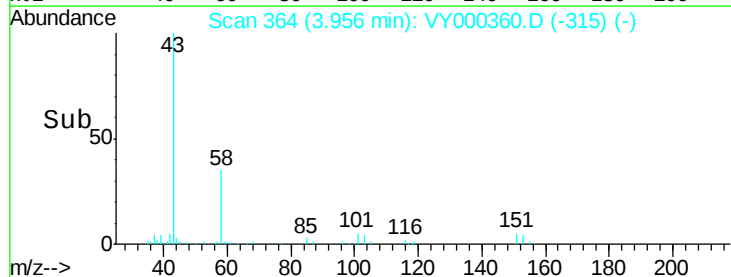
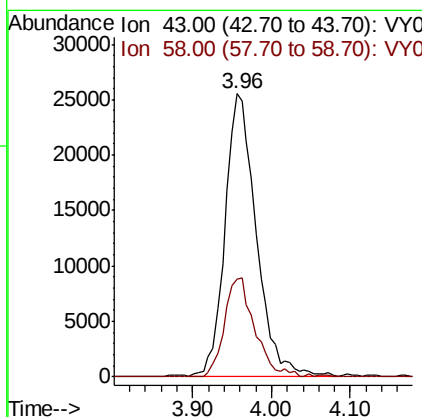
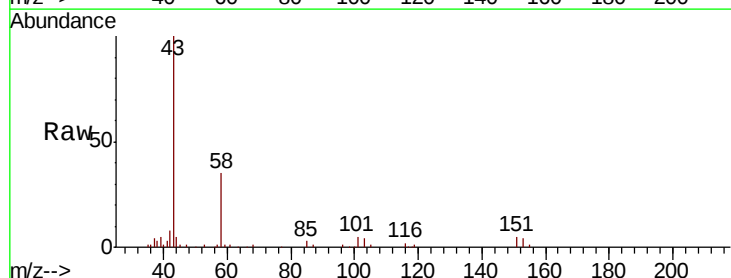
RT: 3.96 min Scan# 364

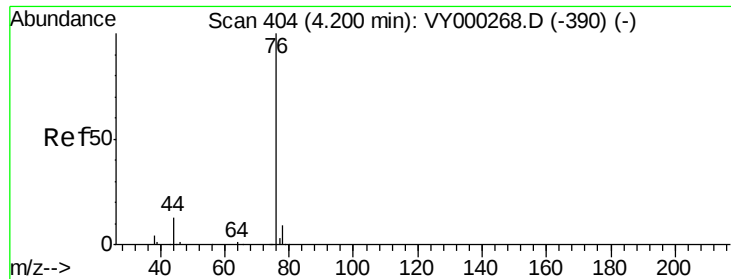
Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion:	43	Resp:	69932
Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.8	38.6





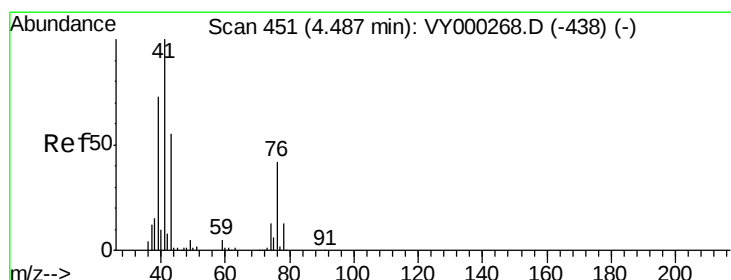
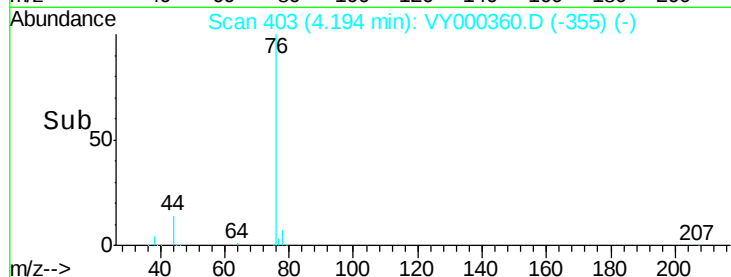
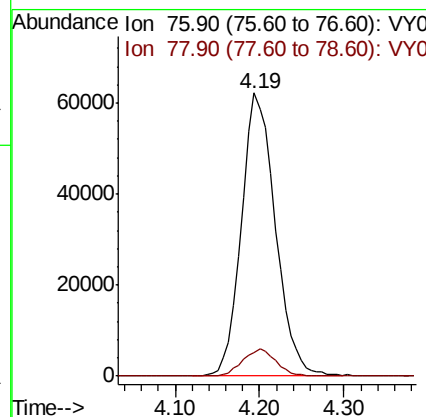
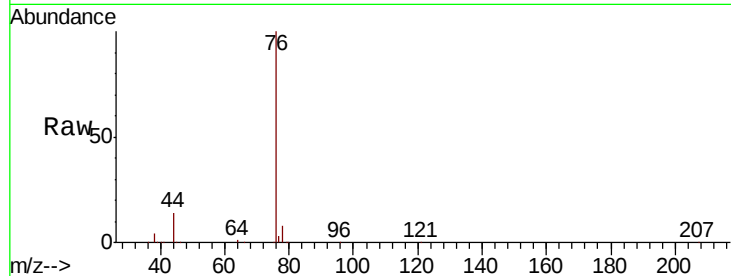
#17
Carbon Disulfide
Concen: 19.701 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.0	10.4

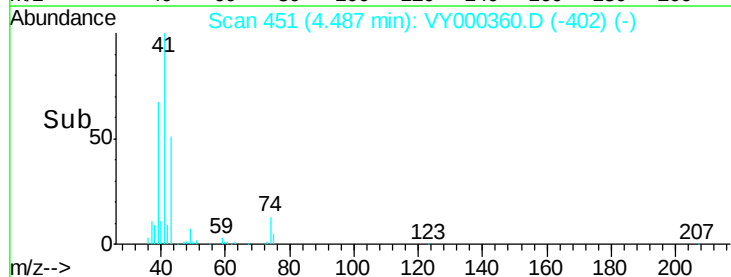
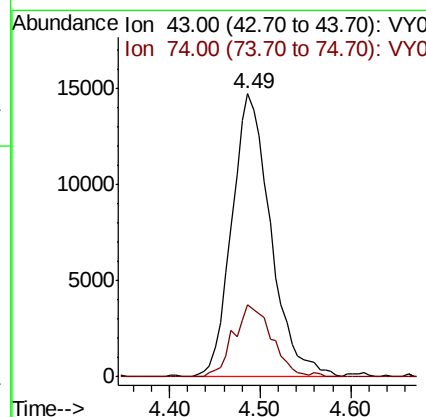
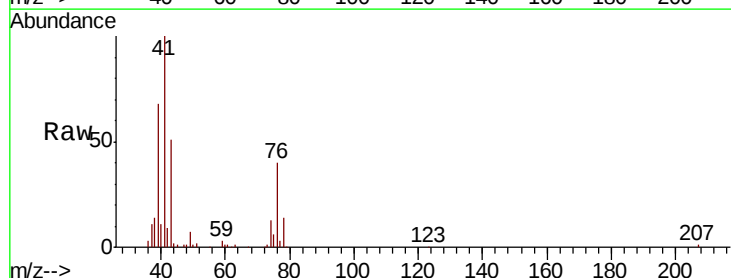
Manual Integrations
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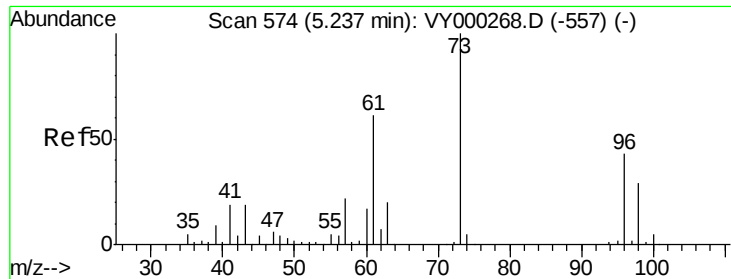
MMDadoda
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#18
Methyl Acetate
Concen: 19.156 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.4	30.6





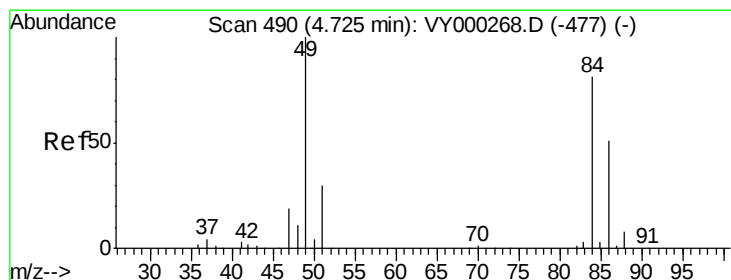
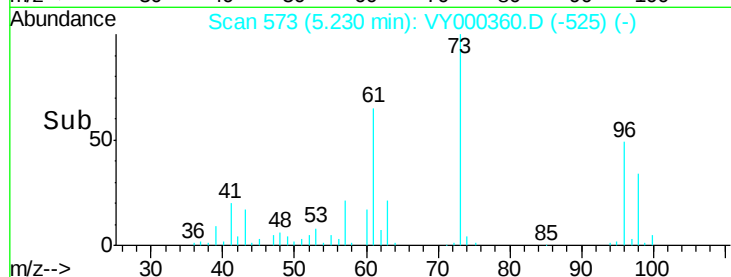
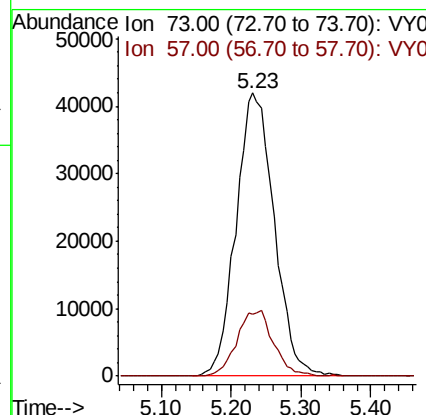
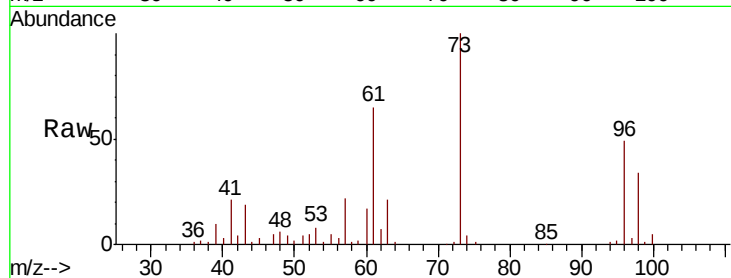
#19
Methyl tert-butyl Ether
Concen: 20.926 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 73 Resp: 158864
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0

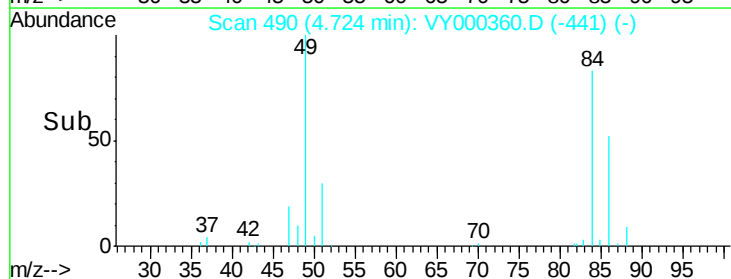
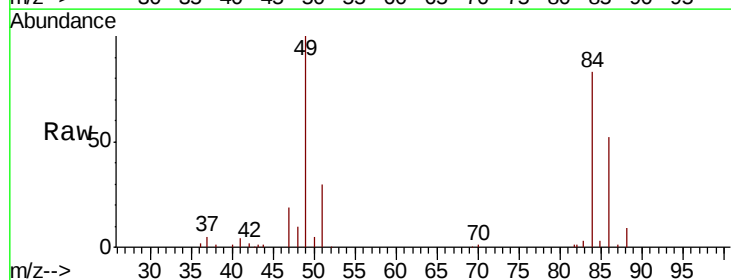
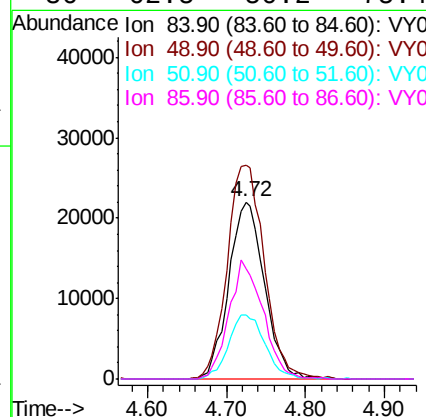
Manual Integrations
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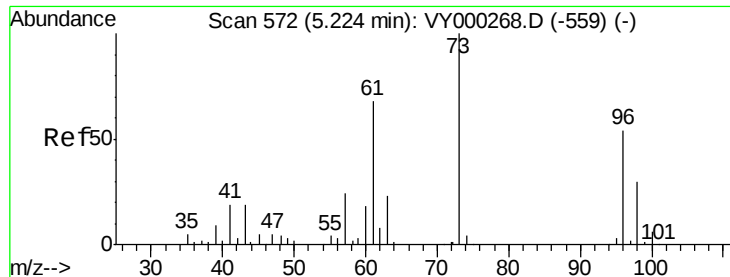
MMDadoda
10/24/2019 4:34:09 PM



#20
Methylene Chloride
Concen: 18.880 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 84 Resp: 69189
Ion Ratio Lower Upper
84 100
49 120.9 99.0 148.4
51 36.0 29.3 43.9
86 62.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.419 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

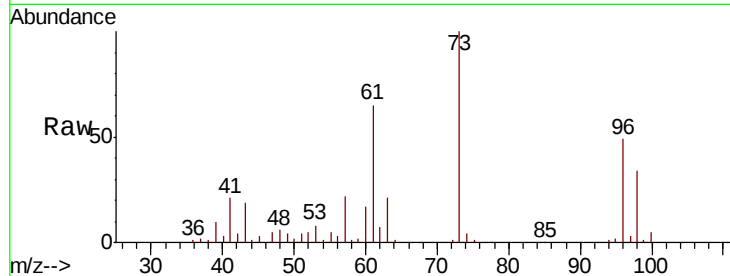
VY1022SBS01

Tot Ion: 96 Resp: 63885

Ion	Ratio	Lower	Upper
96	100		
61	132.0	100.4	150.6
98	68.5	44.6	66.8#

Manual Integrations
APPROVED

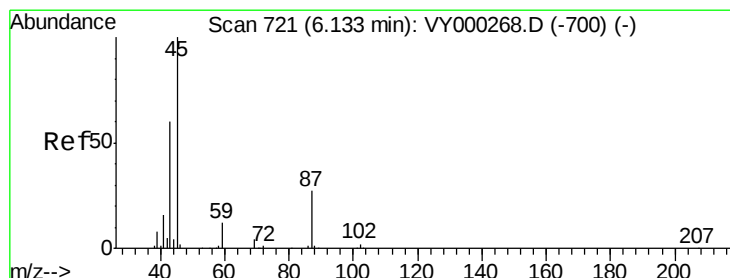
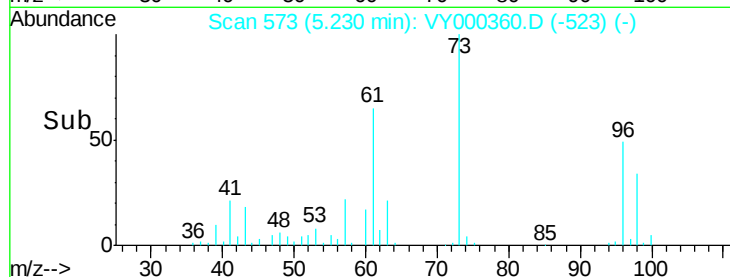
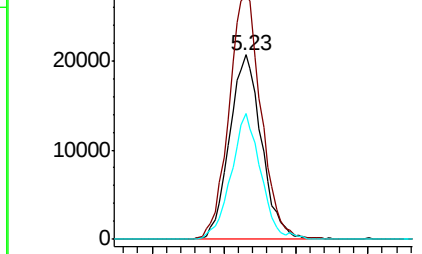
MMDadoda
10/24/2019 4:34:09 PM



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.179 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion: 45 Resp: 202431

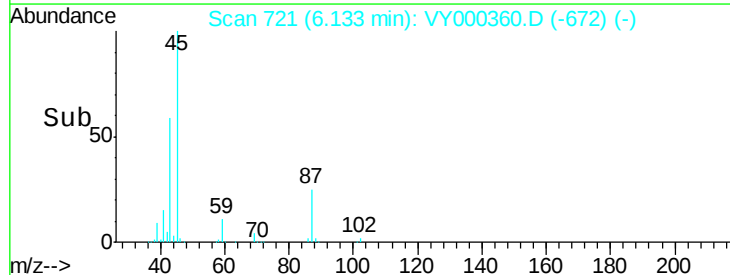
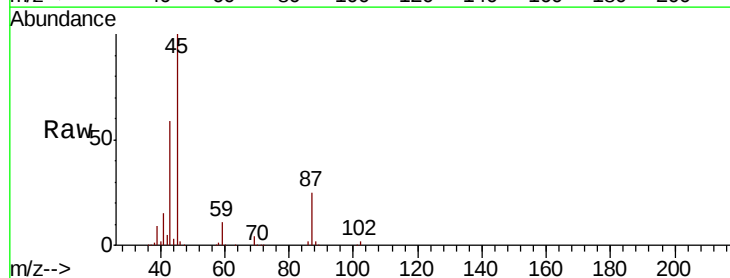
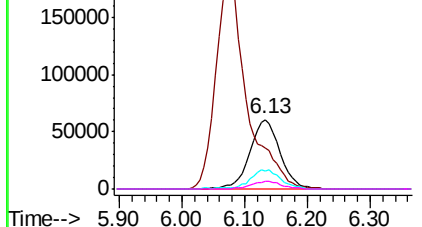
Ion	Ratio	Lower	Upper
45	100		
43	58.4	48.5	72.7
87	25.4	21.5	32.3
59	10.7	9.4	14.0

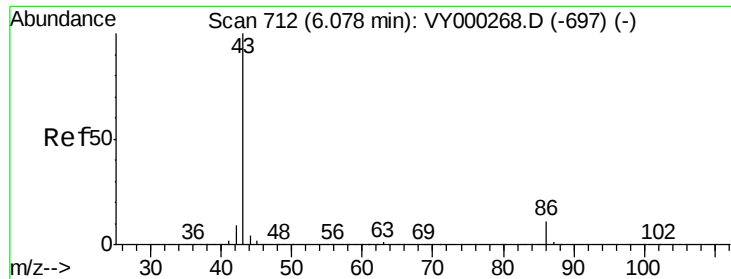
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 101.558 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 43 Resp: 633286

Ion Ratio Lower Upper

43 100

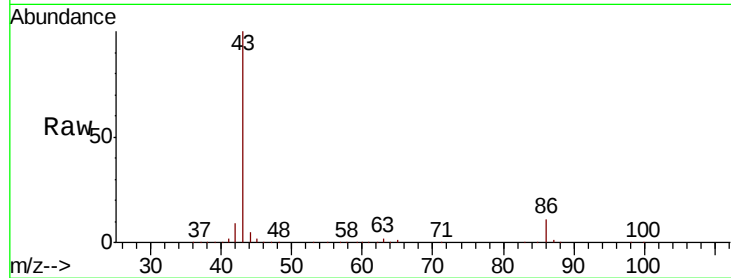
86 10.7 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

200000

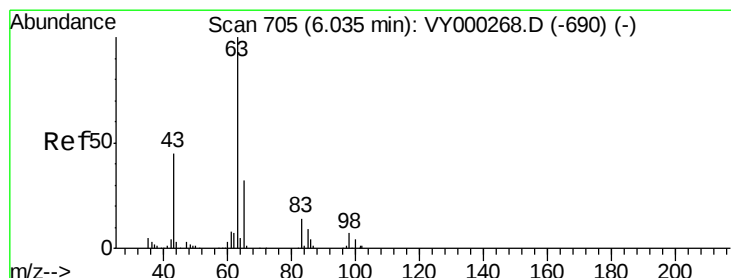
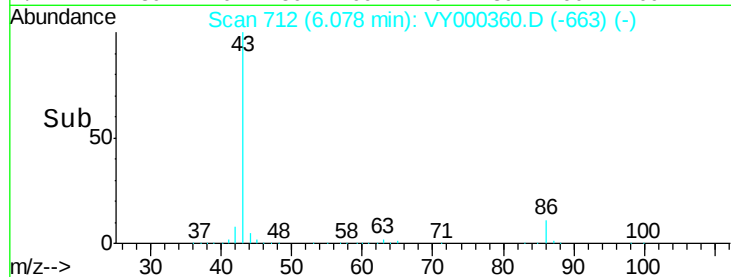
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.877 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

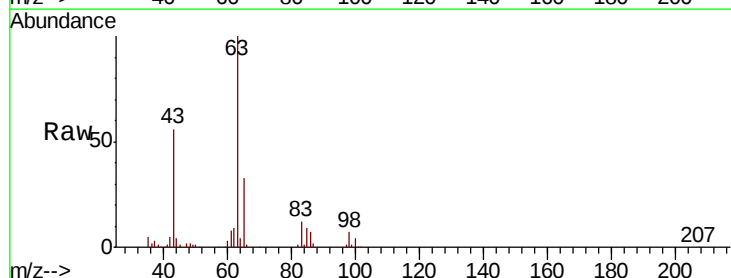
Tgt Ion: 63 Resp: 108919

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

40000

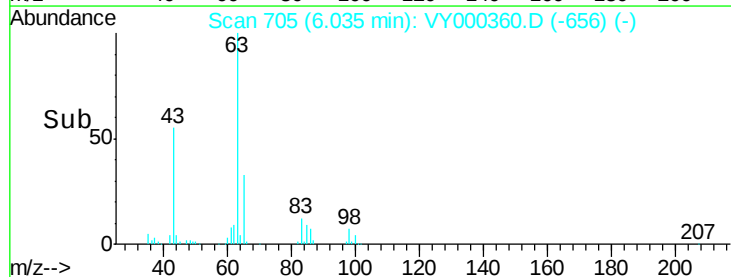
30000

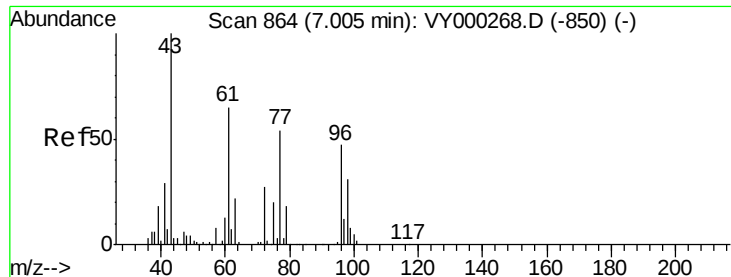
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.124 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 43 Resp: 120999

Ion Ratio Lower Upper

43 100

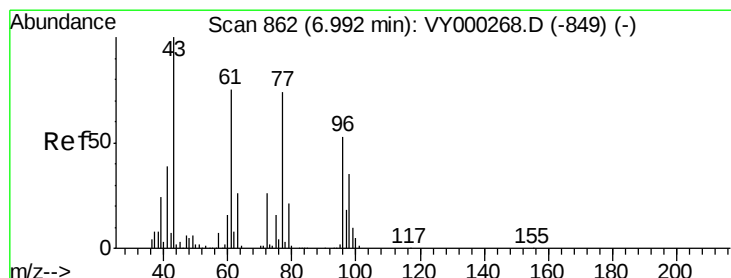
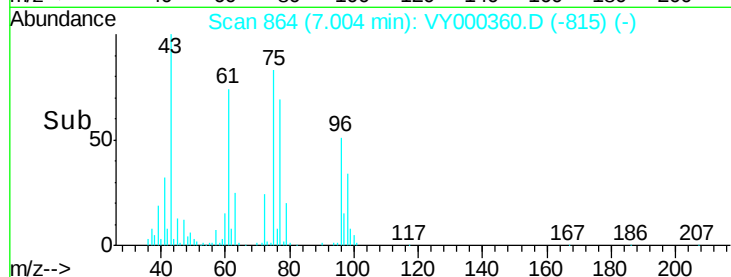
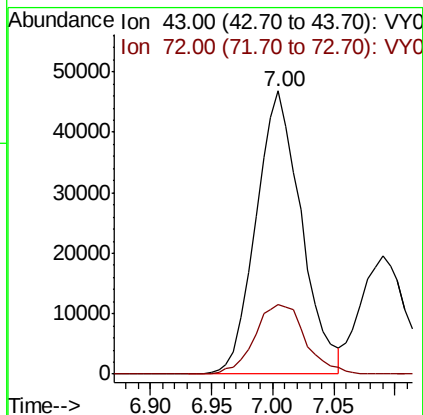
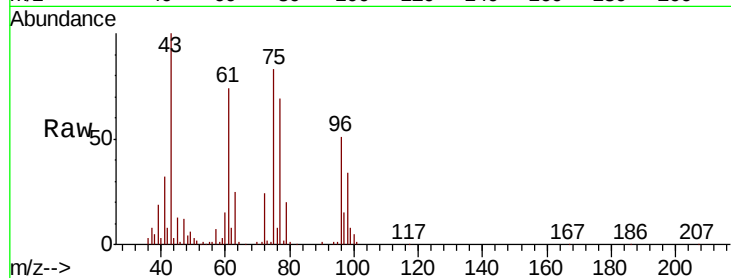
72 24.5 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 21.910 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000360.D

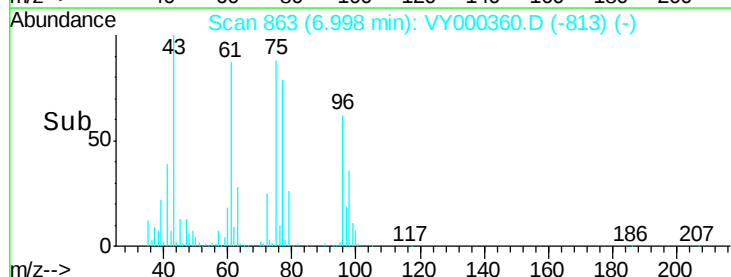
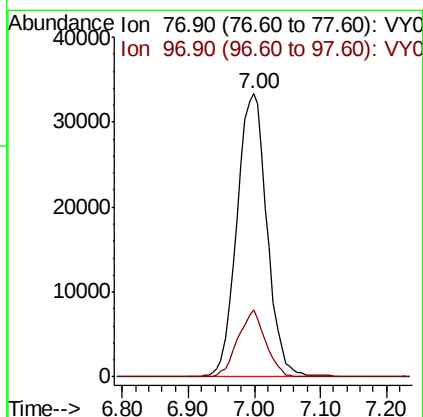
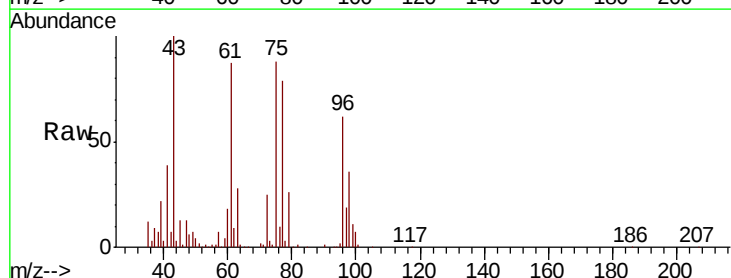
Acq: 22 Oct 2019 13:18

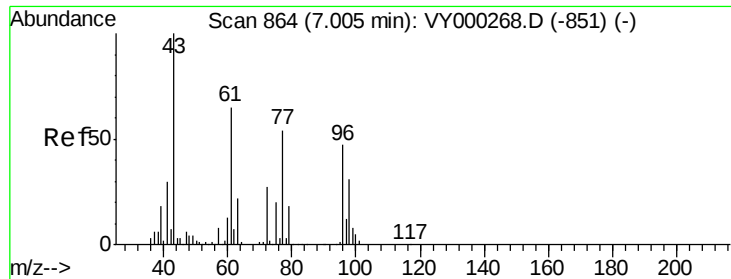
Tgt Ion: 77 Resp: 105331

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.7





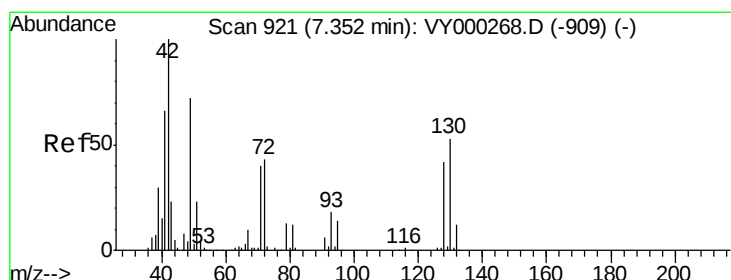
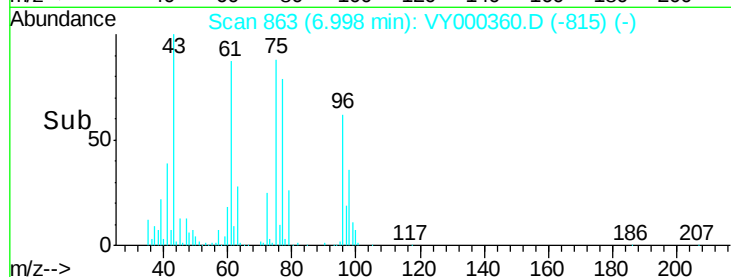
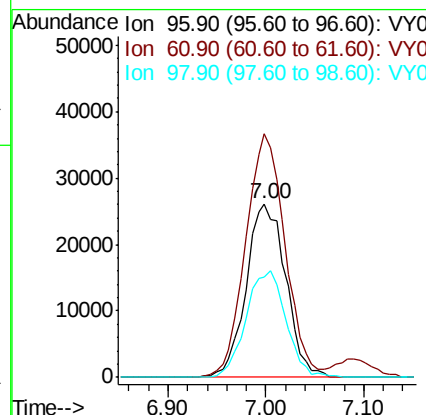
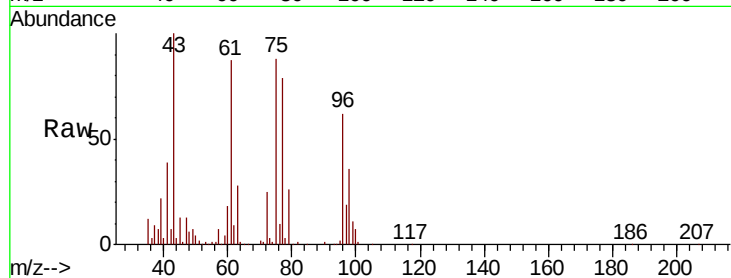
#27
 cis-1,2-Dichloroethene
 Concen: 21.566 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	289.8
98	62.3	0.0	131.8

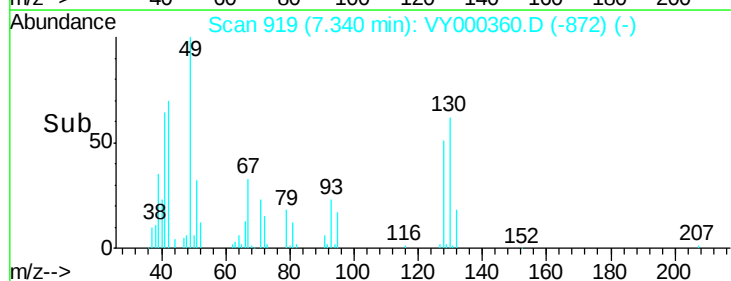
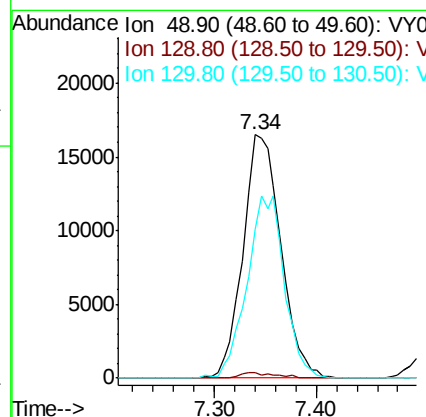
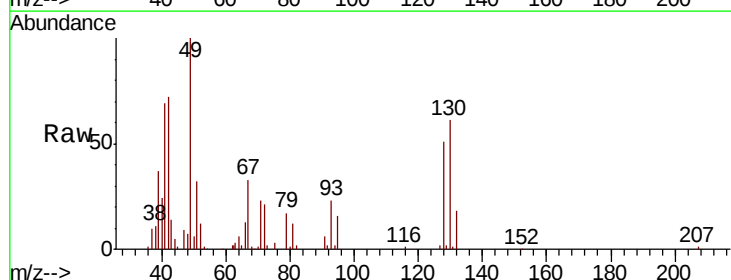
Manual Integrations
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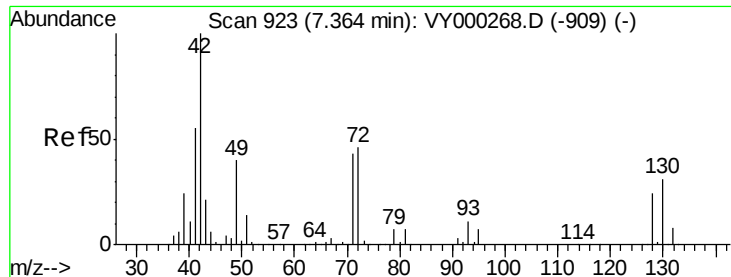
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#28
 Bromochloromethane
 Concen: 18.995 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	0.0	58.2	87.2#





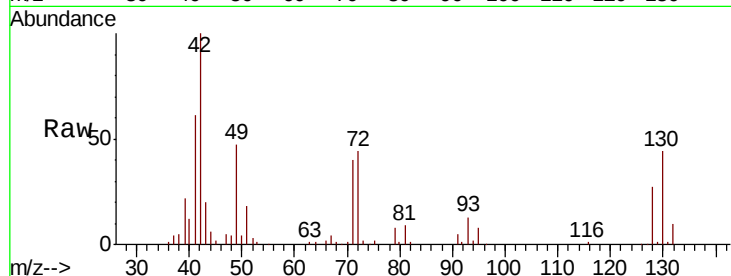
#29
Tetrahydrofuran
Concen: 97.037 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

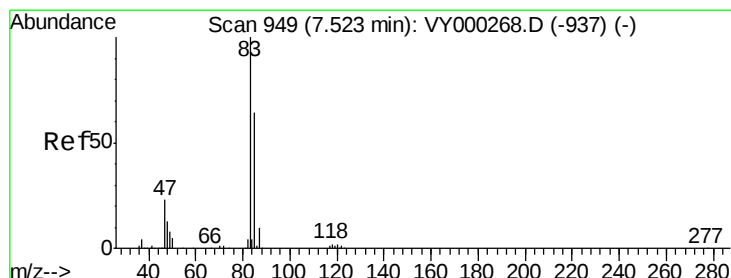
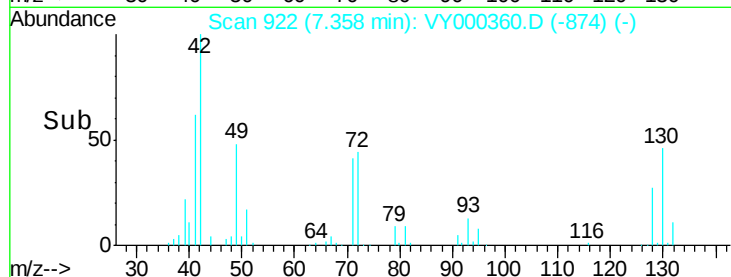
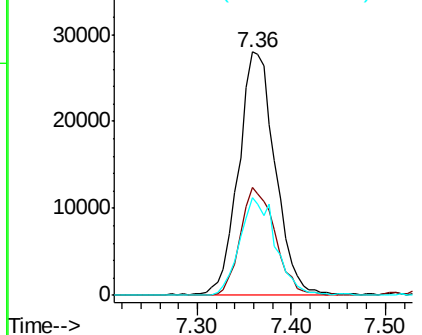
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.5	51.7
71	39.6	32.7	49.1

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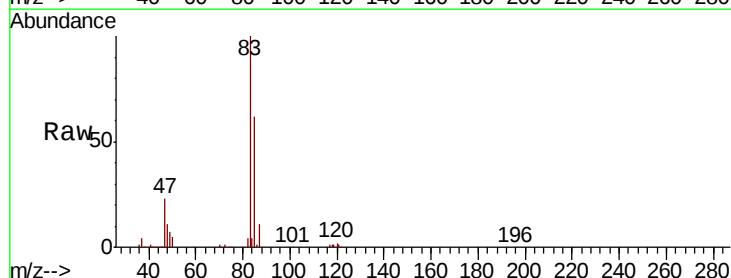


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

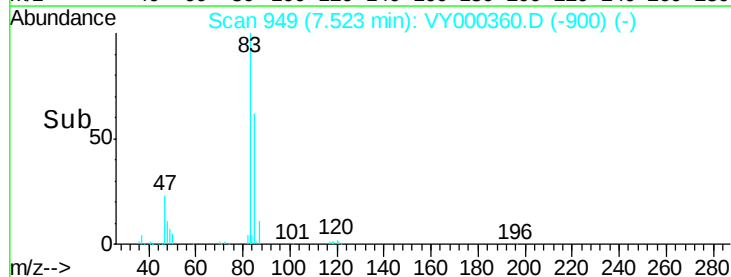
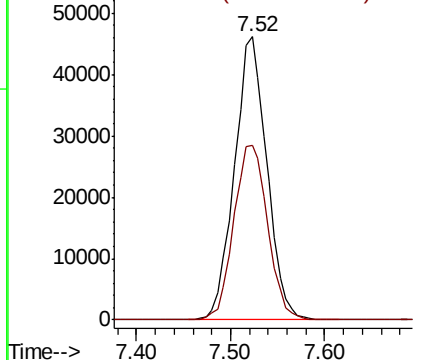


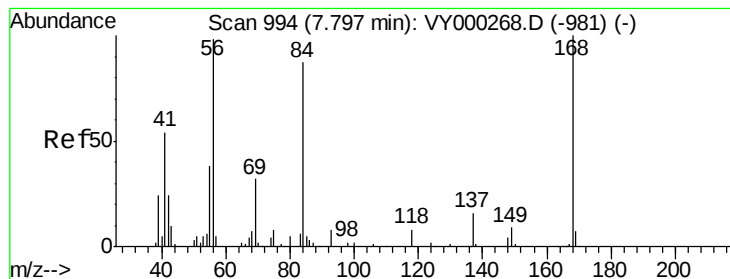
#30
Chloroform
Concen: 21.053 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.4	77.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.258 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 56 Resp: 110388

Ion Ratio Lower Upper

56 100

69 38.9 26.3 39.5

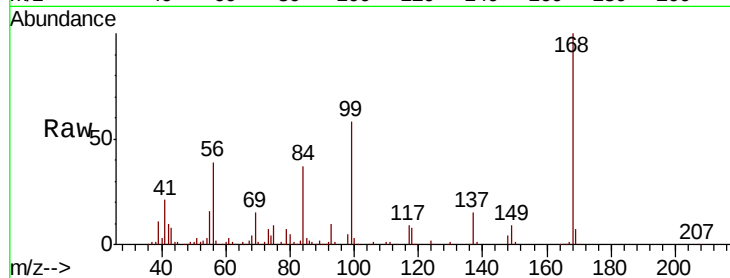
84 94.4 70.8 106.2

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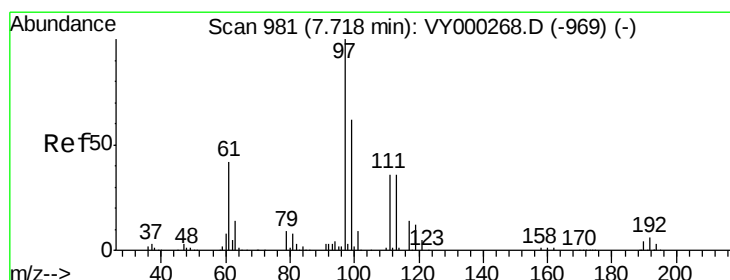
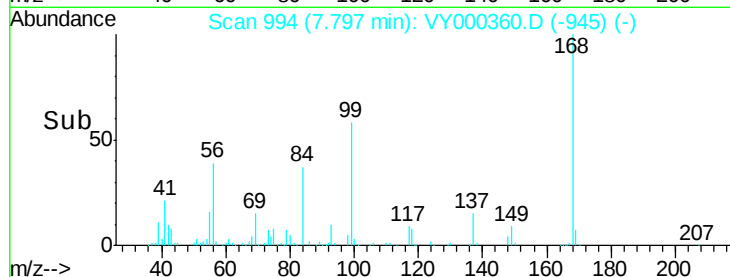
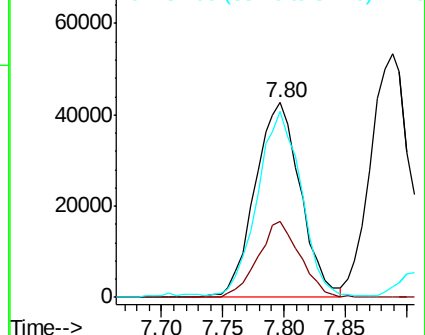
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.524 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

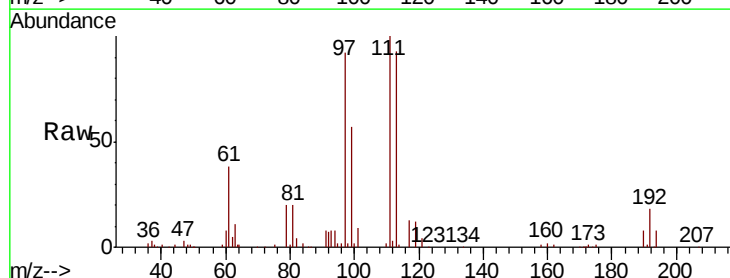
Tgt Ion: 97 Resp: 95872

Ion Ratio Lower Upper

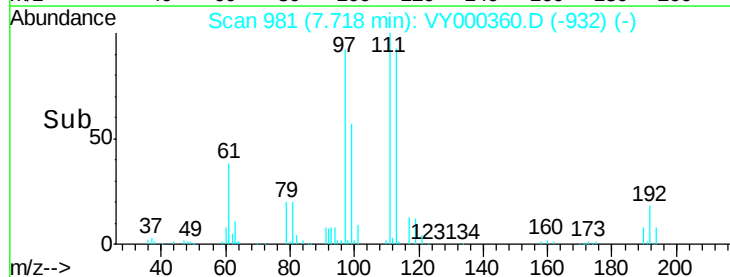
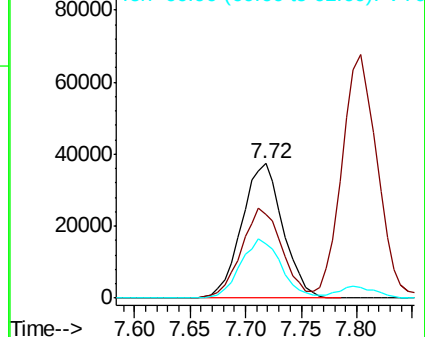
97 100

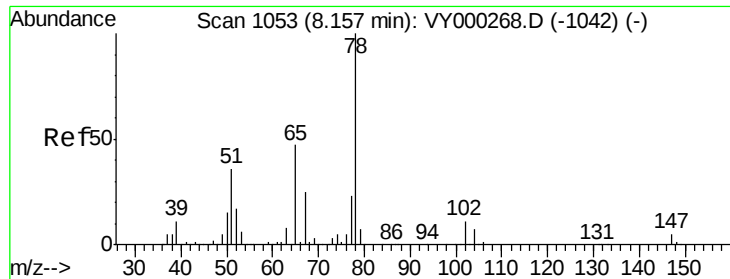
99 65.9 51.7 77.5

61 43.5 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 50.520 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 65 Resp: 143891

Ion Ratio Lower Upper

65 100

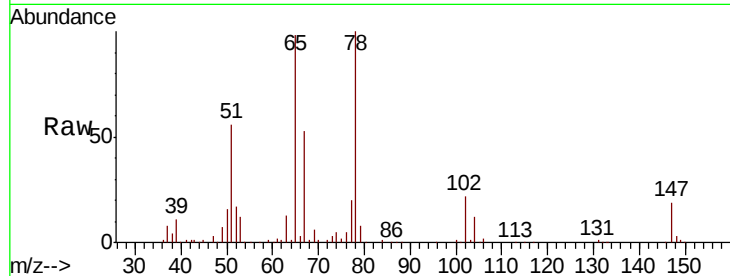
67 55.6 0.0 109.4

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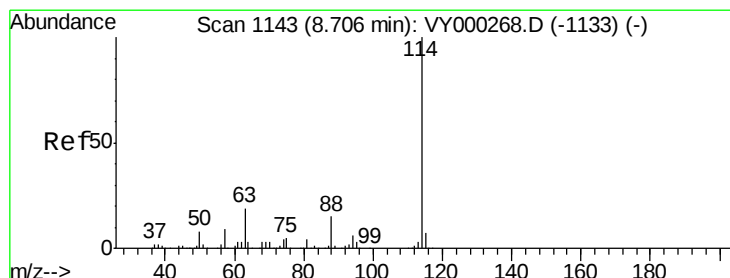
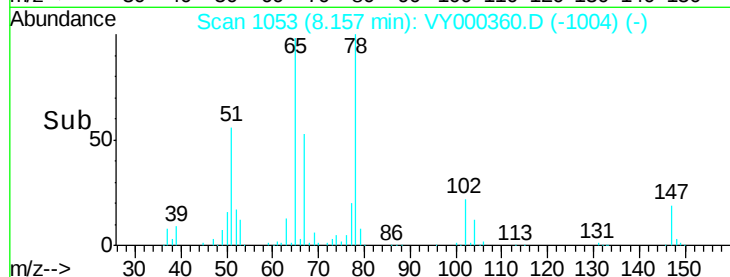
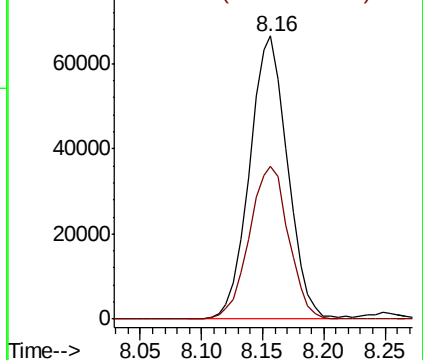
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

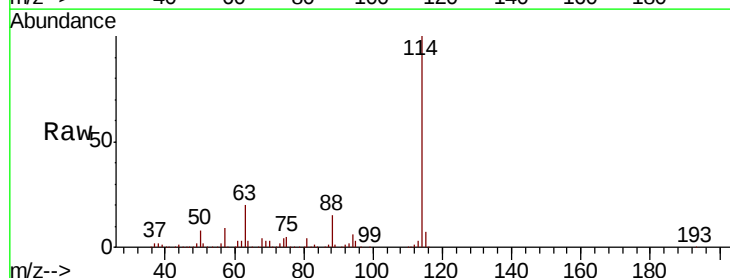
Tgt Ion: 114 Resp: 441152

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.2

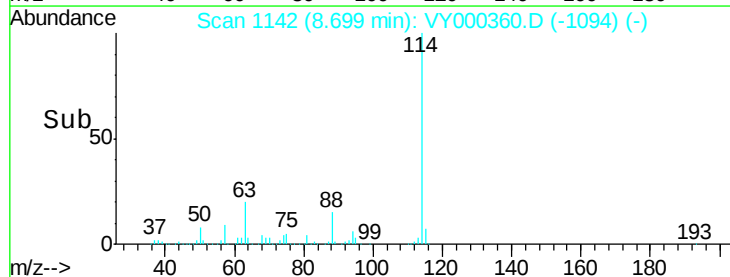
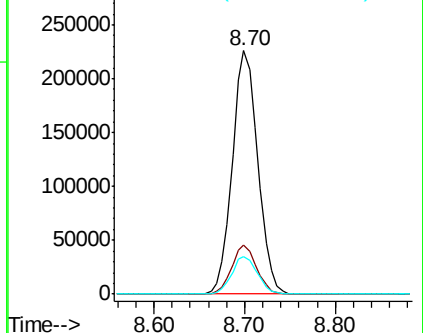
88 15.2 0.0 30.2

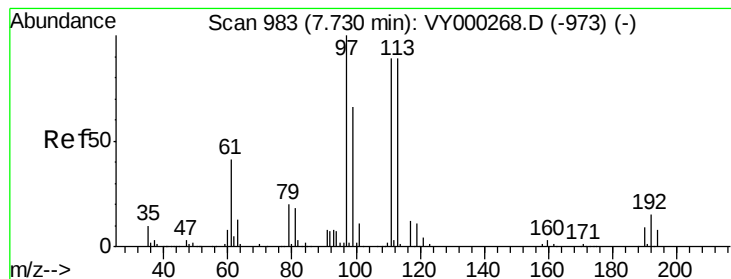


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.012 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

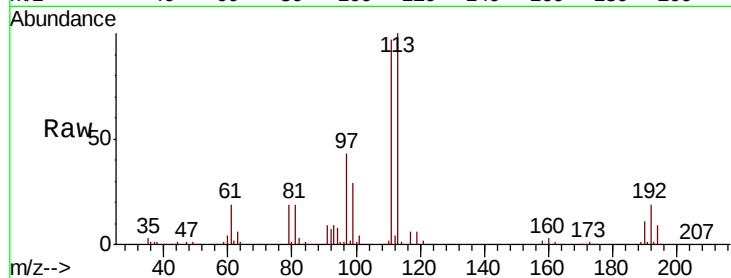
ClientSampleId :

VY1022SBS01

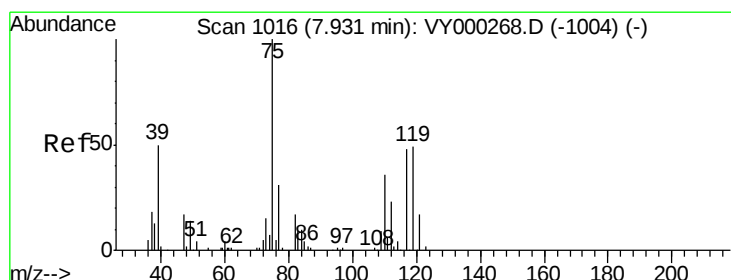
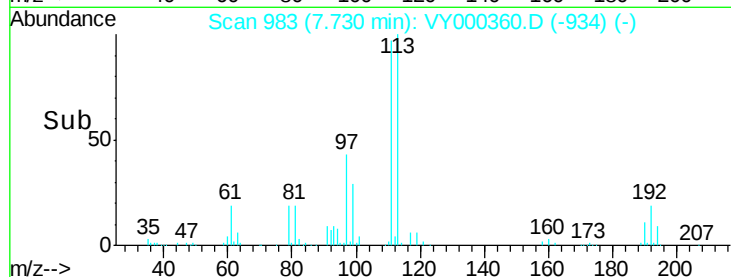
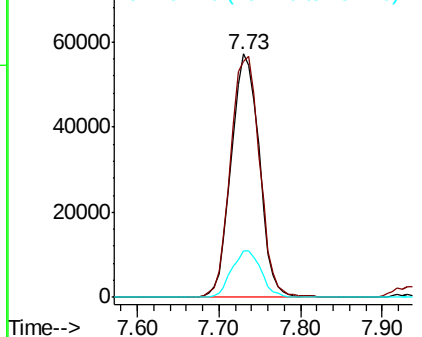
Tot Ion:	113	Resp:	135746
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.6	122.4
192	20.0	15.3	22.9

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.414 ug/l

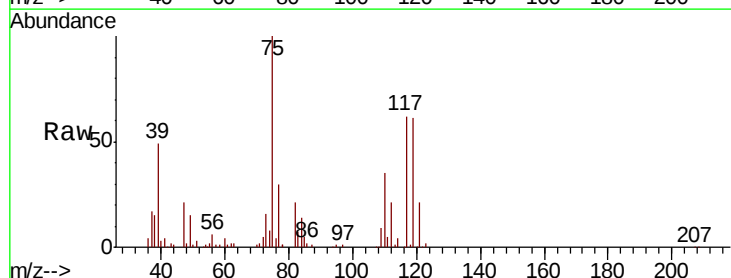
RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

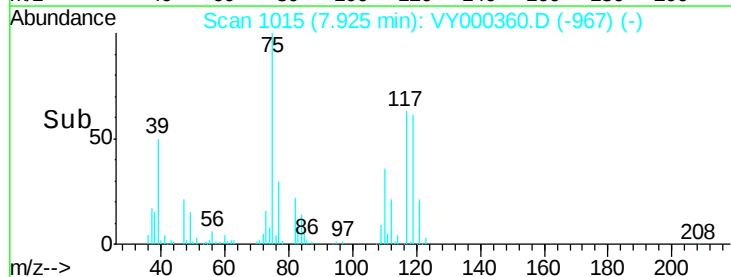
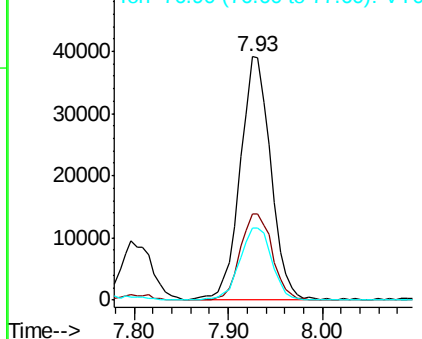
Lab File: VY000360.D

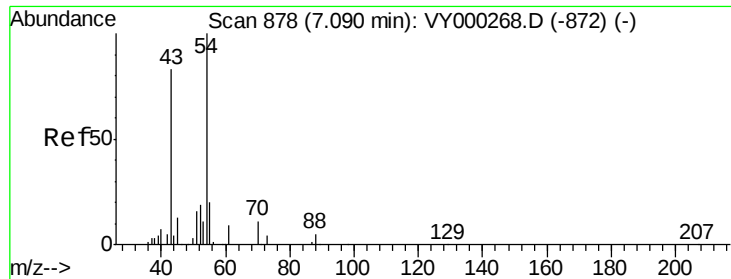
Acq: 22 Oct 2019 13:18

Tgt Ion:	75	Resp:	88170
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.4	55.4
77	31.6	25.0	37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





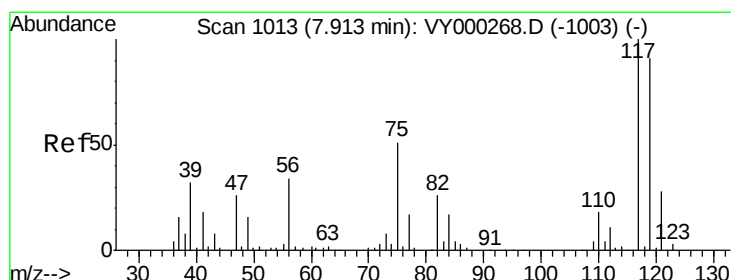
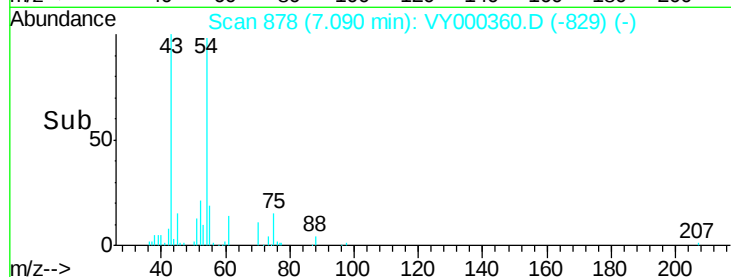
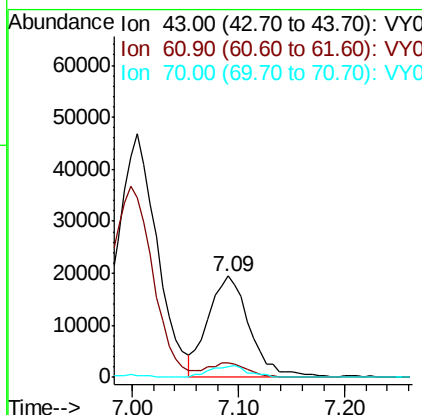
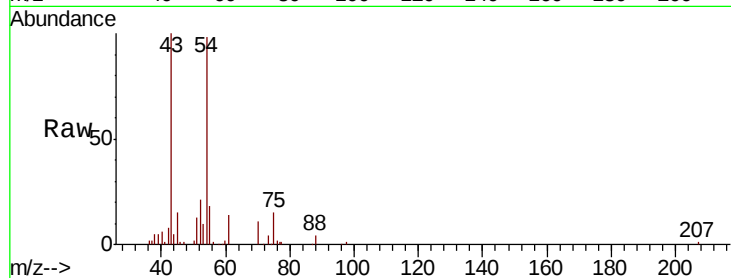
#37
Ethyl Acetate
Concen: 20.118 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	10.9	8.7	13.1

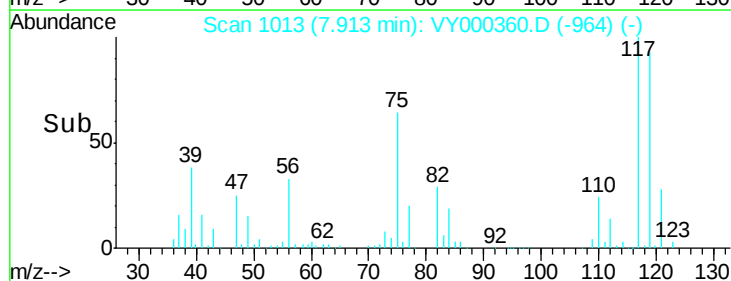
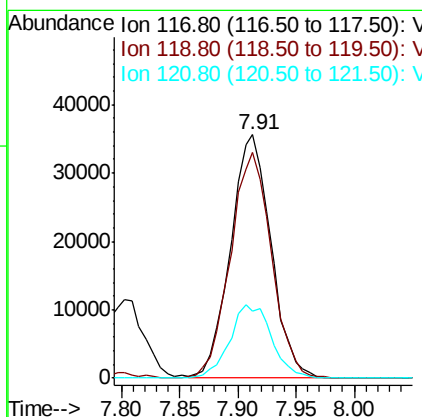
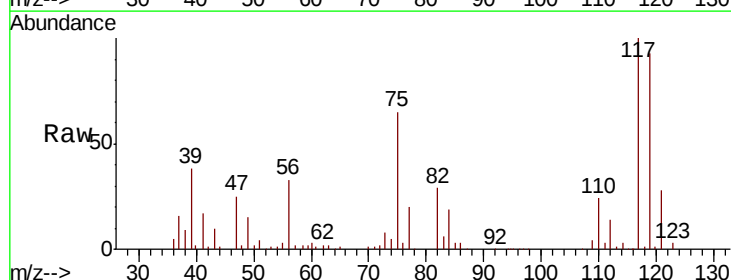
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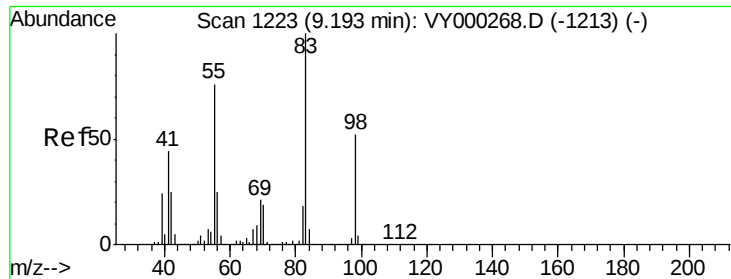
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#38
Carbon Tetrachloride
Concen: 20.505 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	72.8	109.2
121	27.7	22.2	33.2





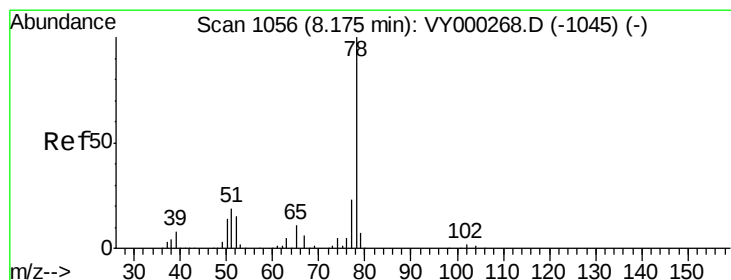
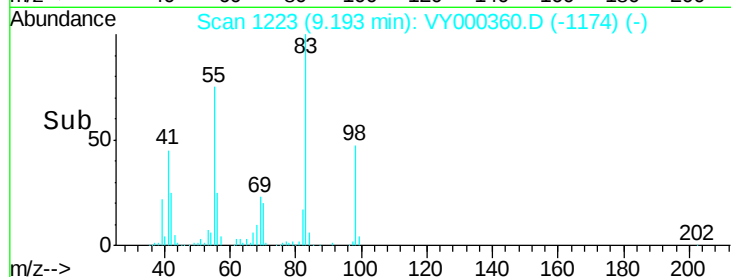
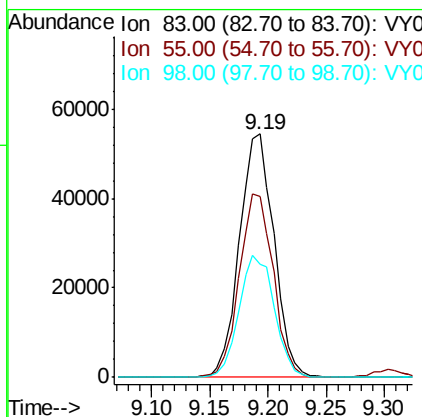
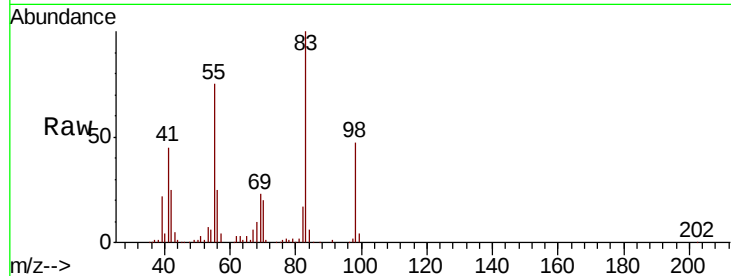
#39
Methvlcvclohexane
Concen: 19.948 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.9	91.3
98	46.6	41.8	62.6

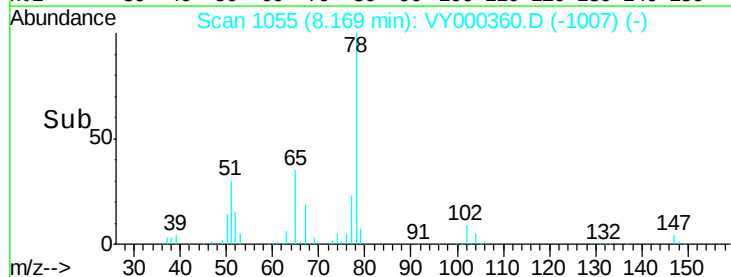
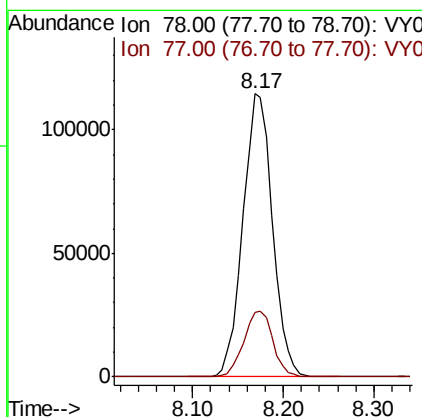
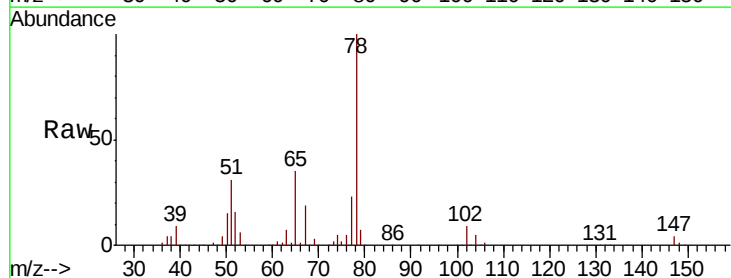
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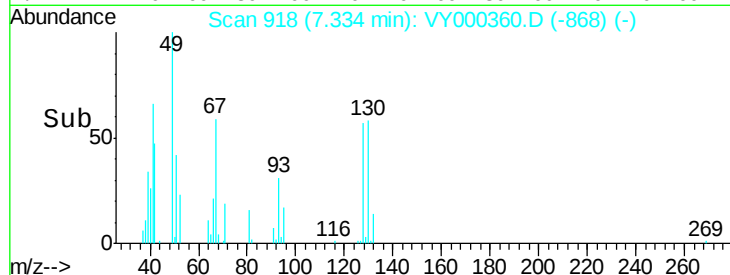
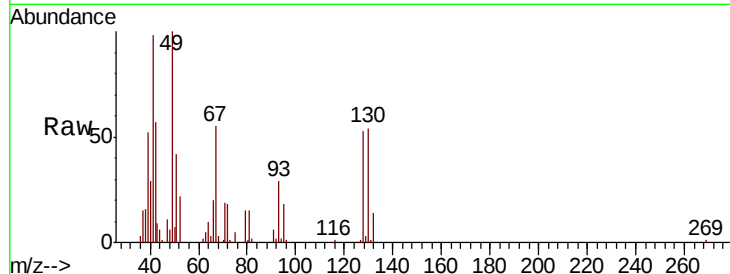
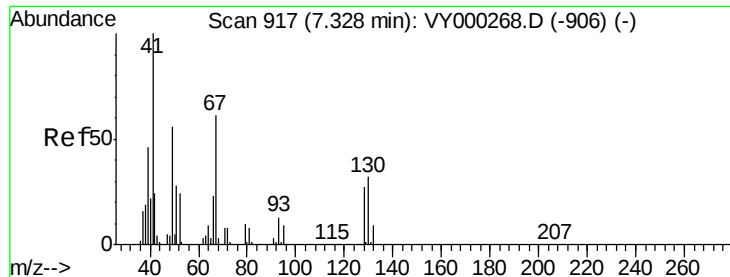
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#40
Benzene
Concen: 20.666 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2





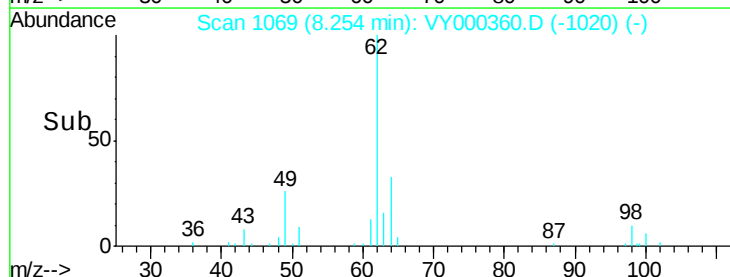
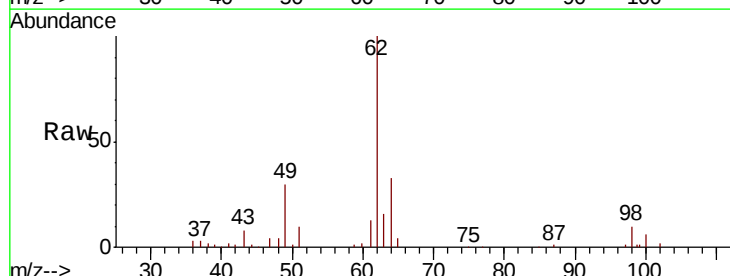
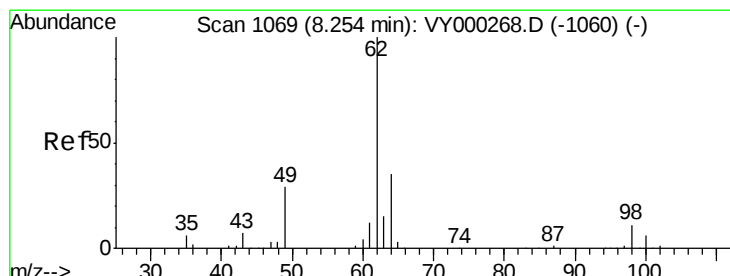
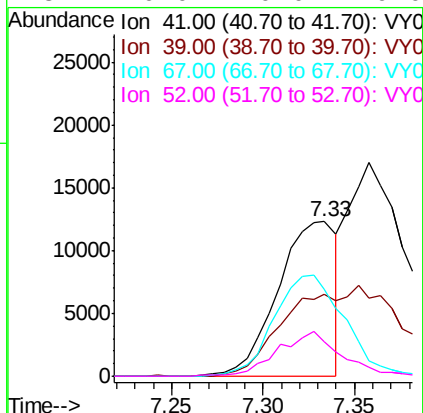
#41
Methacrylonitrile
Concen: 22.724 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tot Ion	41	Resp	27663
Ion	Ratio	Lower	Upper
41	100		
39	114.7	110.2	165.2
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

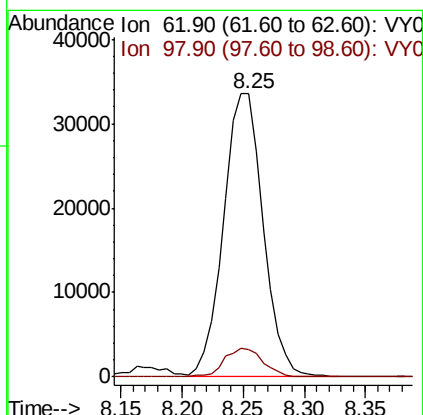
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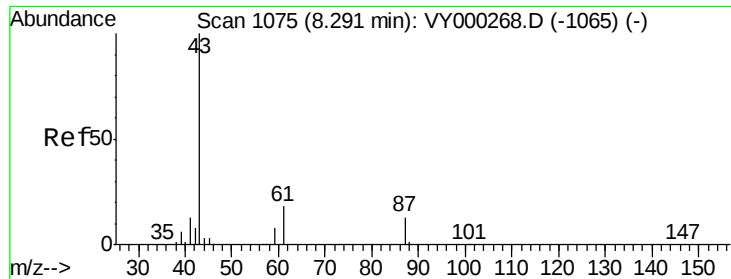
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.152 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	62	Resp	75415
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.582 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

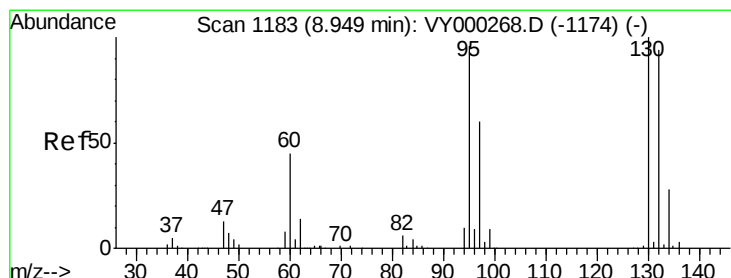
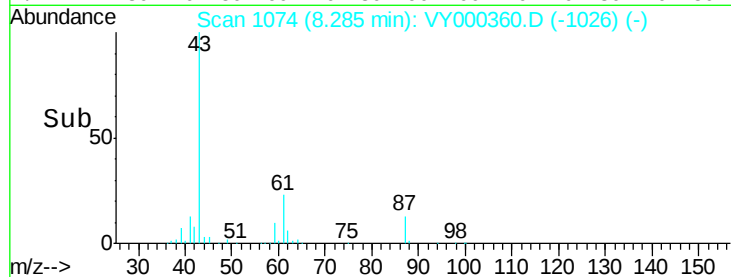
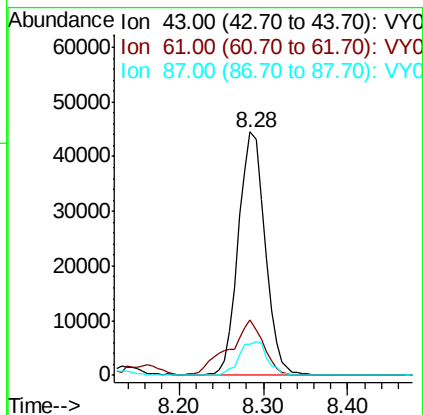
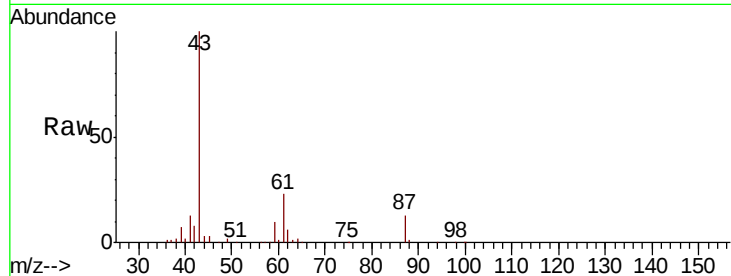
ClientSampleId :

VY1022SBS01

Tot Ion:	43	Resp:	95223
Ion	Ratio	Lower	Upper
43	100		
61	29.3	22.3	33.5
87	14.3	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 20.514 ug/l

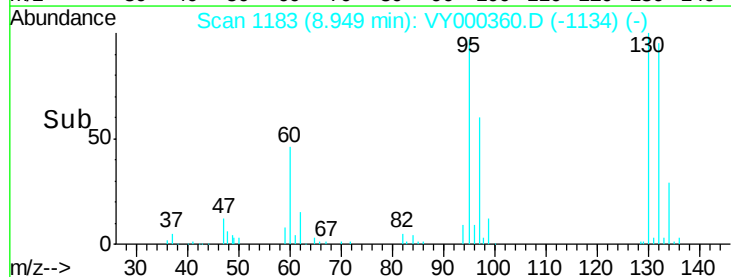
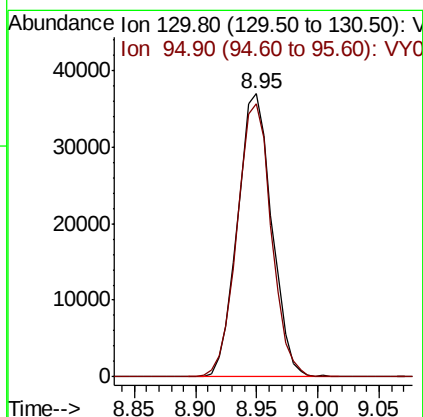
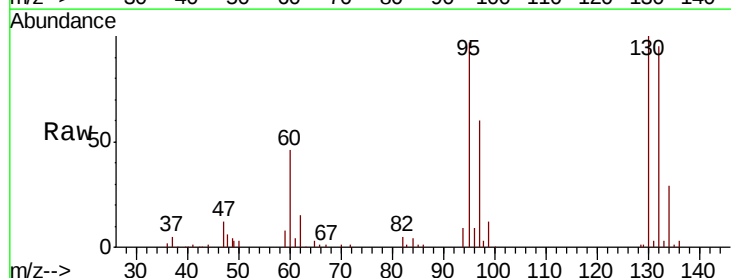
RT: 8.95 min Scan# 1183

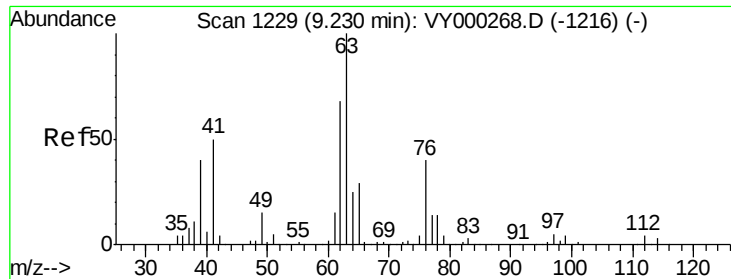
Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion:	130	Resp:	71846
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	191.4





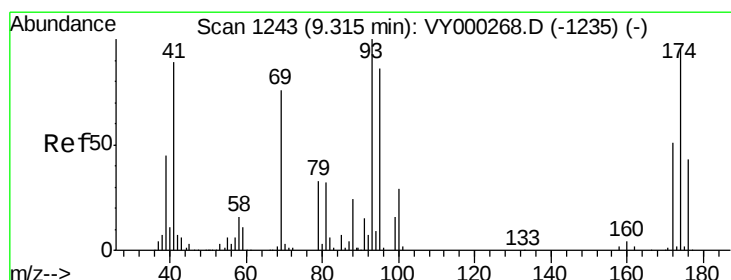
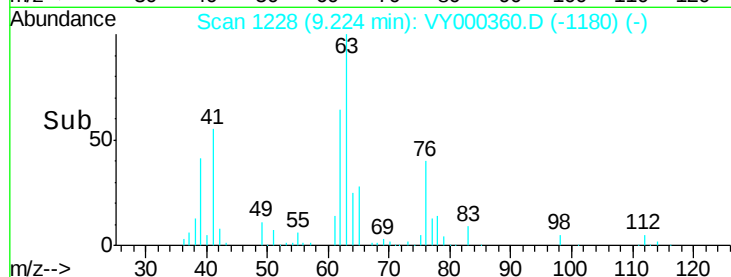
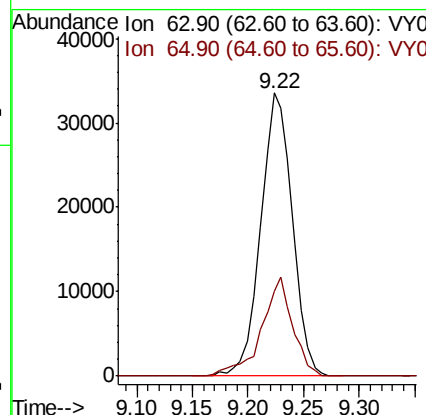
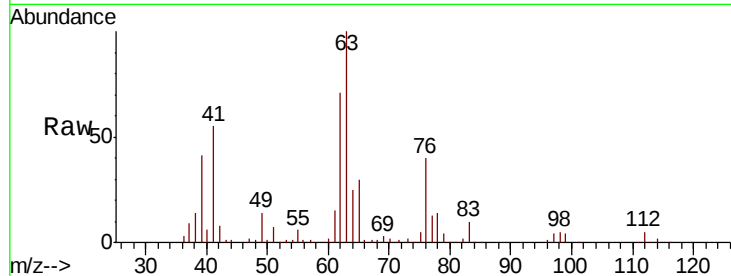
#45
 1,2-Dichloropropane
 Concen: 21.624 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.2	34.8

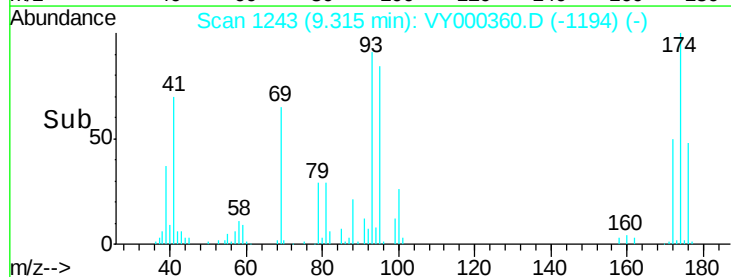
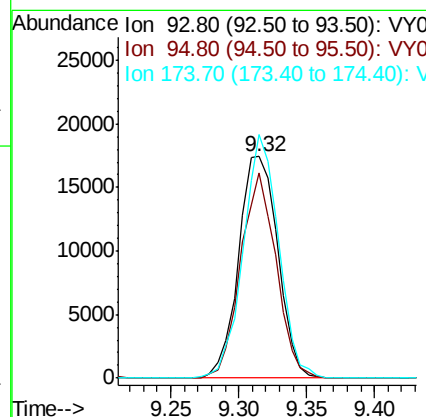
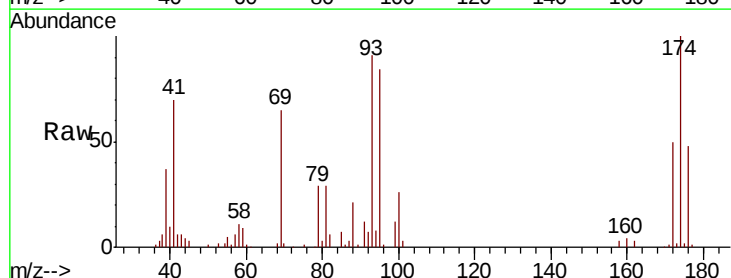
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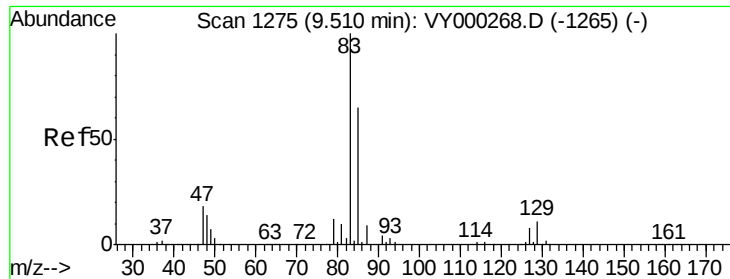
MMDadoda
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#46
 Dibromomethane
 Concen: 20.565 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	68.2	102.2
174	99.1	79.8	119.6





#47

Bromodichloromethane

Concen: 20.910 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

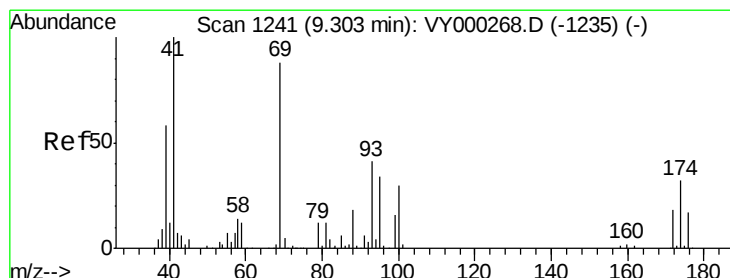
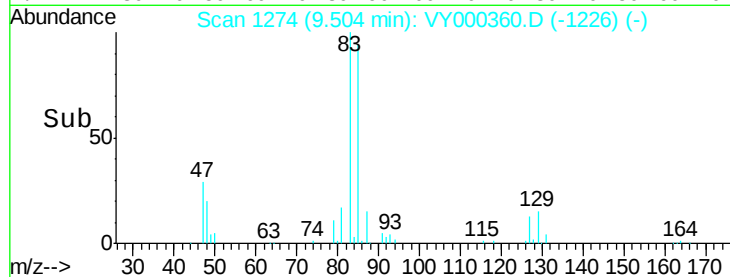
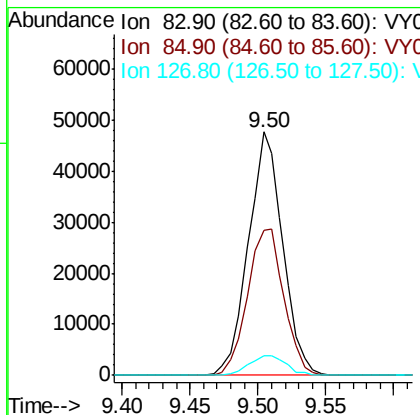
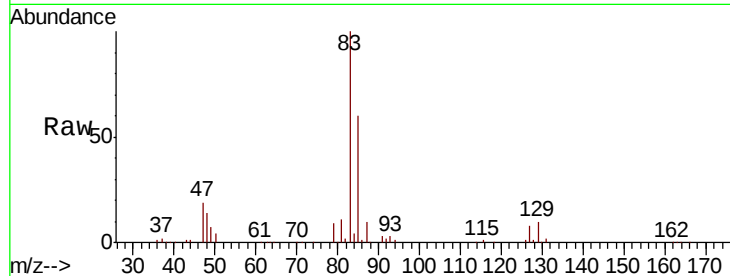
ClientSampleId :

VY1022SBS01

Tot Ion:	83	Resp:	84382
Ion	Ratio	Lower	Upper
83	100		
85	59.8	52.2	78.2
127	8.1	6.3	9.5

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#48

Methyl methacrylate

Concen: 19.585 ug/l

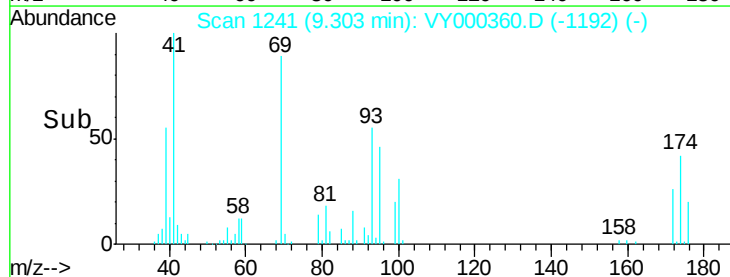
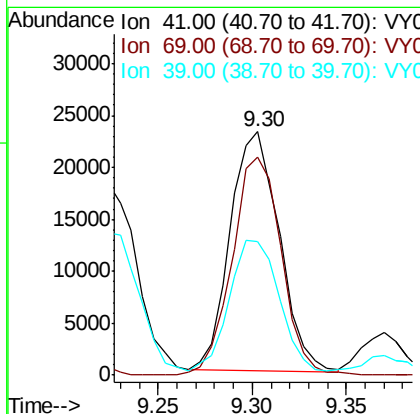
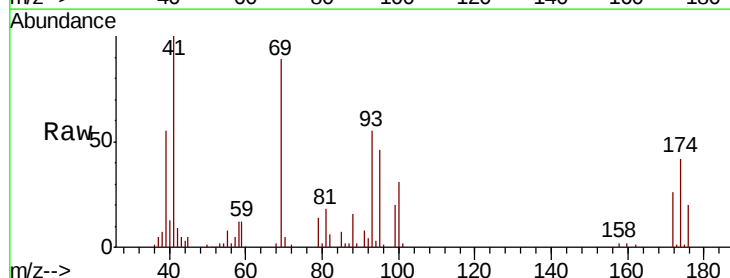
RT: 9.30 min Scan# 1241

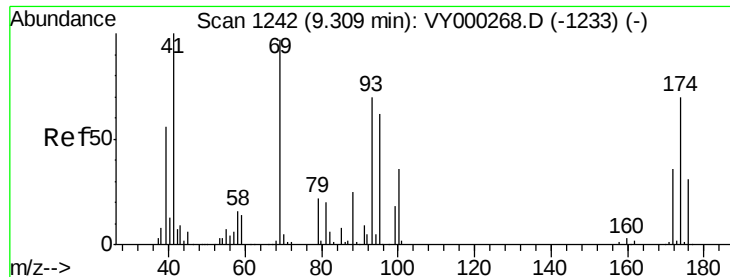
Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion:	41	Resp:	41739
Ion	Ratio	Lower	Upper
41	100		
69	91.0	70.0	105.0
39	58.8	47.7	71.5





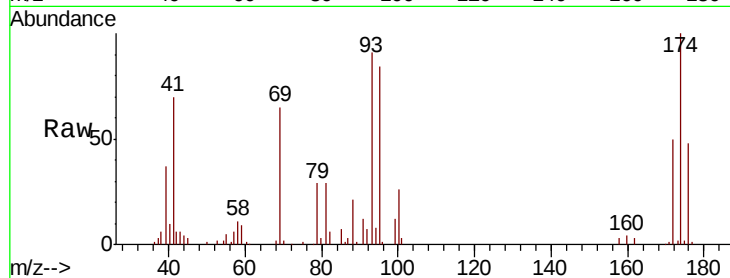
#49
1,4-Dioxane
Concen: 363.750 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

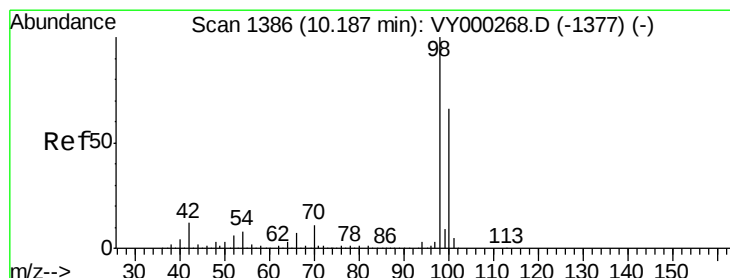
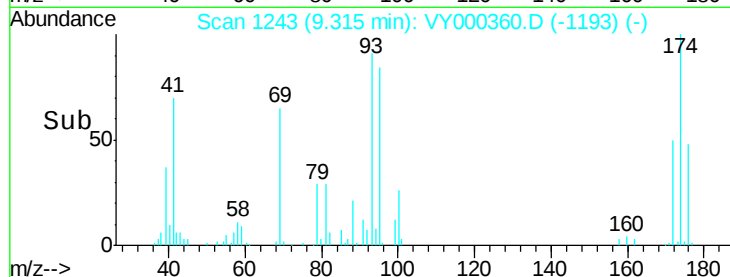
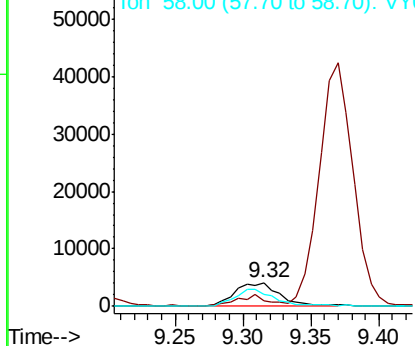
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.6	38.4
58	63.6	54.6	81.8

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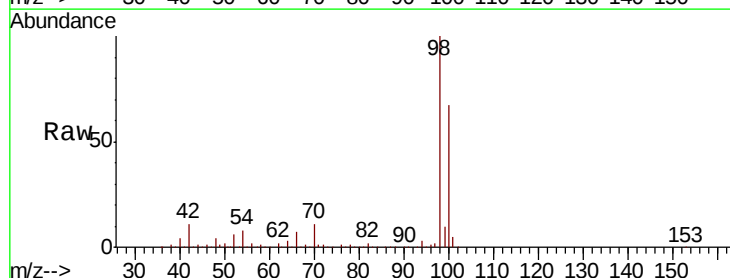


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

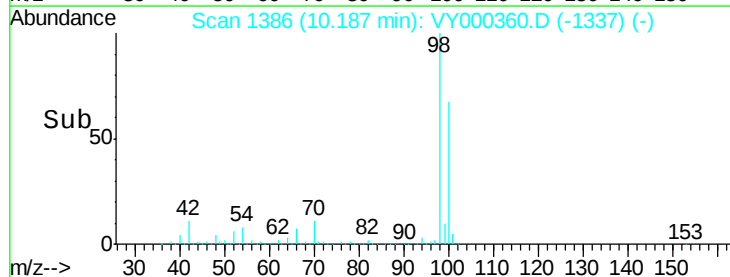
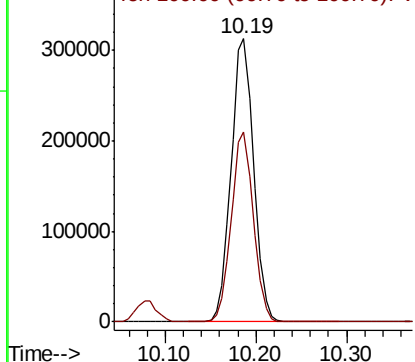


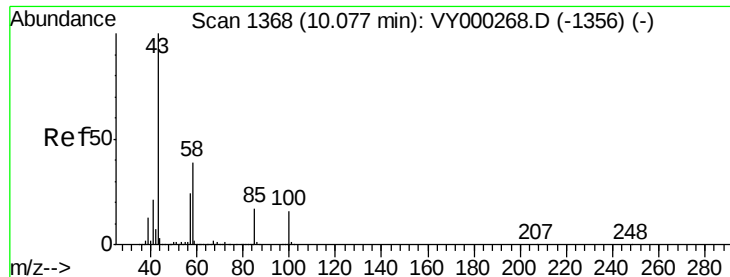
#50
Toluene-d8
Concen: 52.678 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 102.080 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 43 Resp: 256027

Ion Ratio Lower Upper

43 100

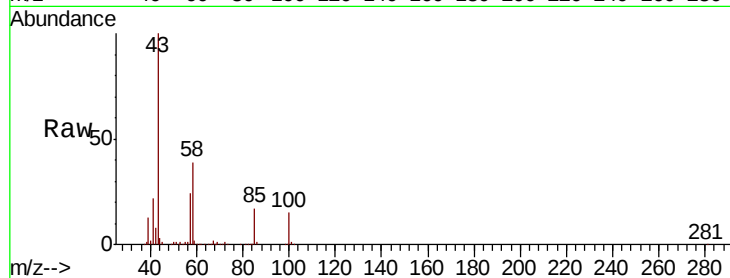
58 38.9 31.0 46.6

Manual Integrations

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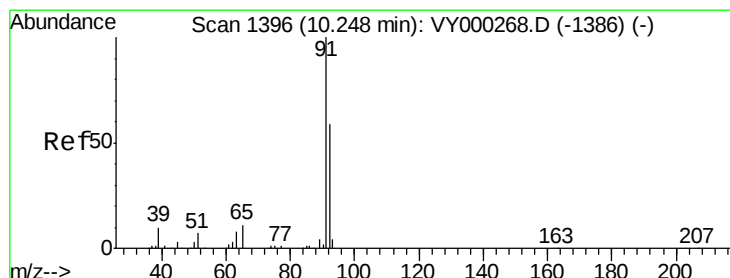
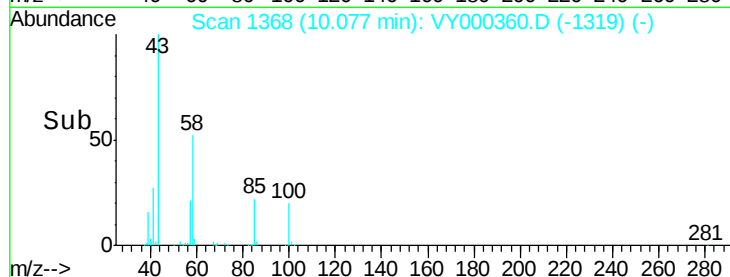
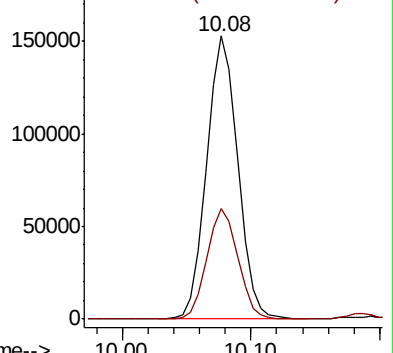
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.880 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000360.D

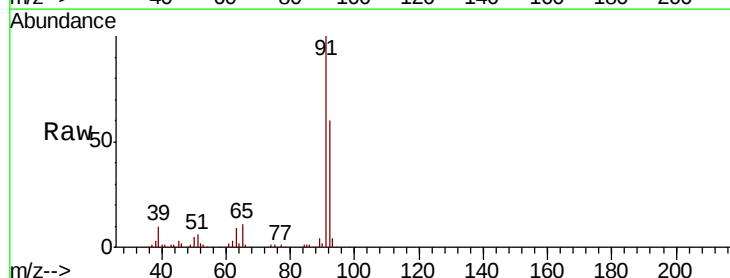
Acq: 22 Oct 2019 13:18

Tgt Ion: 92 Resp: 165465

Ion Ratio Lower Upper

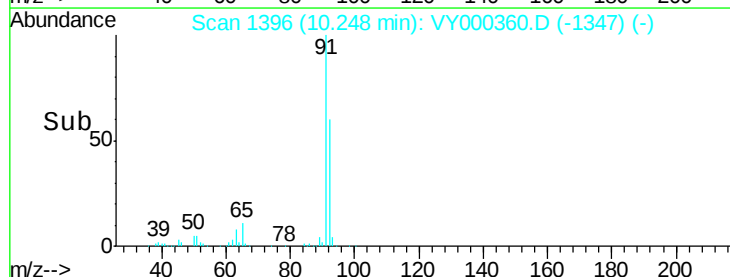
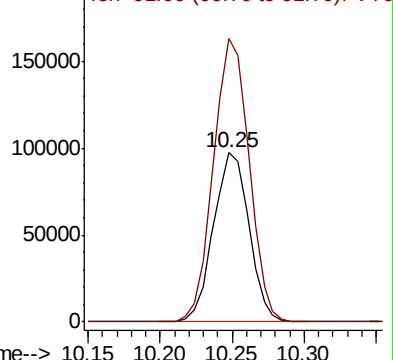
92 100

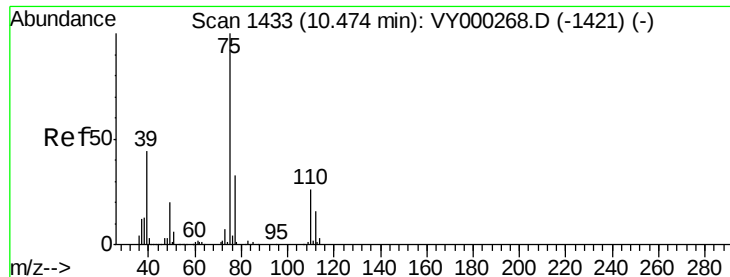
91 168.9 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.760 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 75 Resp: 89781

Ion Ratio Lower Upper

75 100

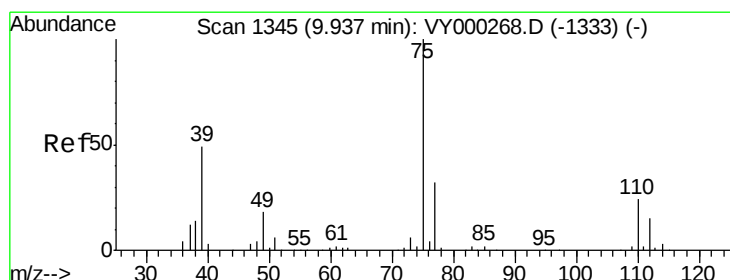
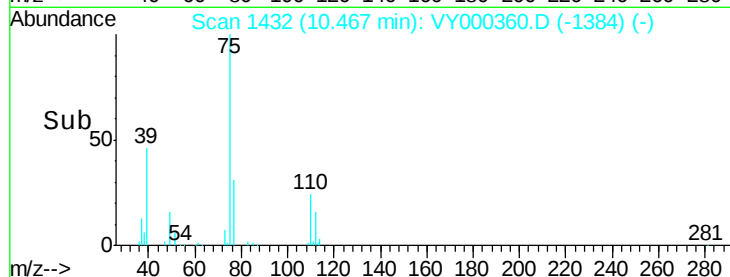
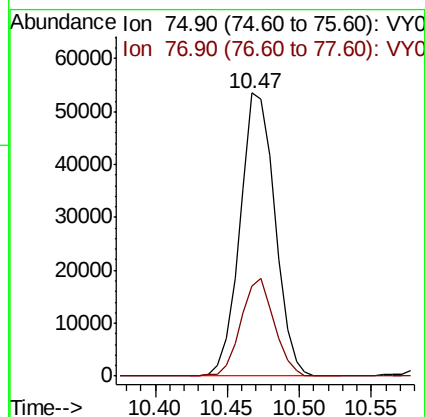
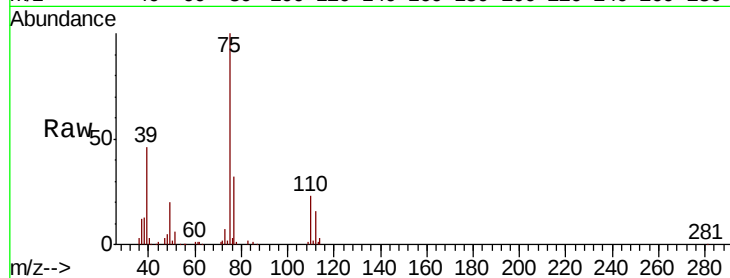
77 31.7 26.0 39.0

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#54

cis-1,3-Dichloropropene

Concen: 20.812 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

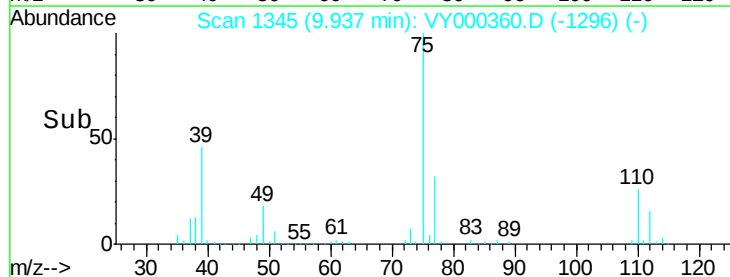
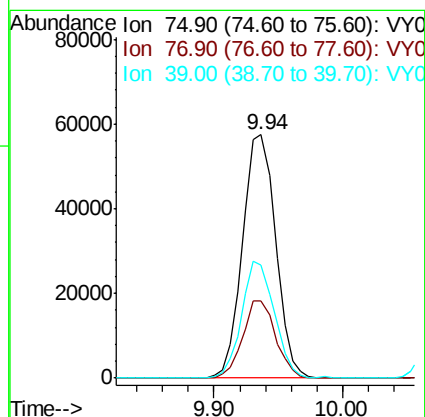
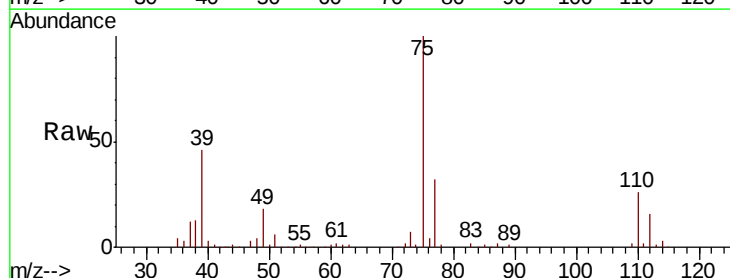
Tgt Ion: 75 Resp: 102216

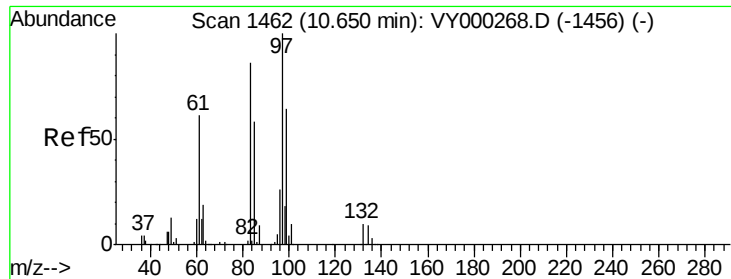
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

39 46.3 38.8 58.2





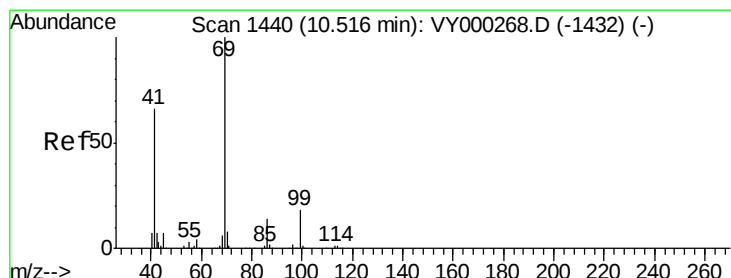
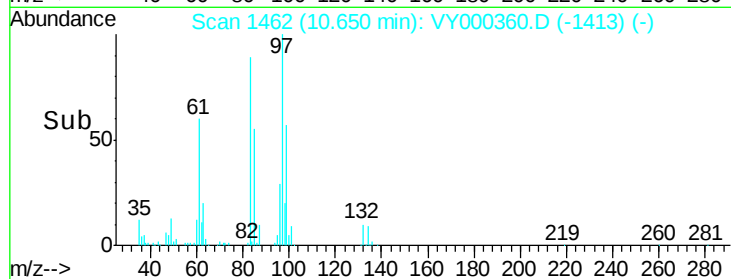
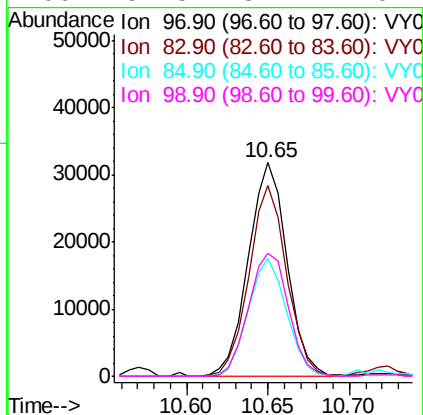
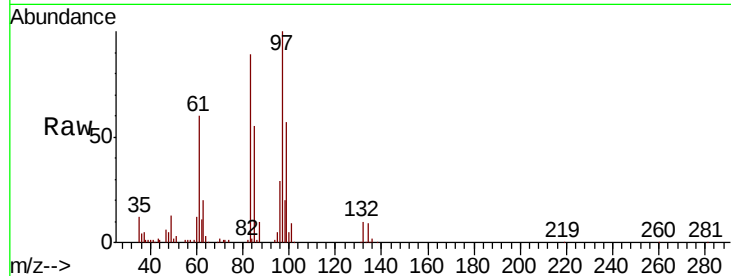
#55
 1,1,2-Trichloroethane
 Concen: 21.050 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion:	97	Resp:	52407
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.0	103.6
85	55.2	46.2	69.4
99	57.5	51.1	76.7

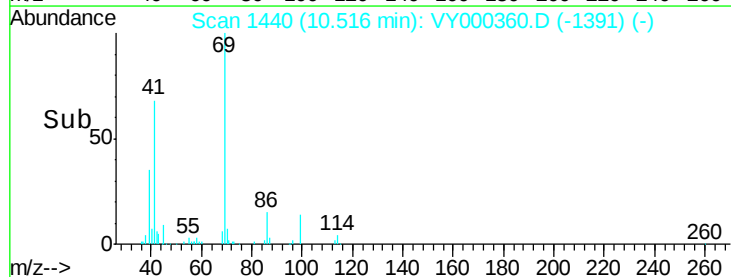
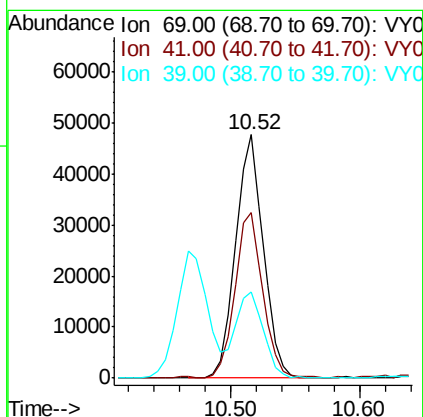
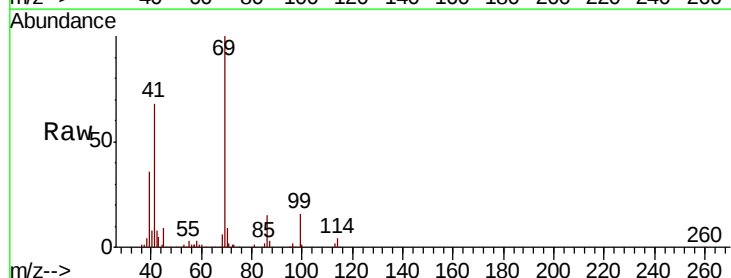
Manual Integrations
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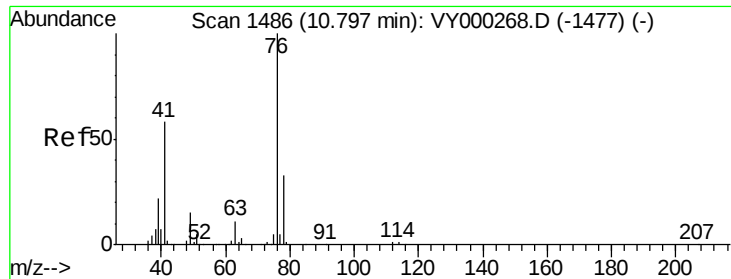
MMDadoda
 10/24/2019 4:34:09 PM



#56
 Ethyl methacrylate
 Concen: 20.028 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion:	69	Resp:	71073
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.5	78.7
39	36.2	26.7	40.1





#57

1,3-Dichloropropane

Concen: 21.217 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 76 Resp: 90719

Ion Ratio Lower Upper

76 100

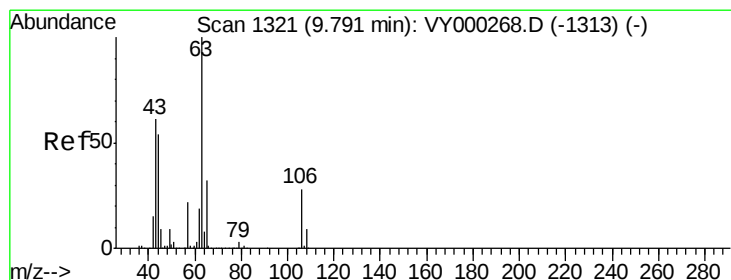
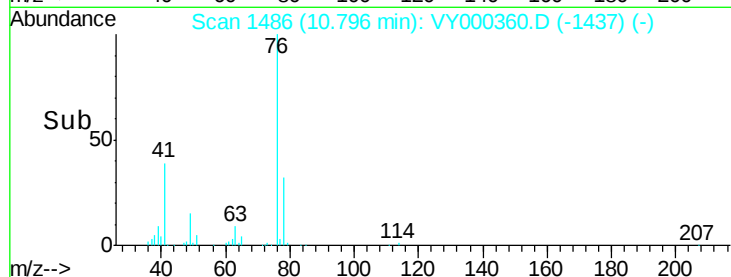
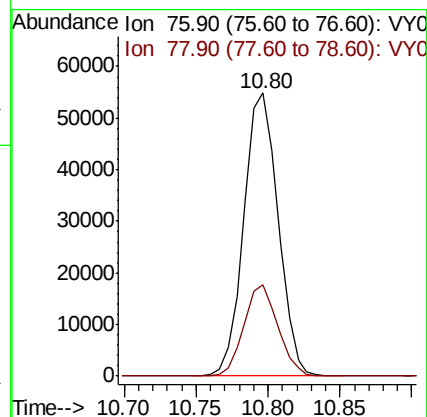
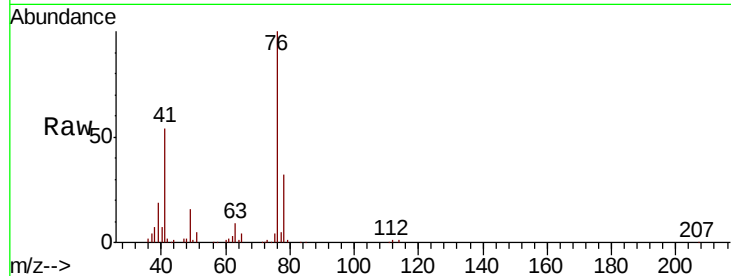
78 31.8 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 122.518 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000360.D

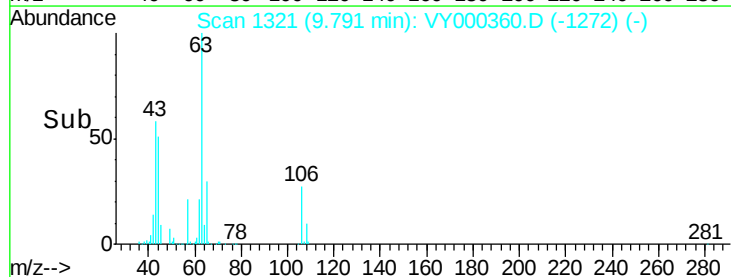
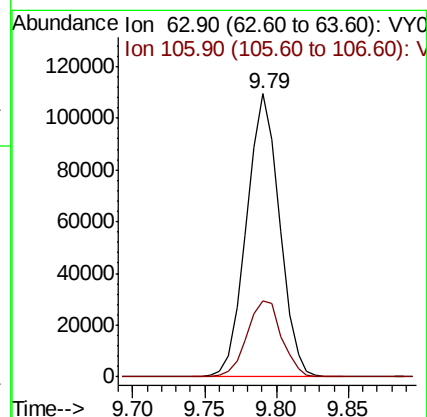
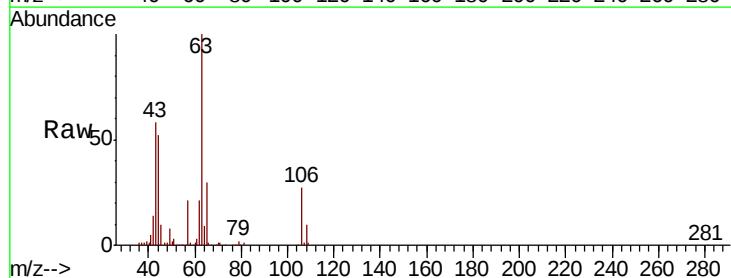
Acq: 22 Oct 2019 13:18

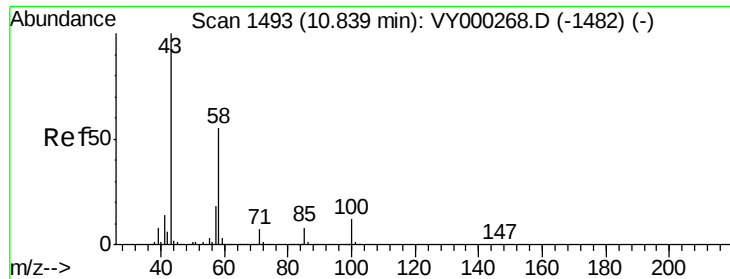
Tgt Ion: 63 Resp: 173419

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.4





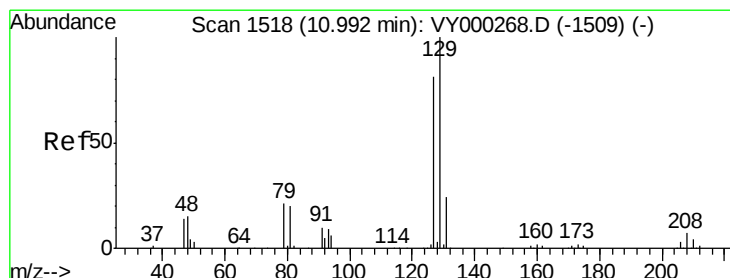
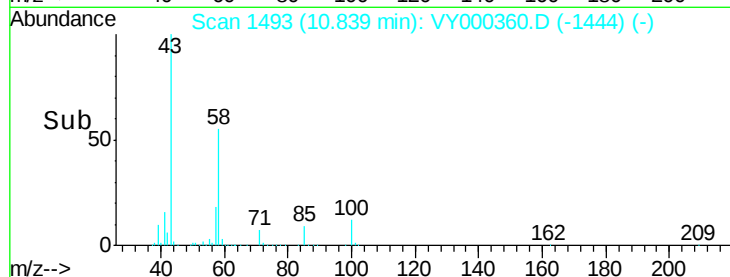
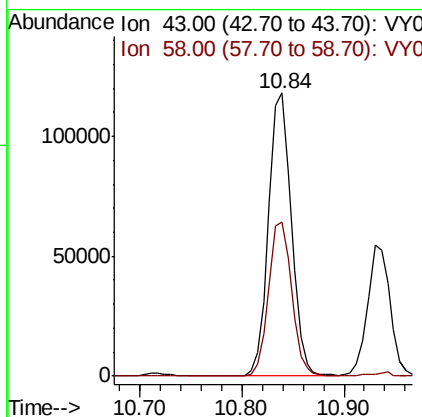
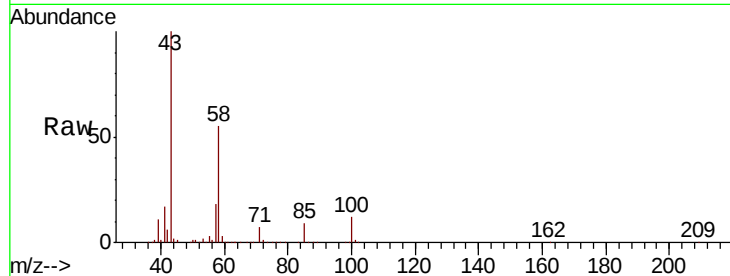
#59
2-Hexanone
Concen: 104.527 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 43 Resp: 184016
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

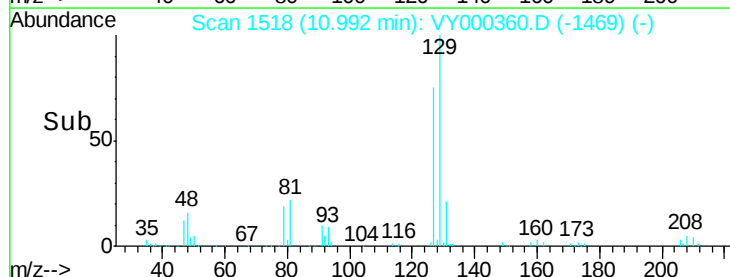
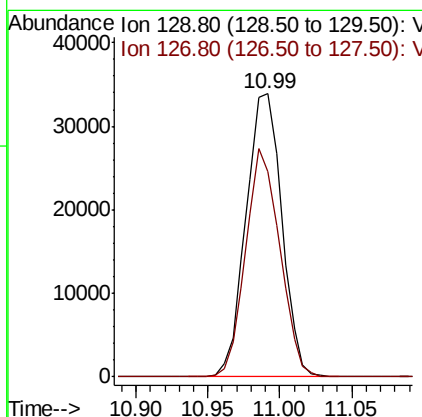
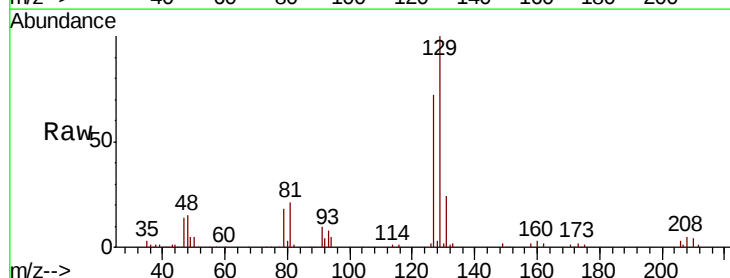
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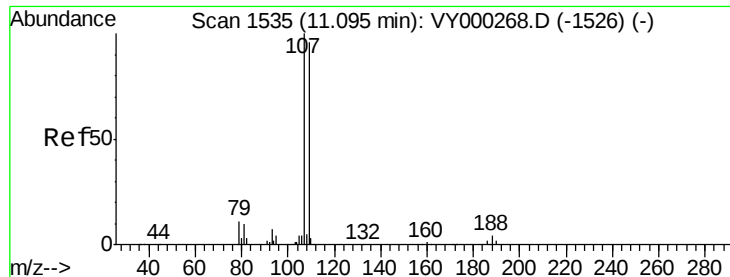
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#60
Dibromochloromethane
Concen: 21.163 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 129 Resp: 58398
Ion Ratio Lower Upper
129 100
127 76.8 39.9 119.7





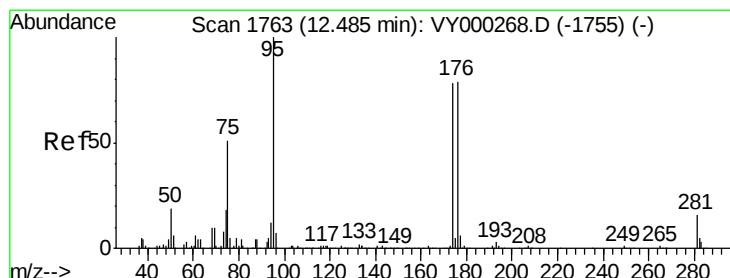
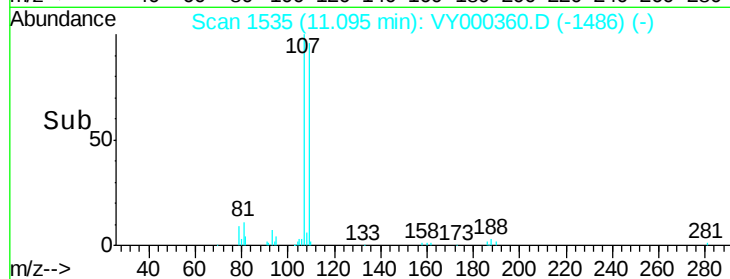
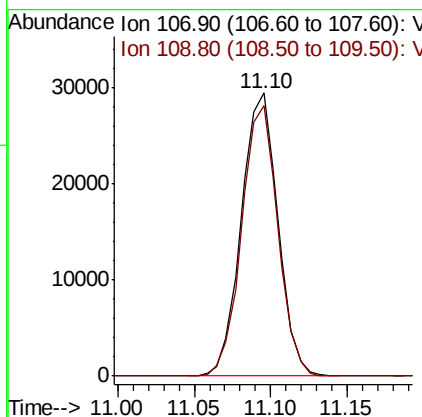
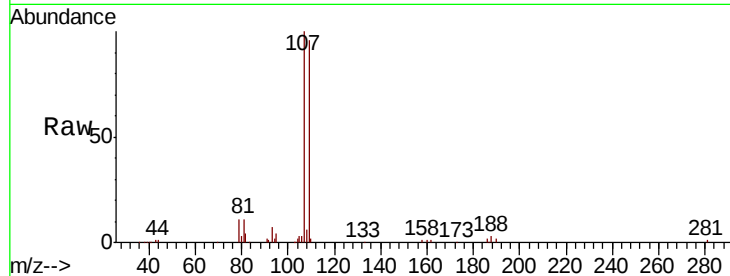
#61
 1,2-Dibromoethane
 Concen: 20.448 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.1	112.7

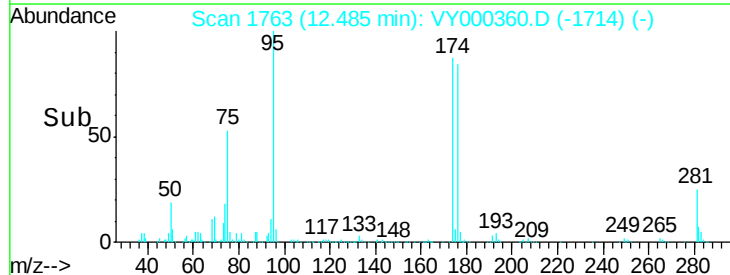
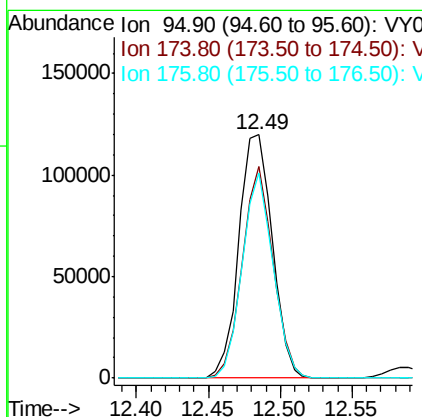
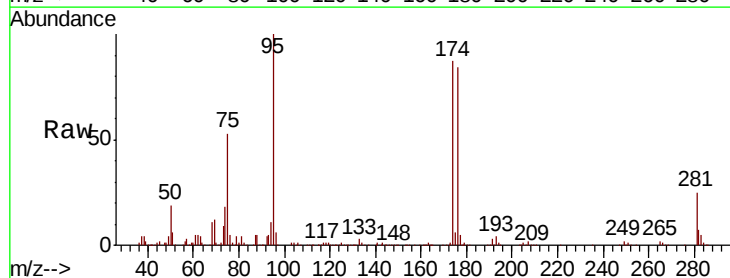
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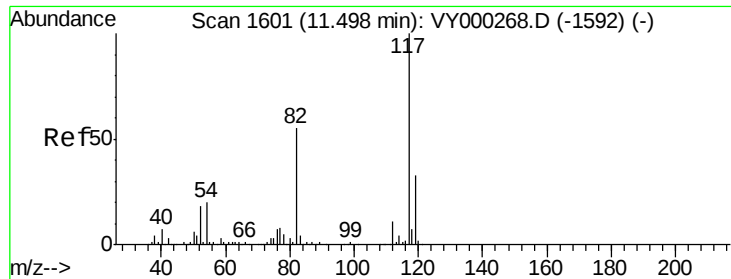
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#62
 4-Bromofluorobenzene
 Concen: 49.690 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	159.6
176	77.5	0.0	153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

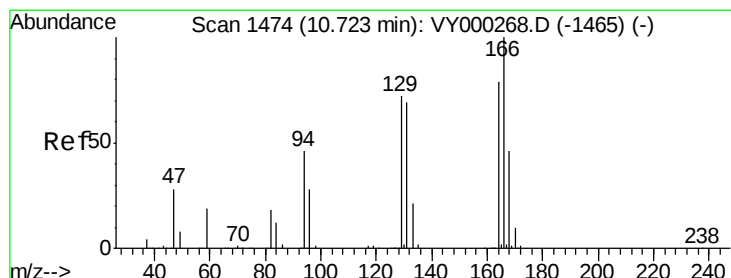
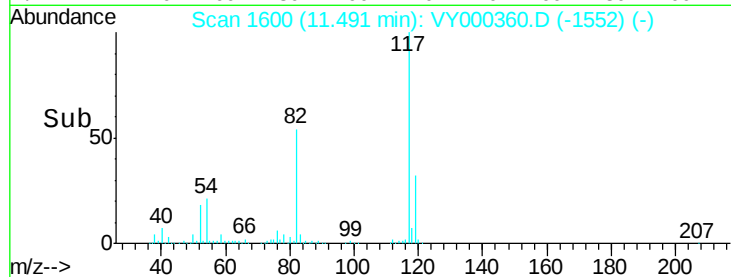
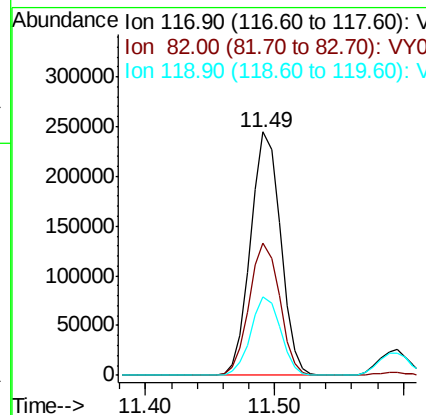
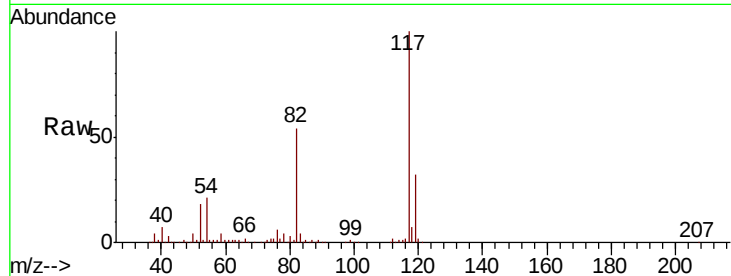
ClientSampleId :

VY1022SBS01

Tot Ion:	117	Resp:	393123
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.7	65.5
119	32.1	26.6	39.8

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#64

Tetrachloroethene

Concen: 21.119 ug/l

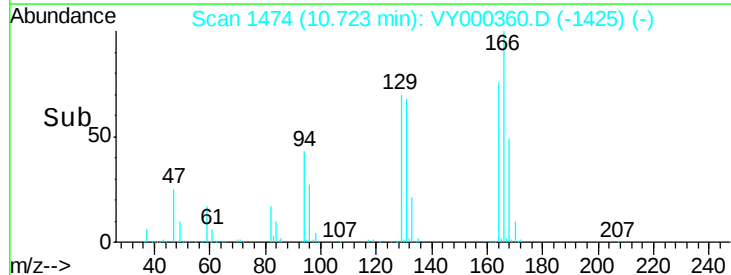
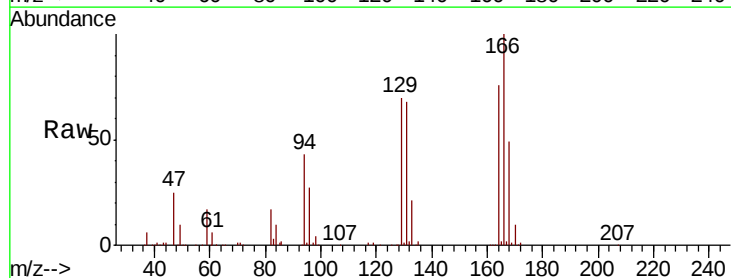
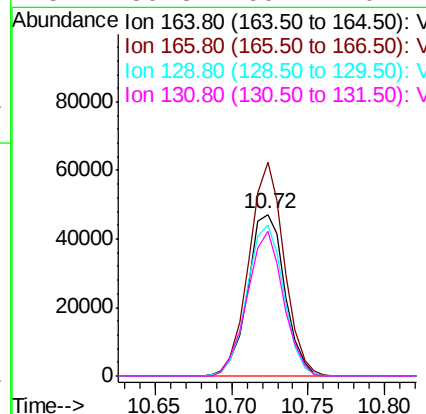
RT: 10.72 min Scan# 1474

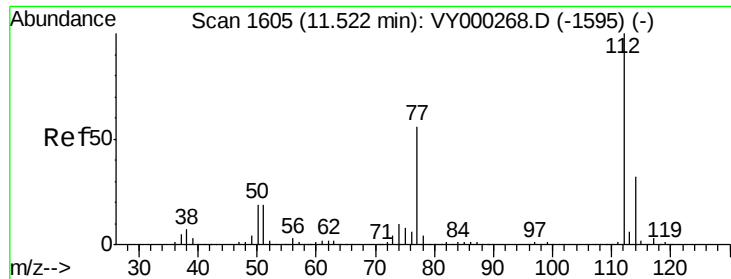
Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion:	164	Resp:	79041
Ion Ratio	Lower	Upper	
164	100		
166	132.1	100.6	151.0
129	93.1	72.8	109.2
131	89.3	69.4	104.2





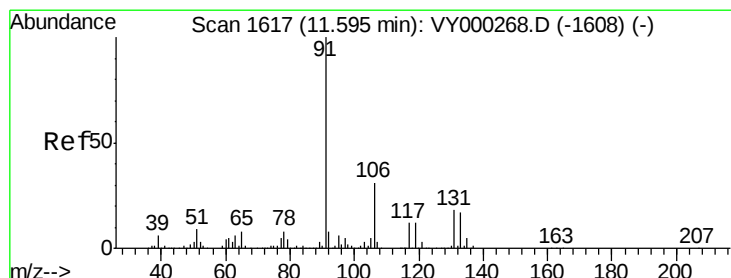
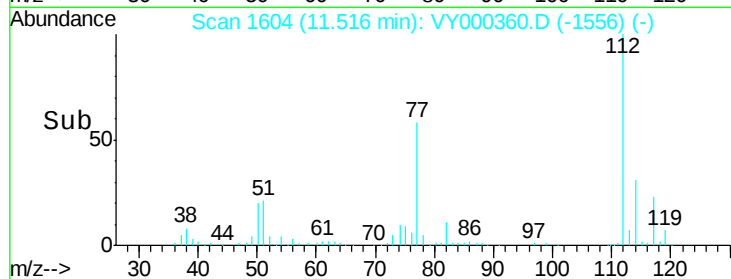
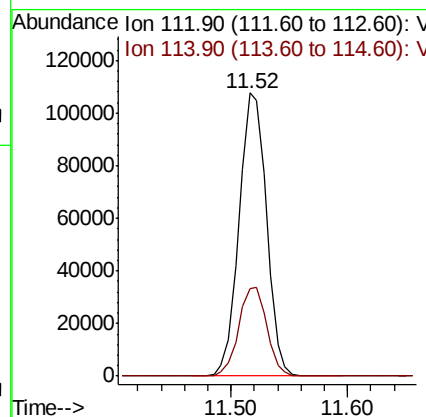
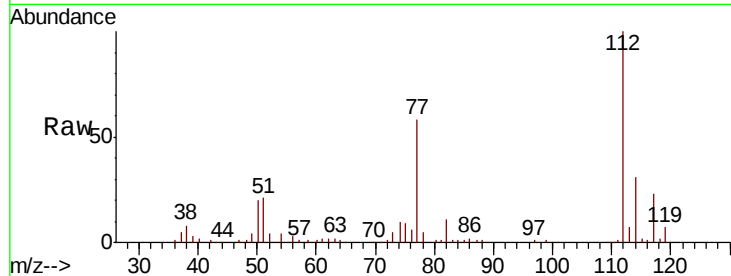
#65
Chlorobenzene
Concen: 21.341 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion:112 Resp: 177056
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

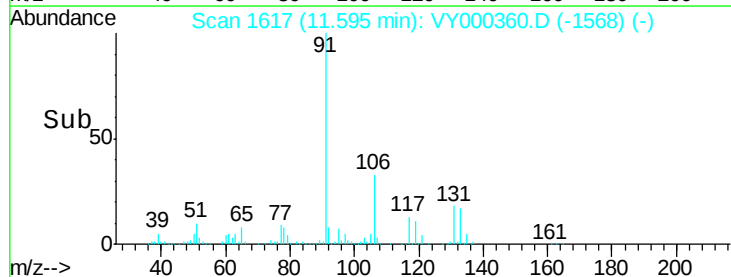
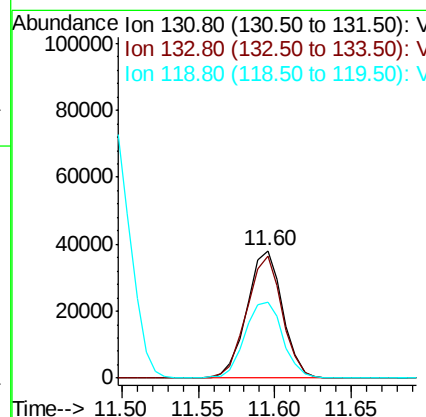
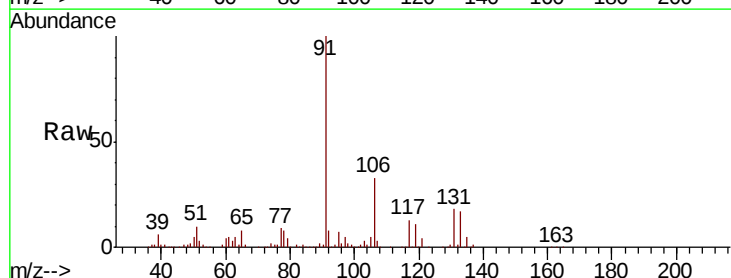
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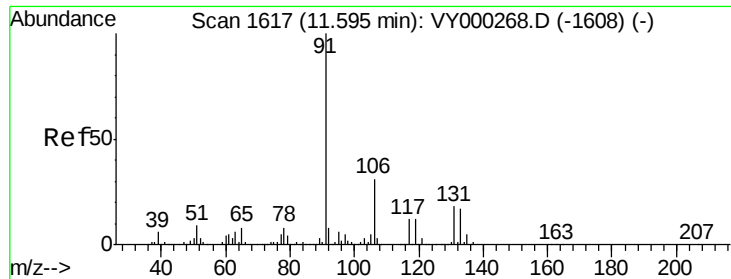
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.087 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion:131 Resp: 61458
Ion Ratio Lower Upper
131 100
133 95.2 47.2 141.6
119 63.4 32.6 98.0





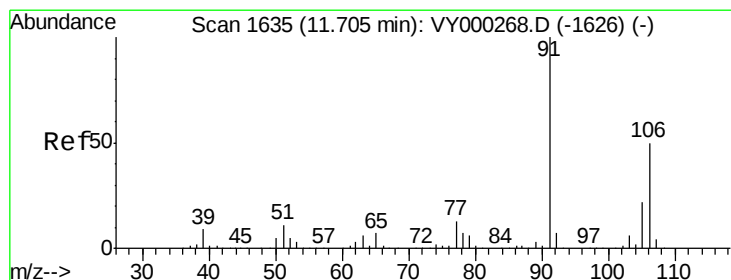
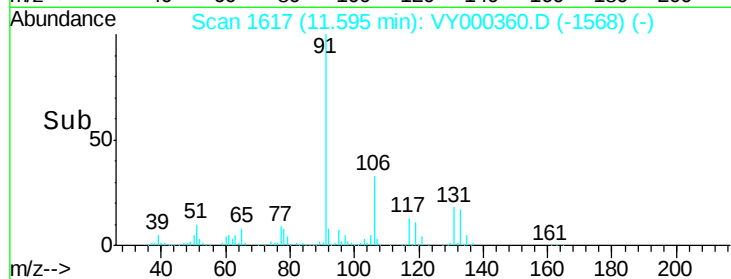
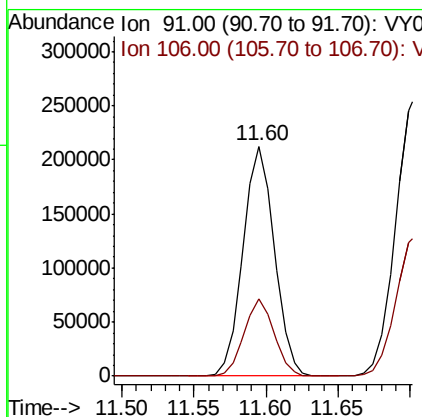
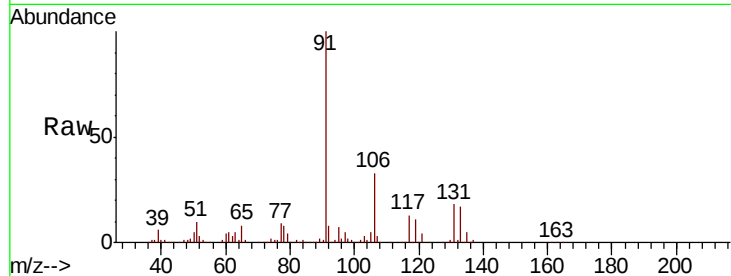
#67
Ethyl Benzene
Concen: 20.791 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 91 Resp: 319769
Ion Ratio Lower Upper
91 100
106 33.4 25.0 37.6

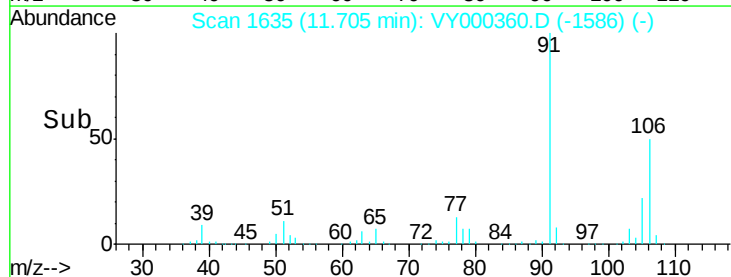
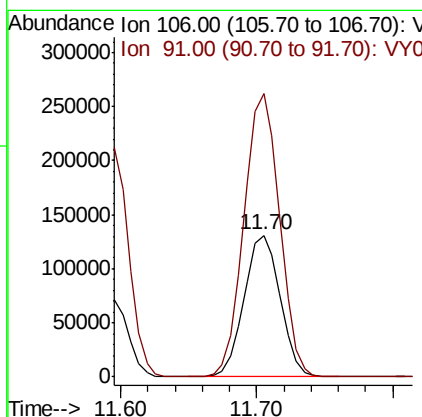
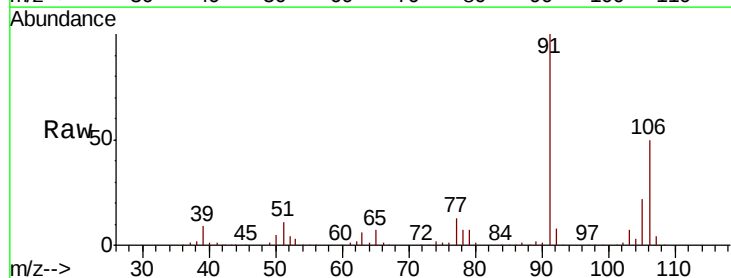
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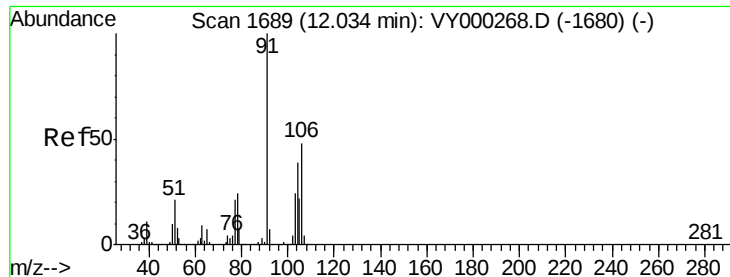
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#68
m/p-Xylenes
Concen: 41.225 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 106 Resp: 242384
Ion Ratio Lower Upper
106 100
91 198.5 157.5 236.3





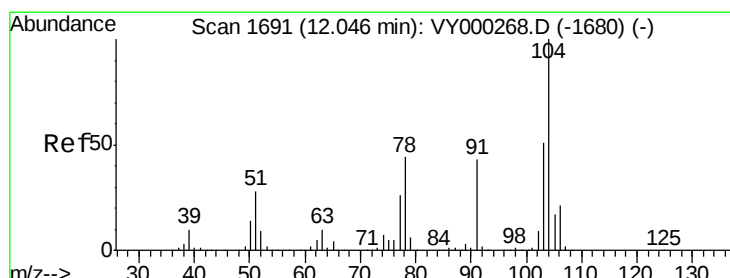
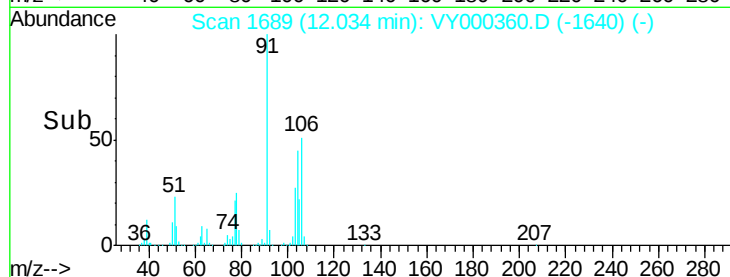
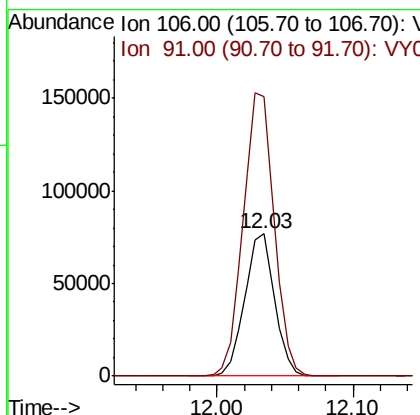
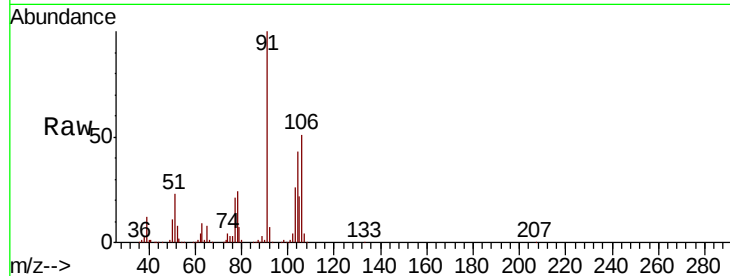
#69
o-Xylene
Concen: 21.110 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion:106 Resp: 118404
Ion Ratio Lower Upper
106 100
91 205.7 104.7 313.9

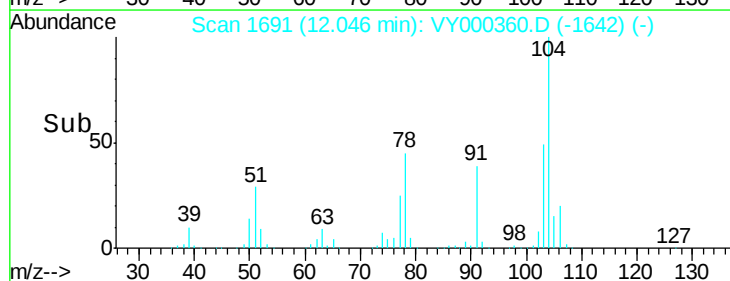
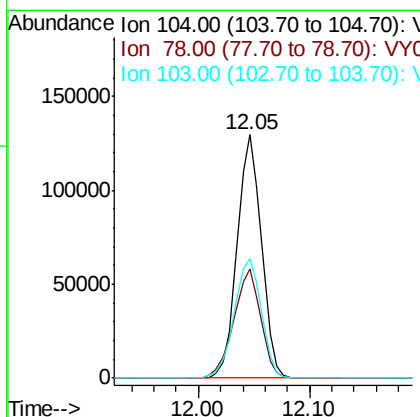
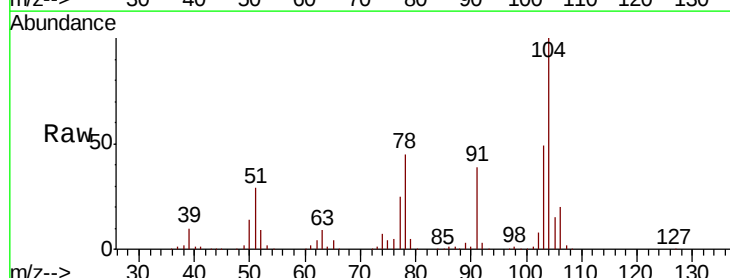
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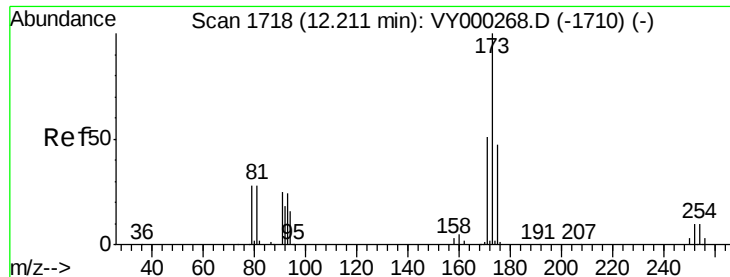
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#70
Styrene
Concen: 20.686 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion:104 Resp: 195681
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.5 43.1 64.7





#71

Bromoform

Concen: 20.891 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion:173 Resp: 35001

Ion Ratio Lower Upper

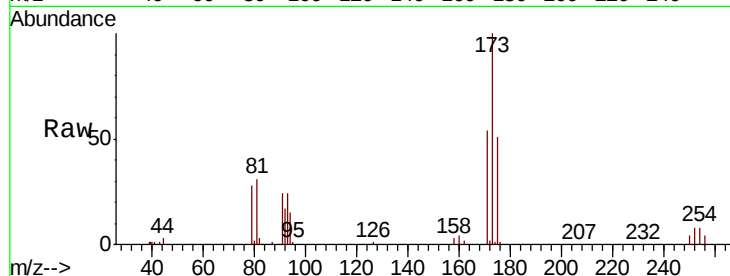
173 100

175 48.8 24.6 73.6

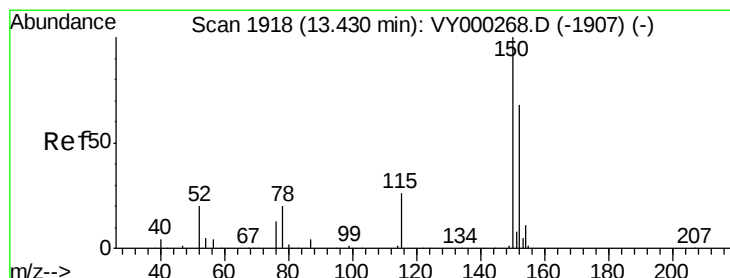
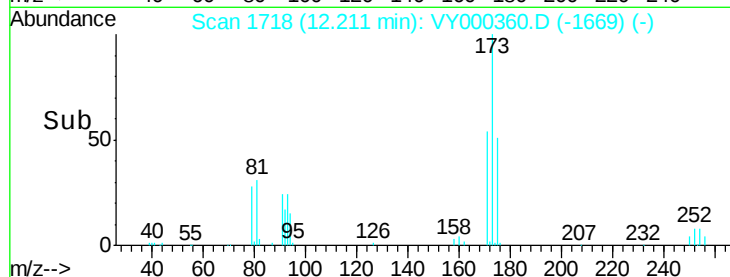
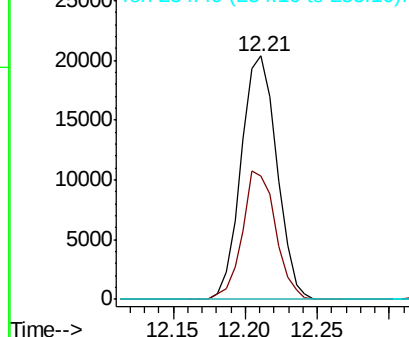
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

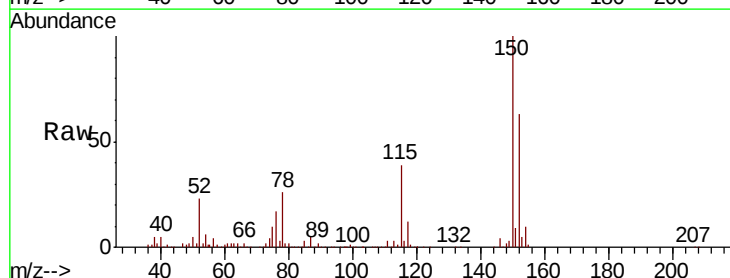
Tgt Ion:152 Resp: 194343

Ion Ratio Lower Upper

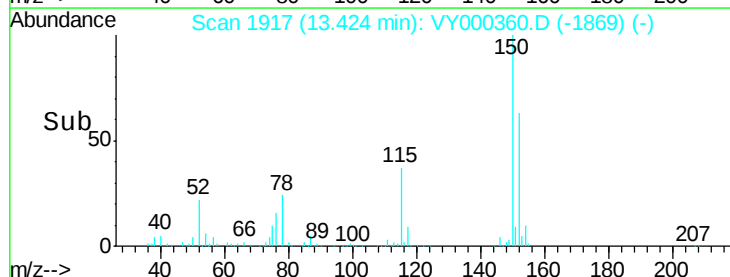
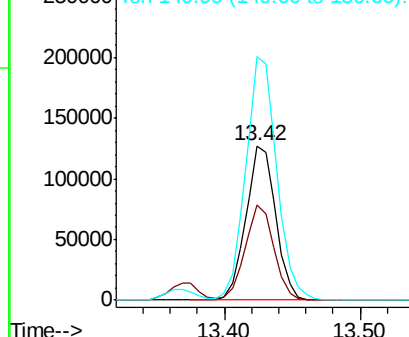
152 100

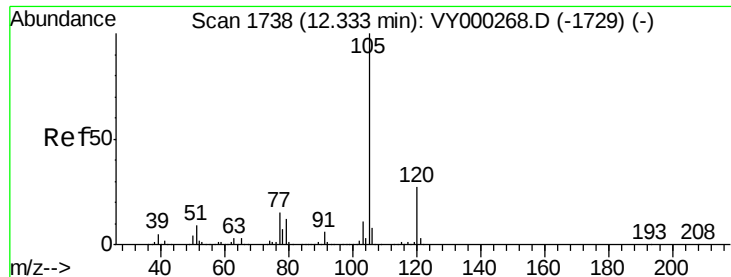
115 59.7 29.3 88.0

150 165.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.513 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 105 Resp: 310843

Ion Ratio Lower Upper

105 100

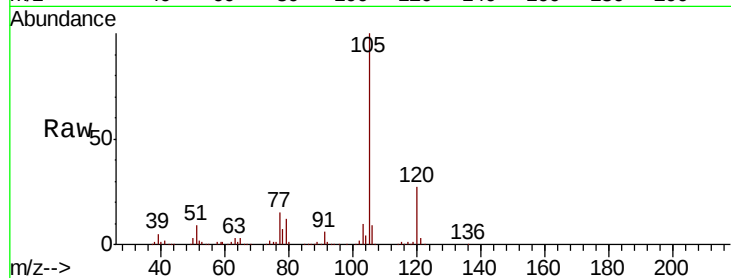
120 27.1 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

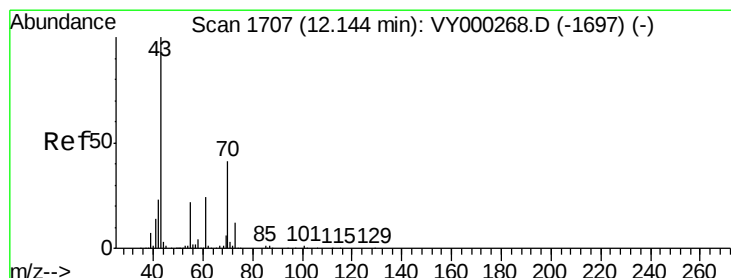
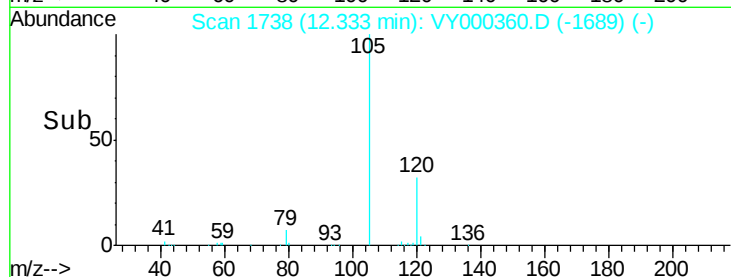
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.196 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion: 43 Resp: 86295

Ion Ratio Lower Upper

43 100

70 41.6 32.9 49.3

55 22.8 17.8 26.6

61 23.6 19.5 29.3

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

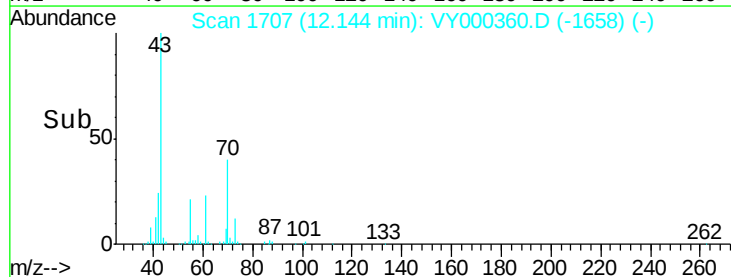
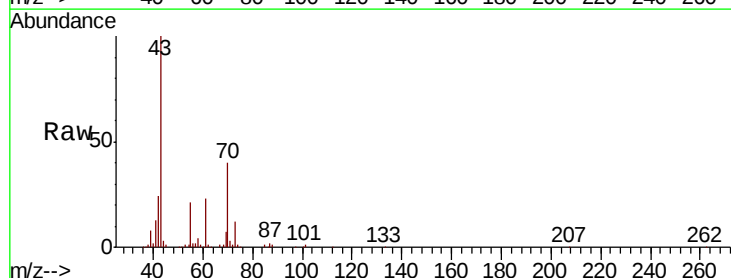
60000

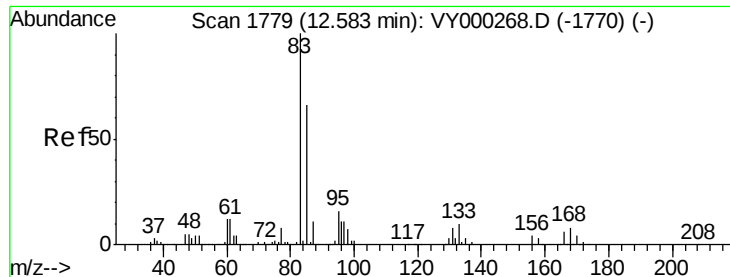
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.785 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

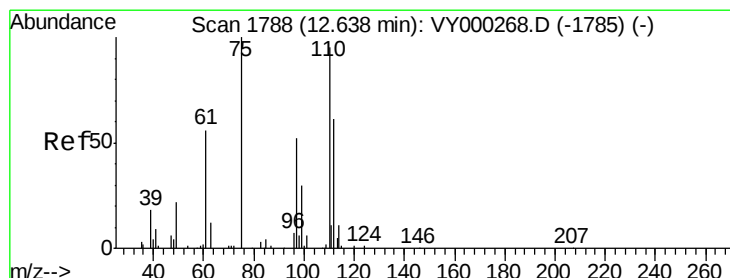
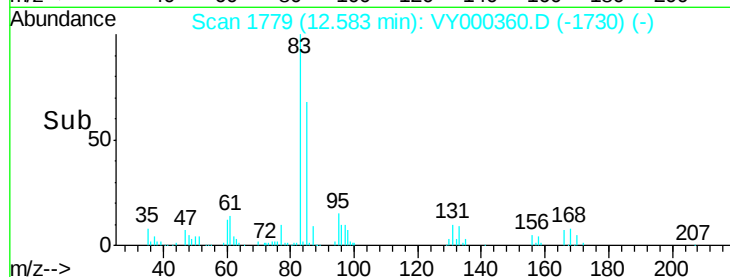
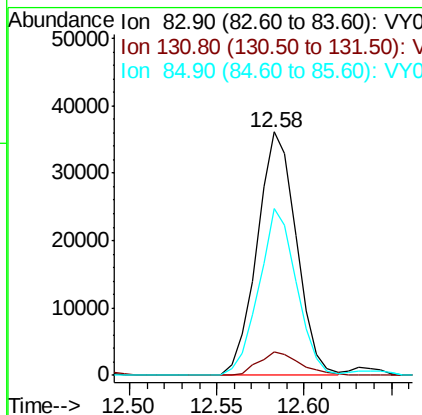
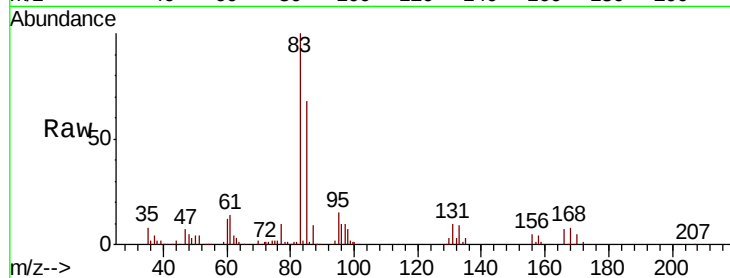
ClientSampleId :

VY1022SBS01

Tot Ion:	83	Resp:	56293
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	16.1
85	66.1	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.085 ug/l m

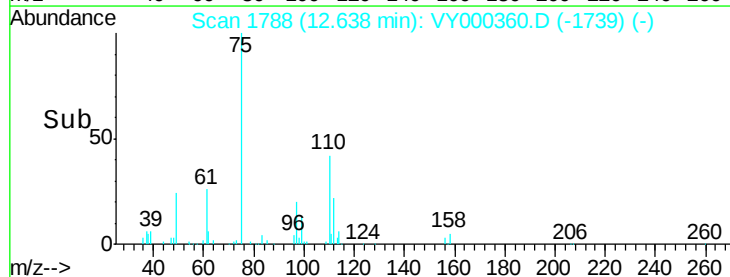
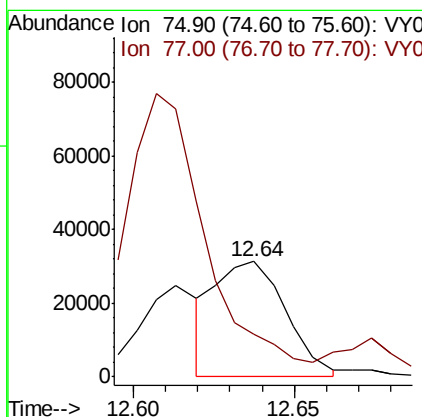
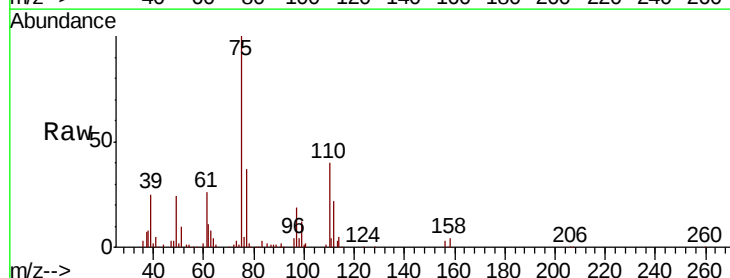
RT: 12.64 min Scan# 1788

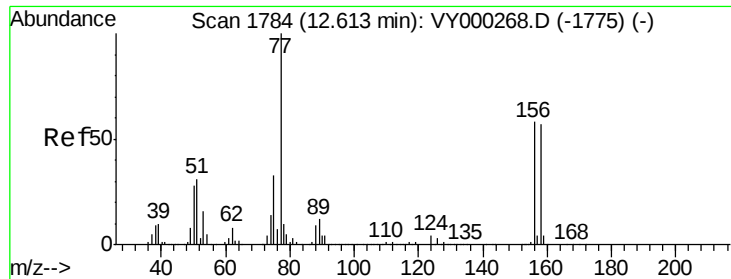
Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion:	75	Resp:	47999
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





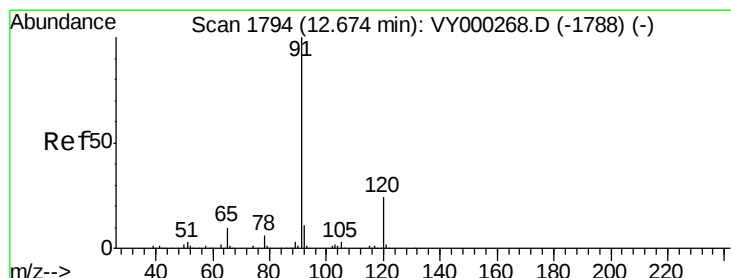
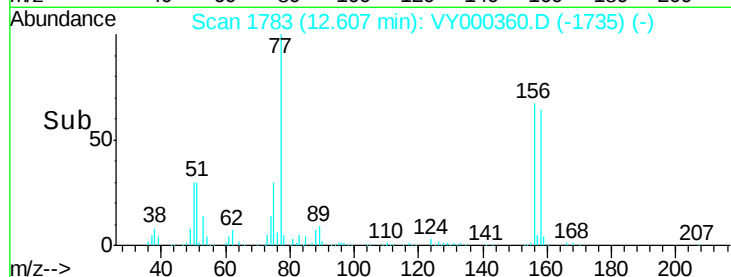
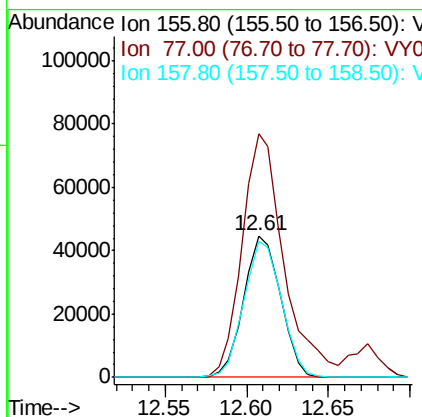
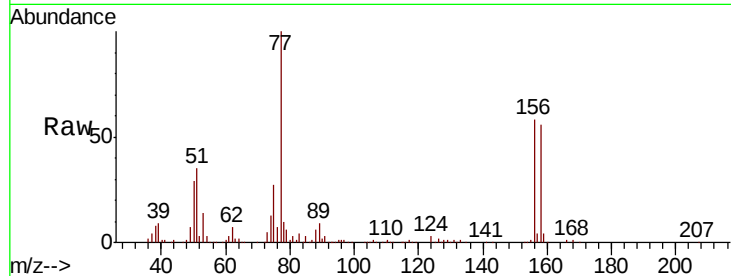
#77
Bromobenzene
Concen: 20.858 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.2	101.0	302.9
158	98.9	49.7	149.1

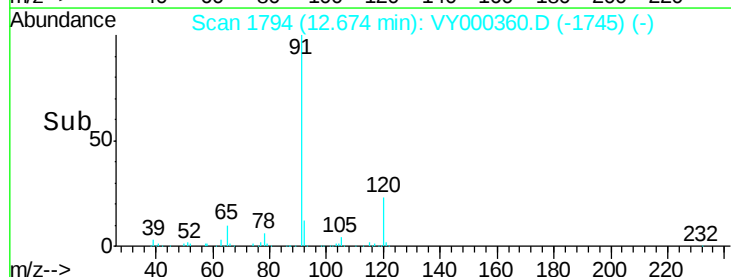
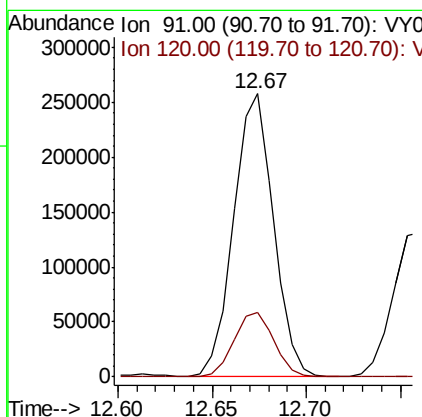
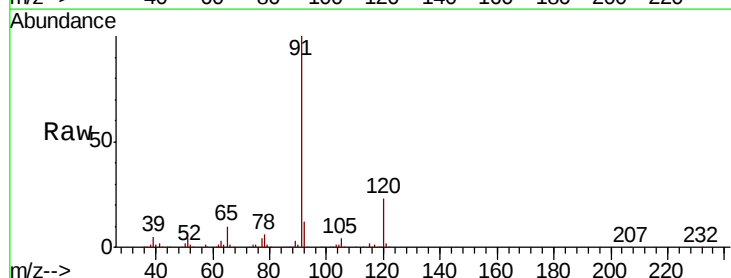
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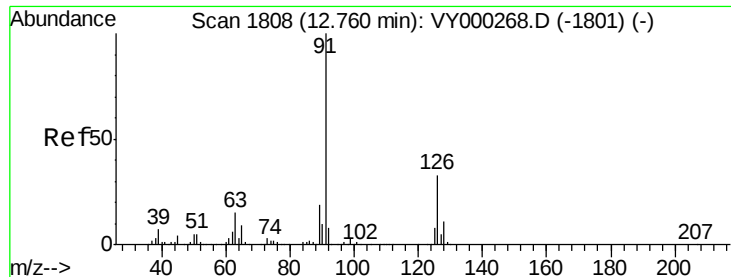
MMDadoda
10/24/2019 4:34:09 PM



#78
n-propylbenzene
Concen: 20.704 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5





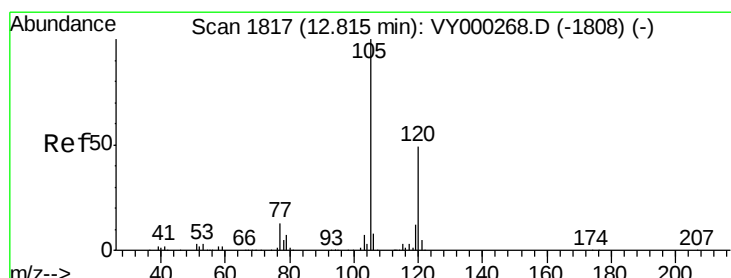
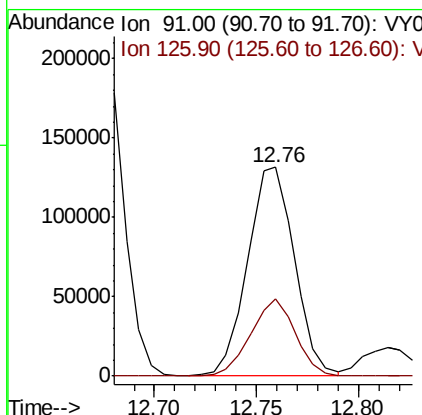
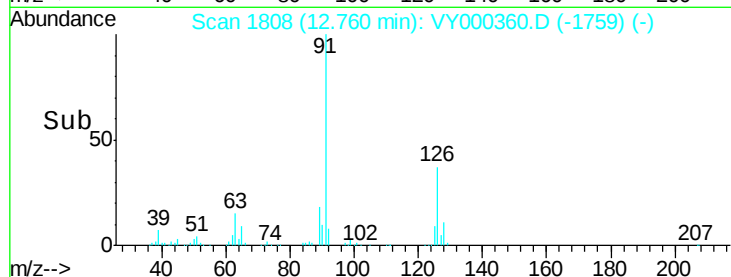
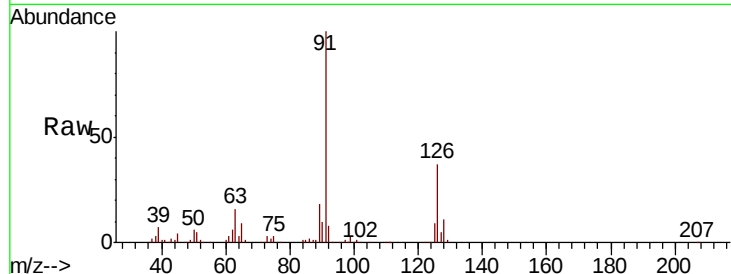
#79
2-Chlorotoluene
Concen: 21.007 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		211078		
126	35.3		17.1	51.3	

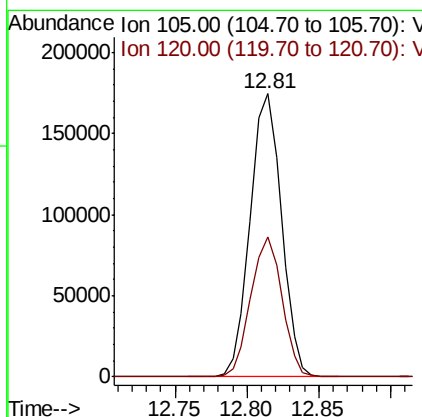
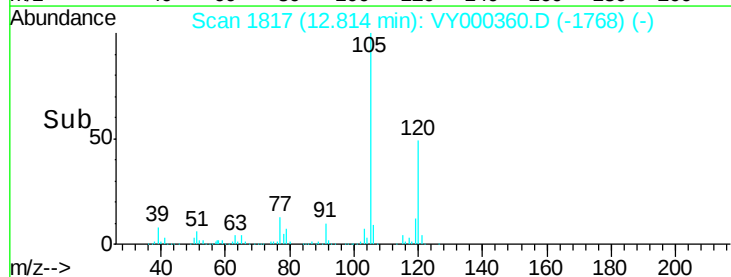
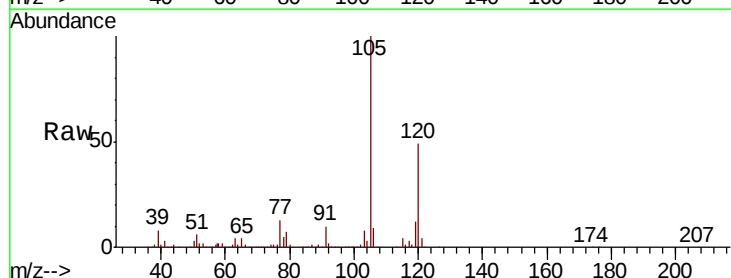
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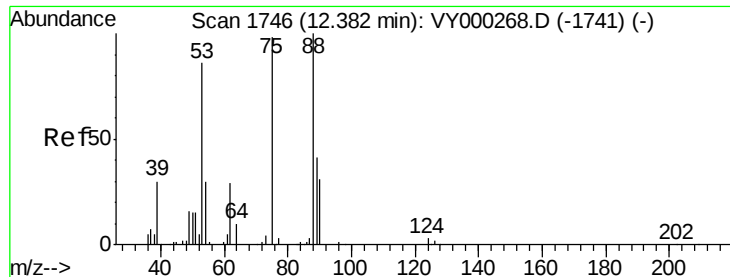
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.709 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		263147		
120	49.1		24.9	74.8	





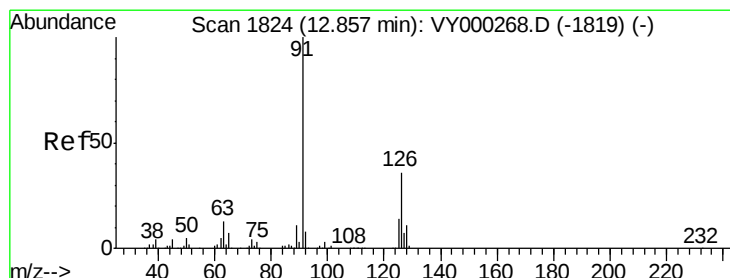
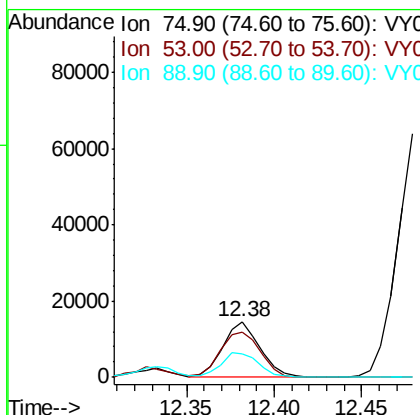
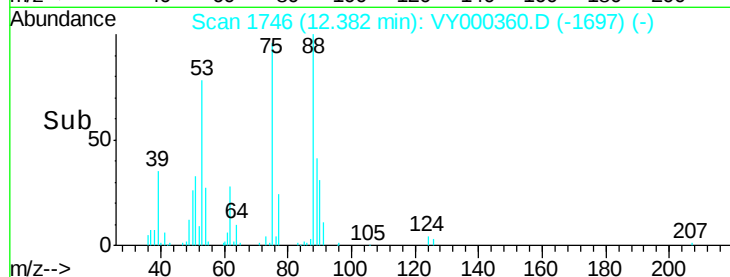
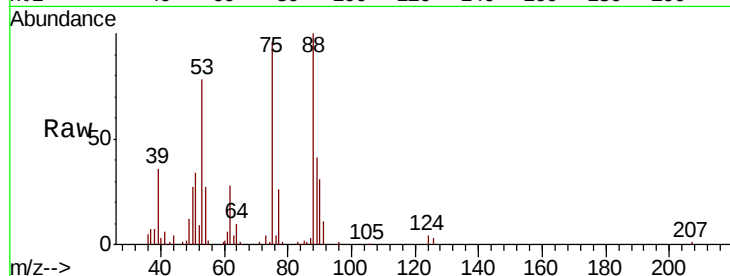
#81
trans-1,4-Dichloro-2-butene
Concen: 19.579 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	71.3	106.9
89	45.5	35.1	52.7

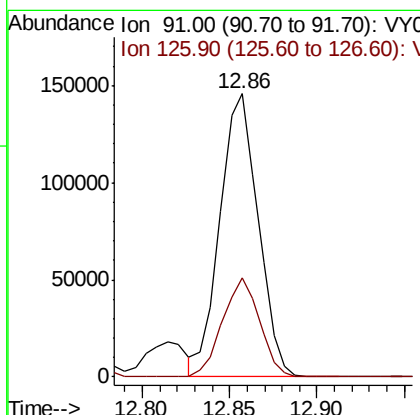
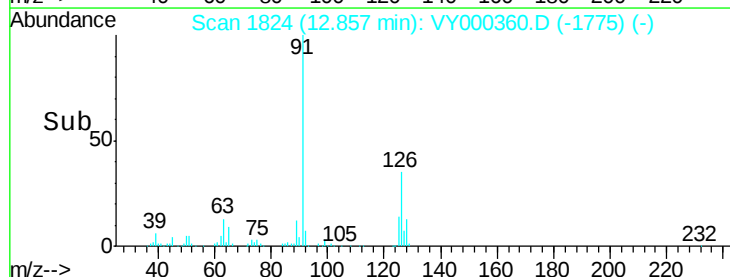
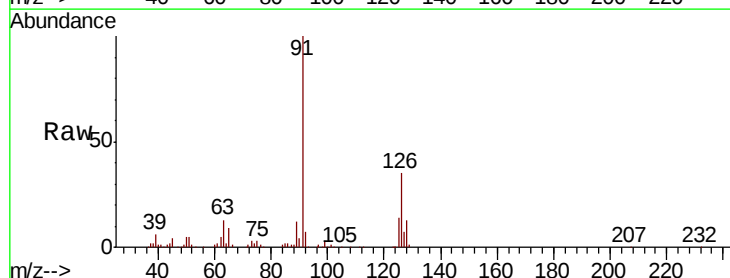
Manual Integrations
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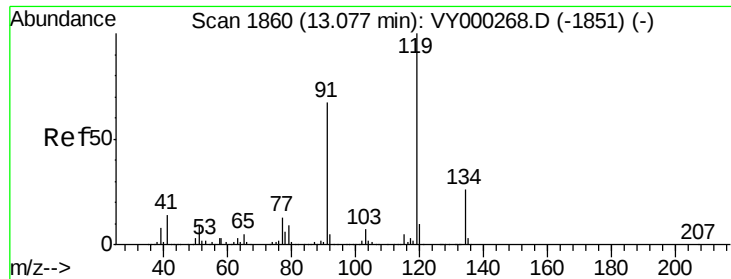
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.877 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.2	51.5





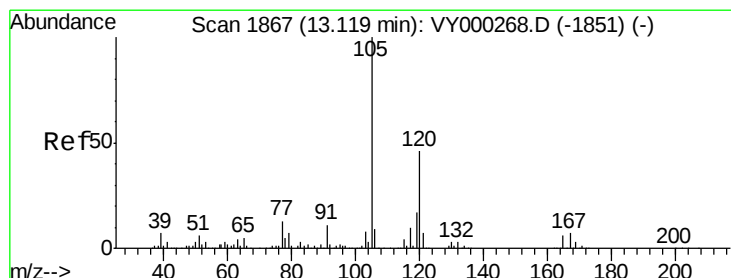
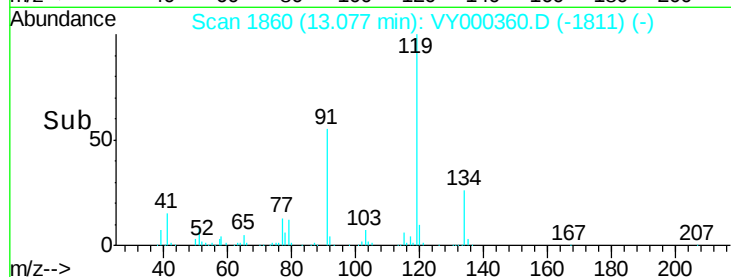
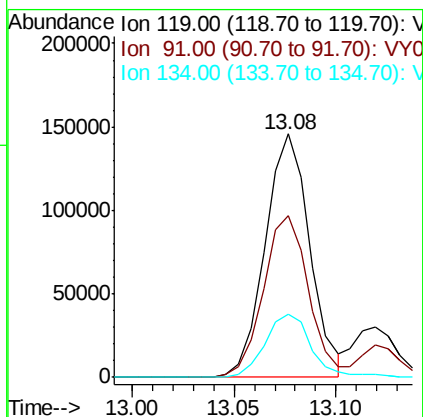
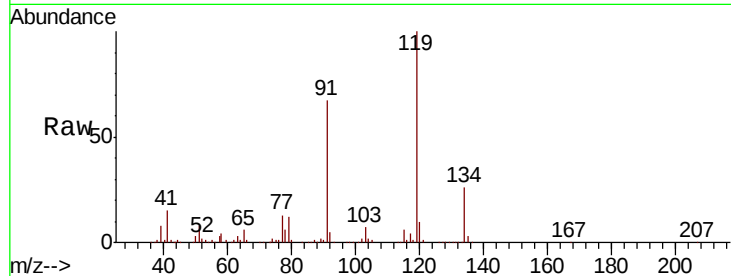
#83
 tert-Butylbenzene
 Concen: 20.684 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.9	98.7
134	27.3	13.3	39.8

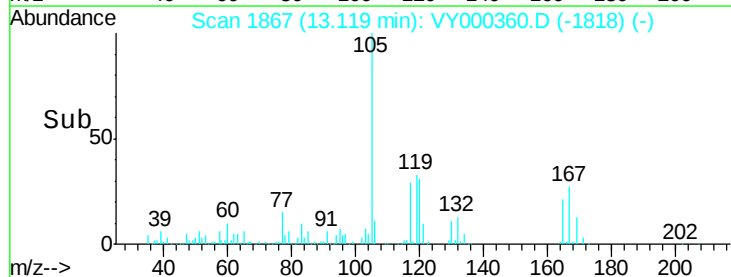
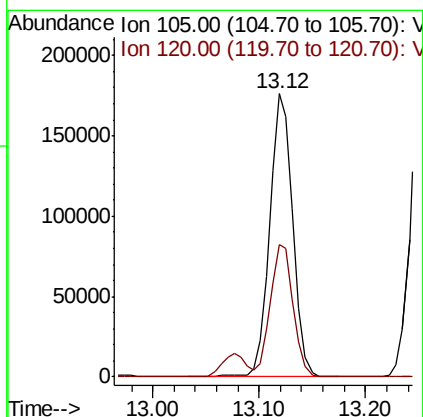
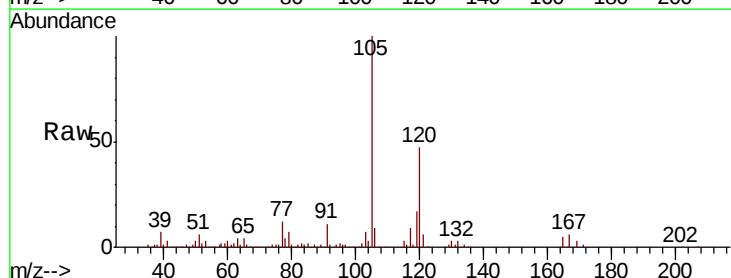
Manual Integrations
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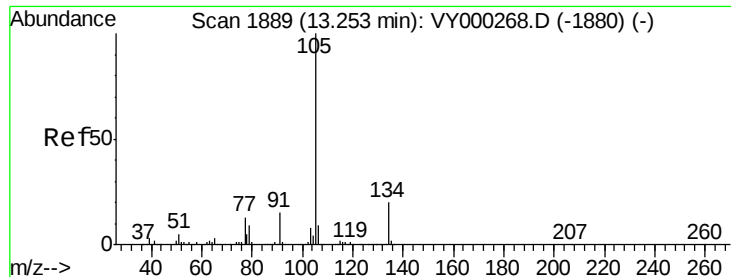
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.155 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 20.753 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion:105 Resp: 323046

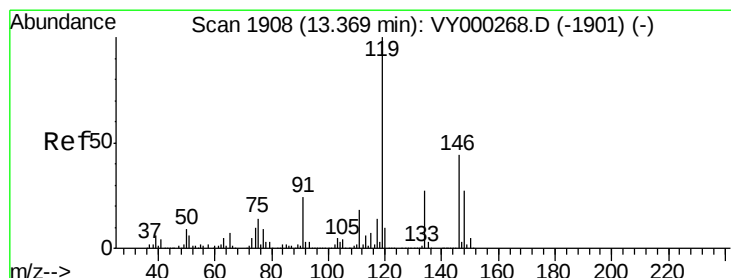
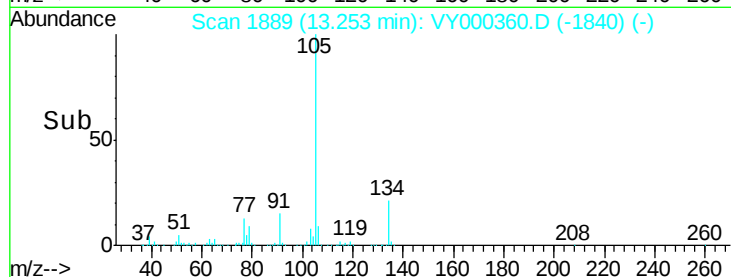
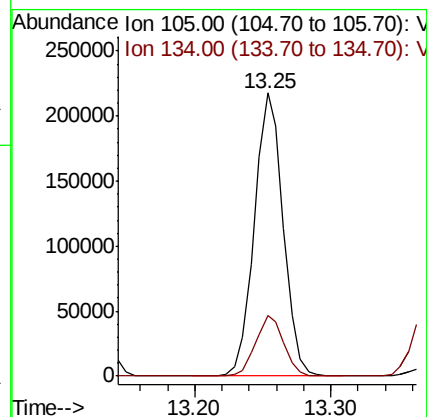
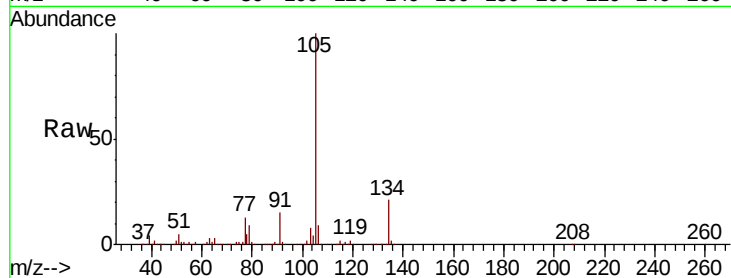
Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.293 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

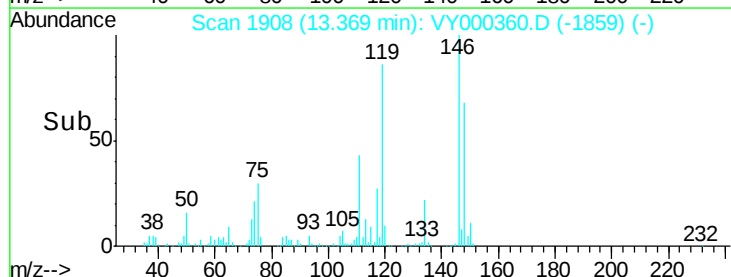
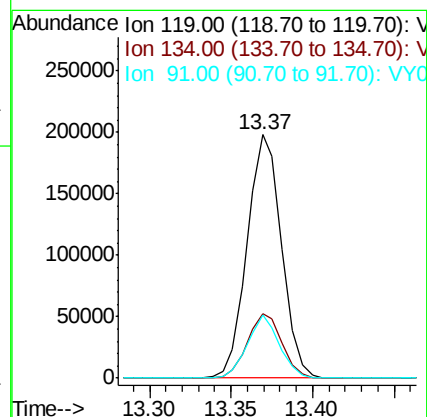
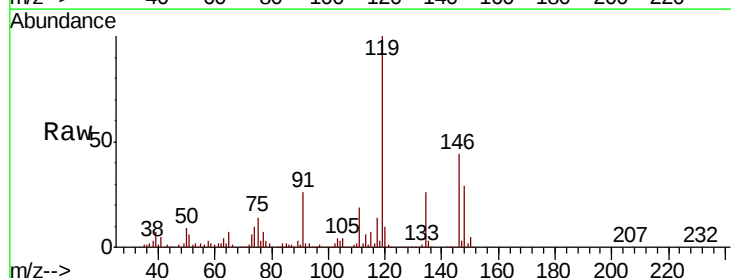
Tgt Ion:119 Resp: 288970

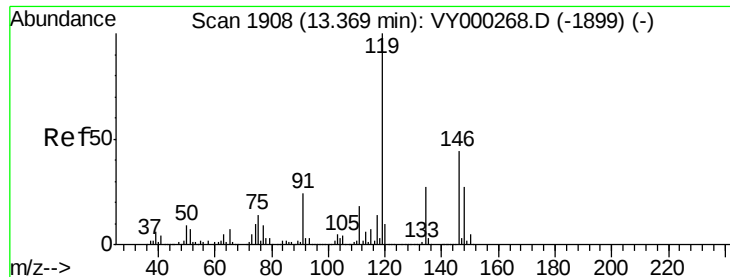
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.2 12.0 36.1





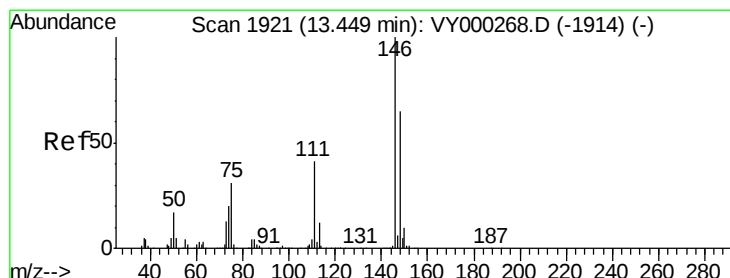
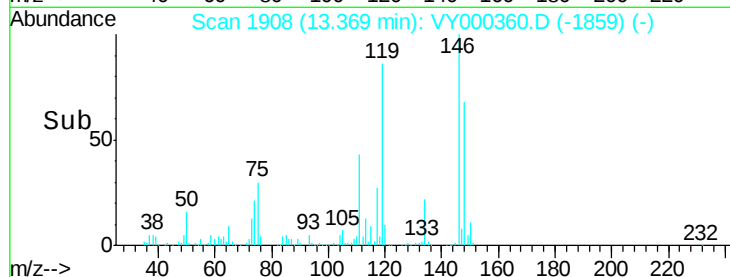
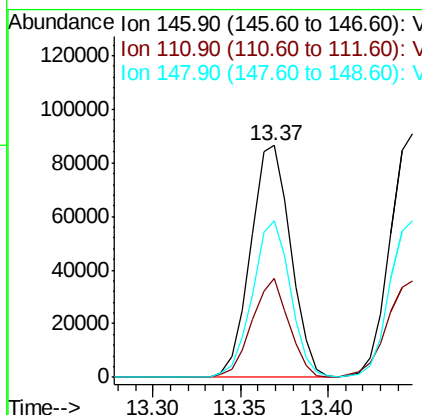
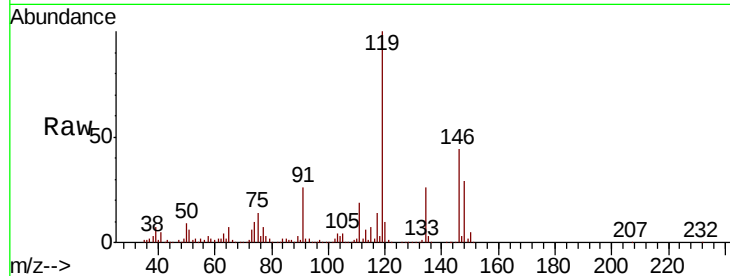
#87
 1,3-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.6	61.8
148	64.2	31.9	95.5

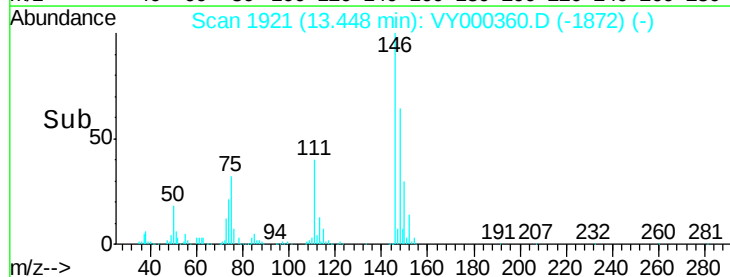
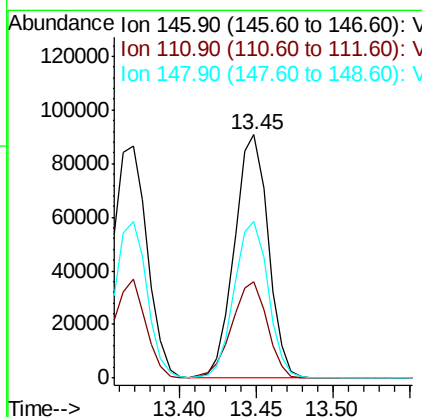
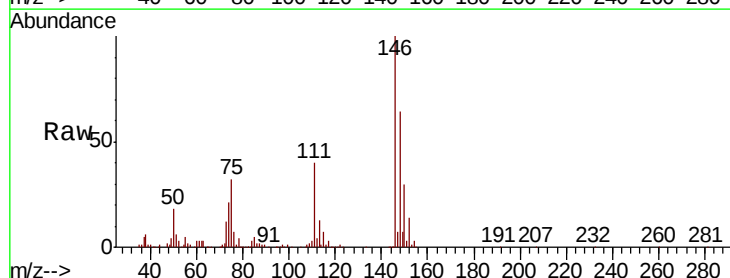
Manual Integrations
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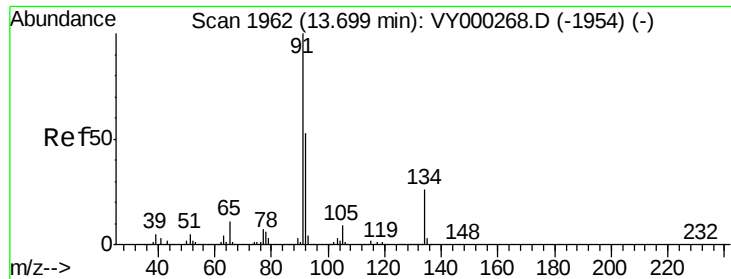
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#88
 1,4-Dichlorobenzene
 Concen: 20.955 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.1	60.2
148	65.0	32.4	97.2





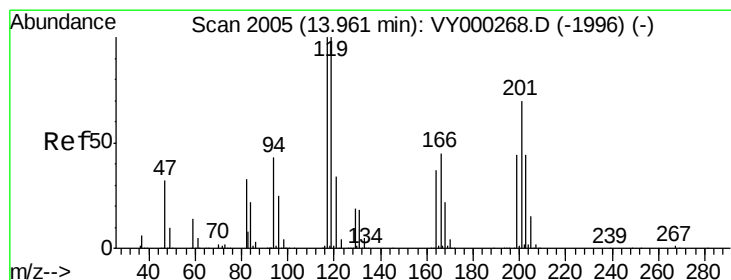
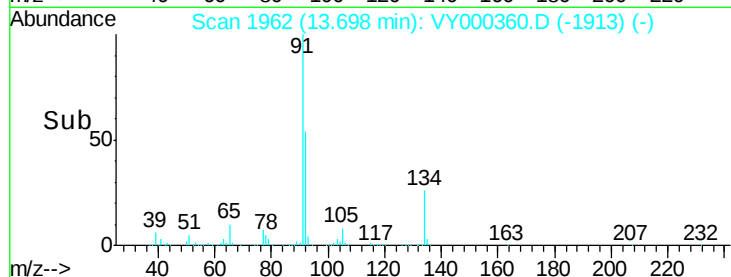
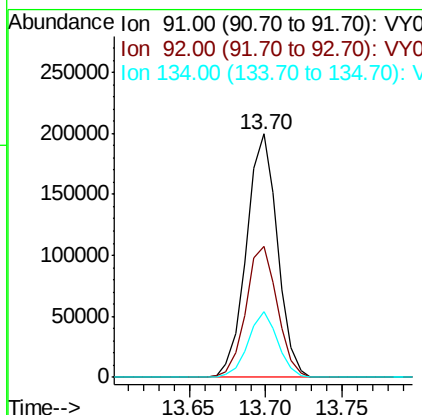
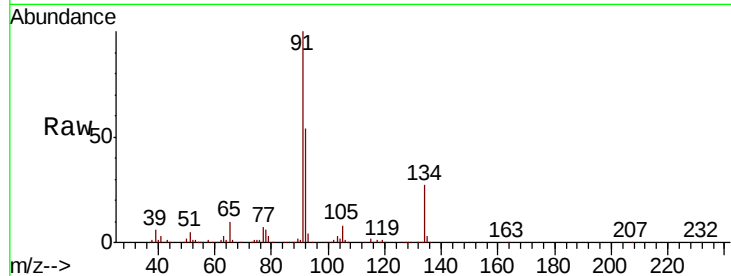
#89
n-Butylbenzene
Concen: 20.929 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.7	80.1
134	26.0	13.0	38.9

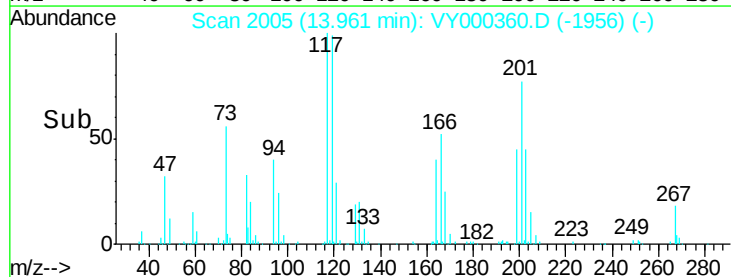
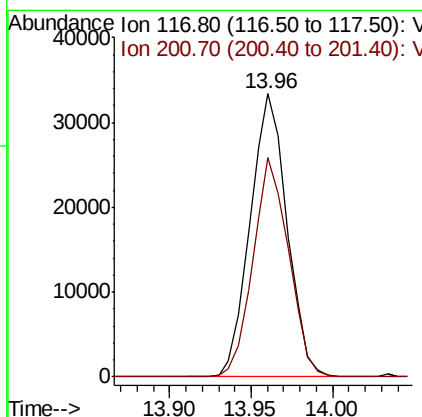
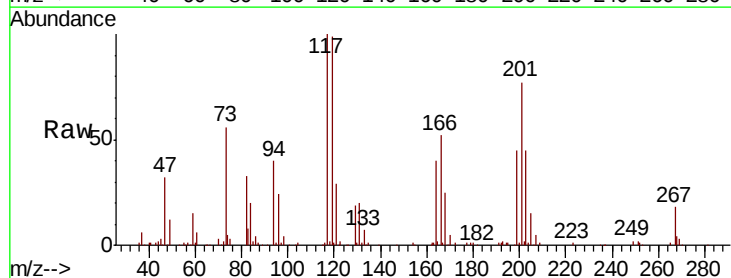
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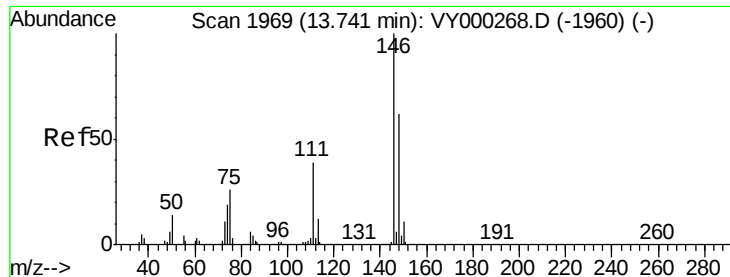
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#90
Hexachloroethane
Concen: 20.894 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.9	36.3	108.7





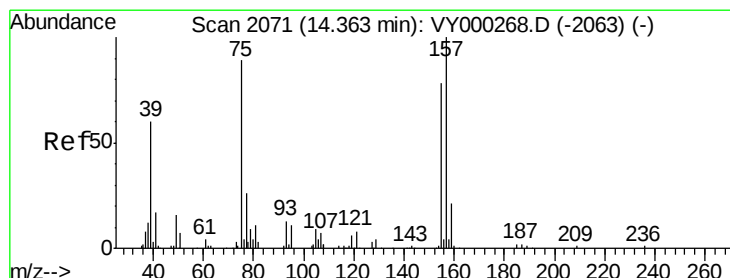
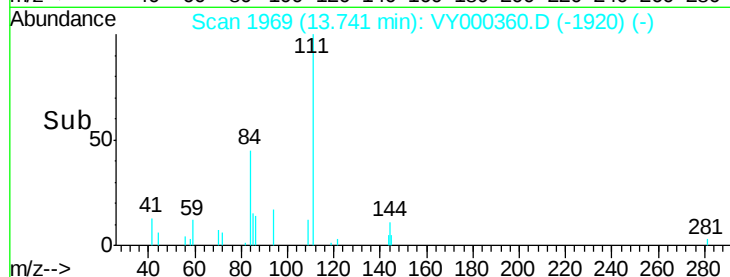
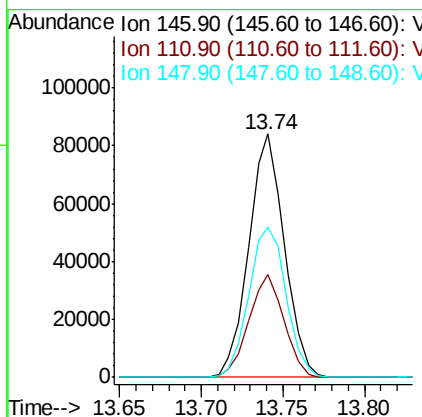
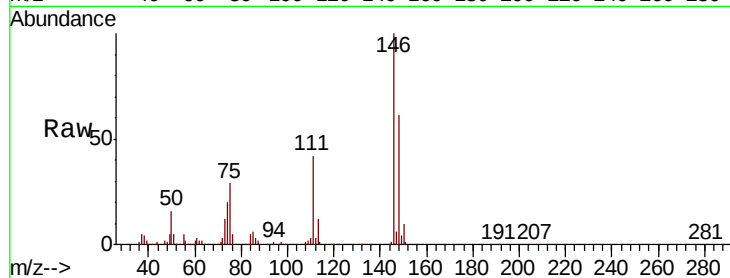
#91
 1,2-Dichlorobenzene
 Concen: 21.235 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	64.5	31.6	95.0

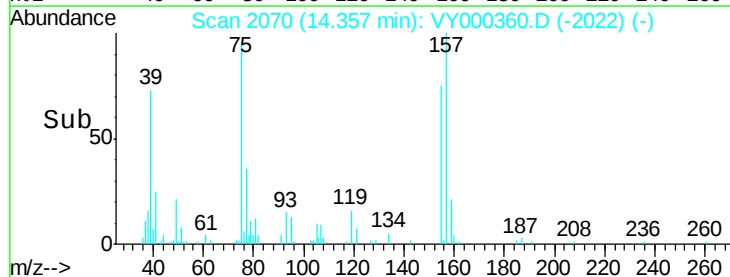
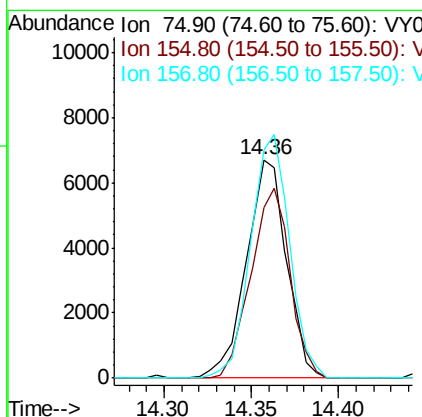
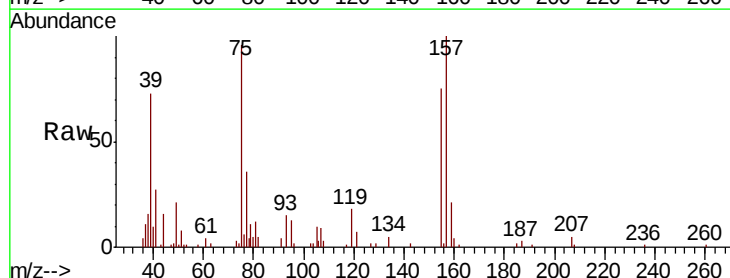
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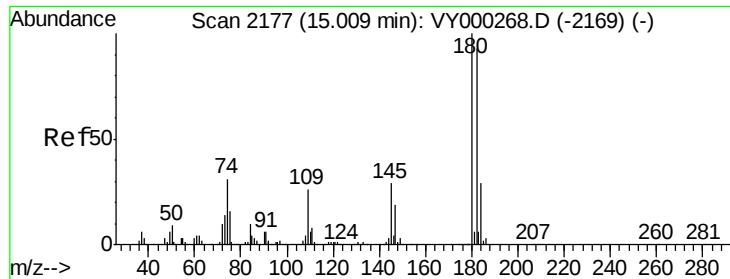
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.918 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	45.8	137.3
157	107.4	55.6	166.9





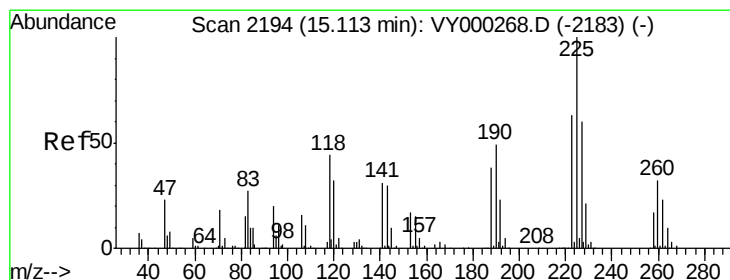
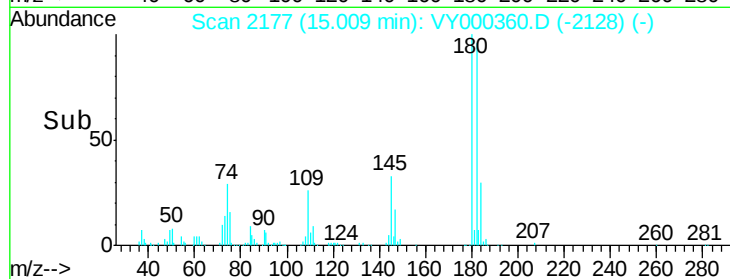
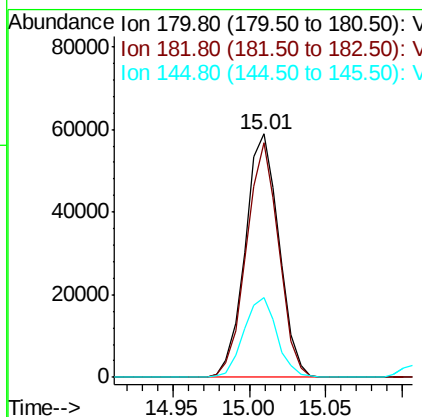
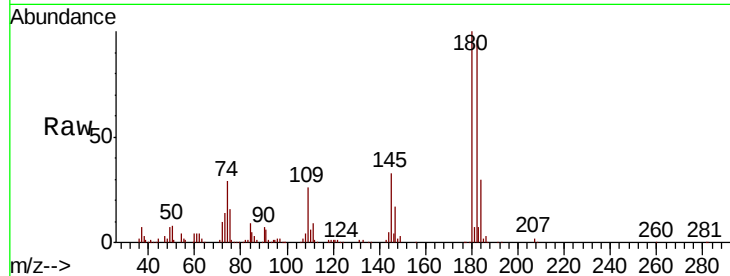
#93
 1,2,4-Trichlorobenzene
 Concen: 21.634 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.2	47.5	142.6	
145	32.1	15.4	46.1	

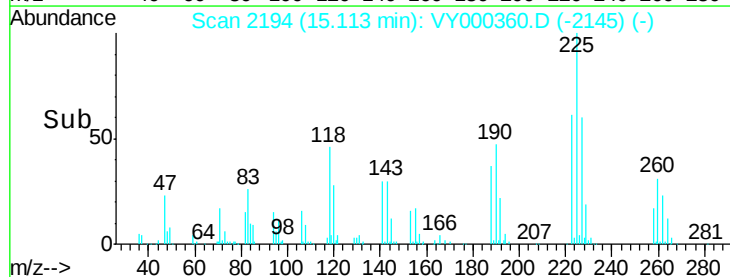
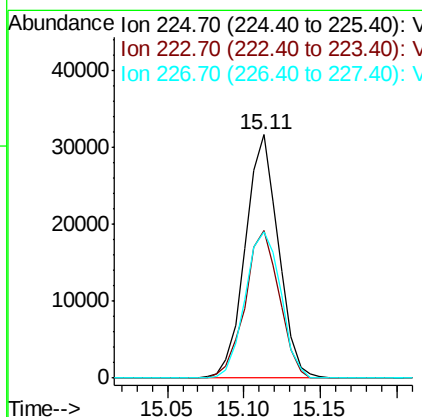
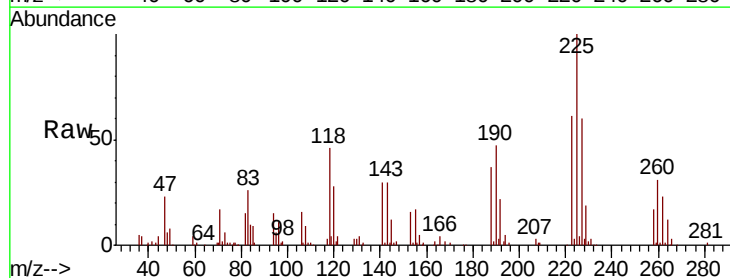
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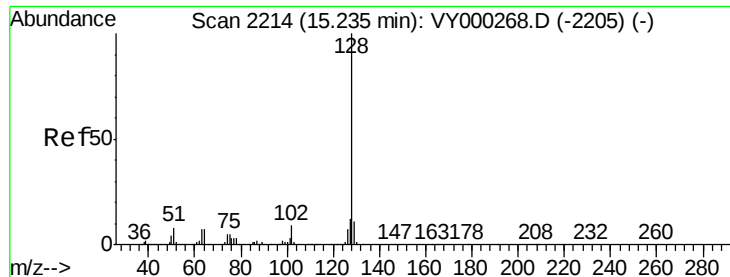
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#94
 Hexachlorobutadiene
 Concen: 20.969 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.9	95.7	
227	64.9	31.4	94.2	





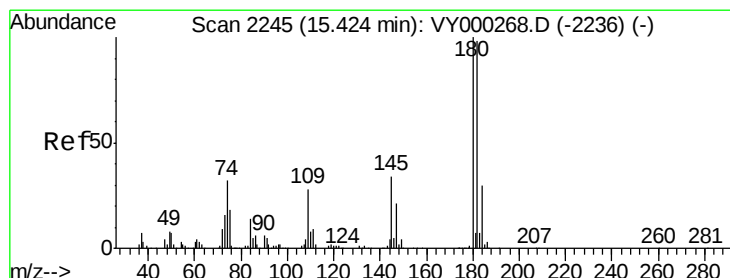
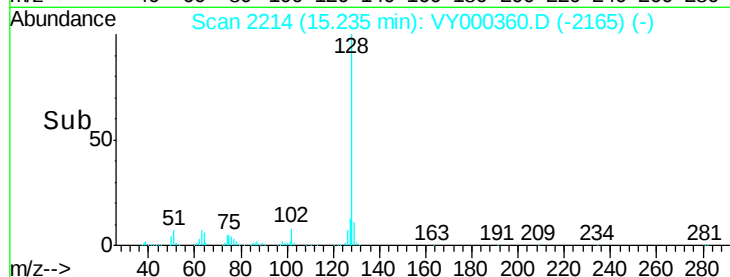
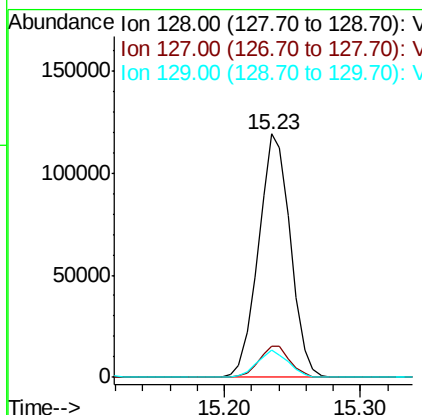
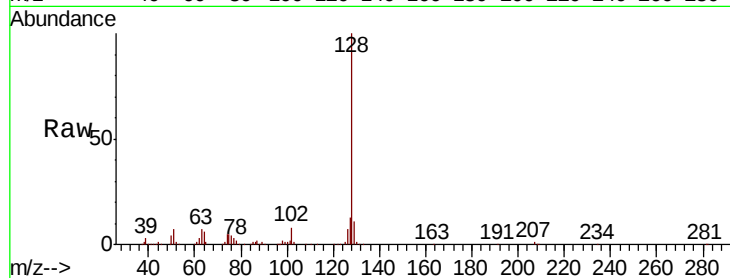
#95
Naphthalene
Concen: 21.002 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	196199		
127	12.5		9.6	14.4
129	10.9		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.982 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	79160		
182	97.3		46.5	139.5
145	33.4		16.2	48.5

