

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000449.D
 Acq On : 28 Oct 2019 13:05
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:06:19 PM

Quant Time: Oct 29 10:12:04 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	204128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	336362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	304295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	111638	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.73	113	102317	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.18	98	402711	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.48	95	145920	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	40696	22.875	ug/l	98
3) Chloromethane	2.12	50	58862	23.598	ug/l	96
4) Vinyl Chloride	2.25	62	54669	21.717	ug/l	93
5) Bromomethane	2.64	94	36007	19.300	ug/l	99
6) Chloroethane	2.79	64	34692	21.358	ug/l	98
7) Trichlorofluoromethane	3.12	101	77142	22.402	ug/l	96
8) Diethyl Ether	3.54	74	29674	24.393	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48896	23.414	ug/l	99
10) Methyl Iodide	4.09	142	47629	16.818	ug/l	99
11) Tert butyl alcohol	4.96	59	23731	105.313	ug/l	96
12) 1,1-Dichloroethene	3.88	96	45423	22.032	ug/l	97
13) Acrolein	3.74	56	18061	68.365	ug/l	96
14) Allyl chloride	4.48	41	76526	22.399	ug/l	96
15) Acrylonitrile	5.18	53	72808	106.931	ug/l	98
16) Acetone	3.95	43	67614	96.964	ug/l	91
17) Carbon Disulfide	4.19	76	130994	20.180	ug/l	97
18) Methyl Acetate	4.48	43	38021	21.945	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	131042	22.833	ug/l	99
20) Methylene Chloride	4.72	84	57954	21.577	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	50724	21.445	ug/l	97
22) Diisopropyl ether	6.13	45	165907	22.960	ug/l	98
23) Vinyl Acetate	6.07	43	523637	111.078	ug/l	99
24) 1,1-Dichloroethane	6.02	63	90187	22.866	ug/l	97
25) 2-Butanone	6.99	43	104403	106.286	ug/l	96
26) 2,2-Dichloropropane	6.99	77	80597	22.176	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	59049	23.071	ug/l	96
28) Bromochloromethane	7.35	49	33261	19.644	ug/l	96
29) Tetrahydrofuran	7.36	42	64416	108.207	ug/l	99
30) Chloroform	7.52	83	91568	23.053	ug/l	98
31) Cyclohexane	7.79	56	88884	21.576	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	80396	22.766	ug/l	98
36) 1,1-Dichloropropene	7.92	75	72253	21.940	ug/l	98
37) Ethyl Acetate	7.09	43	42694	21.895	ug/l	99
38) Carbon Tetrachloride	7.91	117	71157	22.316	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91832	21.306	ug/l	98
40) Benzene	8.17	78	209840	22.049	ug/l	98
41) Methacrylonitrile	7.32	41	20494m	22.080	ug/l	
42) 1,2-Dichloroethane	8.25	62	59633	21.936	ug/l	100
43) Isopropyl Acetate	8.28	43	78864	21.270	ug/l	98
44) Trichloroethene	8.95	130	56887	21.303	ug/l	99
45) 1,2-Dichloropropane	9.22	63	52639	22.539	ug/l	93
46) Dibromomethane	9.31	93	28810	22.067	ug/l	99
47) Bromodichloromethane	9.50	83	70182	22.809	ug/l	91
48) Methyl methacrylate	9.30	41	34559	21.268	ug/l	99
49) 1,4-Dioxane	9.31	88	8381	428.134	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	214599	112.218	ug/l	99
52) Toluene	10.25	92	133809	22.145	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	75197	22.804	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	83741	22.362	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	43402	22.864	ug/l	93
56) Ethyl methacrylate	10.51	69	59199	21.879	ug/l	95
57) 1,3-Dichloropropane	10.79	76	74465	22.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	134358	124.494	ug/l	98
59) 2-Hexanone	10.83	43	157048	117.000	ug/l	99
60) Dibromochloromethane	10.99	129	49843	23.689	ug/l	97
61) 1,2-Dibromoethane	11.09	107	40607	22.279	ug/l	98
64) Tetrachloroethene	10.72	164	56850	19.624	ug/l	98
65) Chlorobenzene	11.52	112	140065	21.810	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	49766	22.060	ug/l	98
67) Ethyl Benzene	11.60	91	258348	21.701	ug/l	99
68) m/p-Xylenes	11.70	106	196045	43.077	ug/l	97
69) o-Xylene	12.03	106	93694	21.581	ug/l	100
70) Styrene	12.05	104	160381	21.904	ug/l	99
71) Bromoform	12.21	173	28863	22.256	ug/l #	97
73) Isopropylbenzene	12.33	105	255630	21.421	ug/l	100
74) N-amyl acetate	12.14	43	69936	23.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50275	22.438	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	36870m	19.591	ug/l	
77) Bromobenzene	12.61	156	59224	22.303	ug/l	91
78) n-propylbenzene	12.67	91	308985	21.565	ug/l	99
79) 2-Chlorotoluene	12.75	91	171410	21.662	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	214683	21.454	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17278	20.088	ug/l	97
82) 4-Chlorotoluene	12.86	91	177717	21.247	ug/l	99
83) tert-Butylbenzene	13.08	119	185457	21.886	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	213849	21.653	ug/l	100
85) sec-Butylbenzene	13.25	105	263475	21.493	ug/l	99
86) p-Isopropyltoluene	13.37	119	236646	22.143	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	114721	21.927	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	114048	21.808	ug/l	99
89) n-Butylbenzene	13.70	91	227226	21.515	ug/l	98
90) Hexachloroethane	13.96	117	42619	21.536	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	106337	22.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8652	20.360	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	74439	22.580	ug/l	99
94) Hexachlorobutadiene	15.11	225	39101	21.917	ug/l	97
95) Naphthalene	15.23	128	160719	21.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	69031	23.234	ug/l	98

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

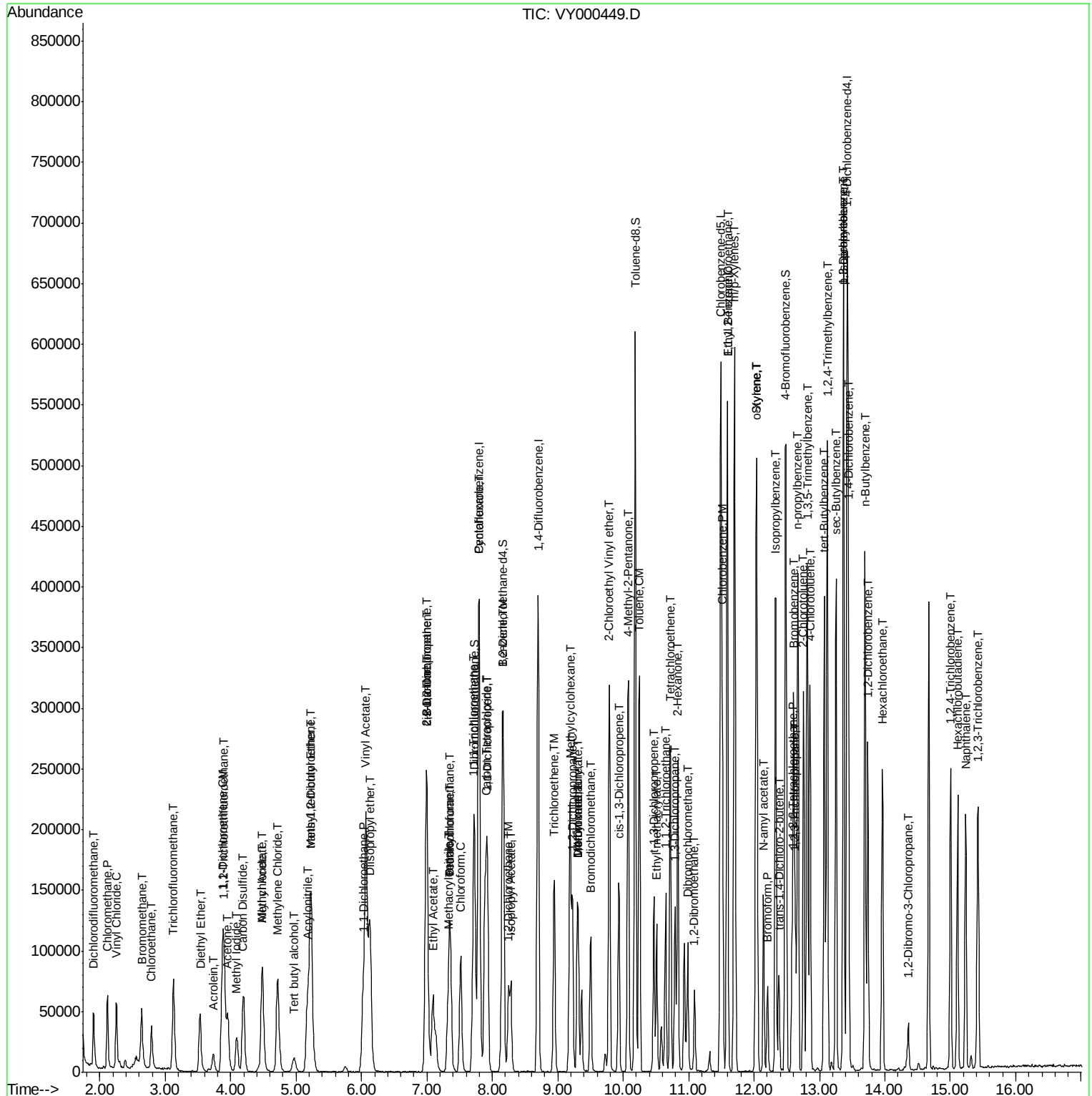
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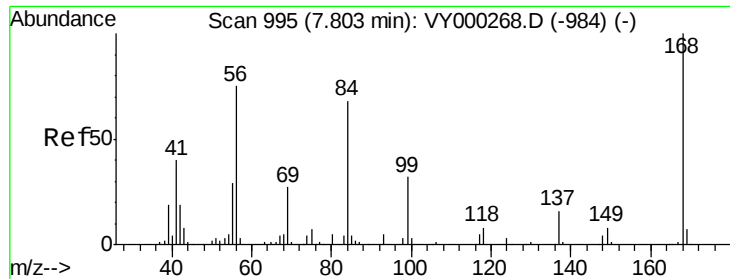
Instrument :
MSVOA_Y
Client Sample Id :
VY1028SBS01

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Quant Title : SW846 8260
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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: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:168 Resp: 204128

Ion Ratio Lower Upper

168 100

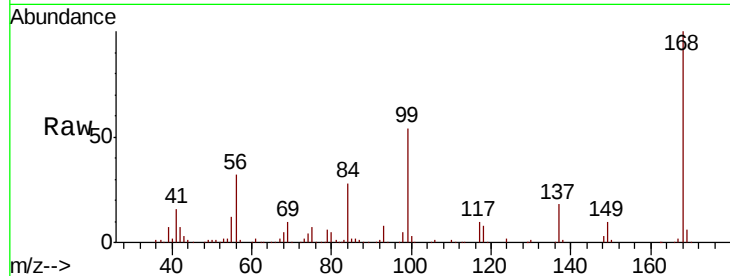
99 53.6 46.6 69.8

Manual Integrations

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10/29/2019 2:06:19 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000449.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000449.D (-946) (-)

7.80

100000

80000

60000

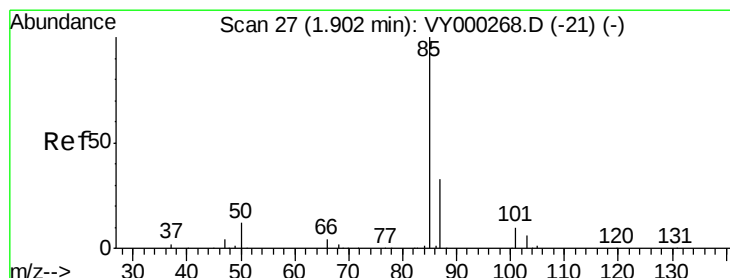
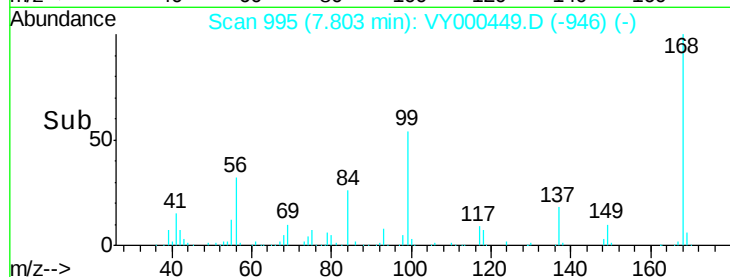
40000

20000

0

Time-->

7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 22.875 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000449.D

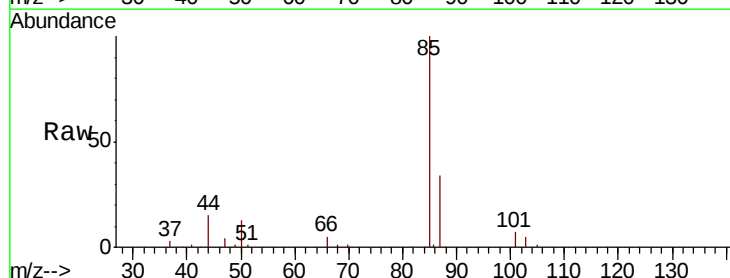
Acq: 28 Oct 2019 13:05

Tgt Ion: 85 Resp: 40696

Ion Ratio Lower Upper

85 100

87 34.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000449.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000449.D (-1) (-)

1.90

30000

25000

20000

15000

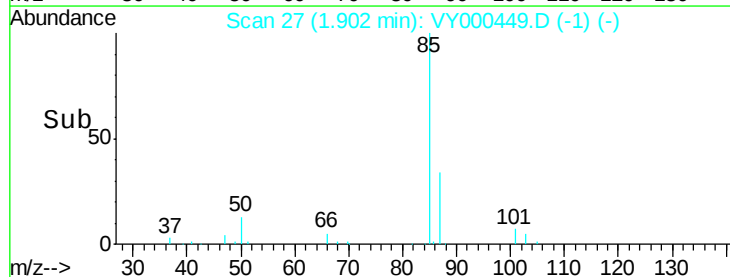
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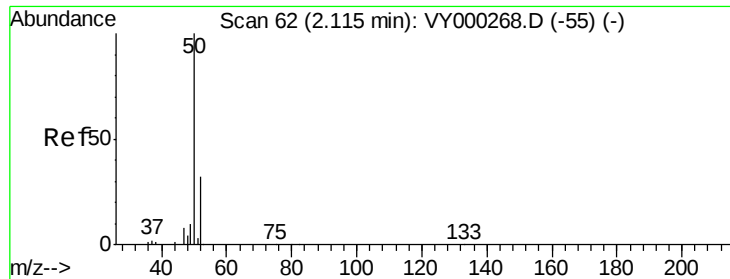
5000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 23.598 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 50 Resp: 58862

Ion Ratio Lower Upper

50 100

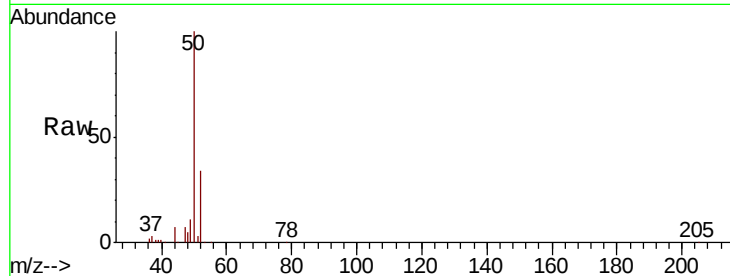
52 33.7 25.3 37.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

30000

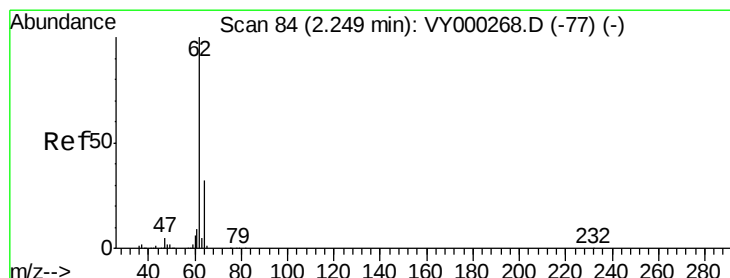
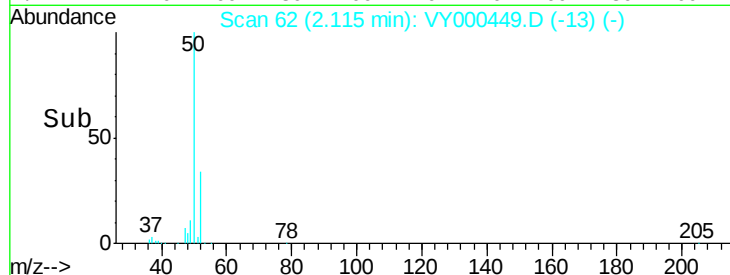
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 21.717 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000449.D

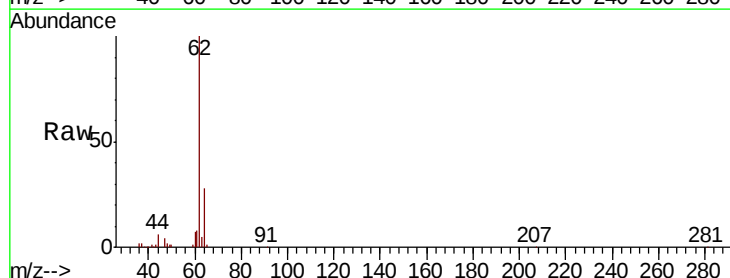
Acq: 28 Oct 2019 13:05

Tgt Ion: 62 Resp: 54669

Ion Ratio Lower Upper

62 100

64 28.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

40000

30000

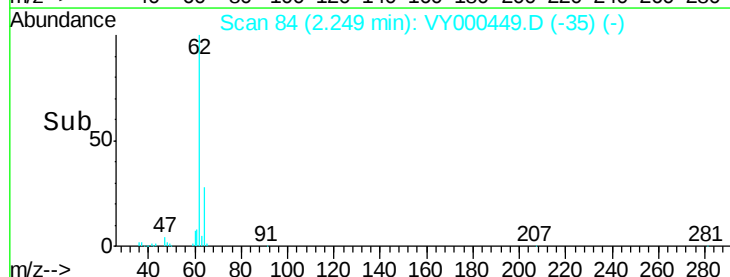
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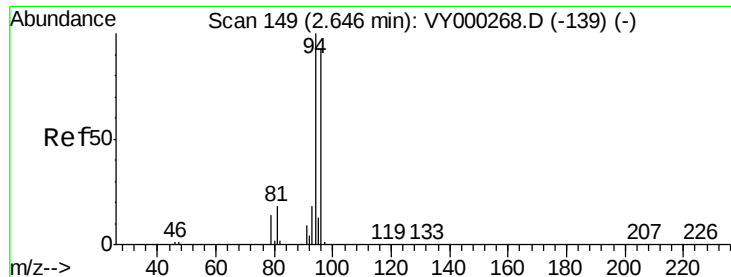
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 19.300 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 94 Resp: 36007

Ion Ratio Lower Upper

94 100

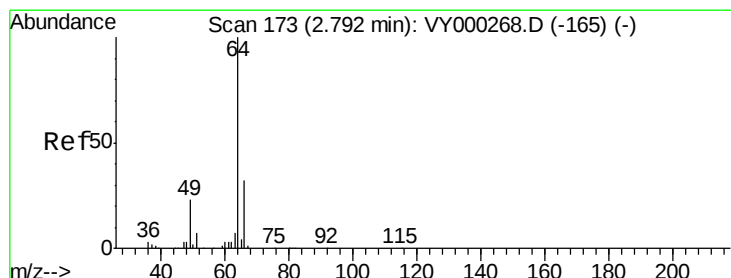
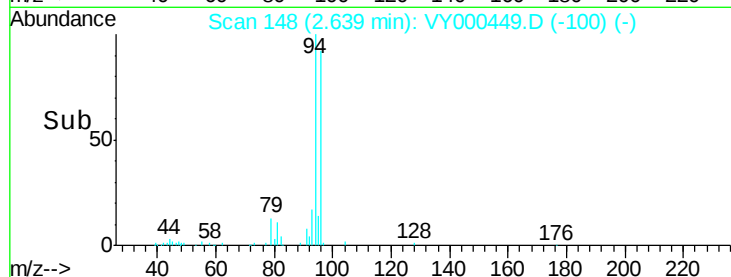
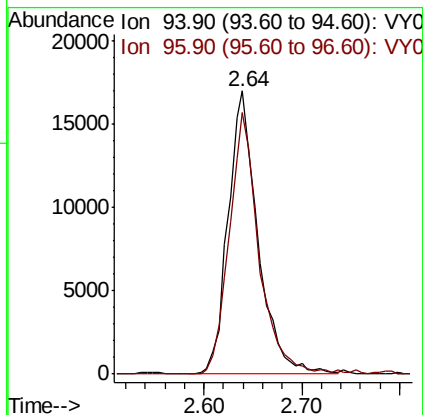
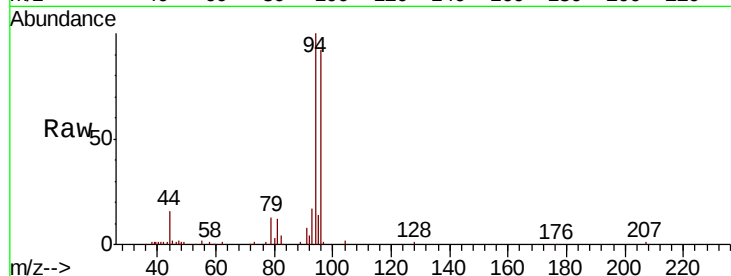
96 92.1 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 21.358 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000449.D

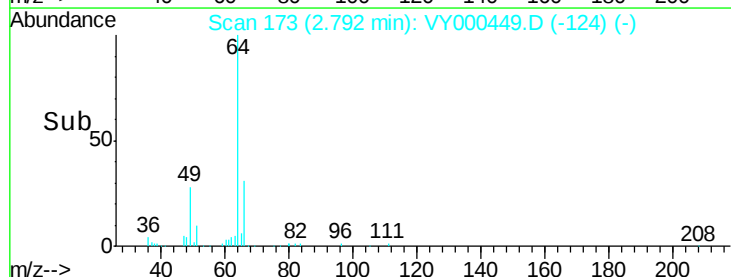
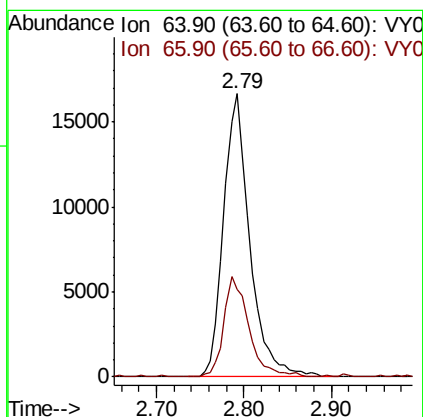
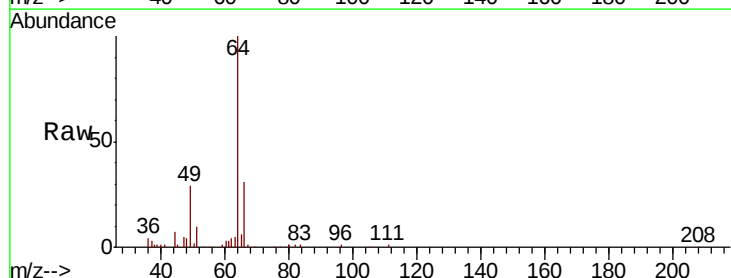
Acq: 28 Oct 2019 13:05

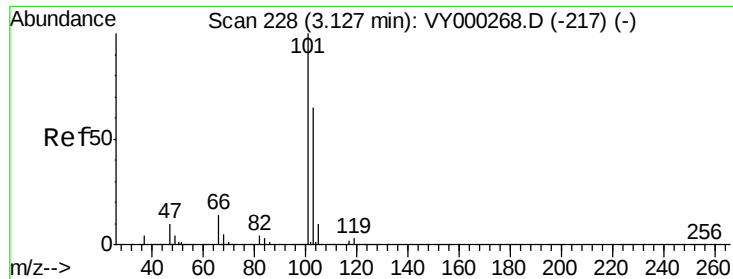
Tgt Ion: 64 Resp: 34692

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4





#7

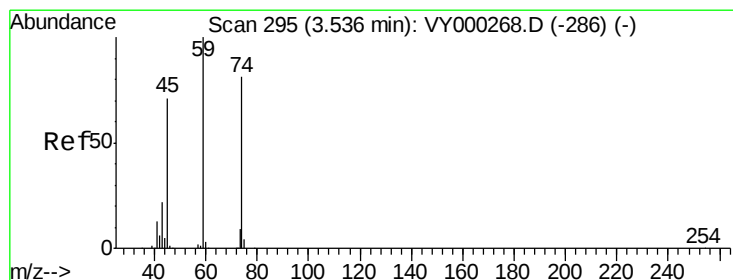
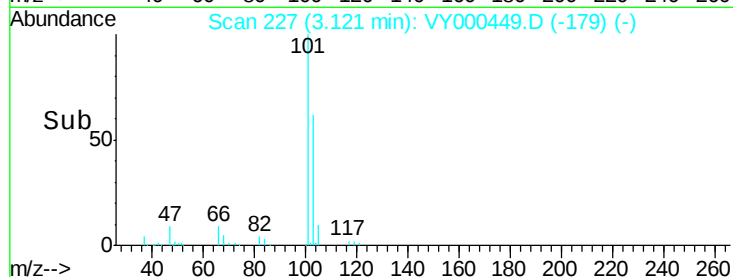
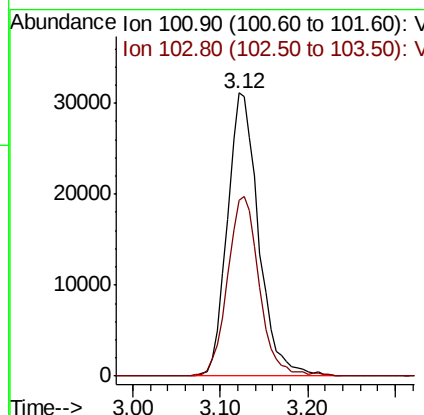
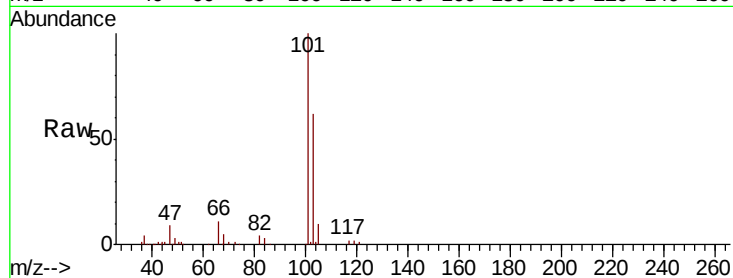
Trichlorofluoromethane
 Concen: 22.402 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.2	78.4

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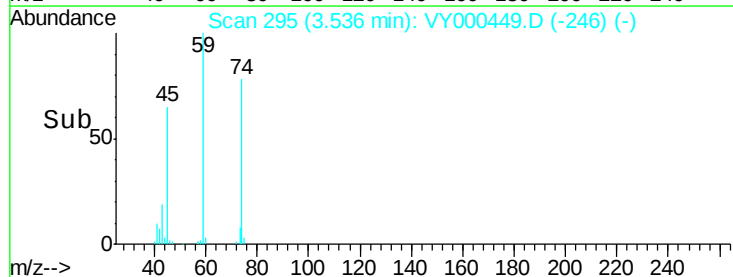
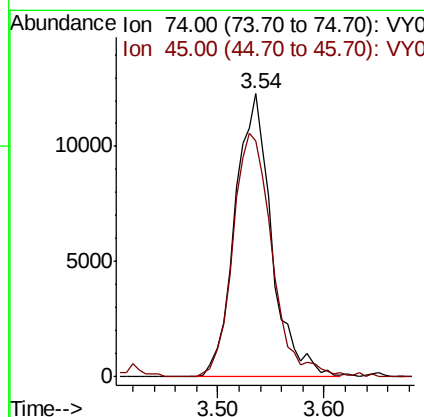
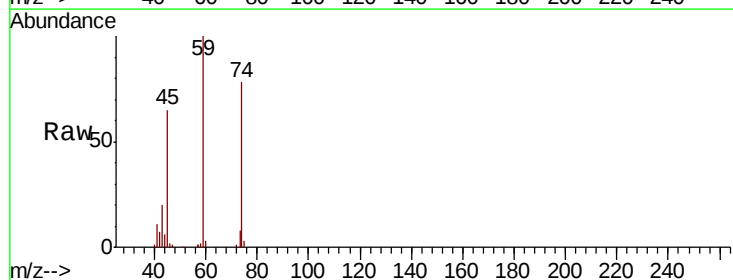
MMDadoda
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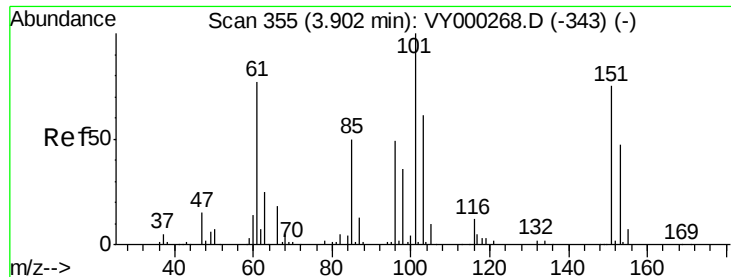


#8

Diethyl Ether
 Concen: 24.393 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000449.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.414 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

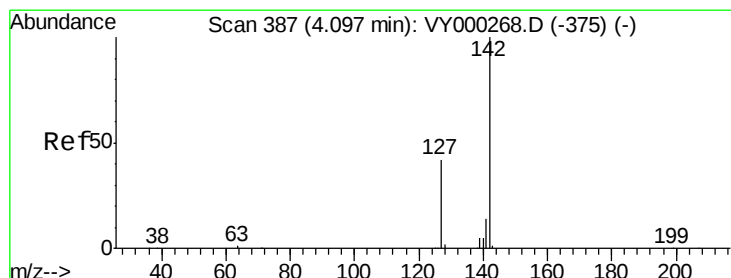
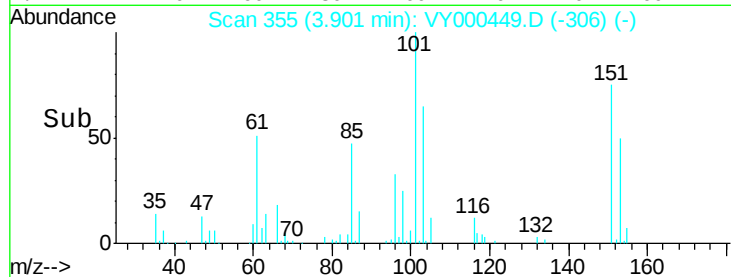
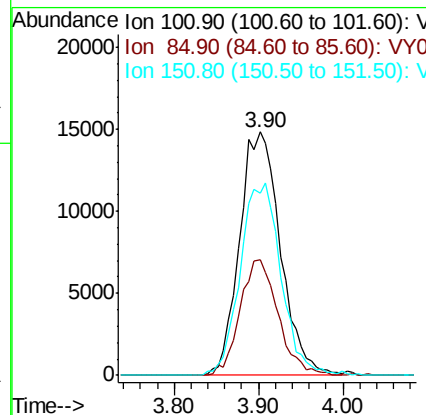
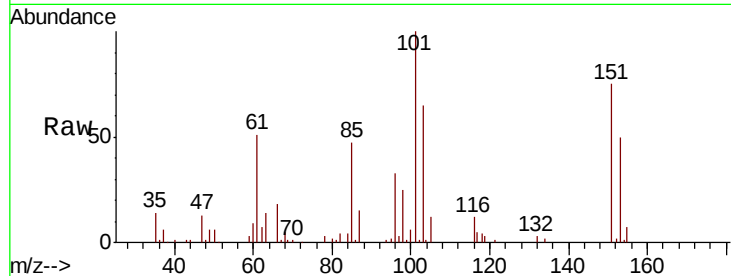
ClientSampleId :

VY1028SBS01

Tot Ion:	101	Resp:	48896
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.6	55.0
151	78.5	63.1	94.7

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#10

Methyl Iodide

Concen: 16.818 ug/l

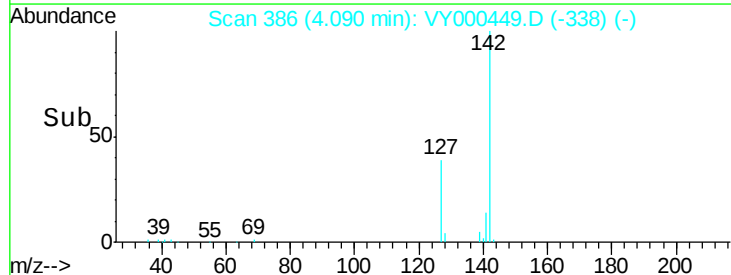
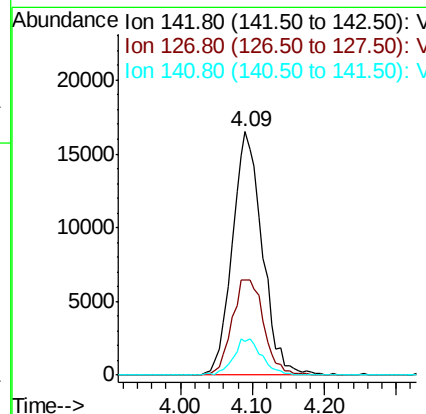
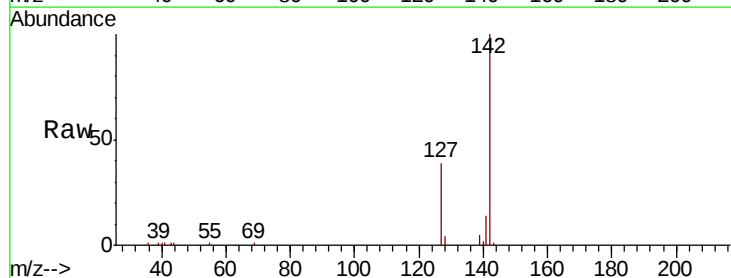
RT: 4.09 min Scan# 386

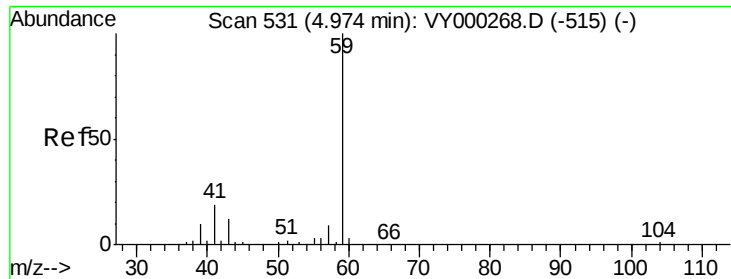
Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	142	Resp:	47629
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.9	50.9
141	14.2	11.2	16.8





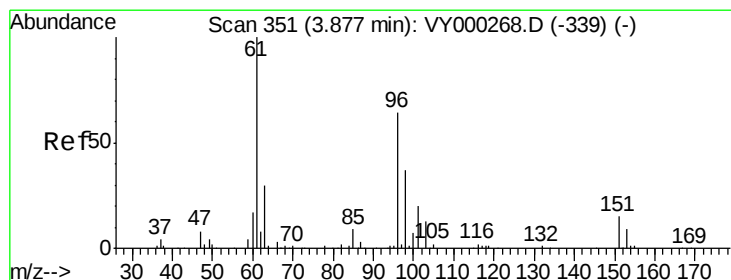
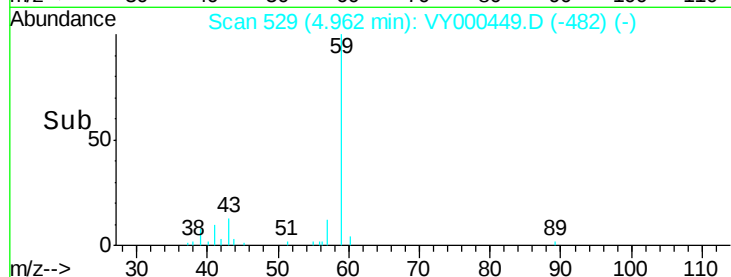
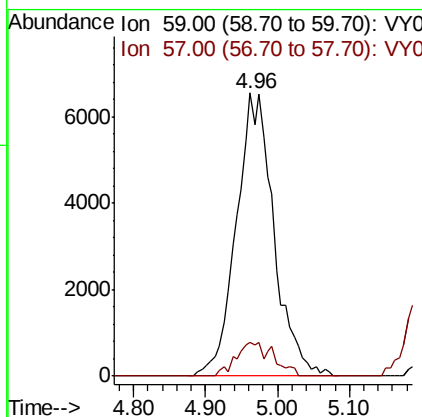
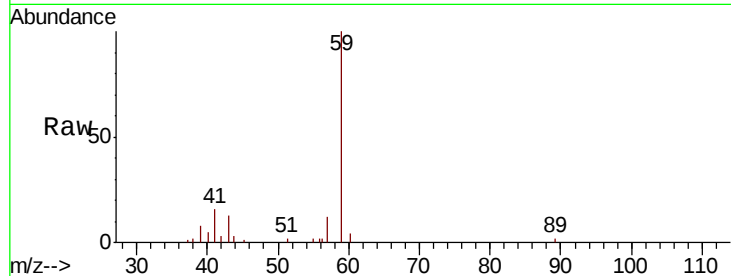
#11
Tert butyl alcohol
Concen: 105.313 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion: 59 Resp: 23731
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.2

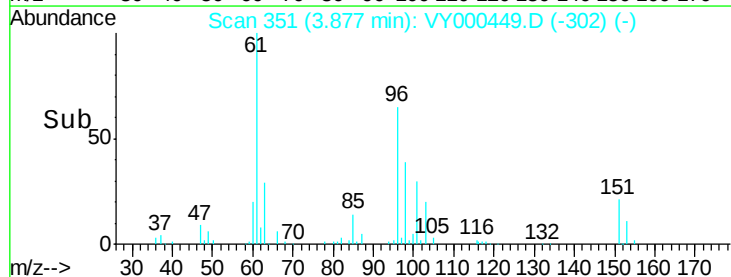
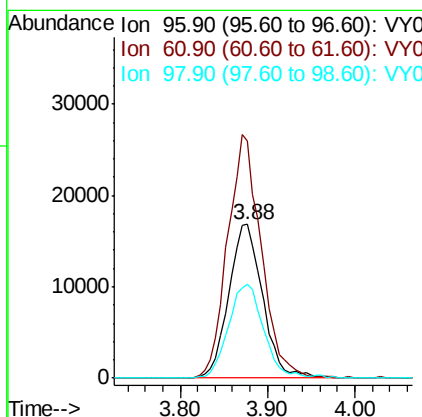
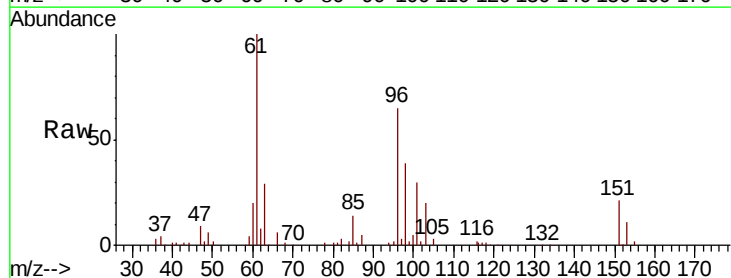
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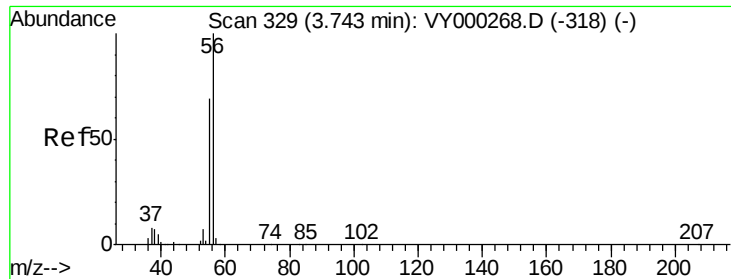
MMDadoda
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#12
1,1-Dichloroethene
Concen: 22.032 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 96 Resp: 45423
Ion Ratio Lower Upper
96 100
61 154.3 125.8 188.6
98 60.8 46.2 69.2





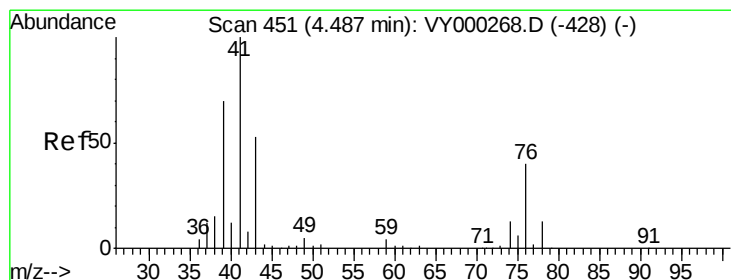
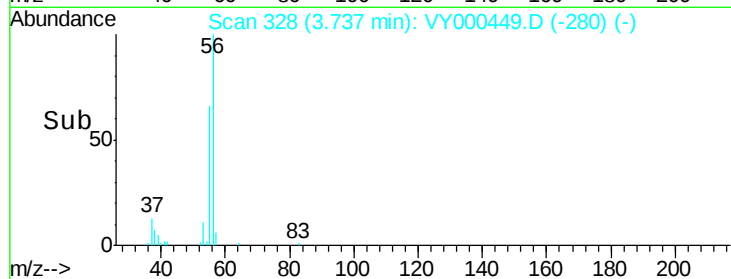
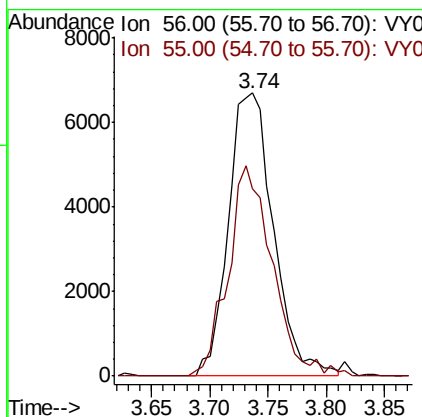
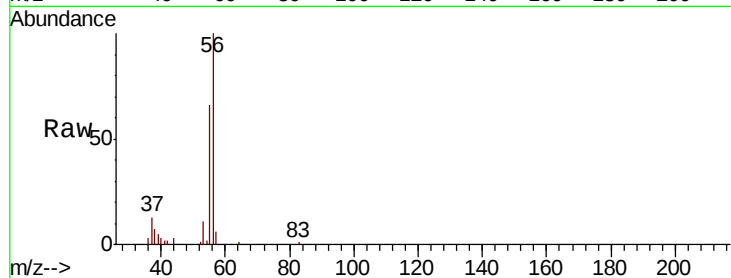
#13
 Acrolein
 Concen: 68.365 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	56	Resp	18061
Ion Ratio	100	Lower	Upper
55	73.1	55.7	83.5

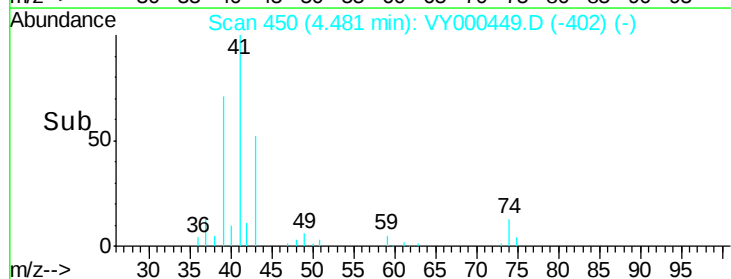
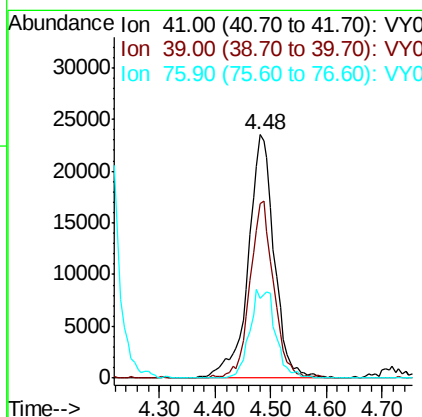
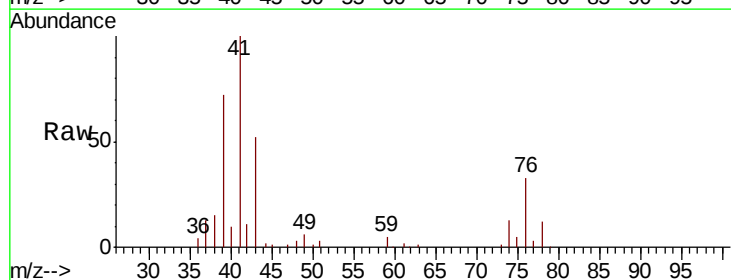
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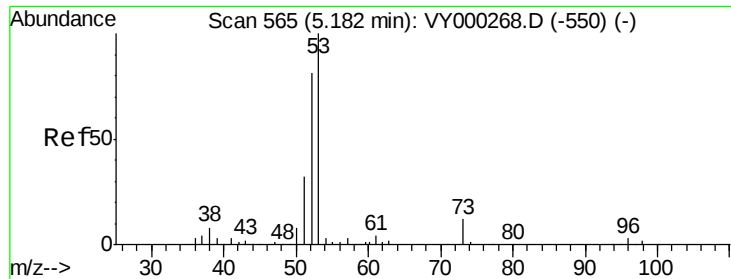
MMDadoda
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#14
 Allyl chloride
 Concen: 22.399 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	41	Resp	76526
Ion Ratio	100	Lower	Upper
39	64.7	54.0	81.0
76	35.9	30.7	46.1





#15

Acrylonitrile

Concen: 106.931 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

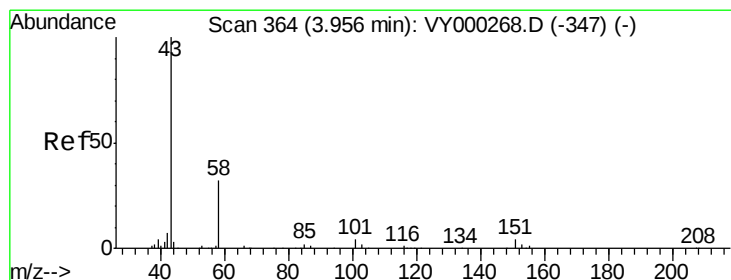
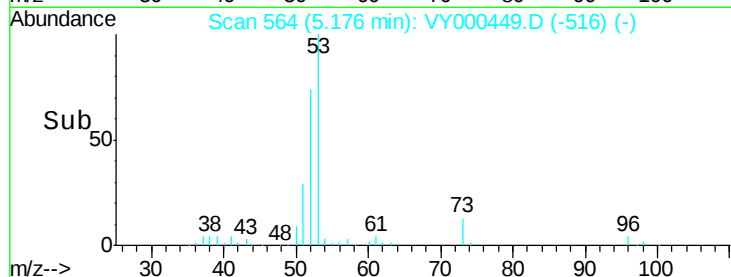
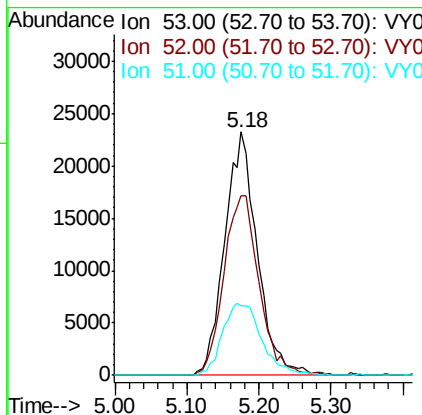
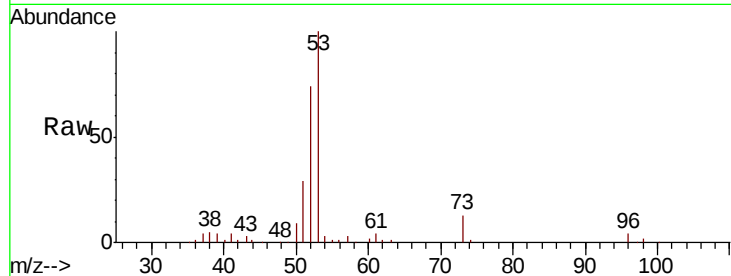
ClientSampleId :

VY1028SBS01

Tot Ion:	53	Resp:	72808
Ion	Ratio	Lower	Upper
53	100		
52	79.7	62.9	94.3
51	35.8	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 96.964 ug/l

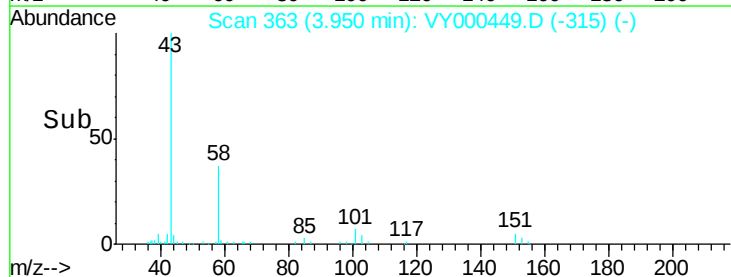
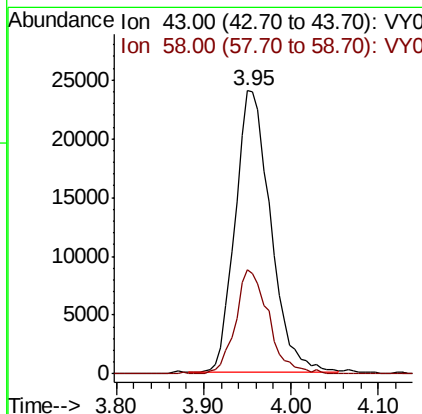
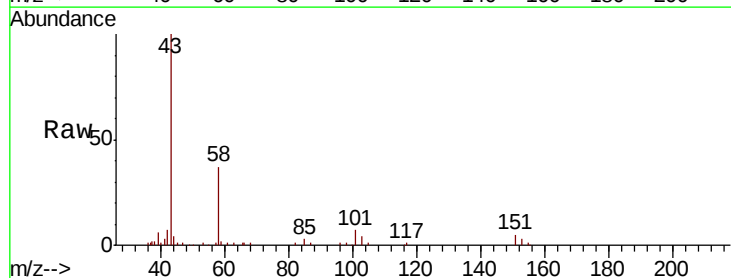
RT: 3.95 min Scan# 363

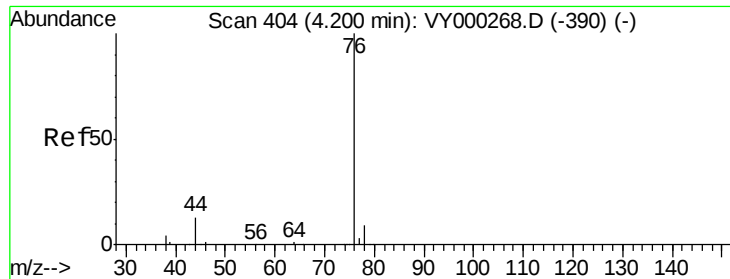
Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	43	Resp:	67614
Ion	Ratio	Lower	Upper
43	100		
58	37.1	25.8	38.6





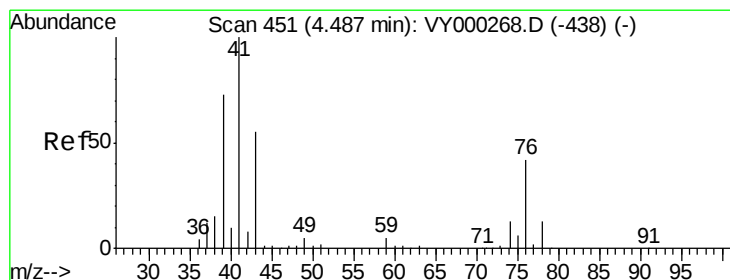
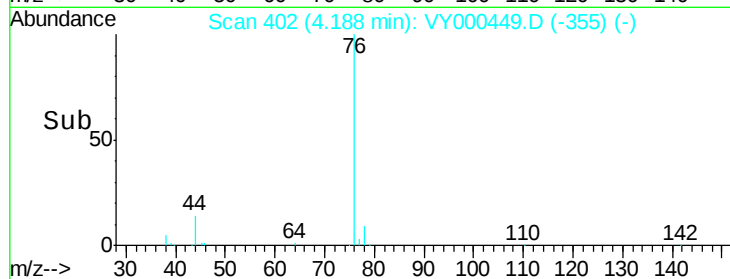
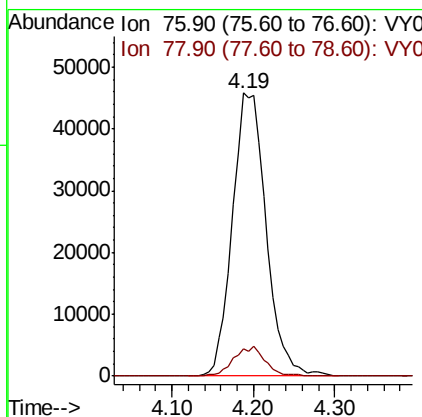
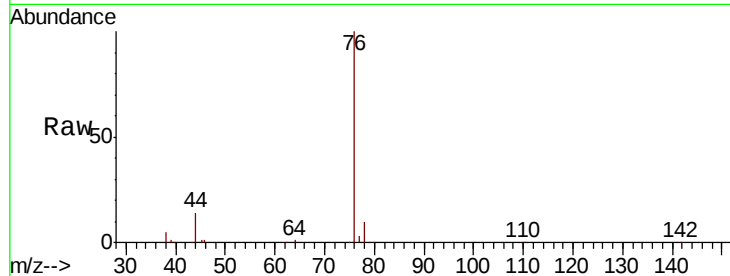
#17
Carbon Disulfide
Concen: 20.180 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.4

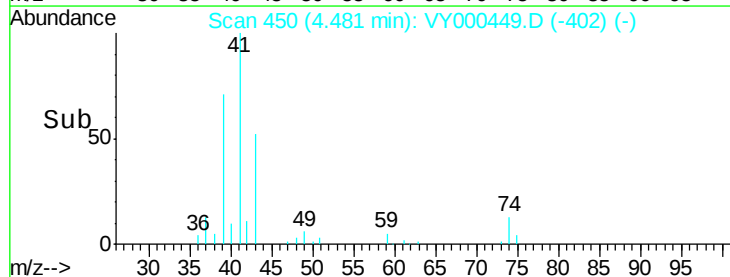
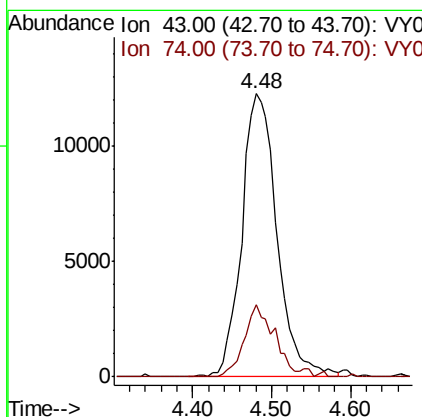
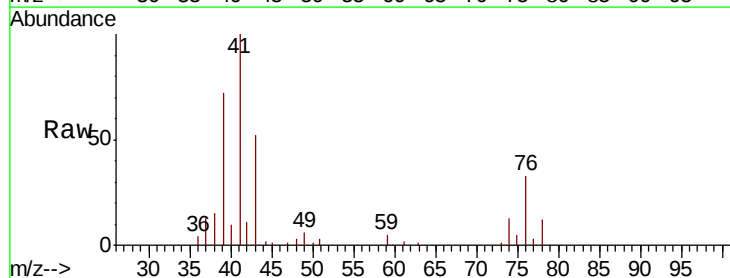
Manual Integrations
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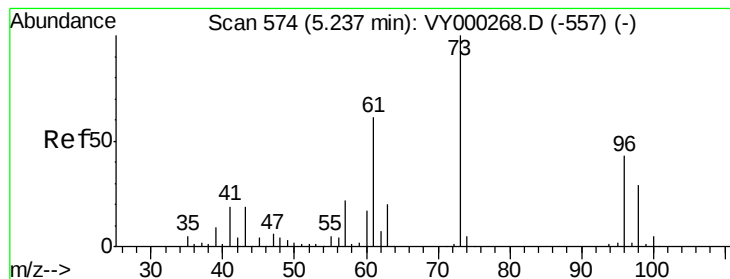
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#18
Methyl Acetate
Concen: 21.945 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	20.4	30.6





#19

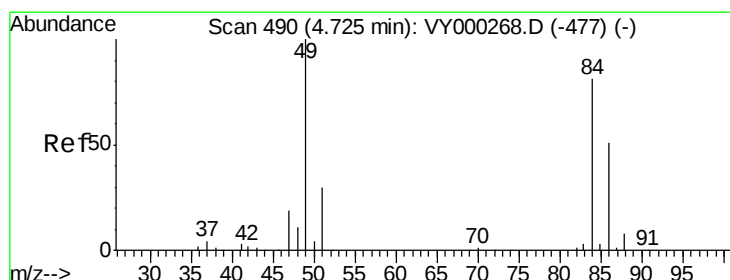
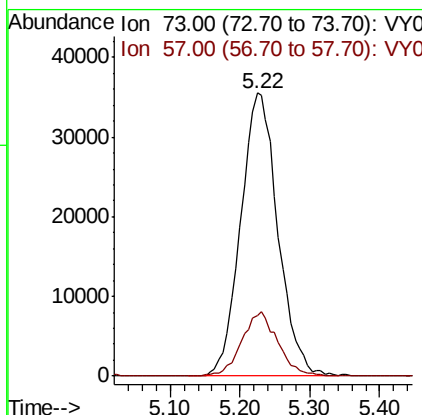
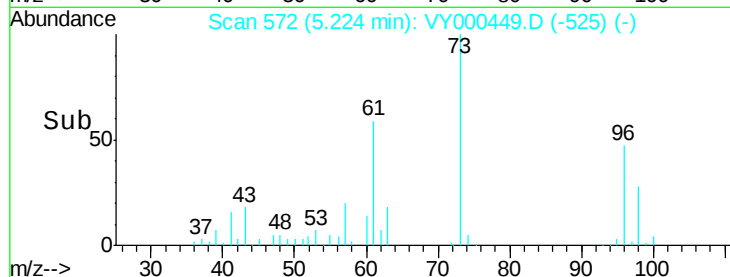
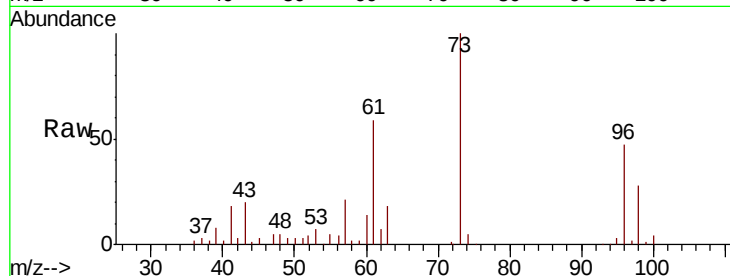
Methyl tert-butyl Ether
 Concen: 22.833 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0

Manual Integrations
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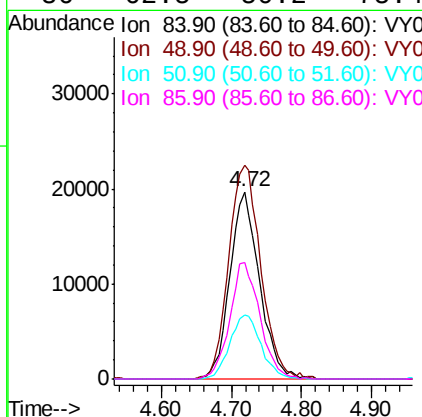
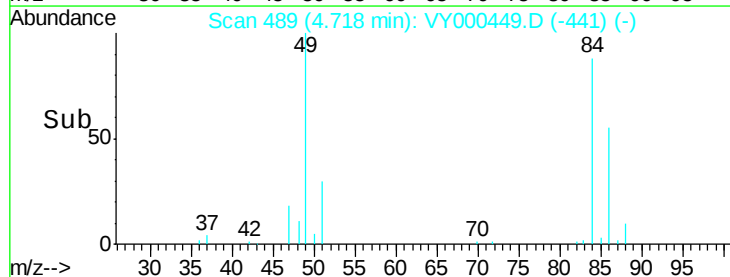
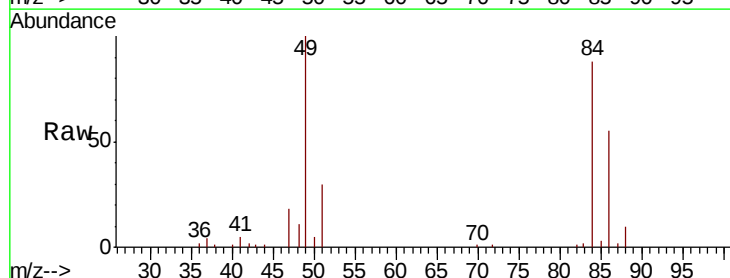
MMDadoda
 10/29/2019 2:06:19 PM



#20

Methylene Chloride
 Concen: 21.577 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	99.0	148.4
51	34.4	29.3	43.9
86	62.5	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 21.445 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 96 Resp: 50724

Ion Ratio Lower Upper

96 100

61 127.3 100.4 150.6

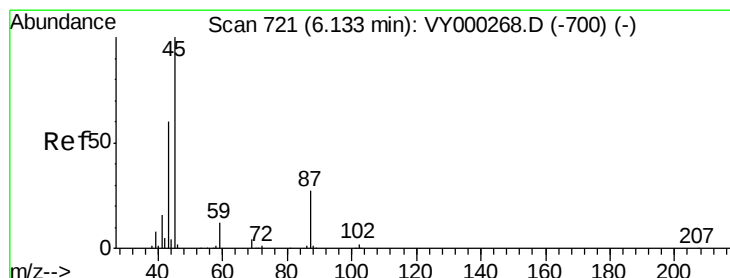
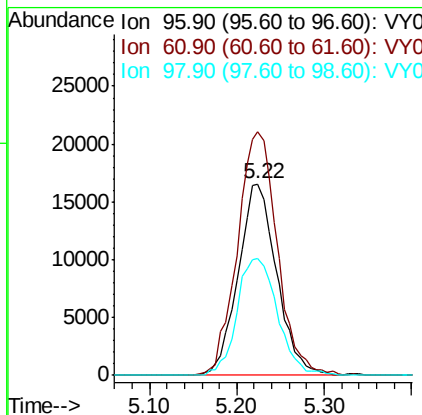
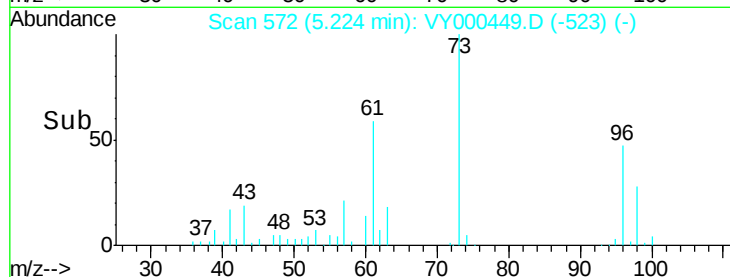
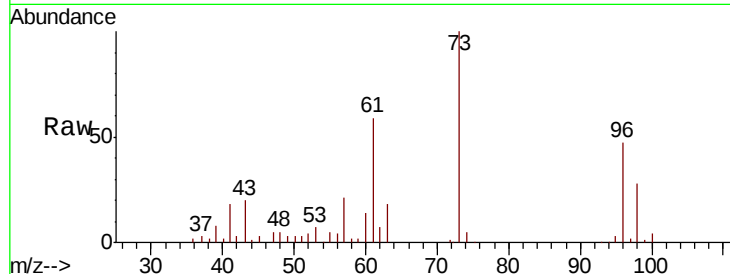
98 61.0 44.6 66.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.960 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion: 45 Resp: 165907

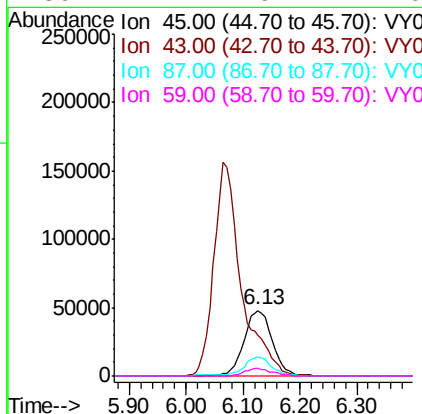
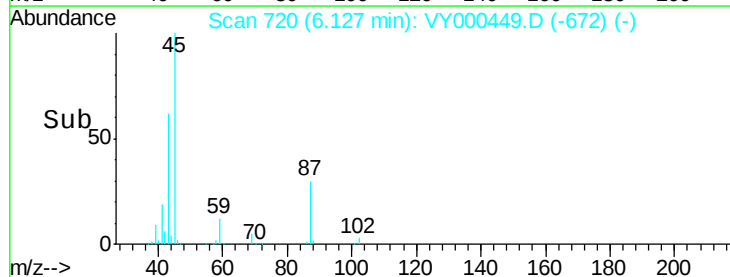
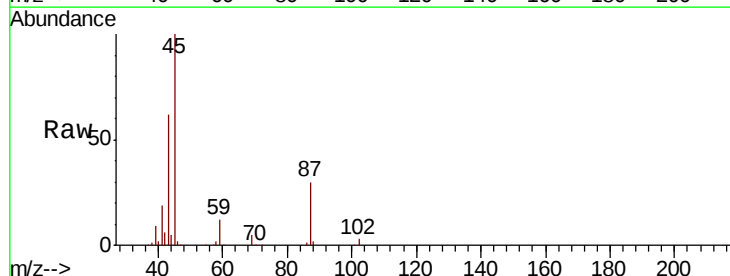
Ion Ratio Lower Upper

45 100

43 61.3 48.5 72.7

87 30.1 21.5 32.3

59 12.2 9.4 14.0





#23

Vinyl Acetate

Concen: 111.078 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 43 Resp: 523637

Ion Ratio Lower Upper

43 100

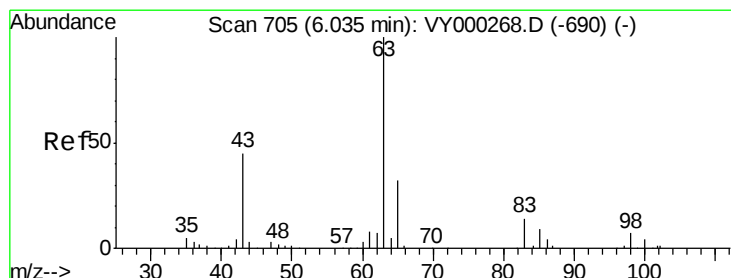
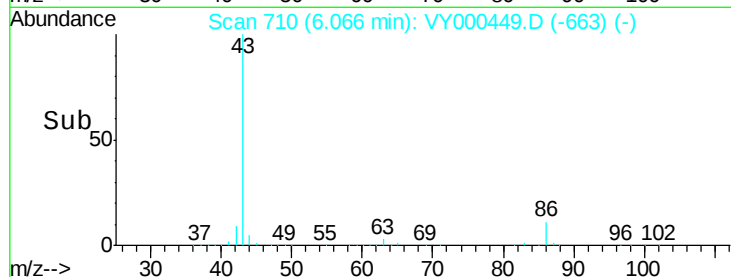
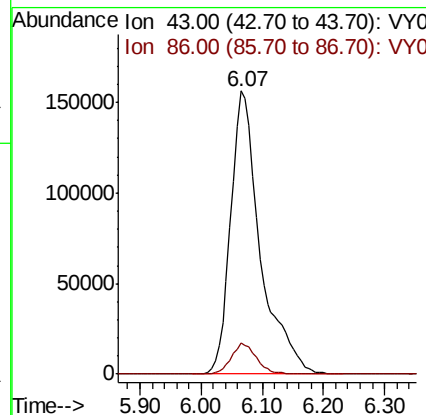
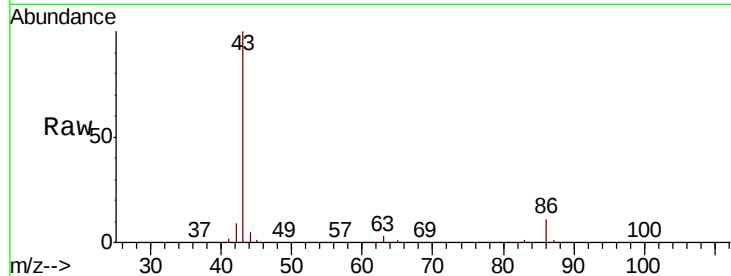
86 11.1 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.866 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

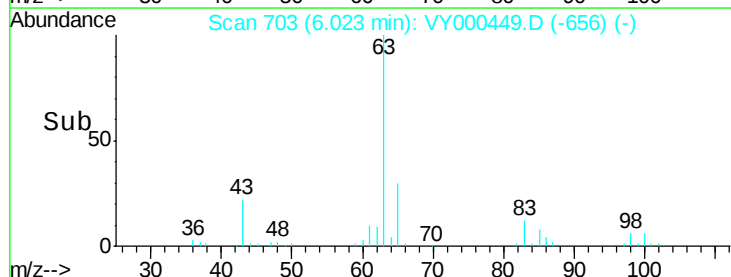
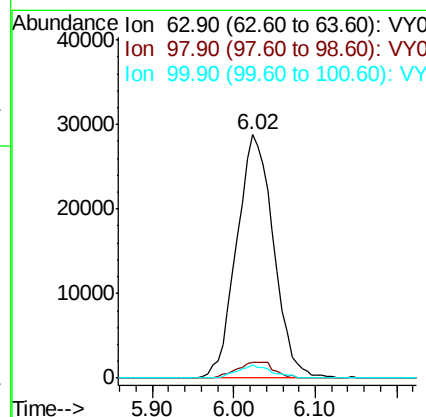
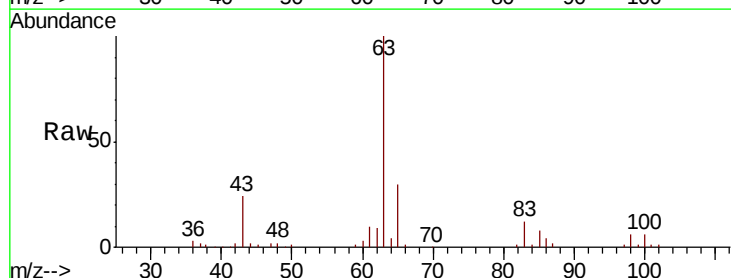
Tgt Ion: 63 Resp: 90187

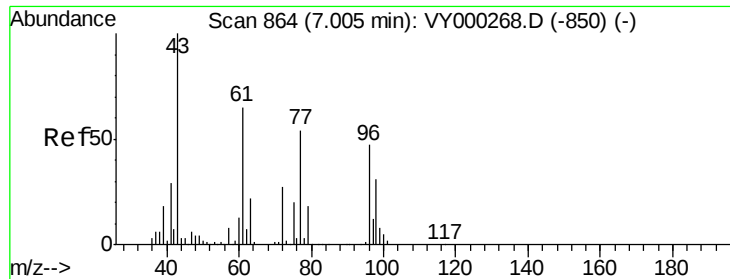
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 5.5 2.1 6.2





#25

2-Butanone

Concen: 106.286 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 43 Resp: 104403

Ion Ratio Lower Upper

43 100

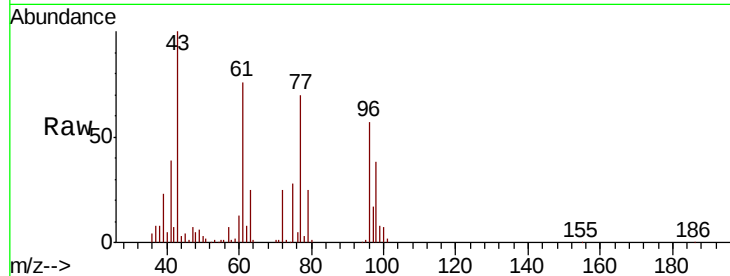
72 24.6 21.4 32.2

Manual Integrations

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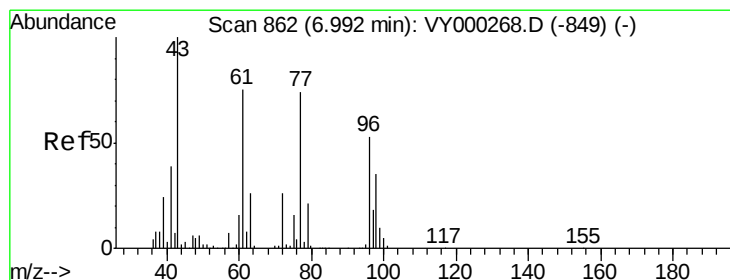
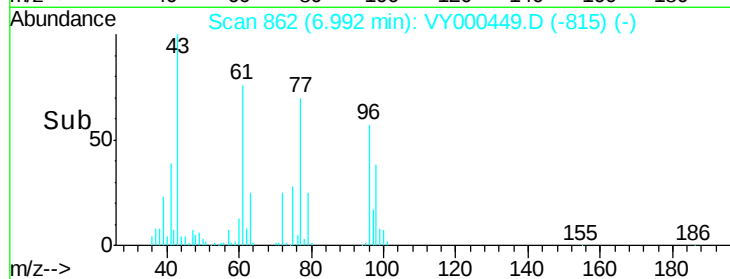
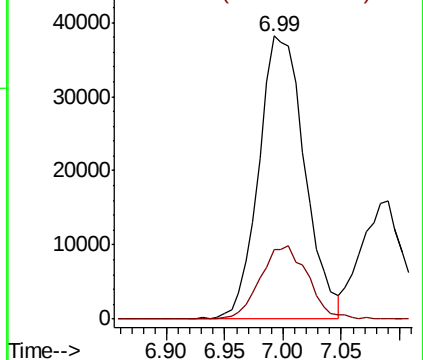
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 22.176 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000449.D

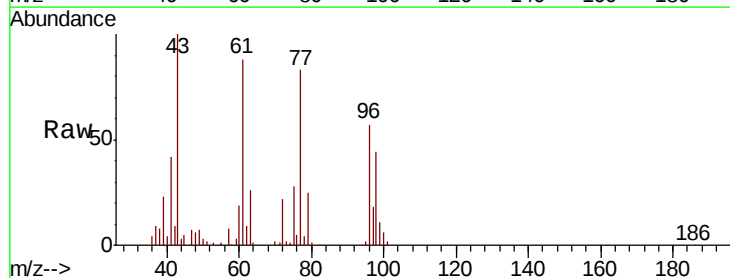
Acq: 28 Oct 2019 13:05

Tgt Ion: 77 Resp: 80597

Ion Ratio Lower Upper

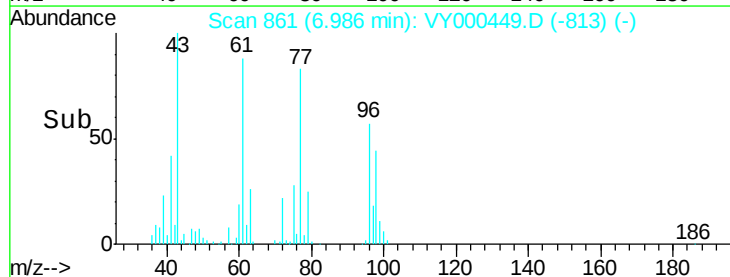
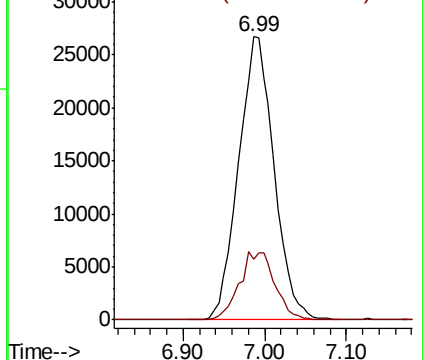
77 100

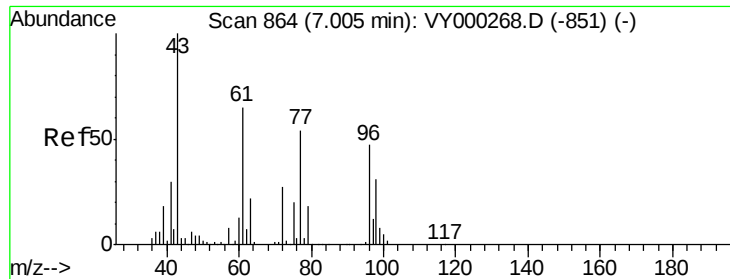
97 24.0 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

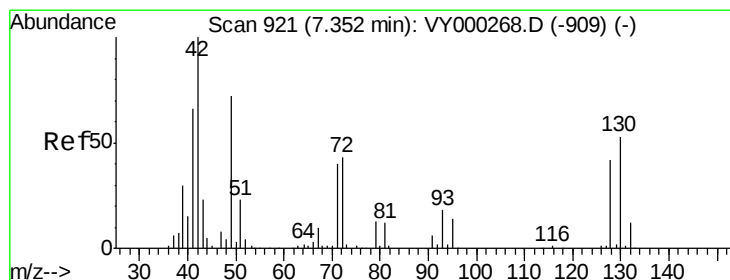
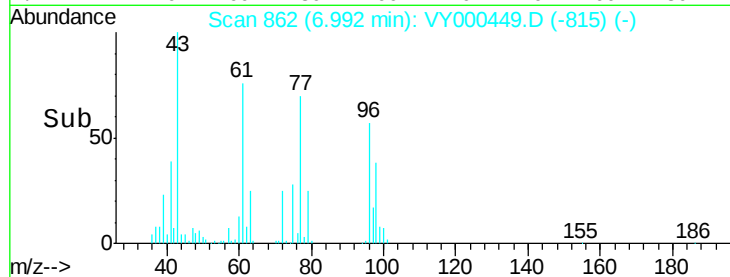
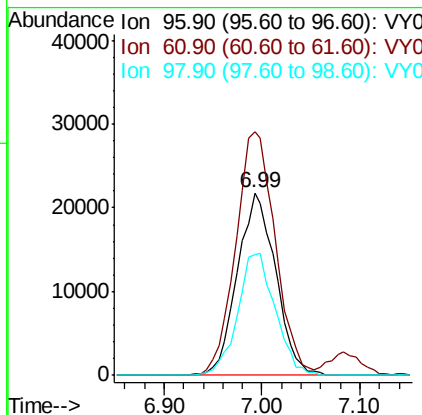
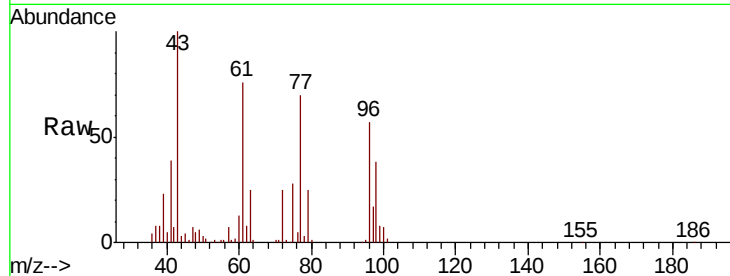
cis-1,2-Dichloroethene
Concen: 23.071 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59049		
61	138.3		0.0	289.8
98	65.5		0.0	131.8

Manual Integrations
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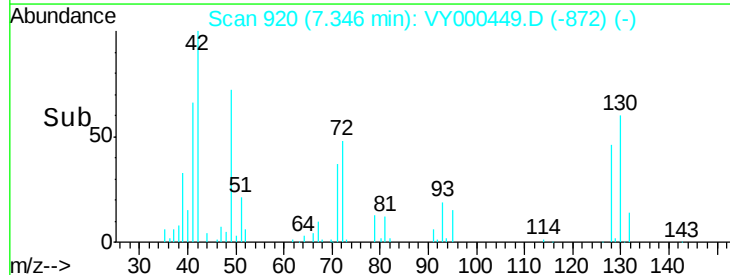
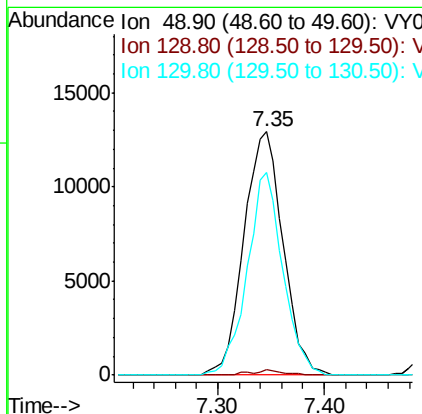
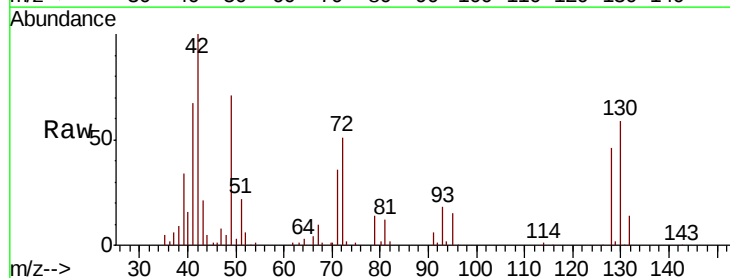
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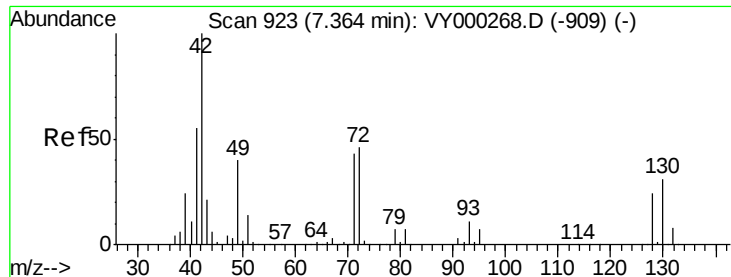


#28

Bromochloromethane
Concen: 19.644 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33261		
129	1.8		0.0	4.0
130	75.9		58.2	87.2





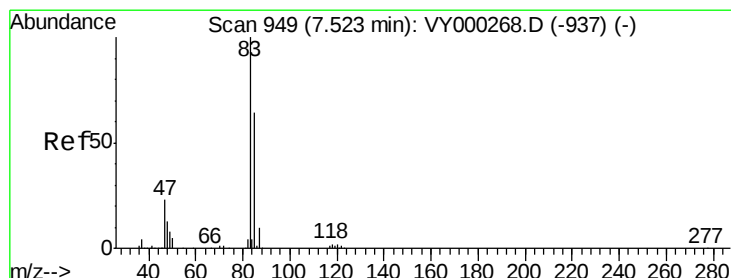
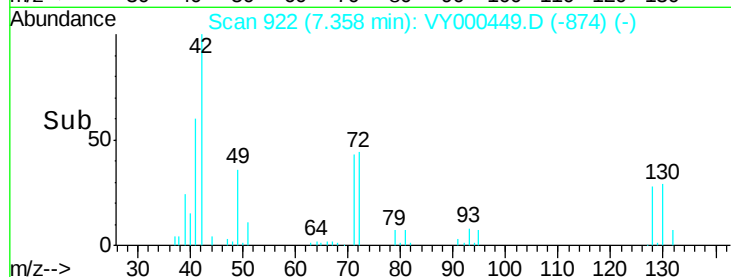
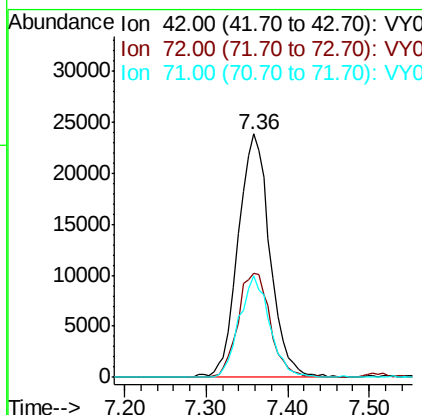
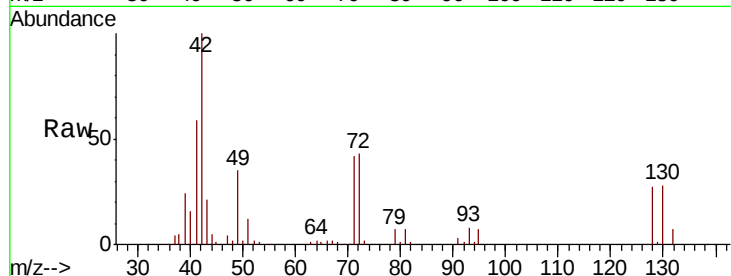
#29
Tetrahydrofuran
Concen: 108.207 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.5	51.7
71	39.7	32.7	49.1

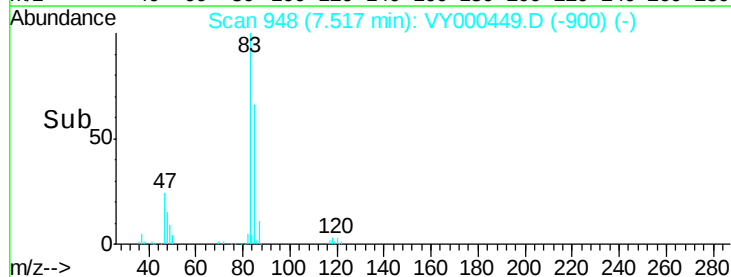
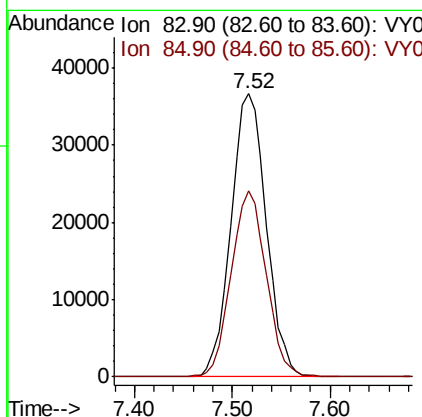
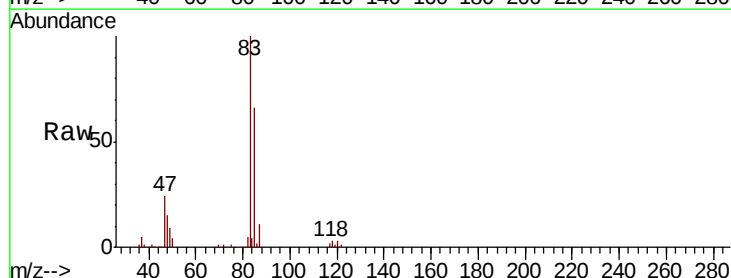
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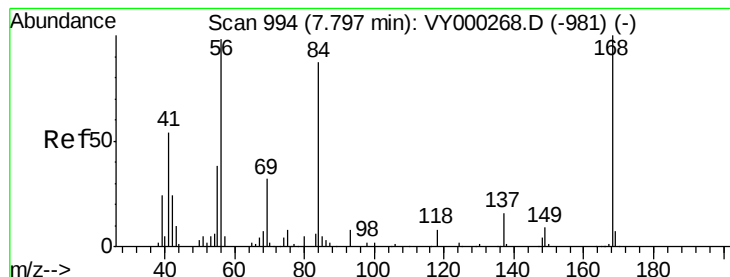
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#30
Chloroform
Concen: 23.053 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2





#31

Cyclohexane

Concen: 21.576 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

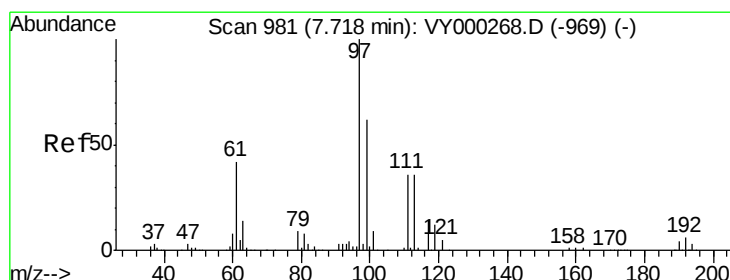
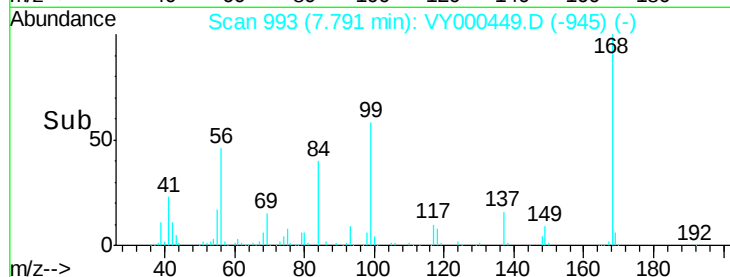
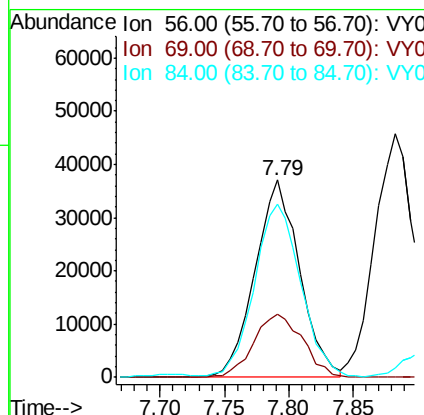
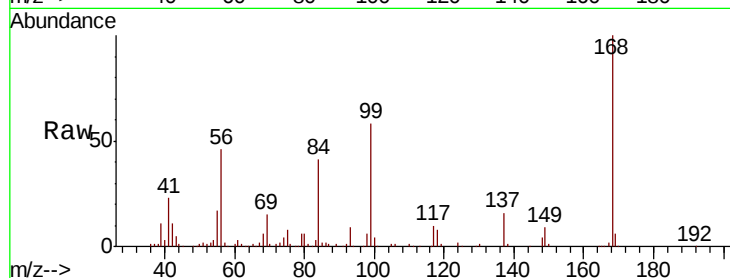
ClientSampleId :

VY1028SBS01

Tot Ion:	56	Resp:	88884
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.3	39.5
84	86.8	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.766 ug/l

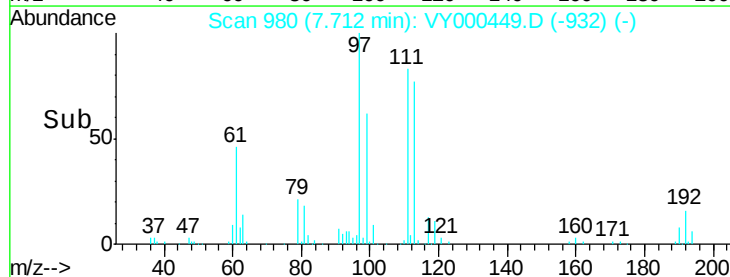
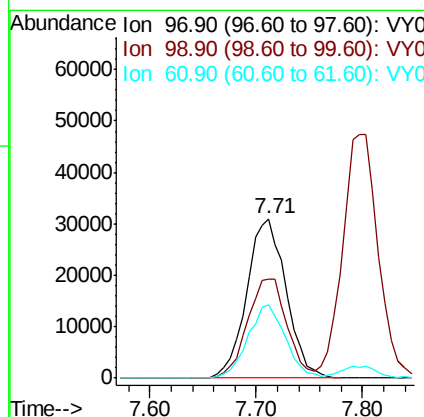
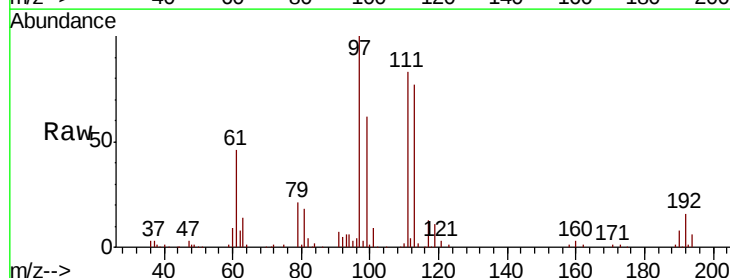
RT: 7.71 min Scan# 980

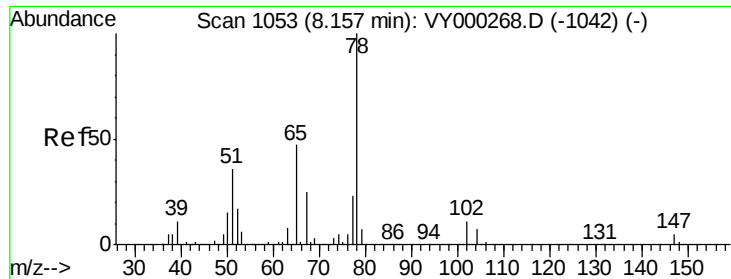
Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	97	Resp:	80396
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.7	77.5
61	43.8	34.5	51.7





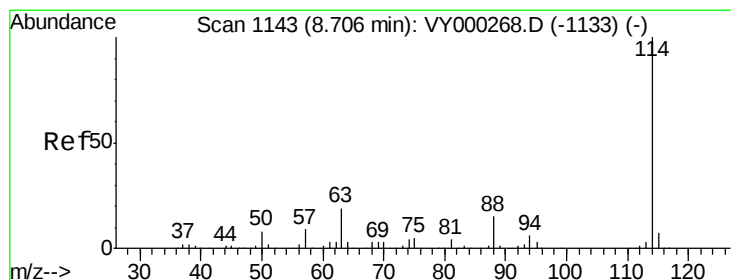
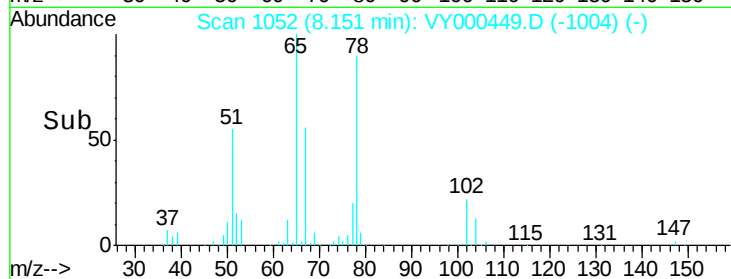
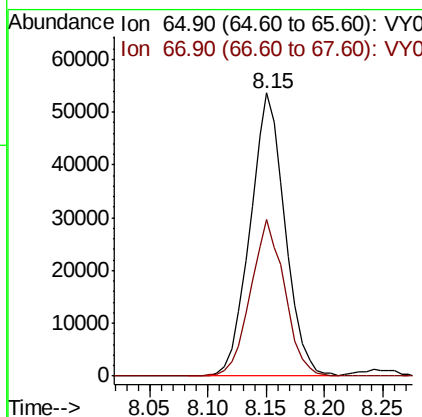
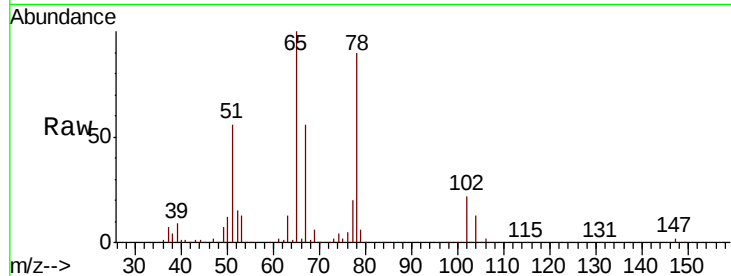
#33
 1,2-Dichloroethane-d4
 Concen: 51.847 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.4

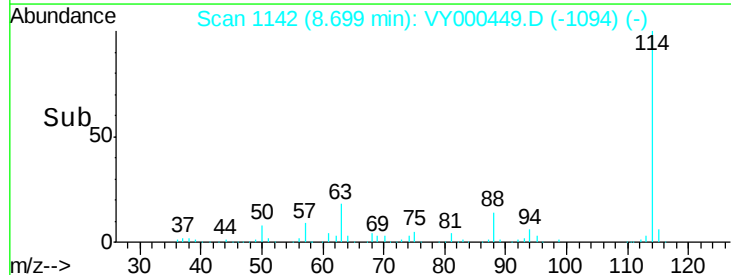
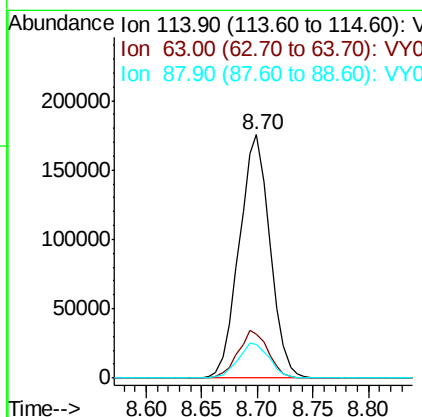
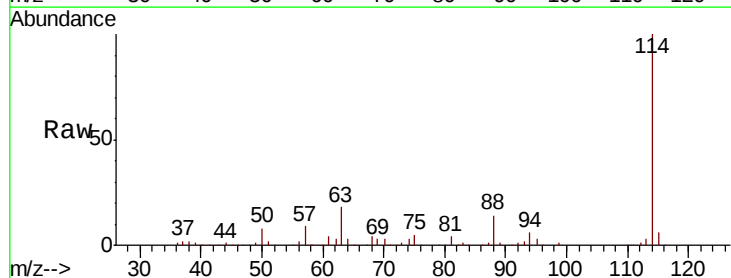
Manual Integrations
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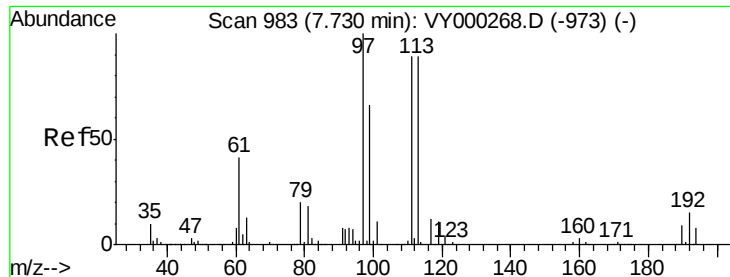
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.2
88	13.8	0.0	30.2





#35

Dibromofluoromethane

Concen: 50.428 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

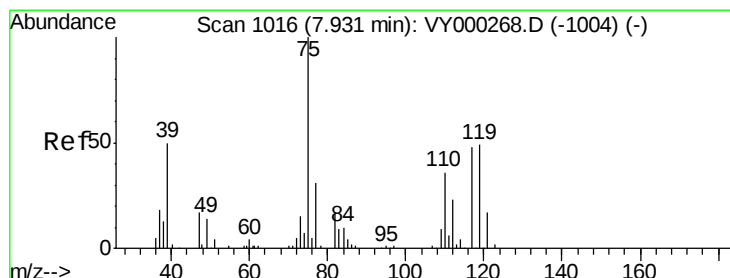
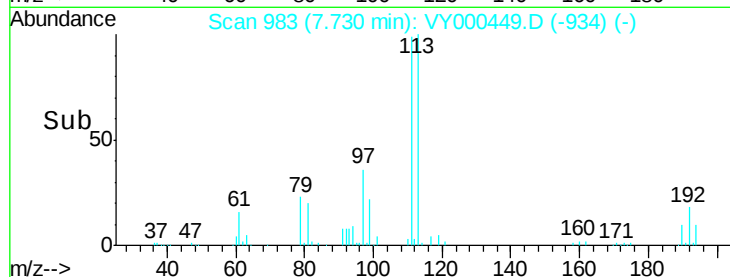
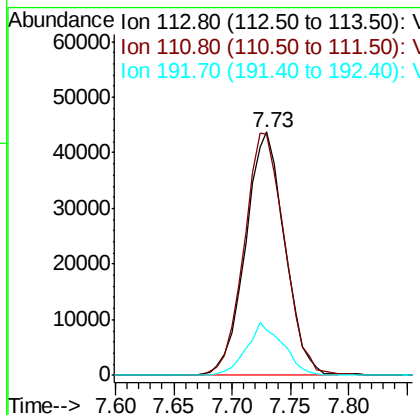
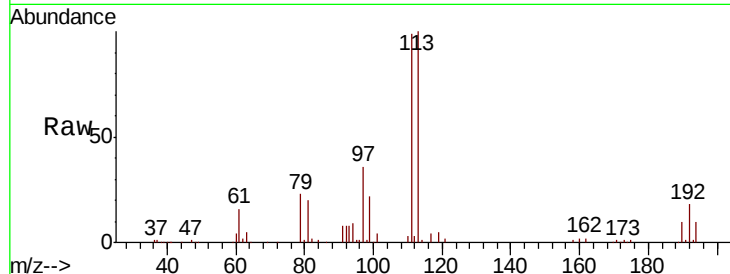
ClientSampleId :

VY1028SBS01

Tot Ion:	113	Resp:	102317
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.6	122.4
192	20.2	15.3	22.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.940 ug/l

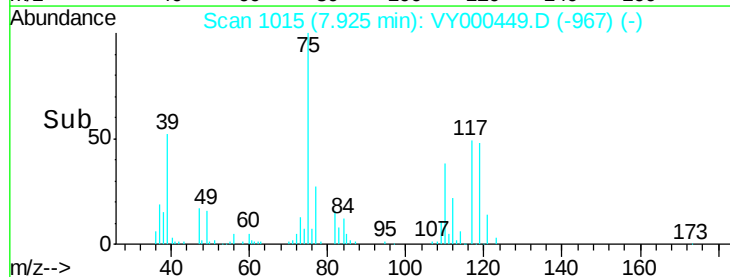
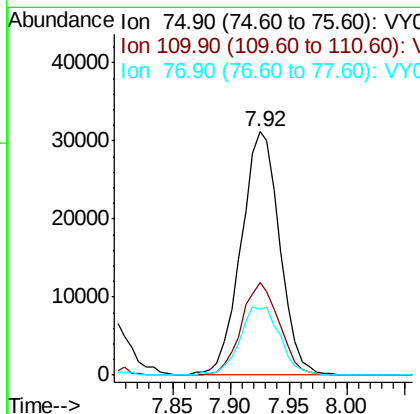
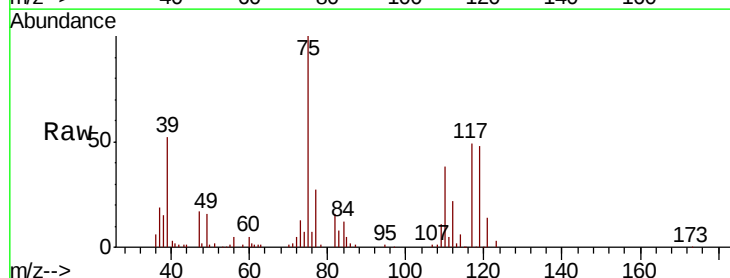
RT: 7.92 min Scan# 1015

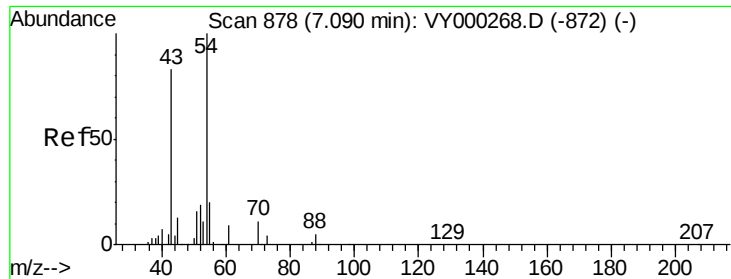
Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	75	Resp:	72253
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.4	55.4
77	29.2	25.0	37.6





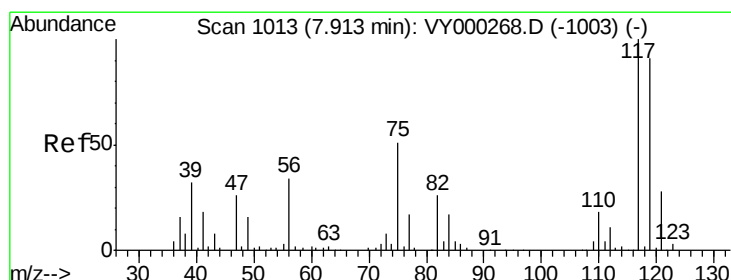
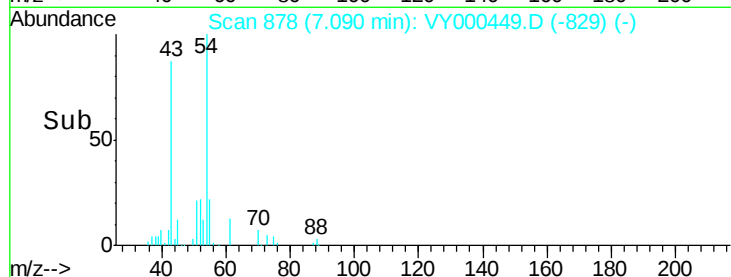
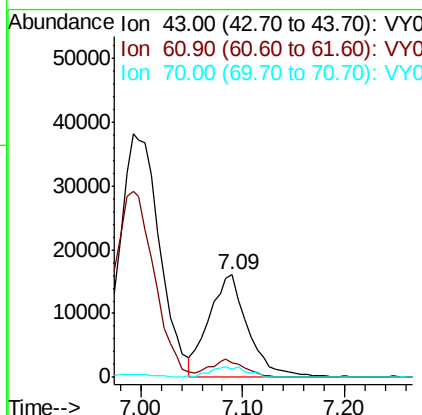
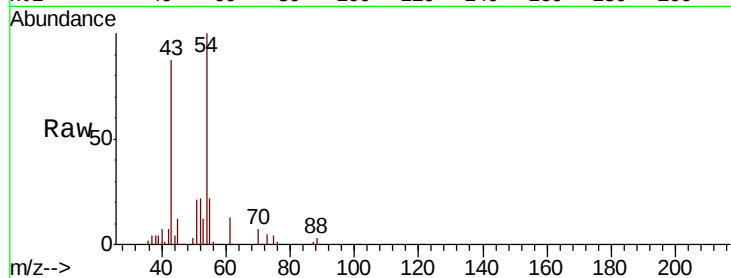
#37
Ethyl Acetate
Concen: 21.895 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	10.4	8.7	13.1

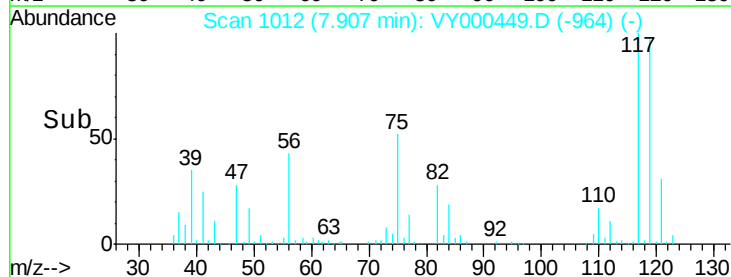
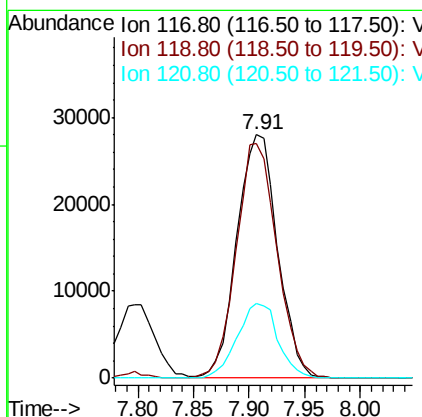
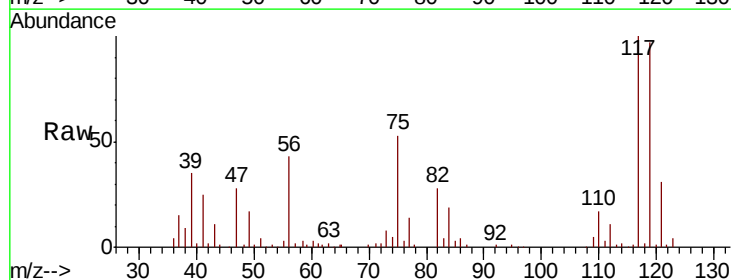
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 22.316 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	72.8	109.2
121	30.7	22.2	33.2





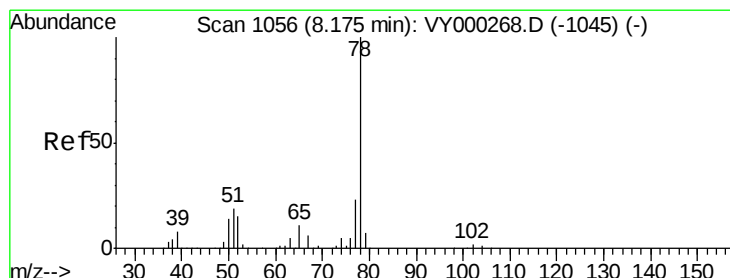
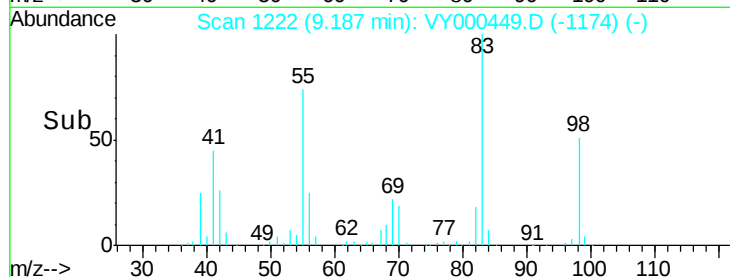
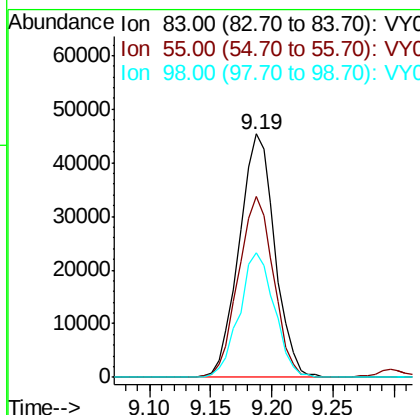
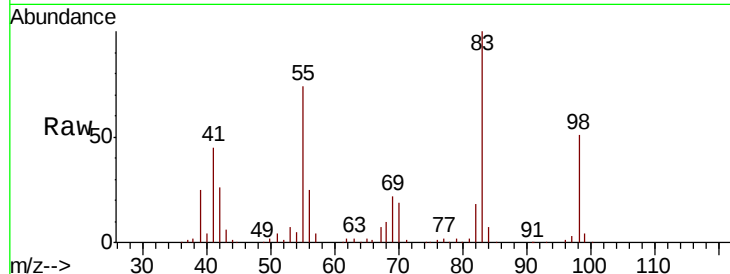
#39
Methvlcvclohexane
Concen: 21.306 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.9	91.3
98	51.4	41.8	62.6

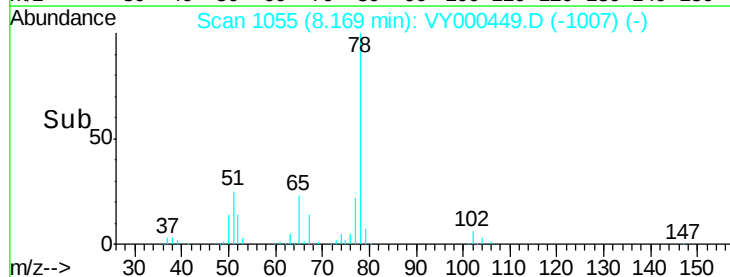
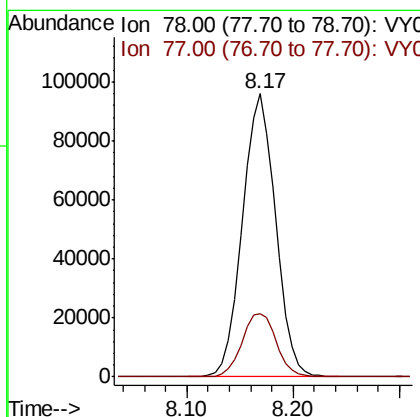
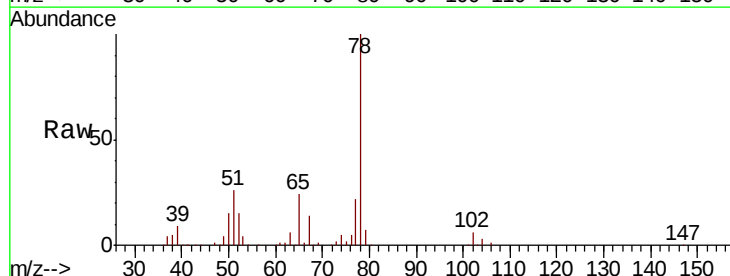
Manual Integrations
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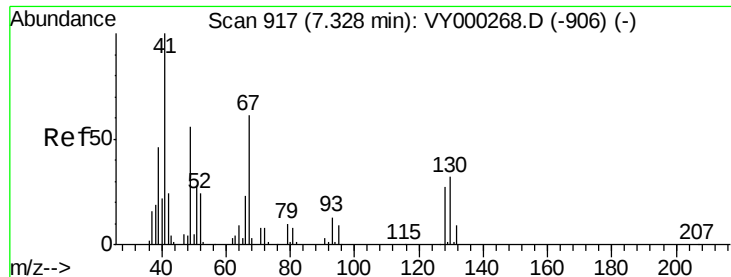
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#40
Benzene
Concen: 22.049 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2





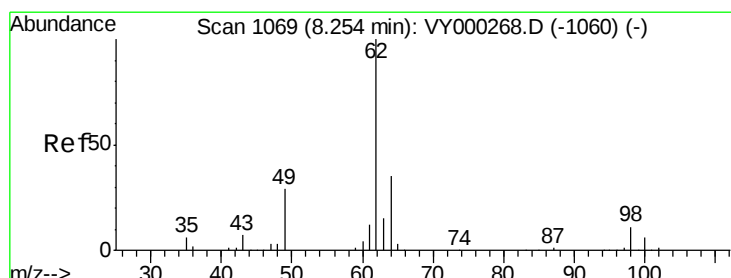
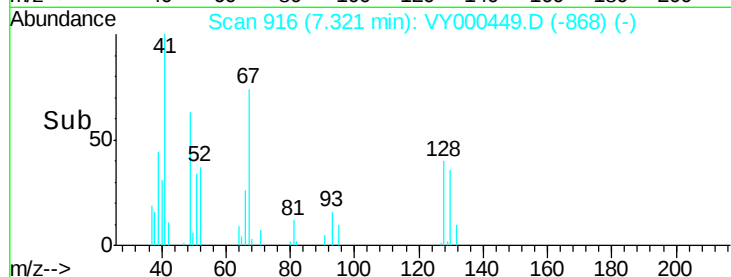
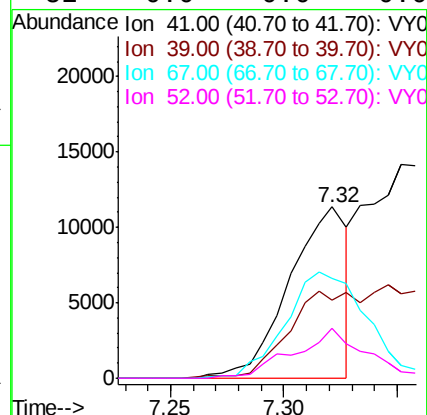
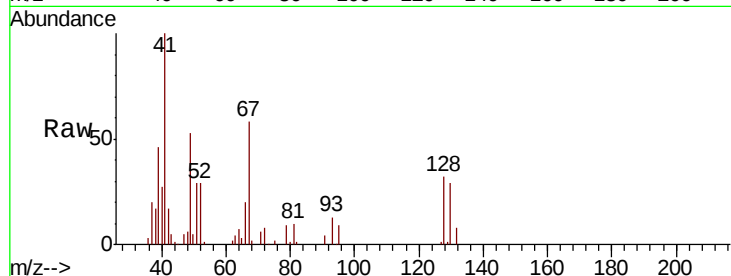
#41
Methacrylonitrile
Concen: 22.080 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion:	41	Resp:	20494
Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

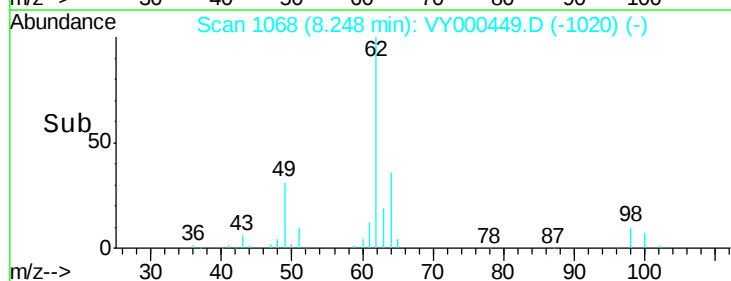
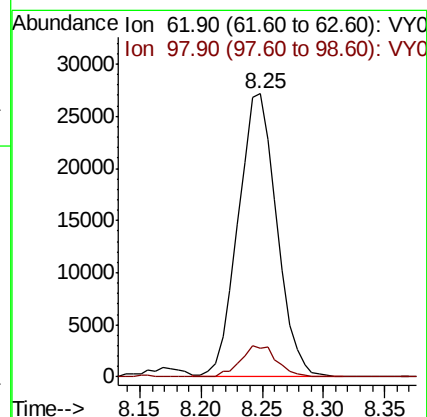
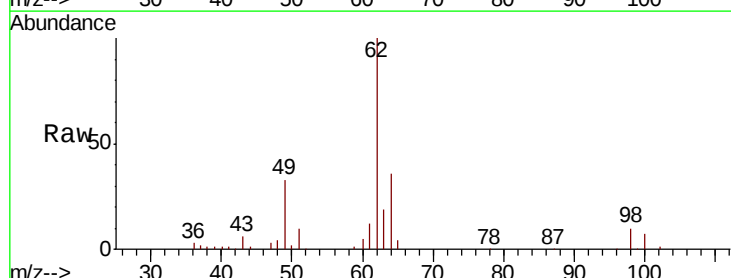
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 21.936 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:	62	Resp:	59633
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.270 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

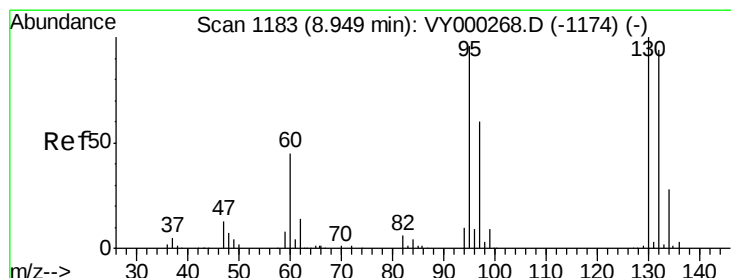
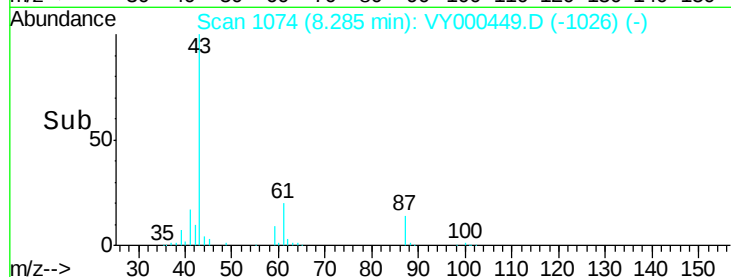
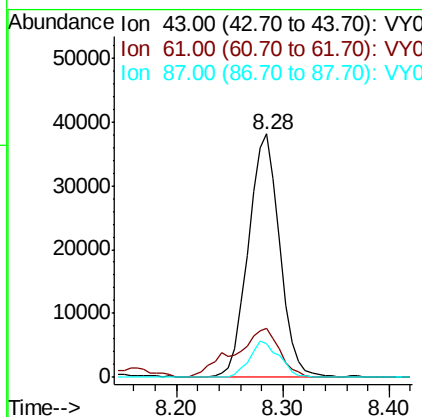
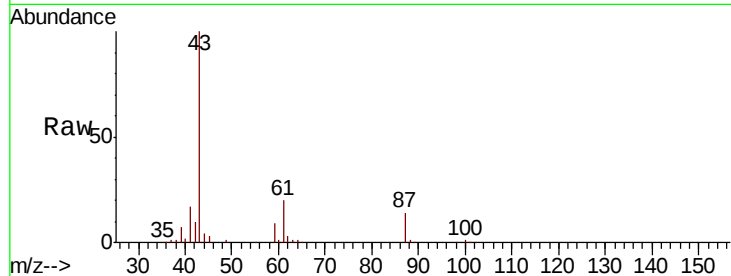
ClientSampleId :

VY1028SBS01

Tot Ion:	43	Resp:	78864
Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.3	33.5
87	14.1	10.9	16.3

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#44

Trichloroethene

Concen: 21.303 ug/l

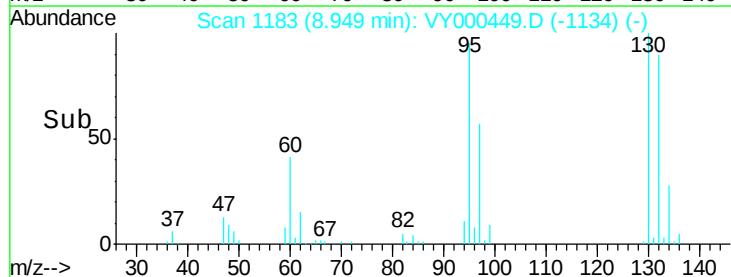
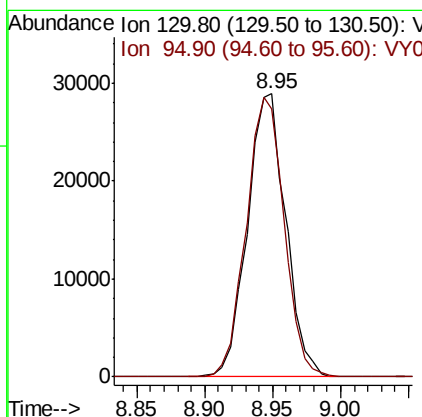
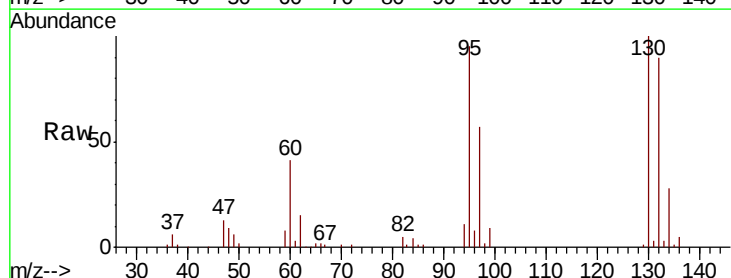
RT: 8.95 min Scan# 1183

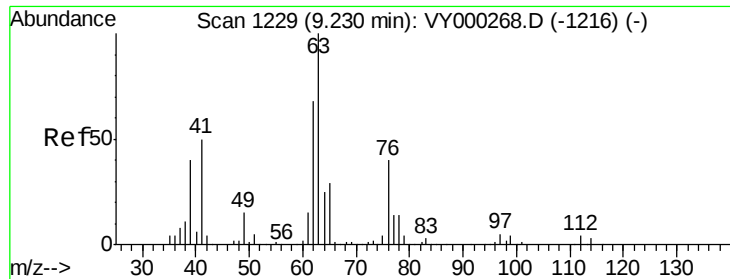
Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	130	Resp:	56887
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	191.4





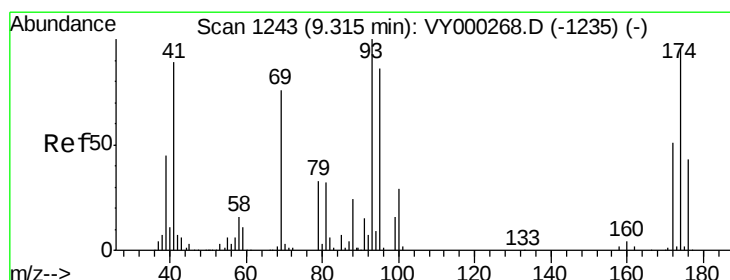
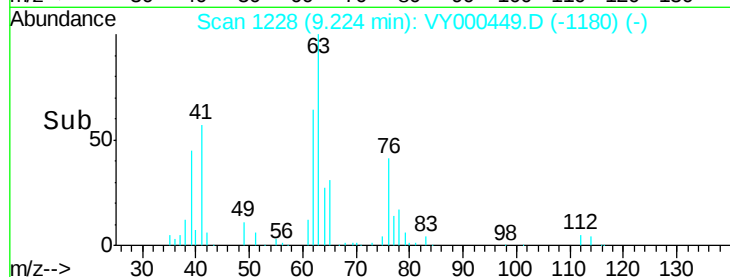
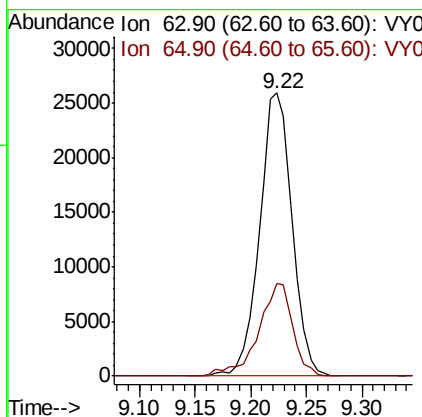
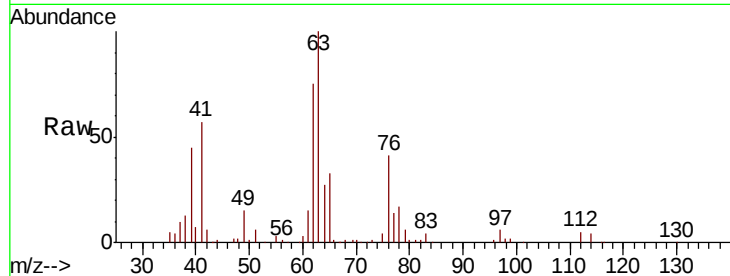
#45
 1,2-Dichloropropane
 Concen: 22.539 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion: 63 Resp: 52639
 Ion Ratio Lower Upper
 63 100
 65 33.0 23.2 34.8

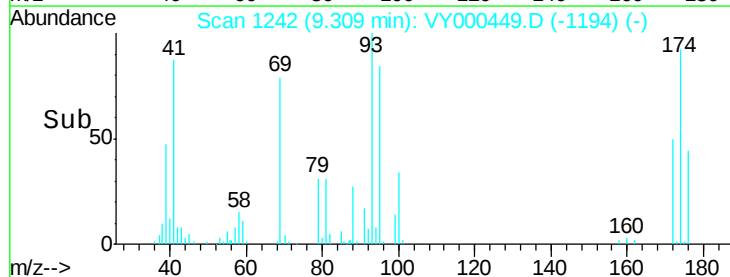
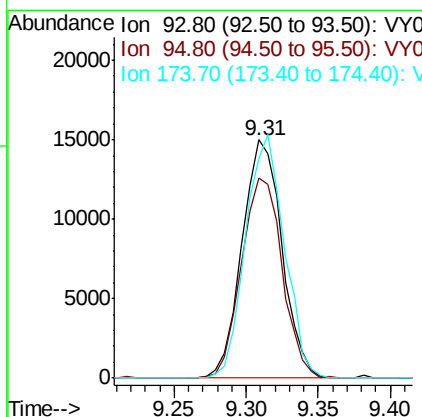
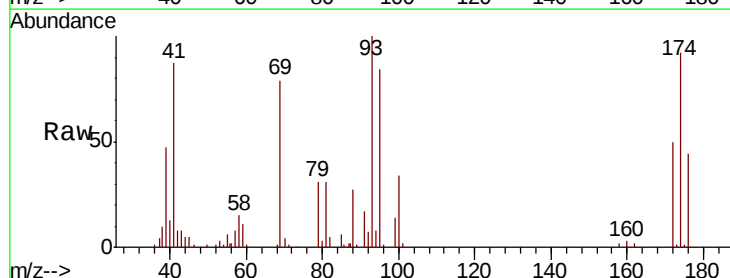
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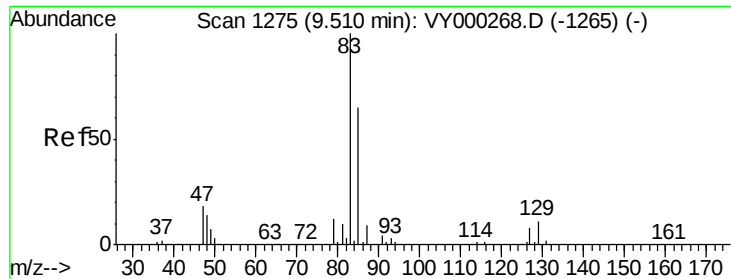
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#46
 Dibromomethane
 Concen: 22.067 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion: 93 Resp: 28810
 Ion Ratio Lower Upper
 93 100
 95 85.5 68.2 102.2
 174 98.8 79.8 119.6





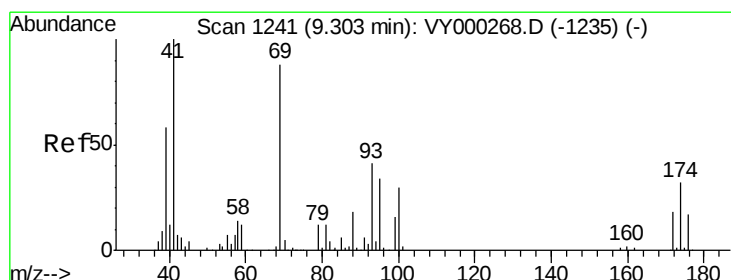
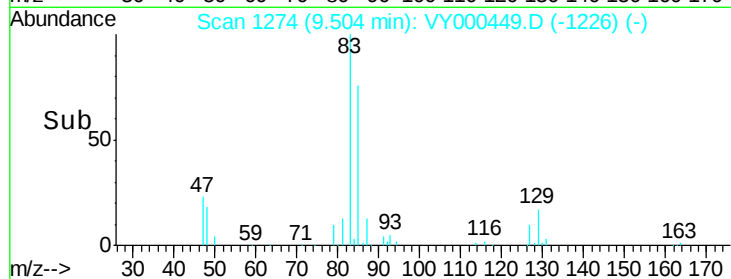
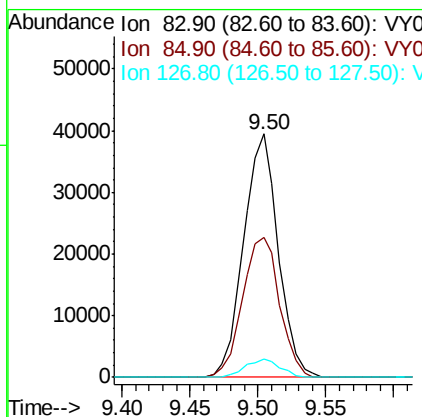
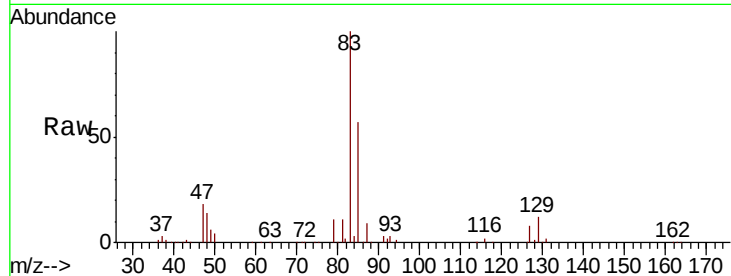
#47
Bromodichloromethane
Concen: 22.809 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	83	Resp	70182
Ion Ratio	100	Lower	Upper
83	100		
85	57.3	52.2	78.2
127	7.8	6.3	9.5

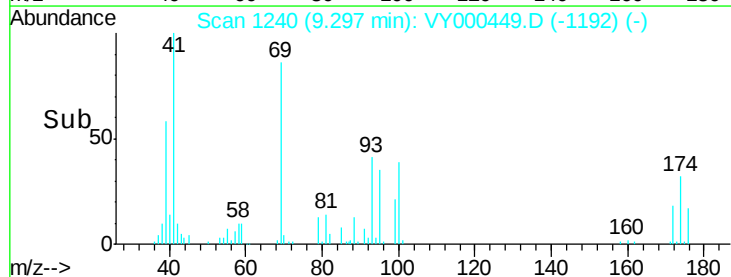
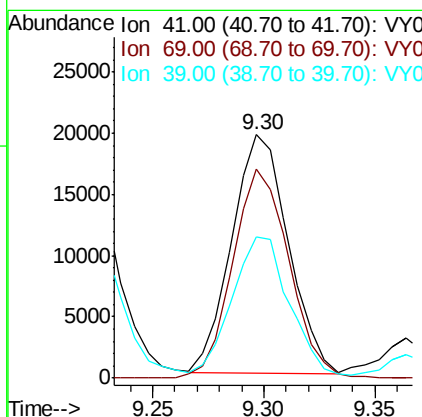
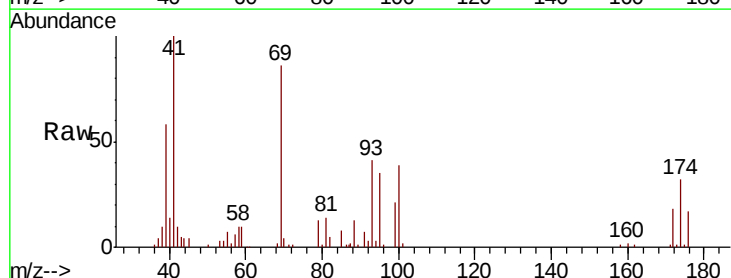
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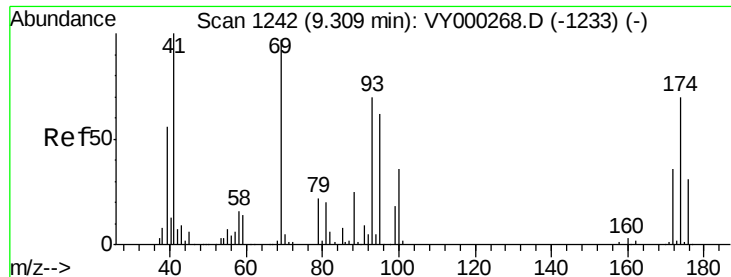
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#48
Methyl methacrylate
Concen: 21.268 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	41	Resp	34559
Ion Ratio	100	Lower	Upper
41	100		
69	86.9	70.0	105.0
39	60.7	47.7	71.5





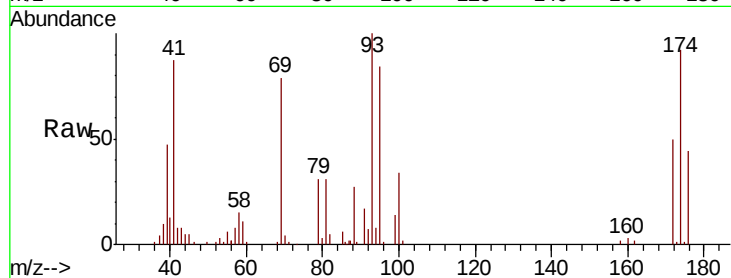
#49
 1,4-Dioxane
 Concen: 428.134 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

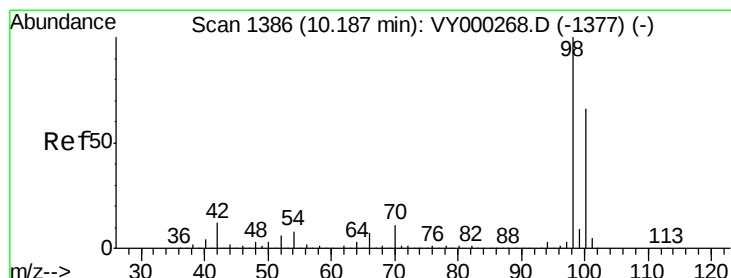
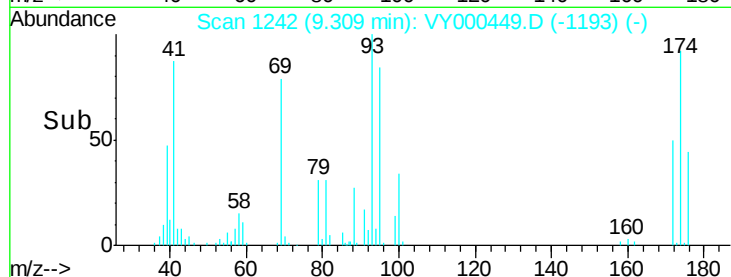
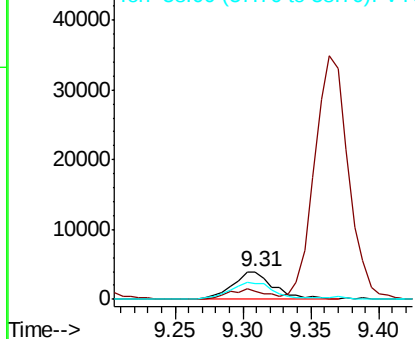
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	25.6	38.4
58	66.4	54.6	81.8

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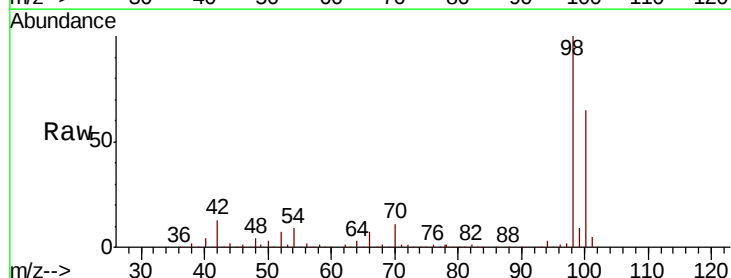


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

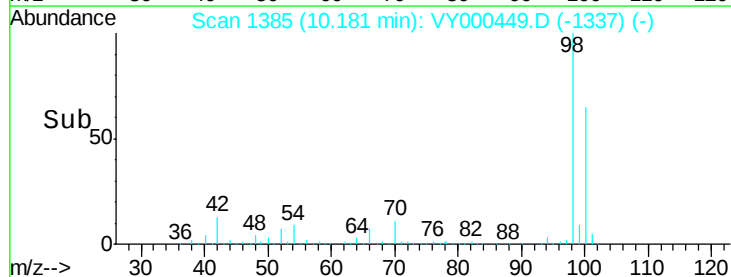
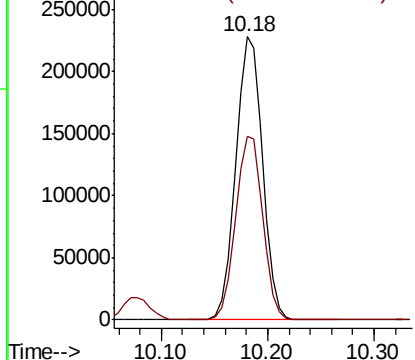


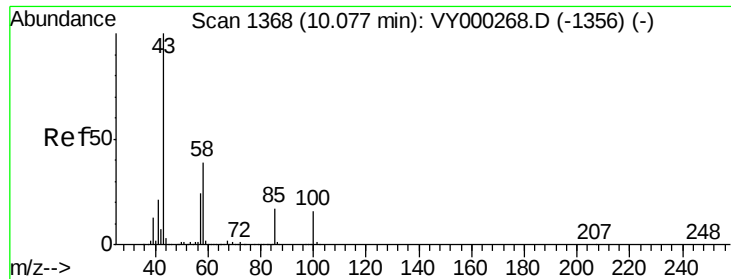
#50
 Toluene-d8
 Concen: 51.597 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2



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





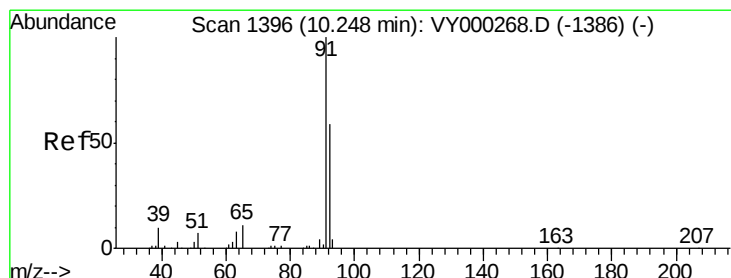
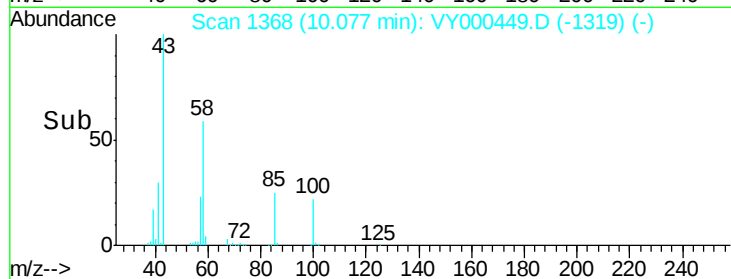
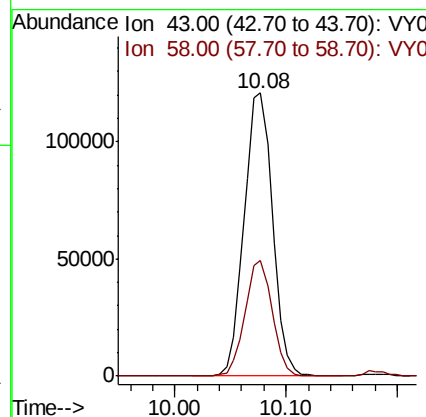
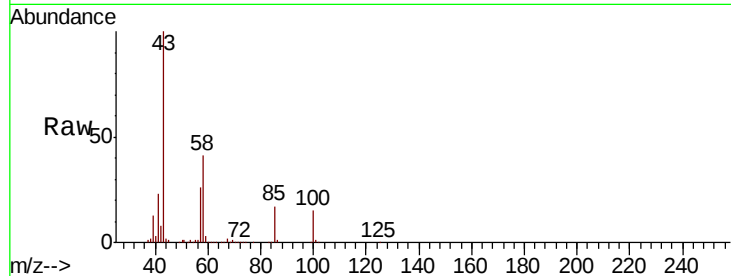
#51
4-Methyl-2-Pentanone
Concen: 112.218 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.0	46.6

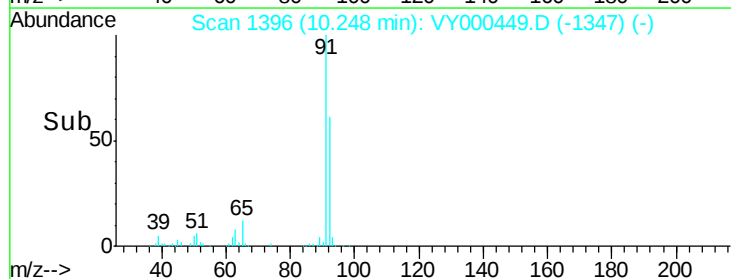
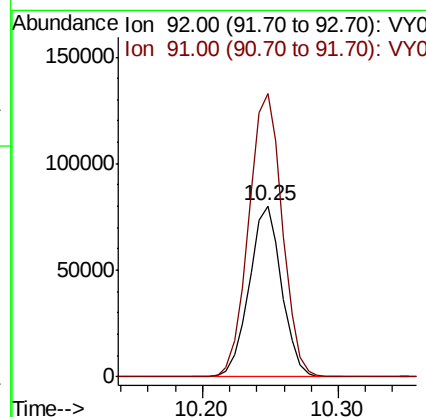
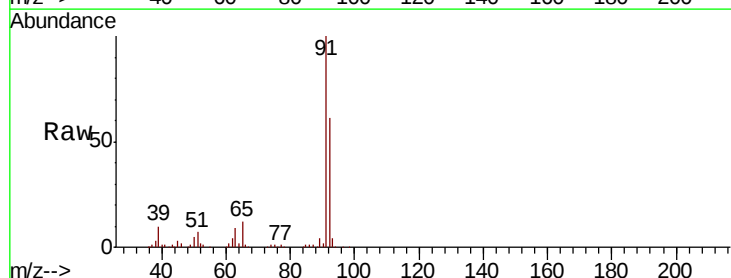
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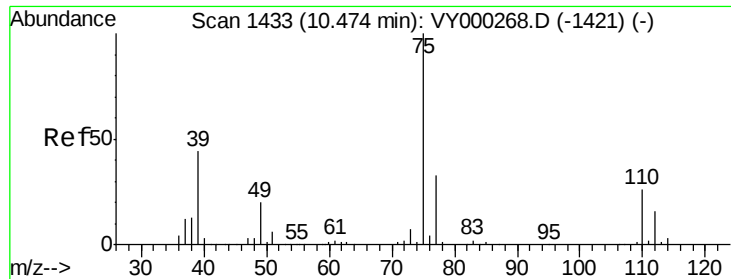
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#52
Toluene
Concen: 22.145 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.6	205.0





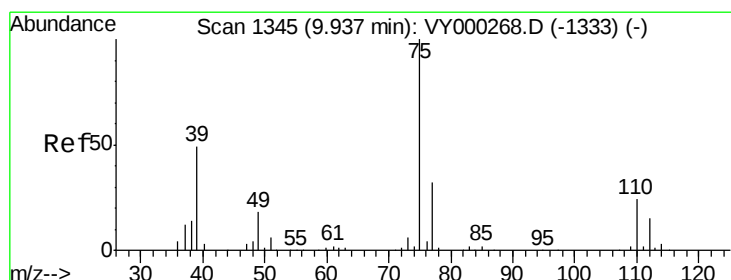
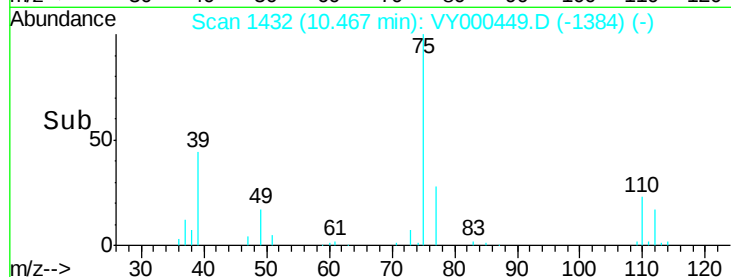
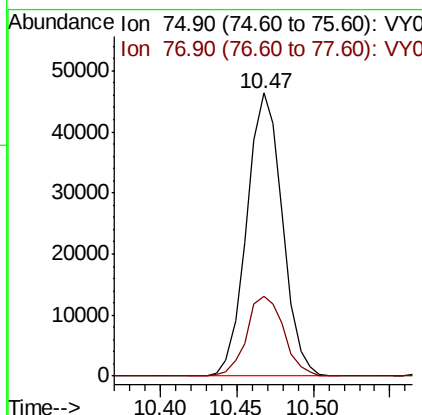
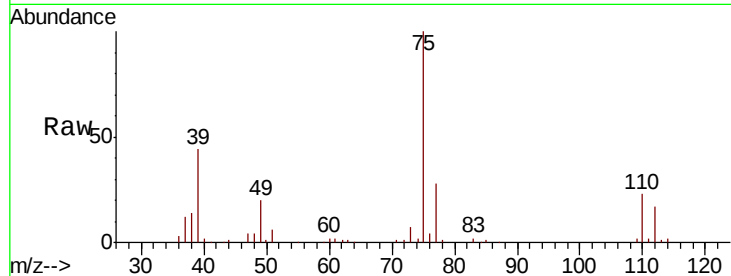
#53
 t-1,3-Dichloropropene
 Concen: 22.804 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion: 75 Resp: 75197
 Ion Ratio Lower Upper
 75 100
 77 28.3 26.0 39.0

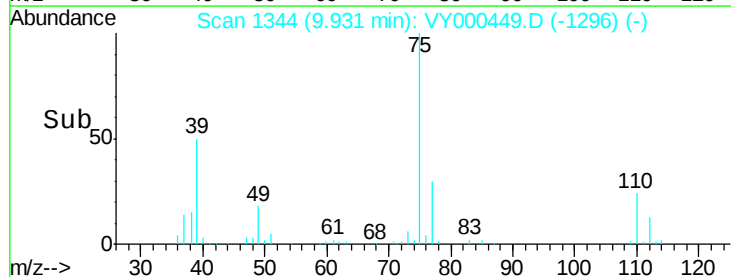
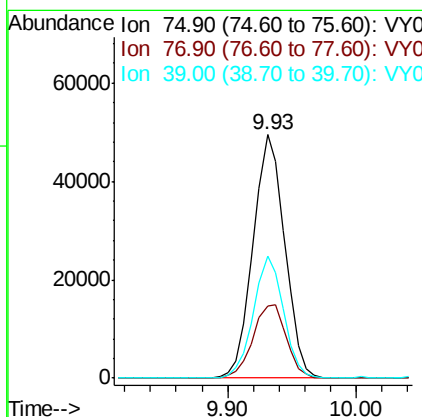
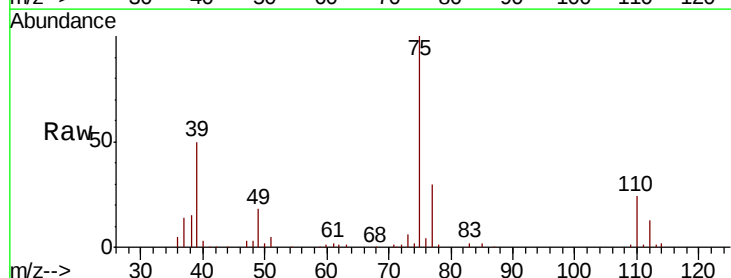
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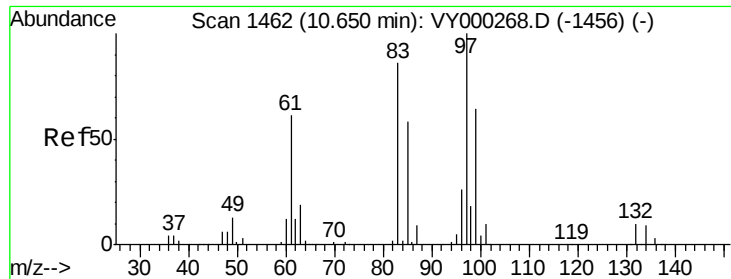
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#54
 cis-1,3-Dichloropropene
 Concen: 22.362 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion: 75 Resp: 83741
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.0 39.0
 39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 22.864 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

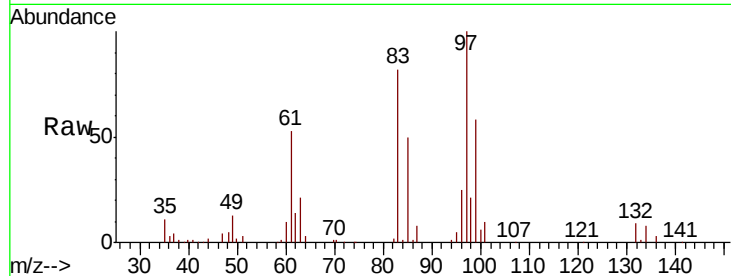
ClientSampleId :

VY1028SBS01

Tot Ion:	97	Resp:	43402
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.0	103.6
85	50.3	46.2	69.4
99	58.2	51.1	76.7

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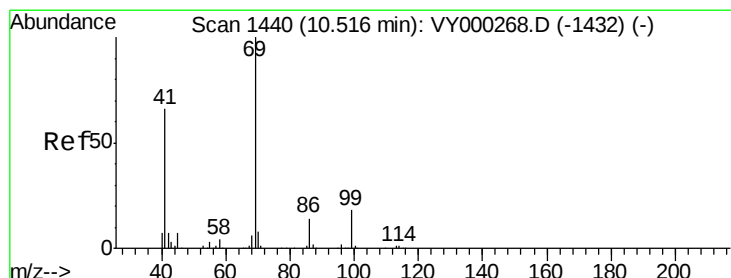
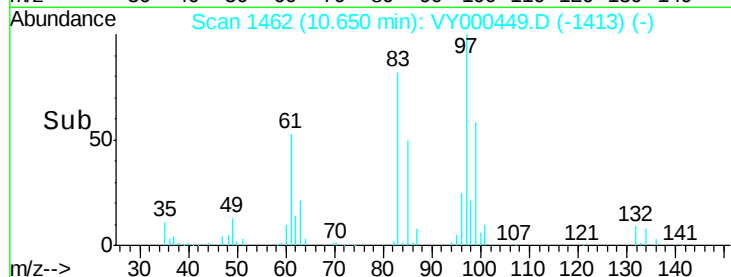
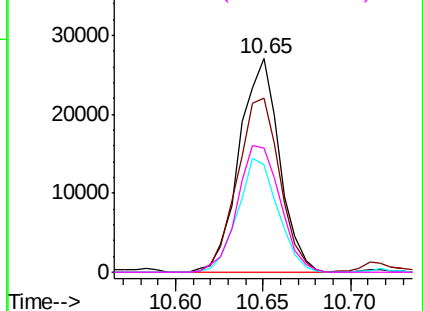
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.879 ug/l

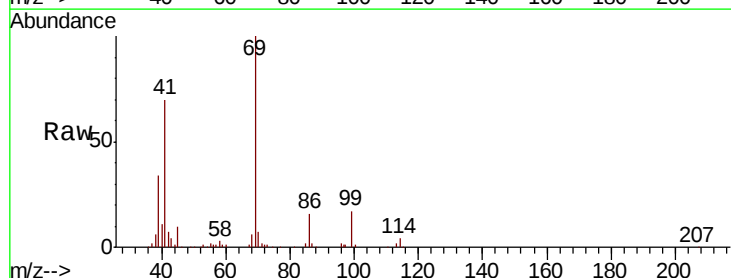
RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	69	Resp:	59199
Ion	Ratio	Lower	Upper
69	100		
41	69.1	52.5	78.7
39	36.9	26.7	40.1

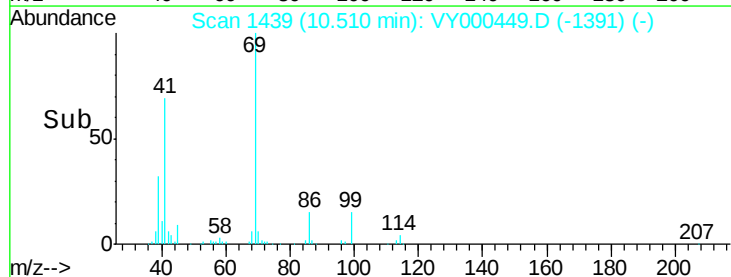
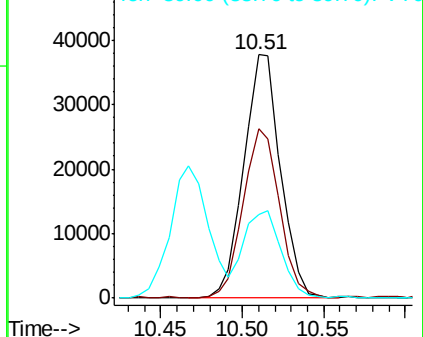


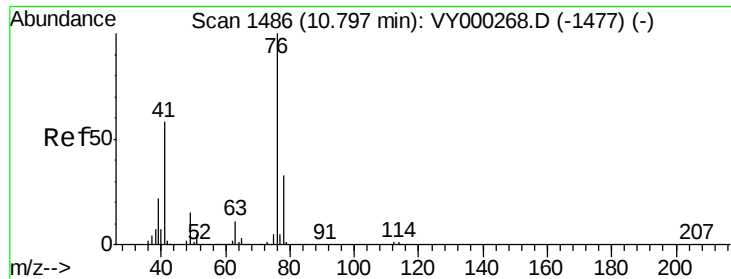
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





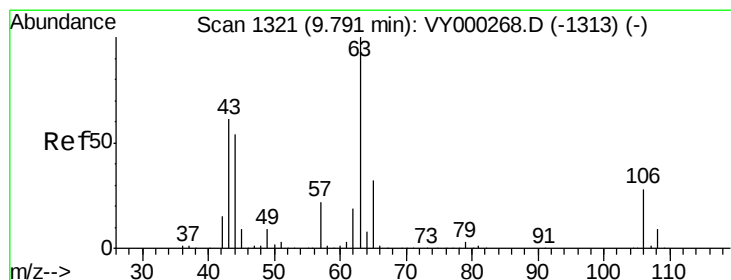
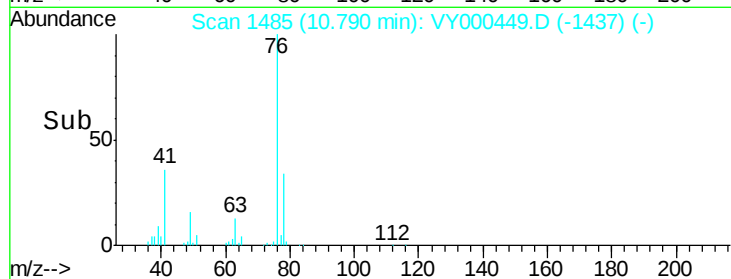
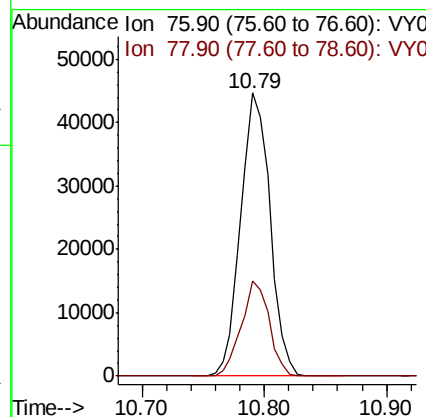
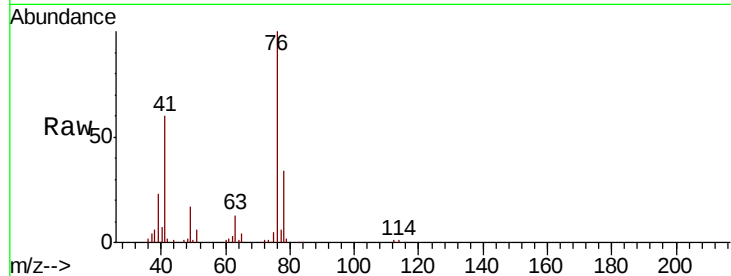
#57
 1,3-Dichloropropane
 Concen: 22.842 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion: 76 Resp: 74465
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2

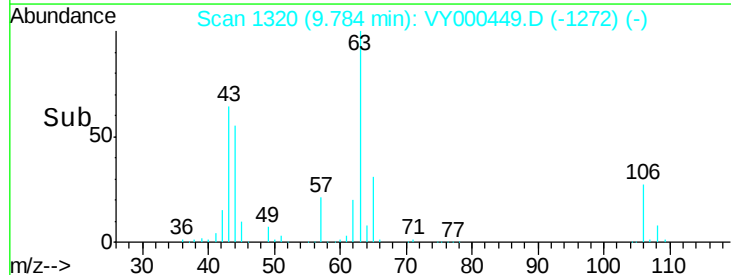
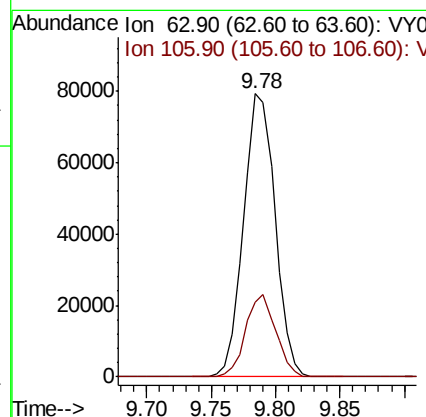
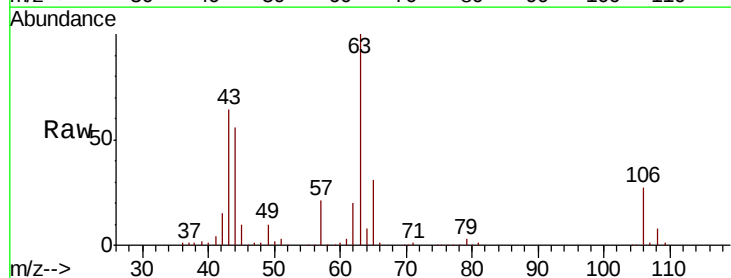
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 124.494 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion: 63 Resp: 134358
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.0 34.4





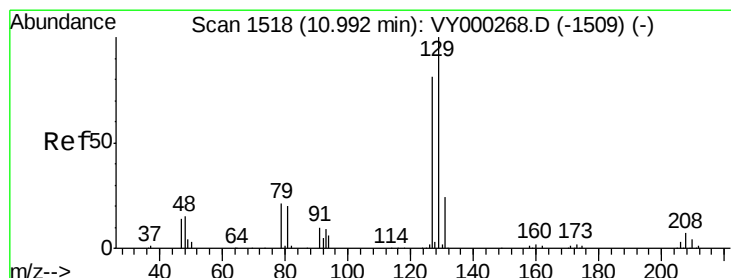
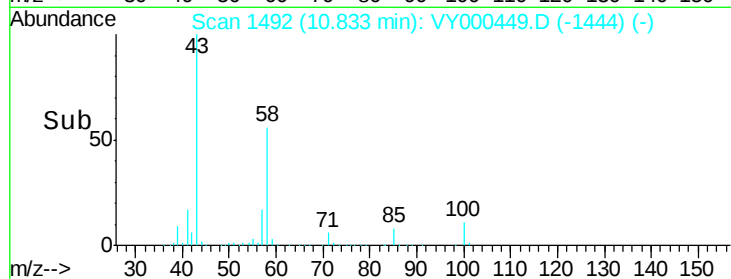
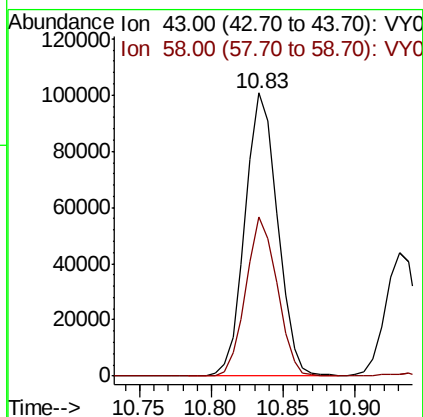
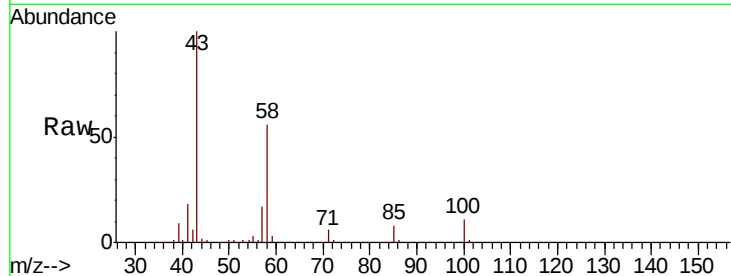
#59
2-Hexanone
Concen: 117.000 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion: 43 Resp: 157048
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1

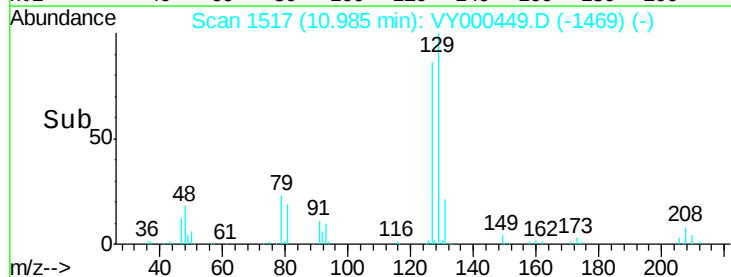
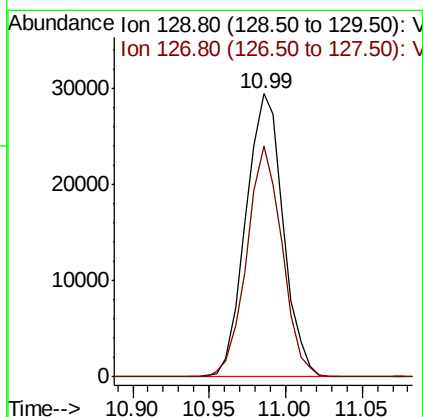
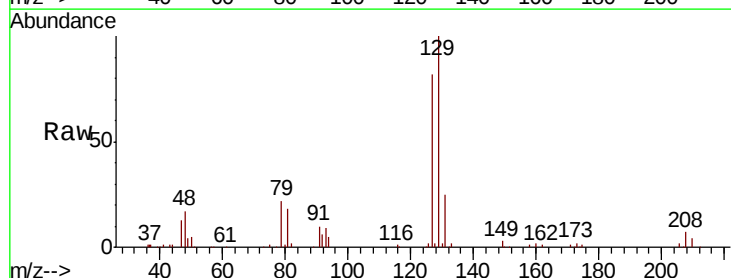
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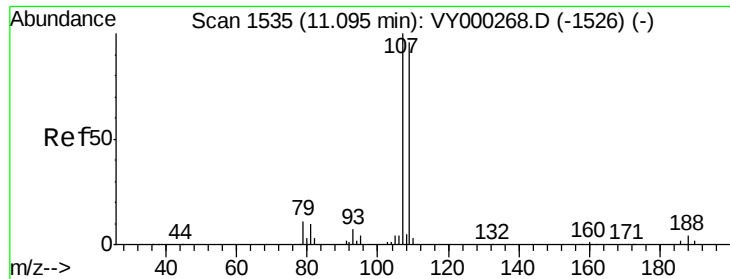
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#60
Dibromochloromethane
Concen: 23.689 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 129 Resp: 49843
Ion Ratio Lower Upper
129 100
127 77.3 39.9 119.7





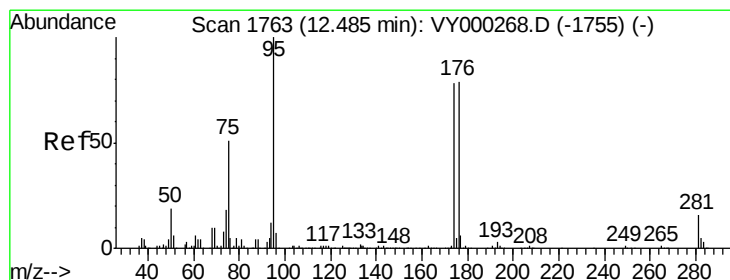
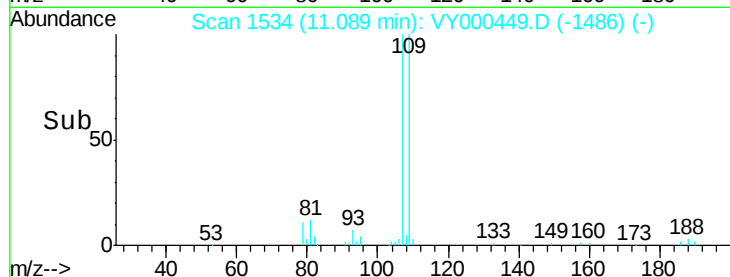
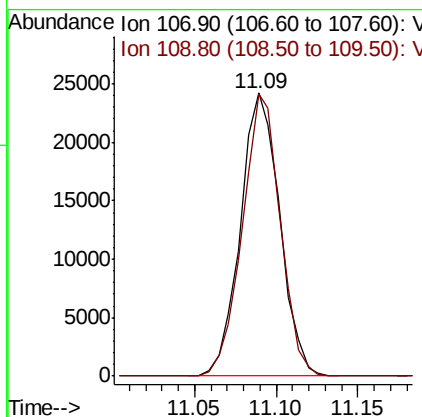
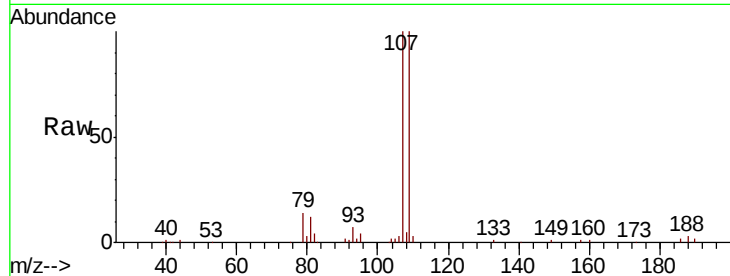
#61
 1,2-Dibromoethane
 Concen: 22.279 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.1	112.7

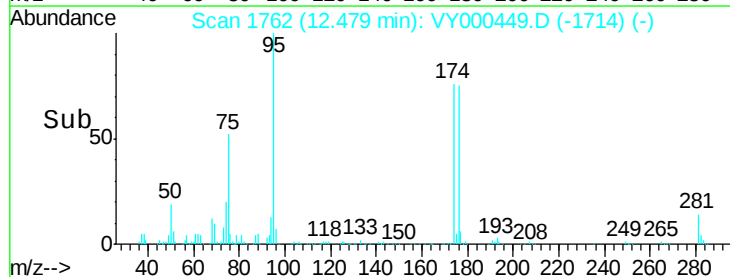
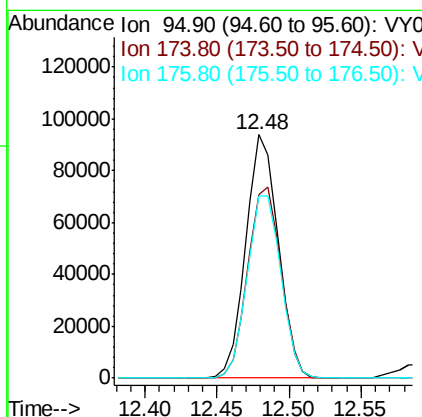
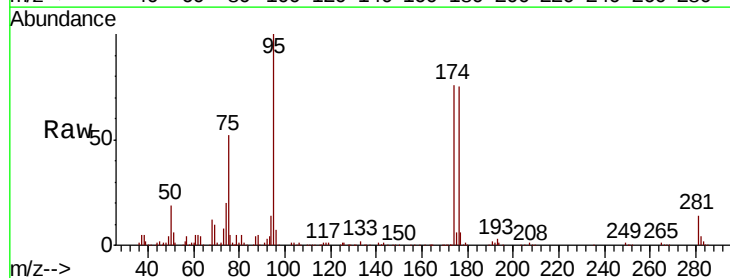
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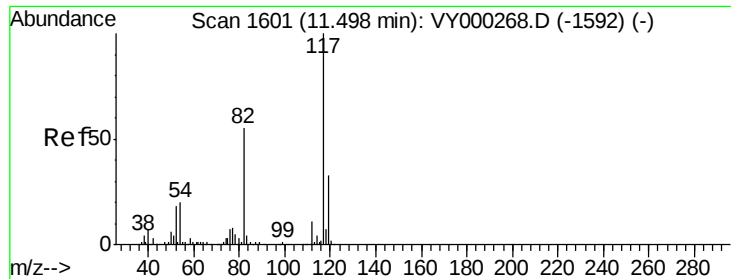
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#62
 4-Bromofluorobenzene
 Concen: 49.211 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	159.6
176	78.0	0.0	153.8





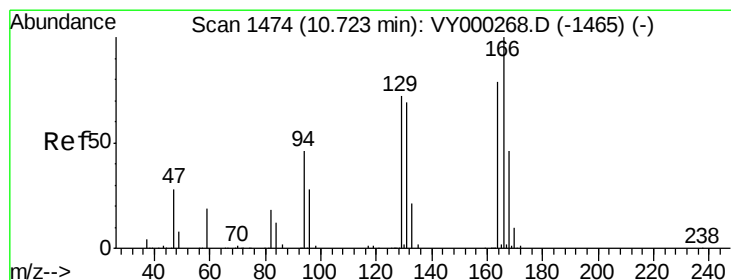
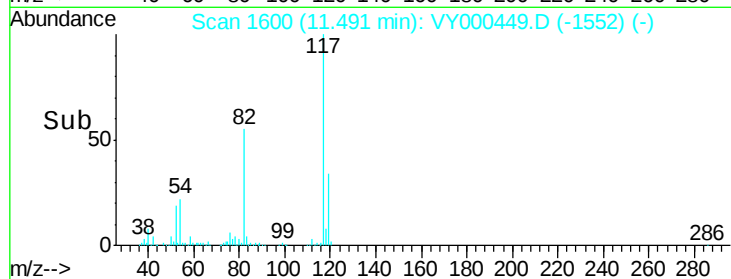
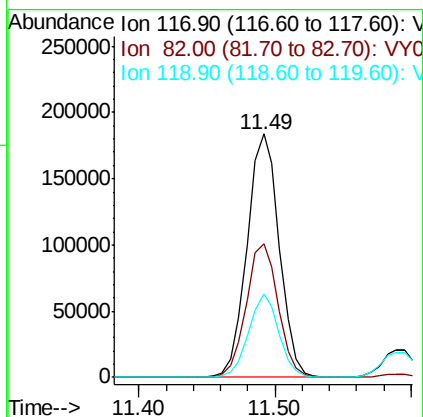
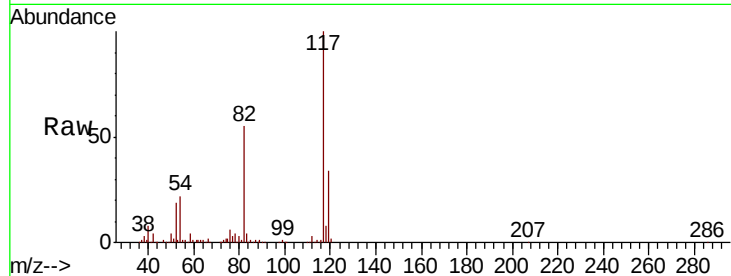
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.7	65.5
119	34.2	26.6	39.8

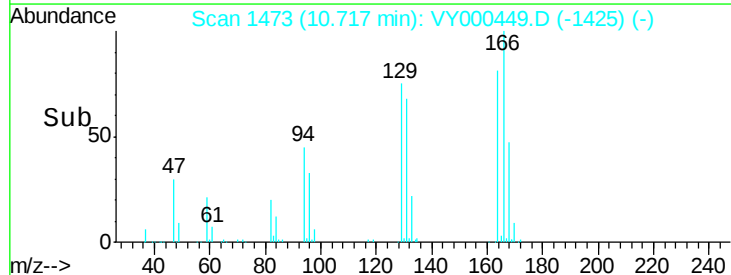
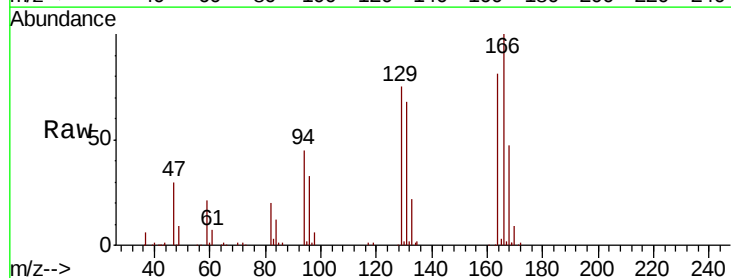
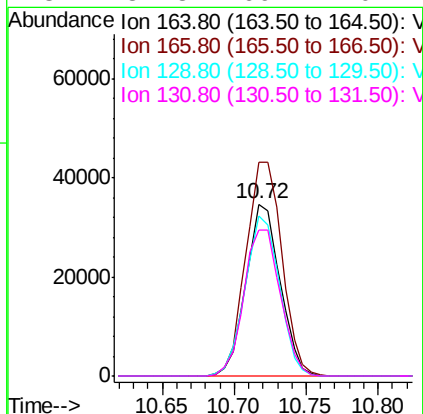
Manual Integrations
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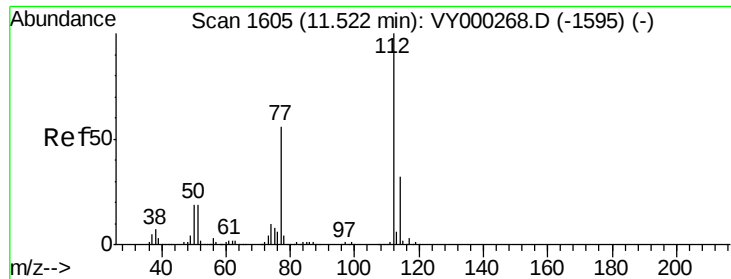
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#64
Tetrachloroethene
Concen: 19.624 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	100.6	151.0
129	93.3	72.8	109.2
131	84.8	69.4	104.2





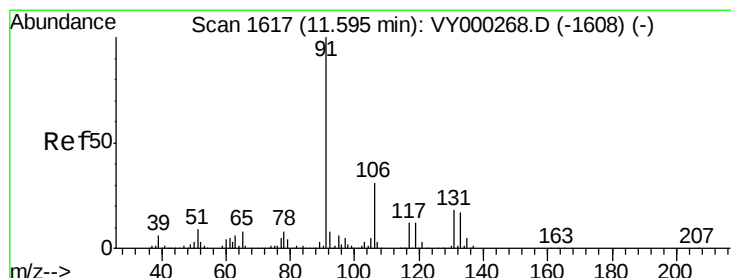
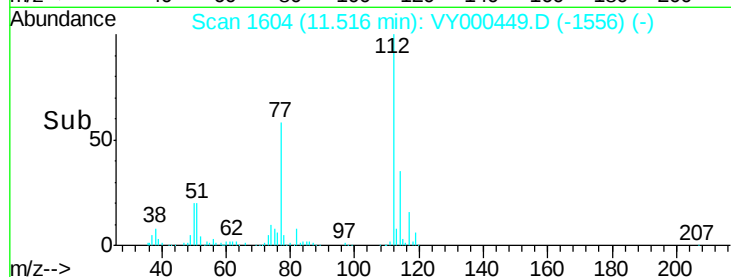
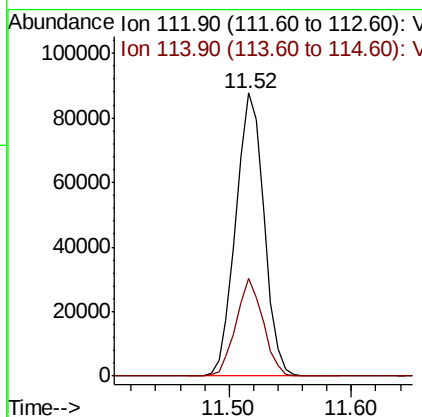
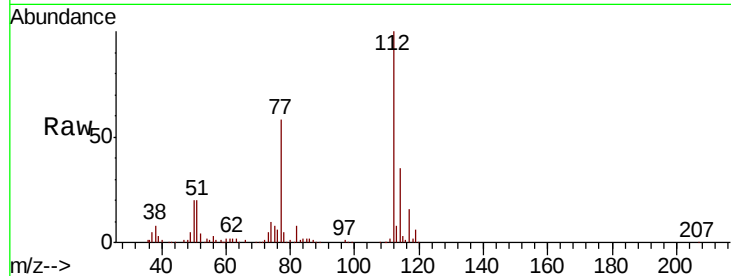
#65
Chlorobenzene
Concen: 21.810 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion:112 Resp: 140065
Ion Ratio Lower Upper
112 100
114 34.7 25.7 38.5

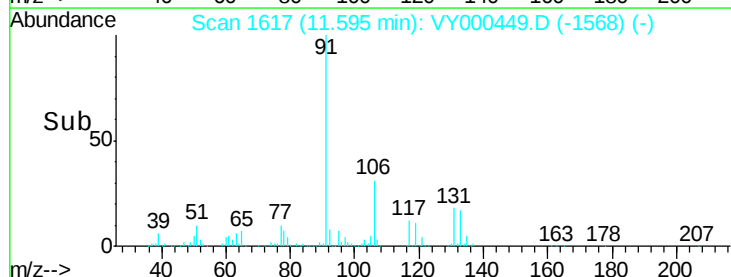
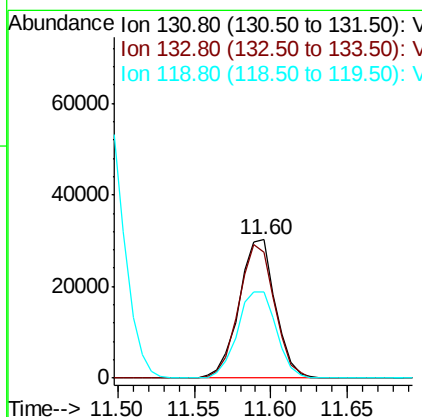
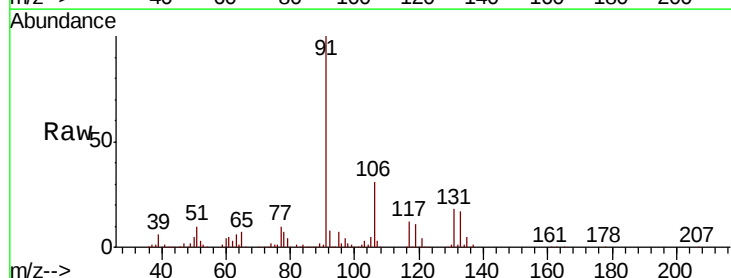
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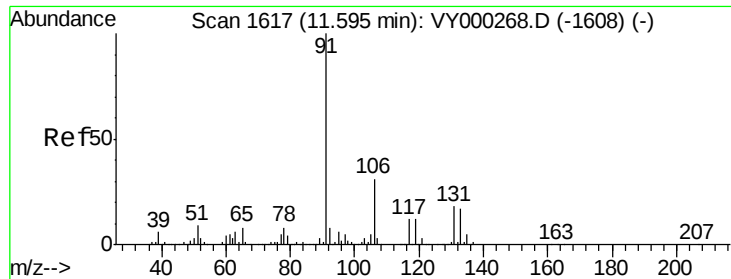
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.060 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:131 Resp: 49766
Ion Ratio Lower Upper
131 100
133 95.7 47.2 141.6
119 66.8 32.6 98.0





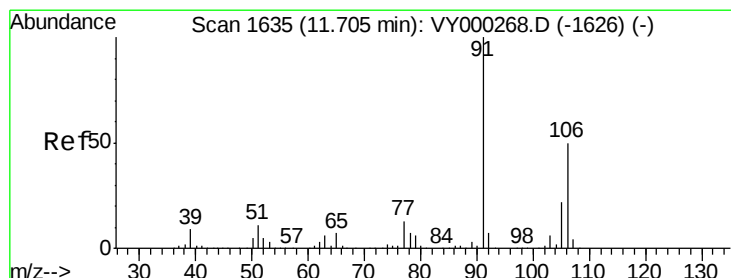
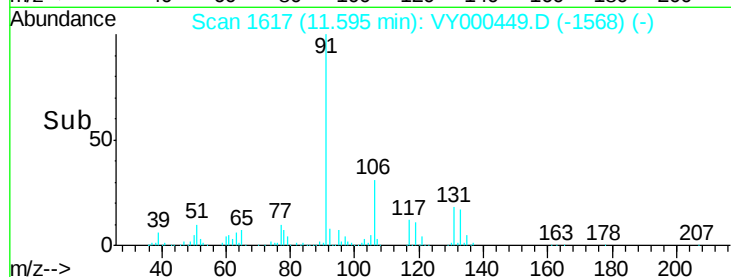
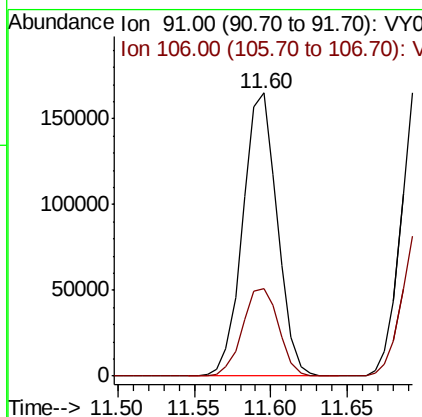
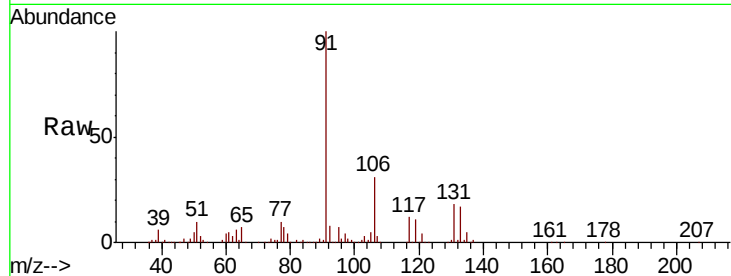
#67
Ethyl Benzene
Concen: 21.701 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion: 91 Resp: 258348
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

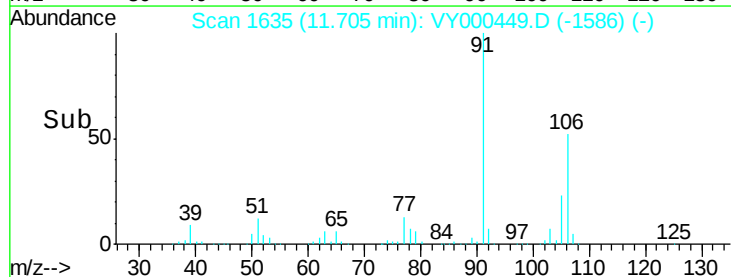
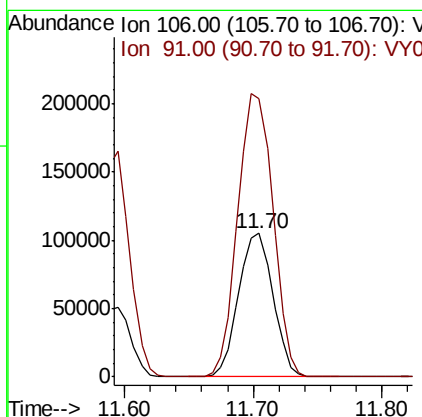
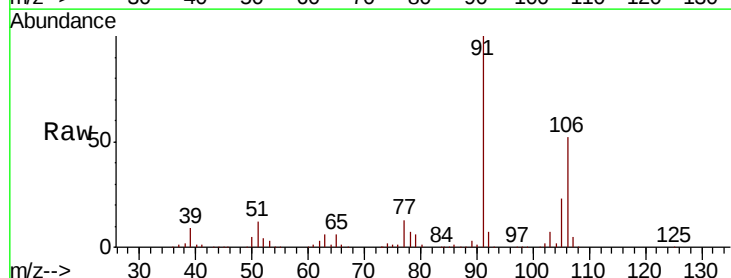
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#68
m/p-Xylenes
Concen: 43.077 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 106 Resp: 196045
Ion Ratio Lower Upper
106 100
91 201.7 157.5 236.3





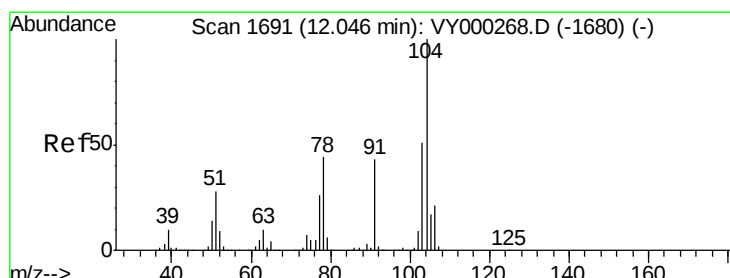
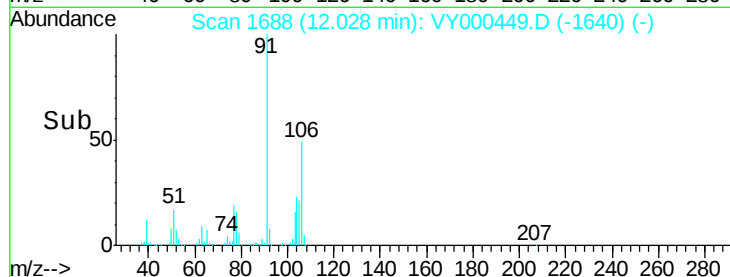
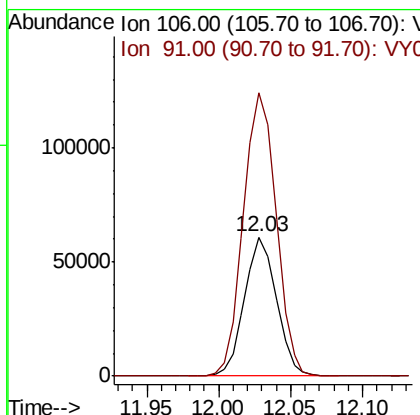
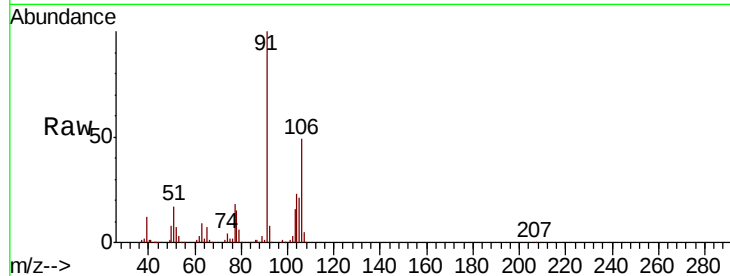
#69
o-Xylene
Concen: 21.581 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.4	104.7	313.9	

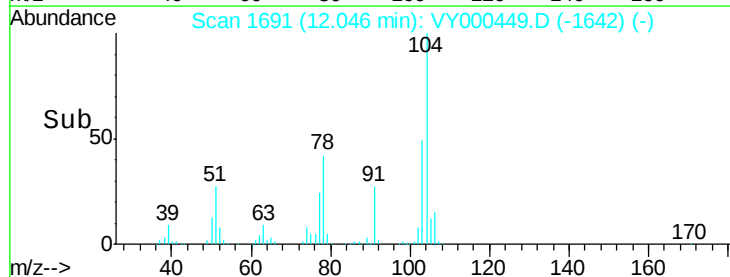
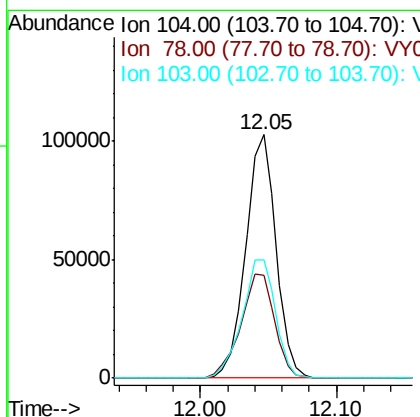
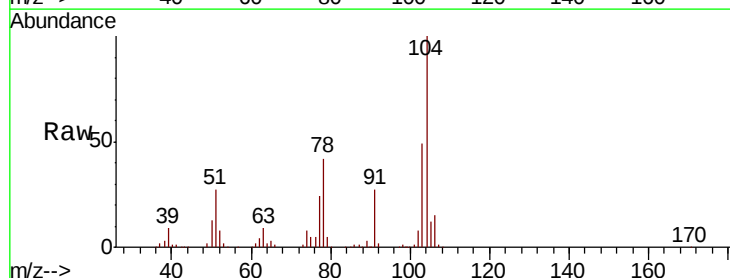
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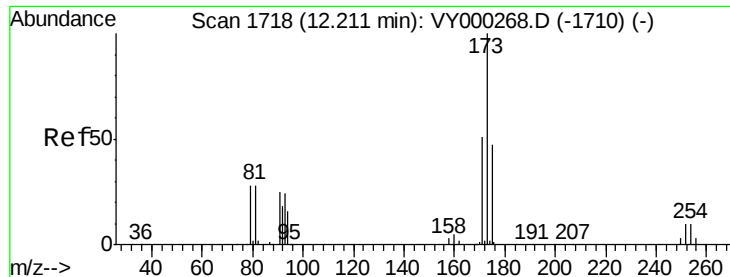
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#70
Styrene
Concen: 21.904 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	39.0	58.6	
103	53.7	43.1	64.7	





#71

Bromoform

Concen: 22.256 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:173 Resp: 28863

Ion Ratio Lower Upper

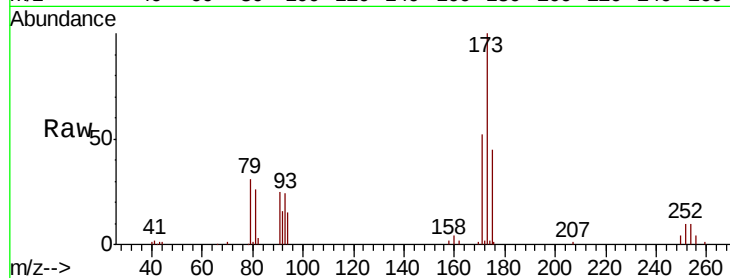
173 100

175 46.9 24.6 73.6

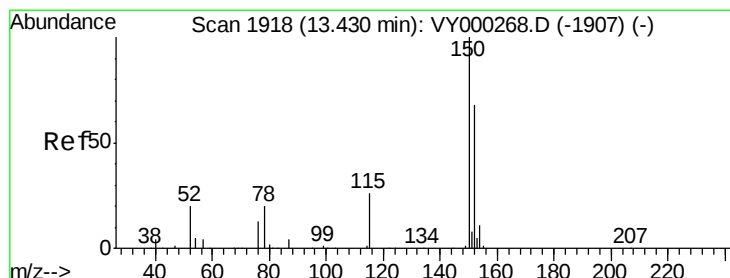
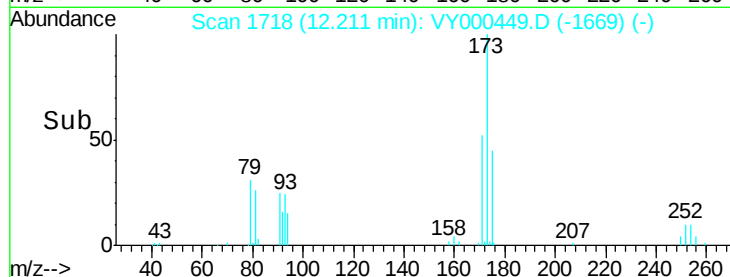
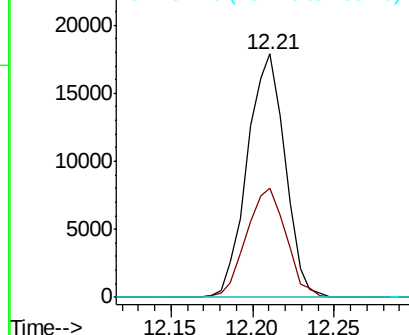
254 0.0 0.1 0.1#

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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: VY000449.D

Acq: 28 Oct 2019 13:05

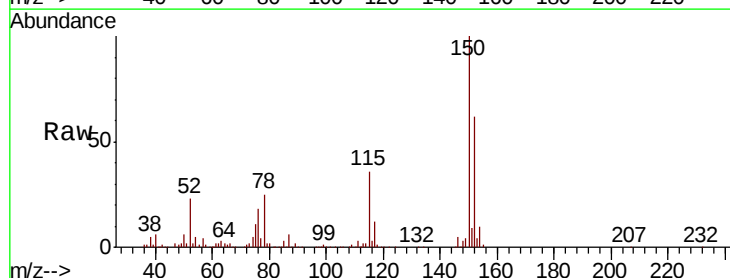
Tgt Ion:152 Resp: 153046

Ion Ratio Lower Upper

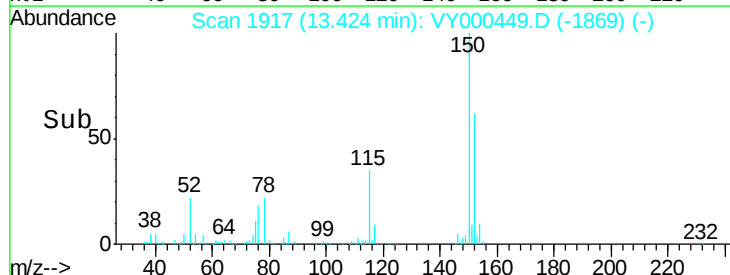
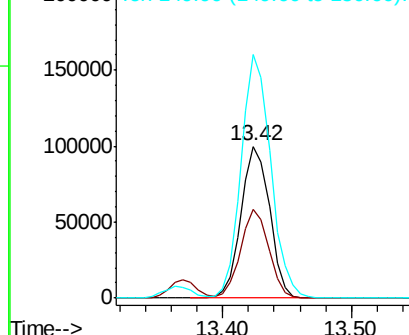
152 100

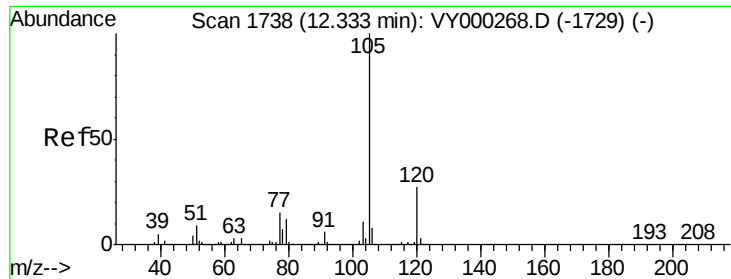
115 57.6 29.3 88.0

150 166.8 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: 21.421 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:105 Resp: 255630

Ion Ratio Lower Upper

105 100

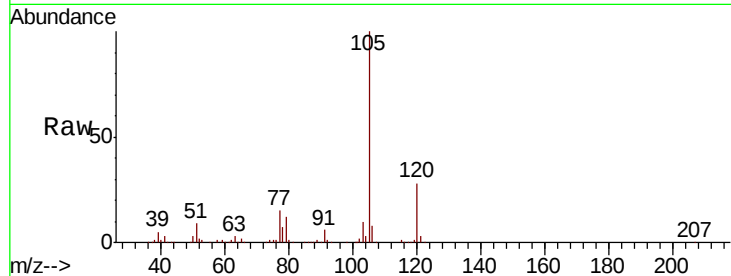
120 26.6 13.4 40.2

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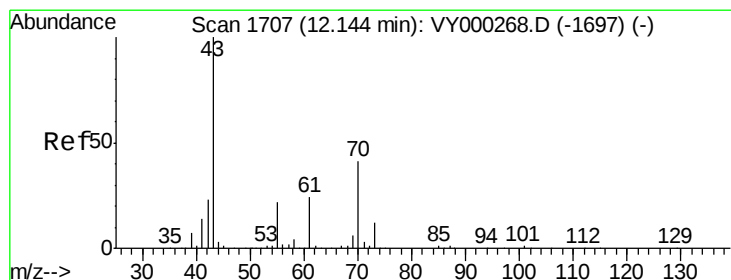
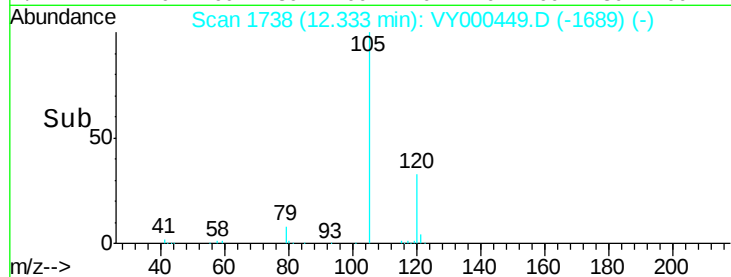
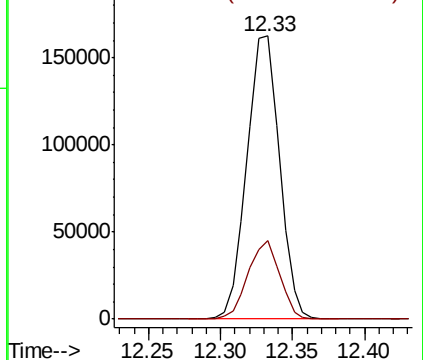
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.872 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion: 43 Resp: 69936

Ion Ratio Lower Upper

43 100

70 42.1 32.9 49.3

55 22.1 17.8 26.6

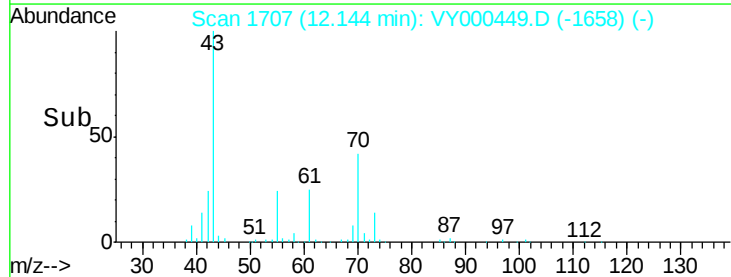
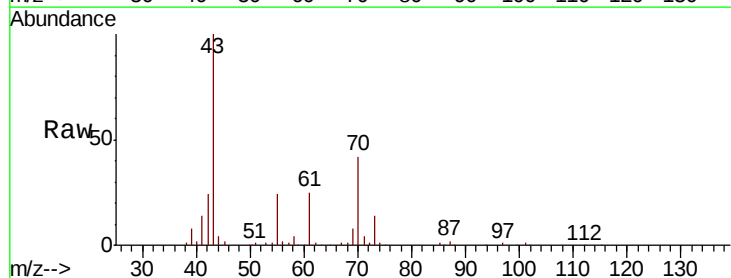
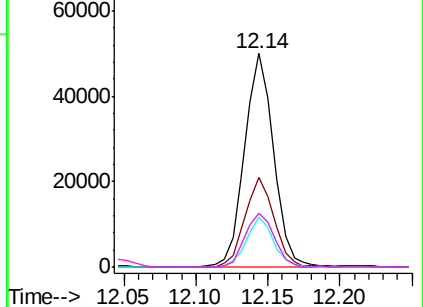
61 25.3 19.5 29.3

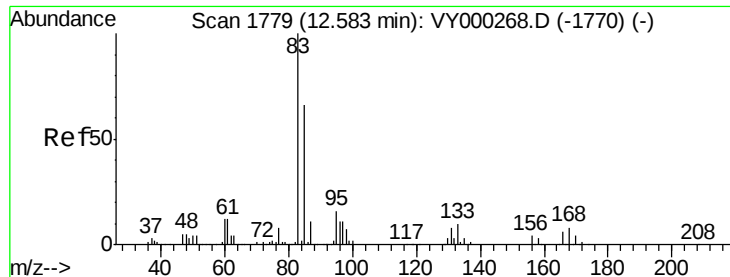
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.438 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

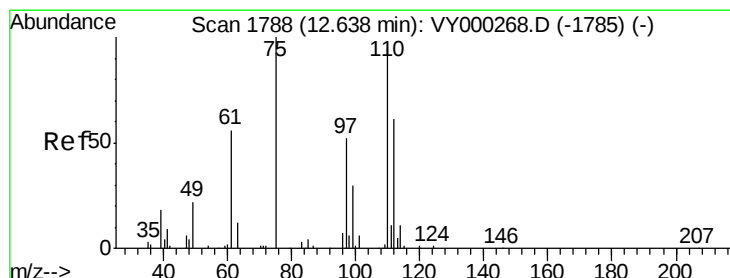
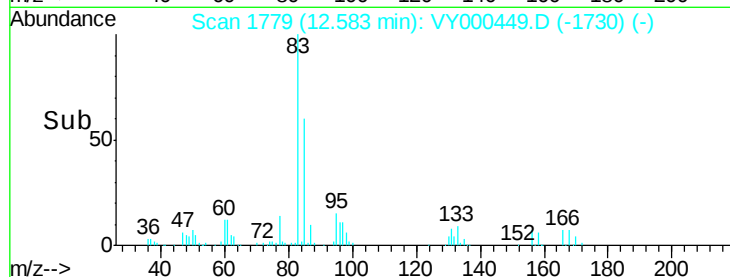
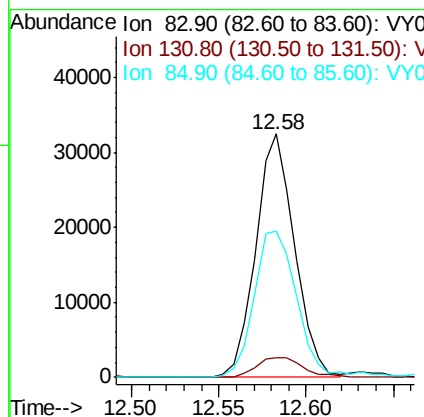
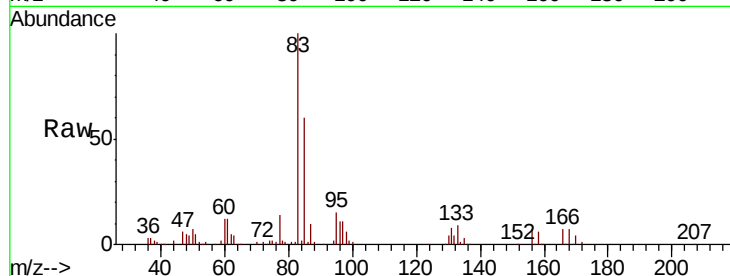
ClientSampleId :

VY1028SBS01

Tot Ion:	83	Resp:	50275
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.3	16.1
85	67.3	32.9	98.7

Manual Integrations
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10/29/2019 2:06:19 PM



#76

1,2,3-Trichloropropane

Concen: 19.591 ug/l m

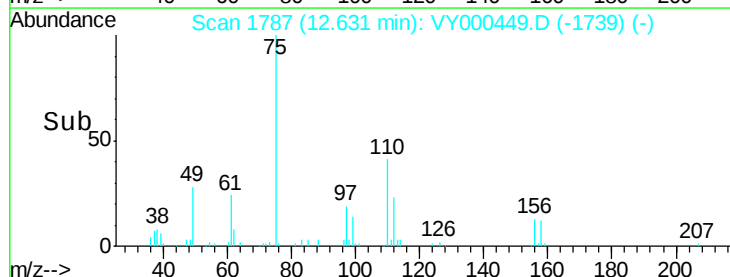
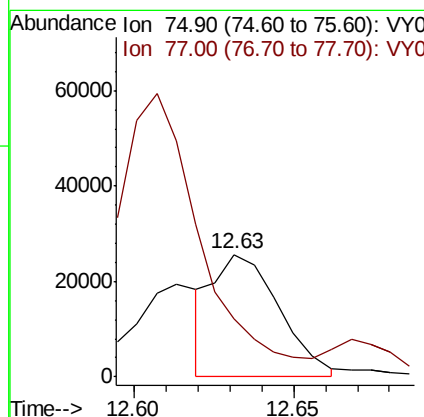
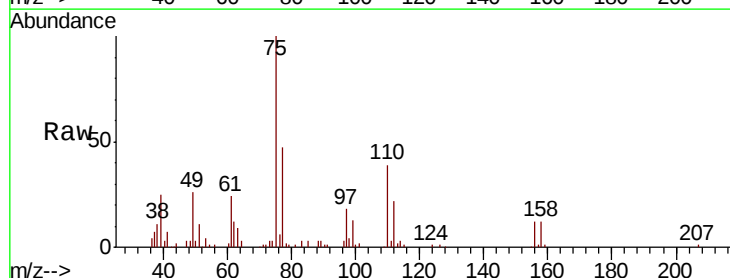
RT: 12.63 min Scan# 1787

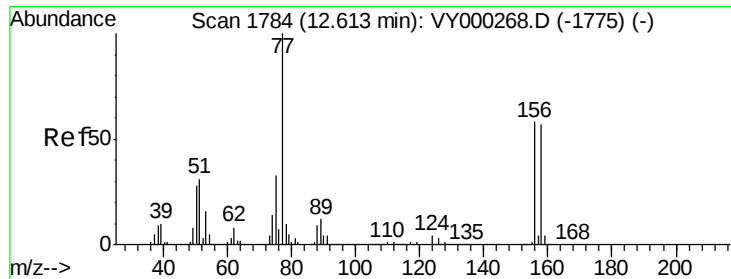
Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	75	Resp:	36870
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.303 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

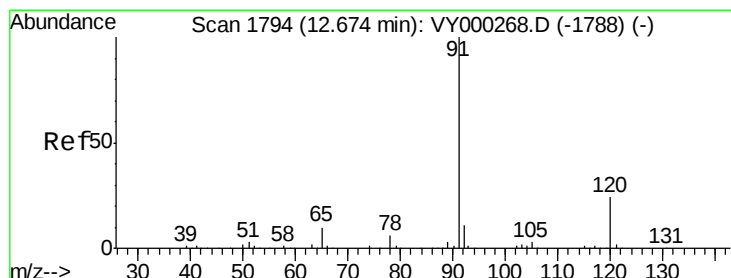
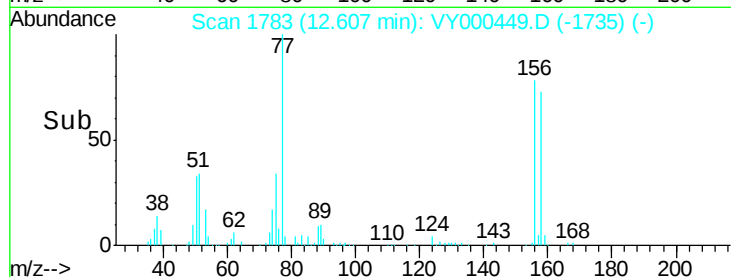
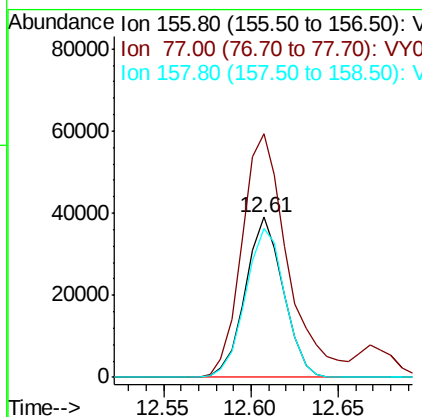
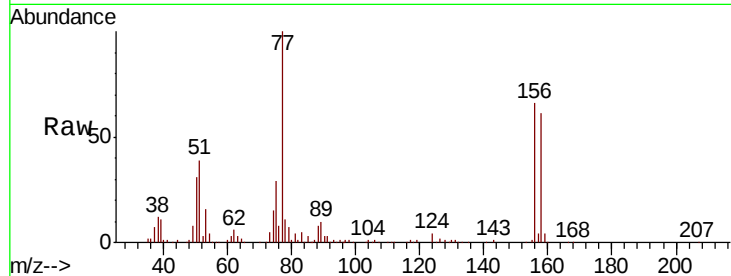
ClientSampleId :

VY1028SBS01

Tot Ion:	156	Resp:	59224
Ion	Ratio	Lower	Upper
156	100		
77	184.7	101.0	302.9
158	96.5	49.7	149.1

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#78

n-propylbenzene

Concen: 21.565 ug/l

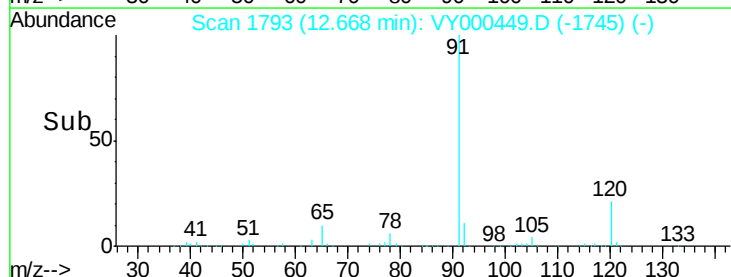
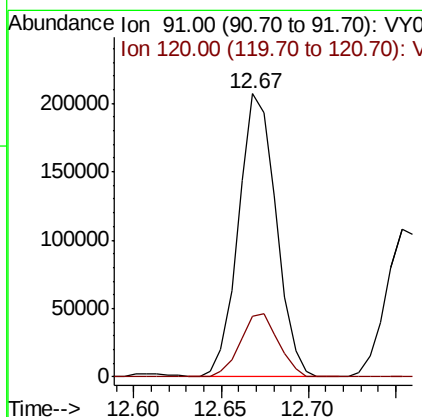
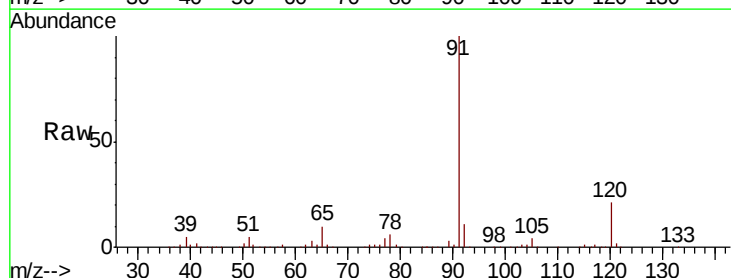
RT: 12.67 min Scan# 1793

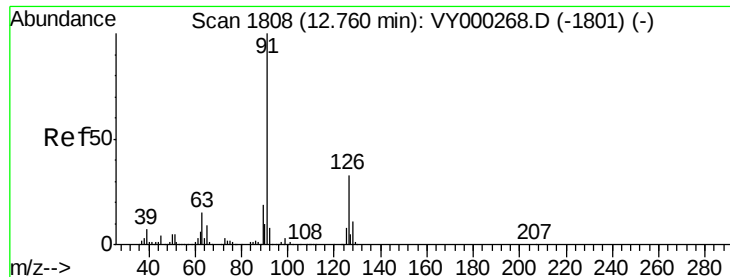
Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Tgt Ion:	91	Resp:	308985
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.5





#79

2-Chlorotoluene

Concen: 21.662 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 91 Resp: 171410

Ion Ratio Lower Upper

91 100

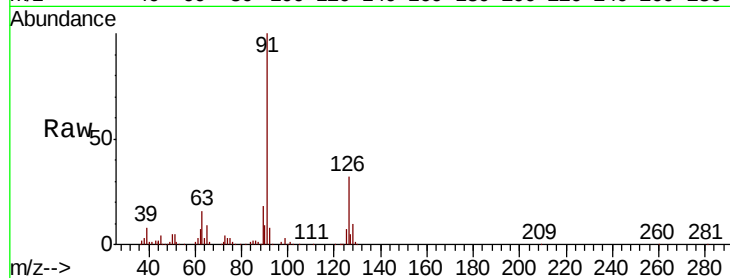
126 34.5 17.1 51.3

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Abundance Ion 91.00 (90.70 to 91.70): VY000449.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY000449.D (-1759) (-)

150000

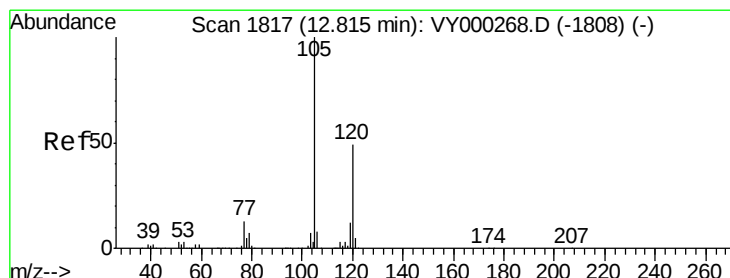
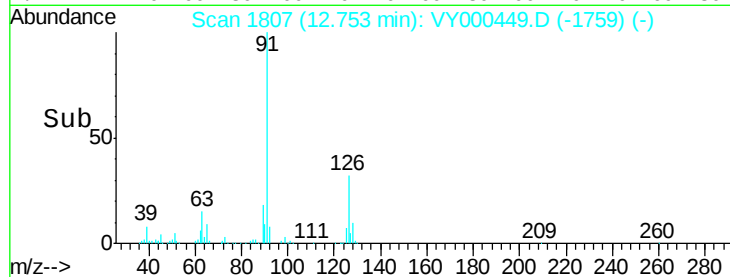
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.454 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000449.D

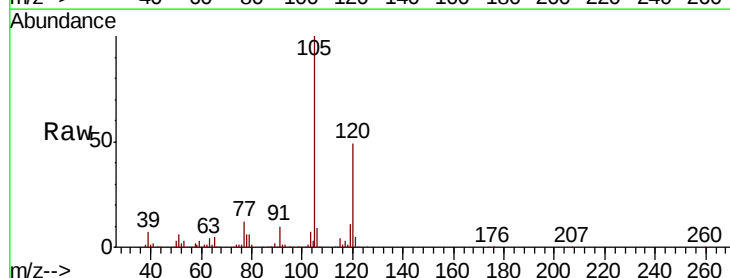
Acq: 28 Oct 2019 13:05

Tgt Ion: 105 Resp: 214683

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000449.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY000449.D (-1768) (-)

150000

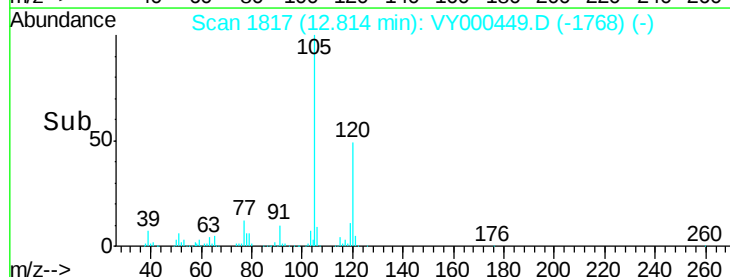
100000

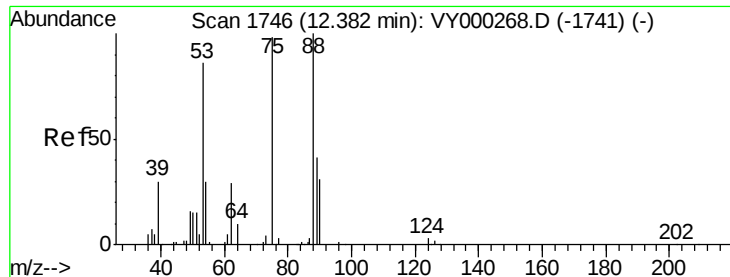
50000

0

12.75 12.80 12.85

Time-->





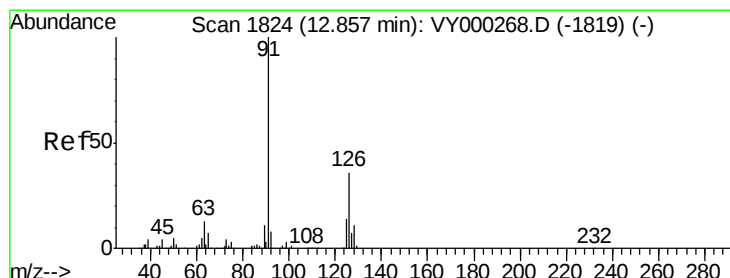
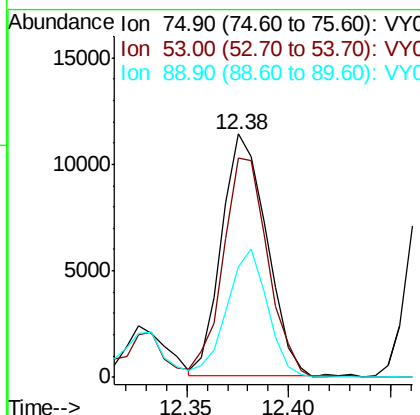
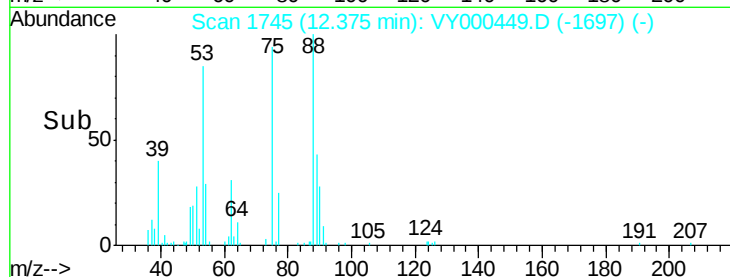
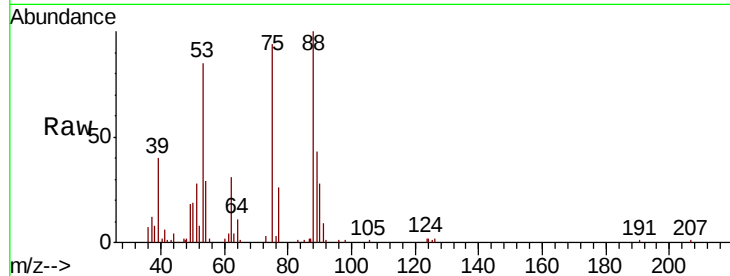
#81
trans-1,4-Dichloro-2-butene
Concen: 20.088 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	71.3	106.9
89	48.0	35.1	52.7

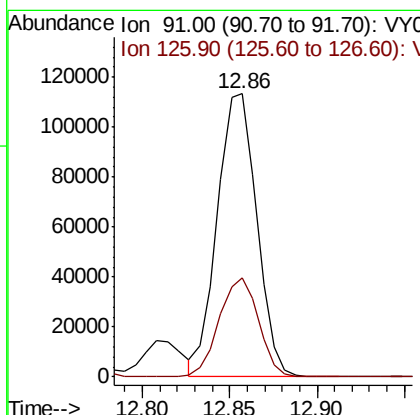
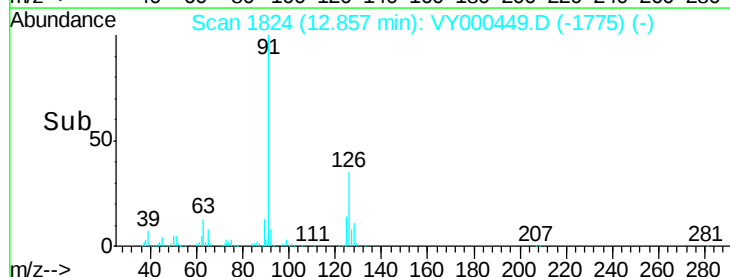
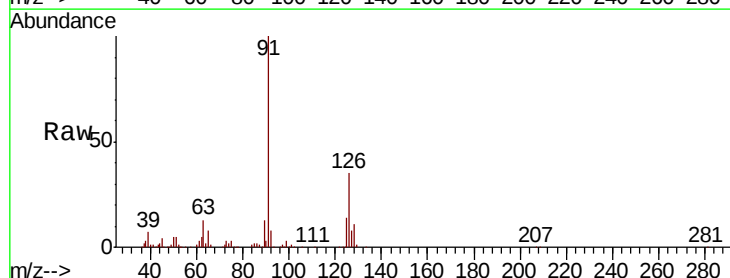
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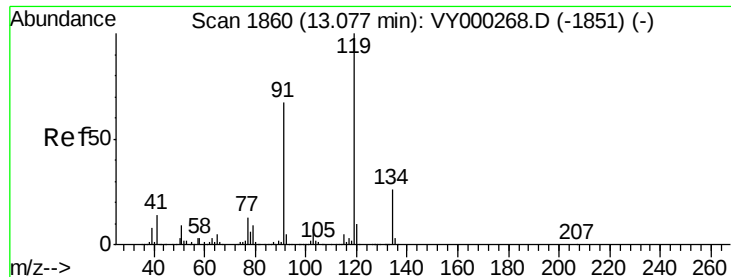
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#82
4-Chlorotoluene
Concen: 21.247 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.5





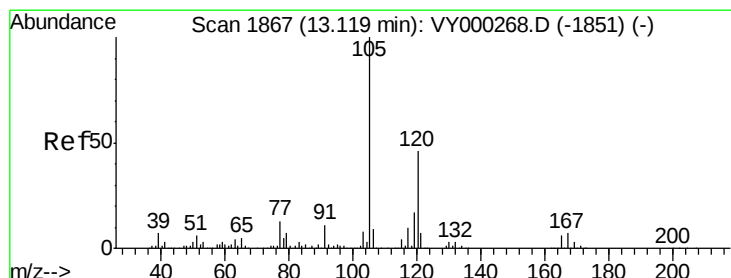
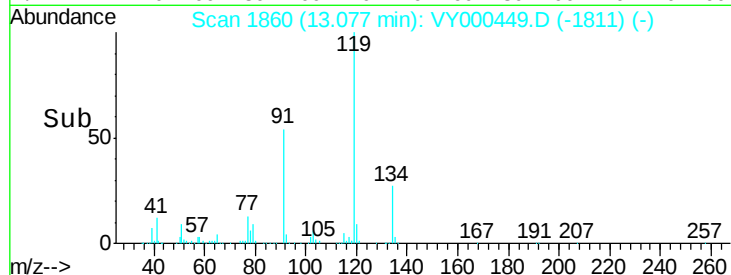
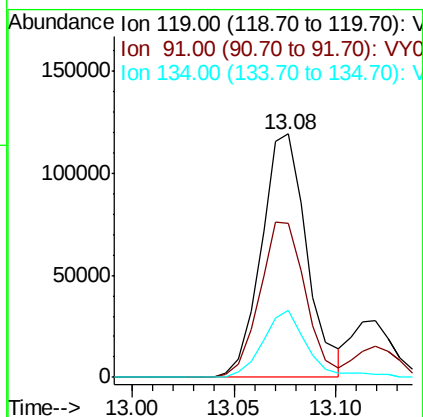
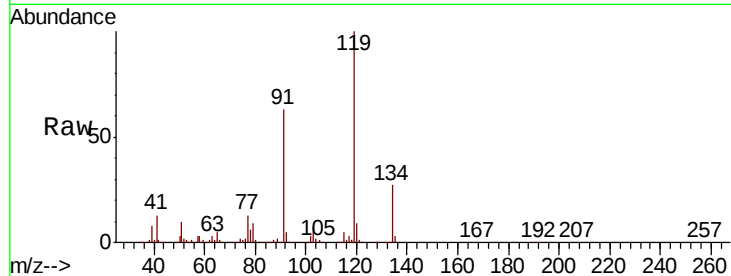
#83
tert-Butylbenzene
Concen: 21.886 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.9	98.7
134	27.0	13.3	39.8

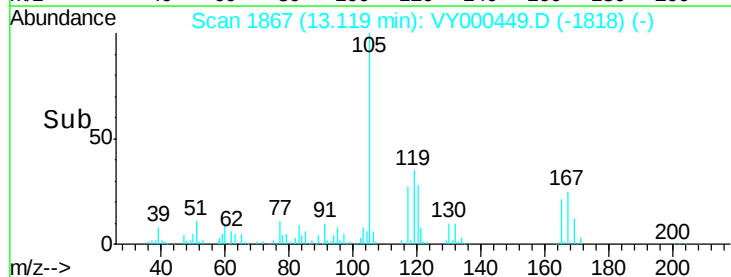
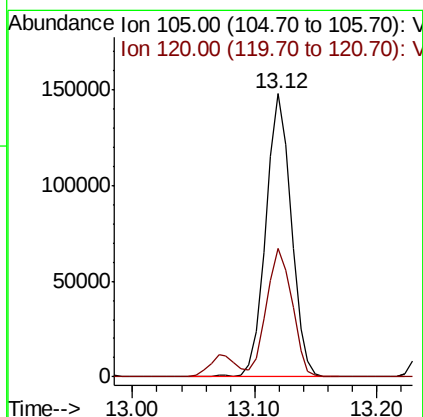
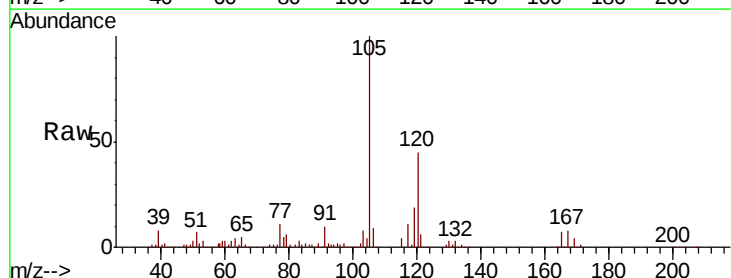
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#84
1,2,4-Trimethylbenzene
Concen: 21.653 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





#85

sec-Butylbenzene

Concen: 21.493 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:105 Resp: 263475

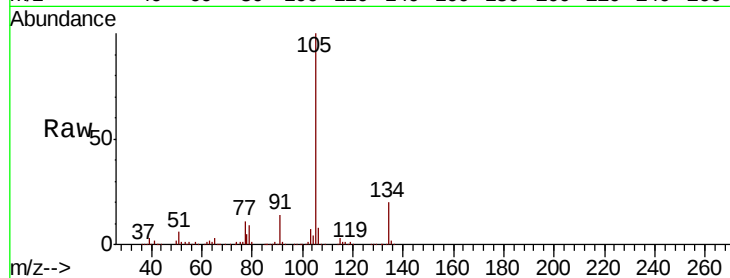
Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1

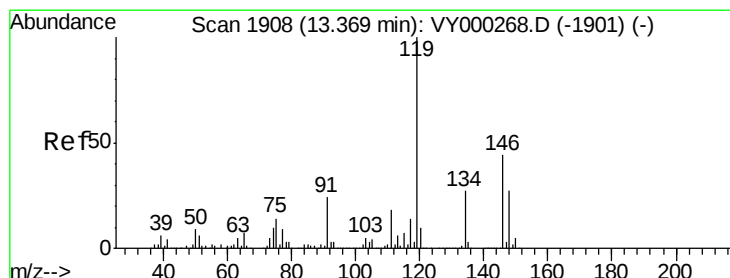
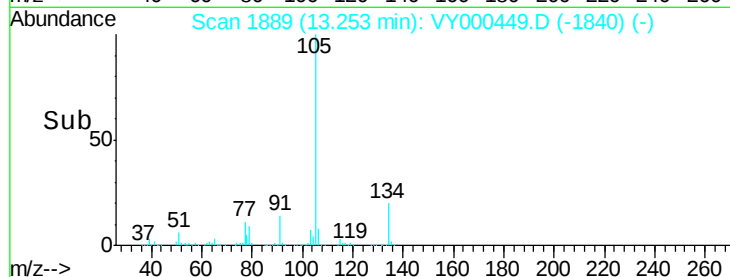
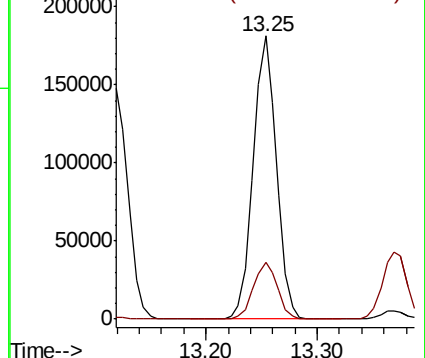
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.143 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000449.D

Acq: 28 Oct 2019 13:05

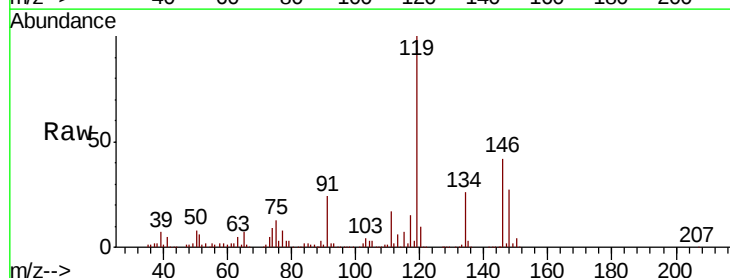
Tgt Ion:119 Resp: 236646

Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.8

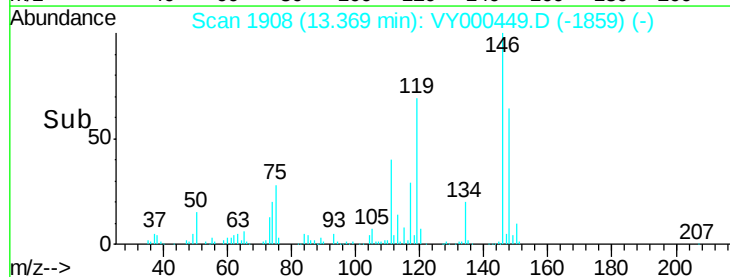
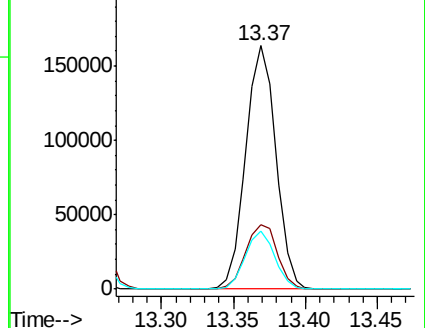
91 23.5 12.0 36.1

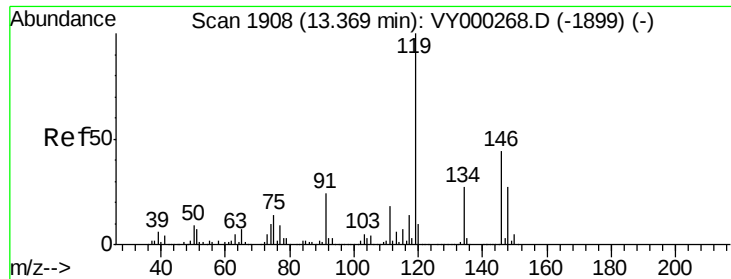


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





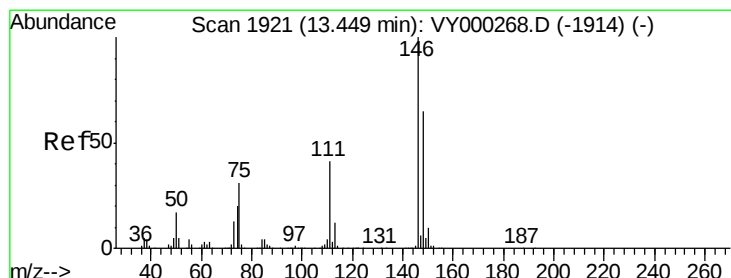
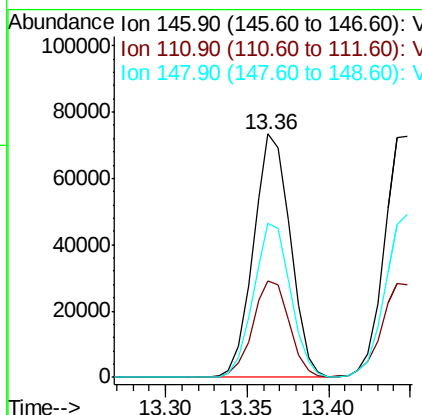
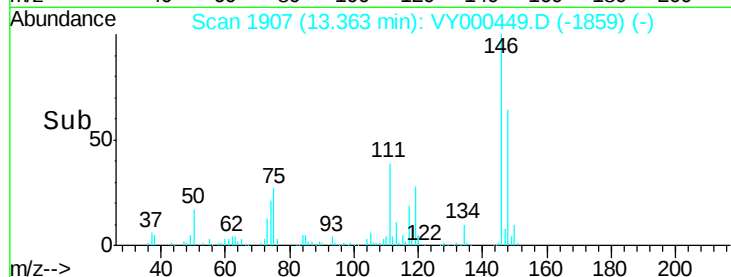
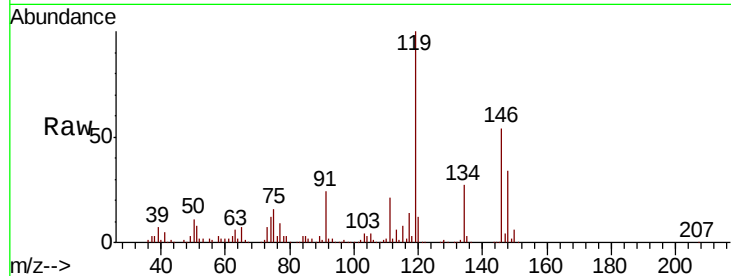
#87
 1,3-Dichlorobenzene
 Concen: 21.927 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114721		
111	39.6	20.6	61.8	
148	63.7	31.9	95.5	

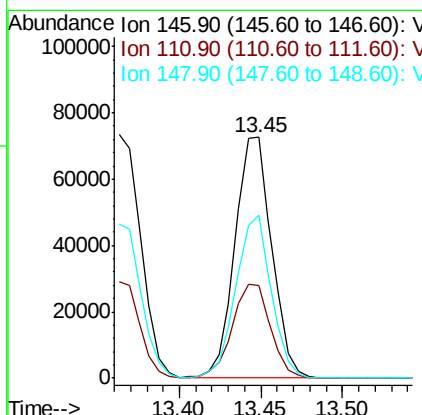
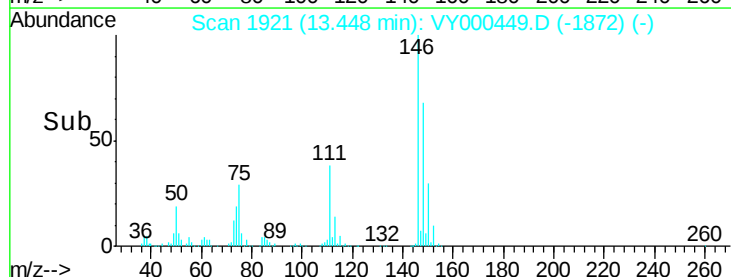
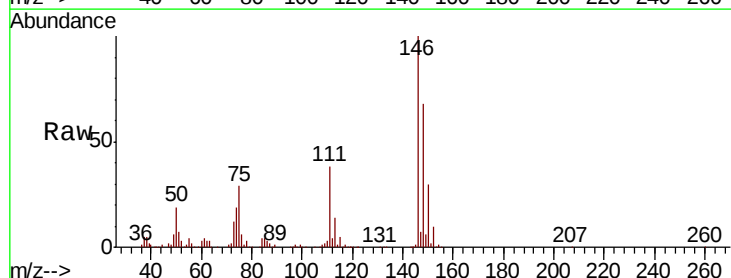
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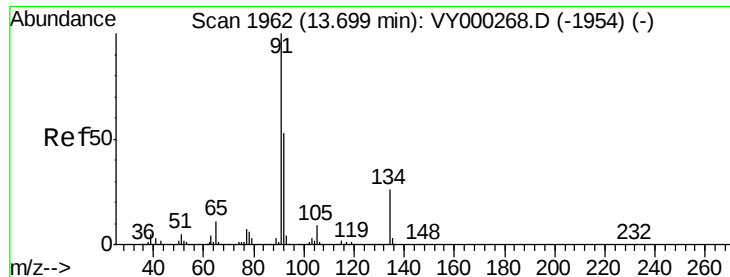
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#88
 1,4-Dichlorobenzene
 Concen: 21.808 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114048		
111	40.6	20.1	60.2	
148	65.2	32.4	97.2	





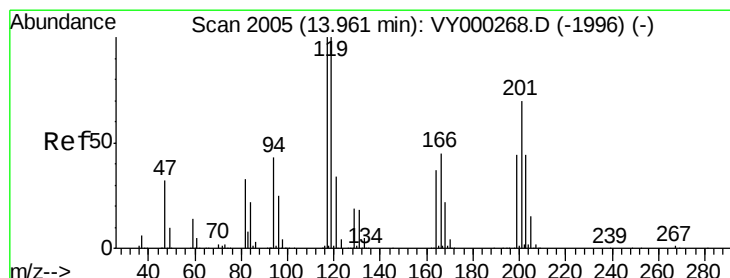
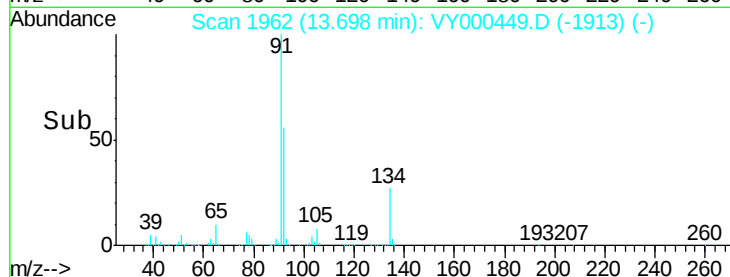
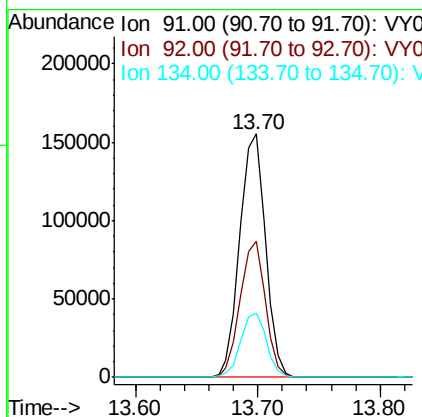
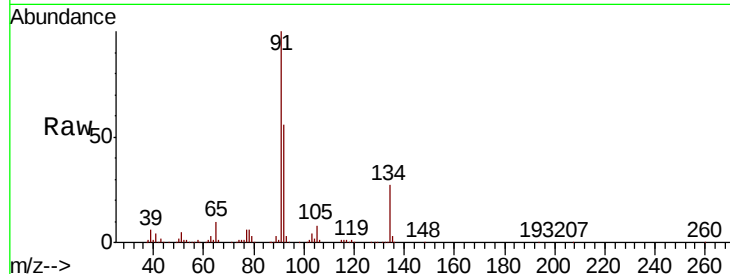
#89
n-Butylbenzene
Concen: 21.515 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.7	80.1
134	26.7	13.0	38.9

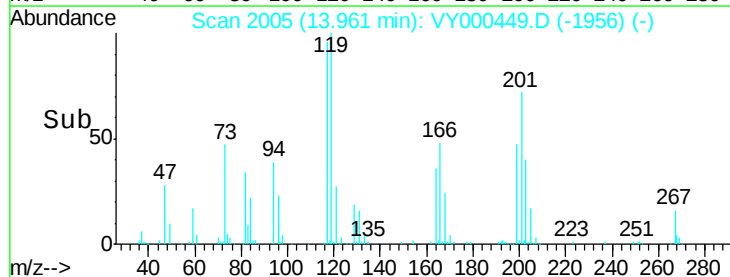
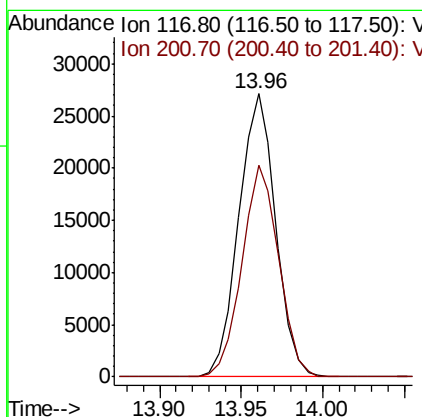
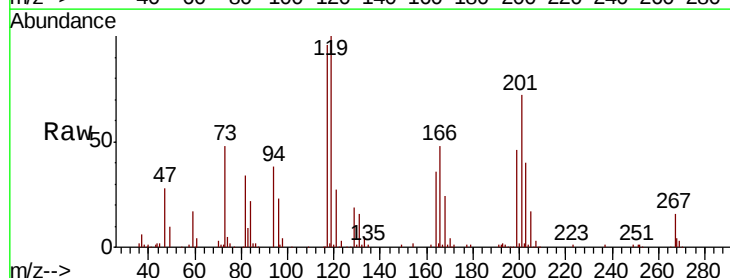
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#90
Hexachloroethane
Concen: 21.536 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.6	36.3	108.7





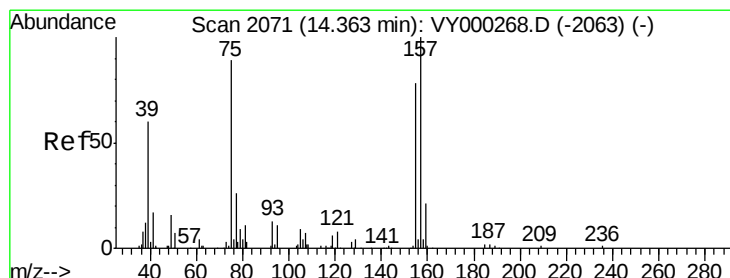
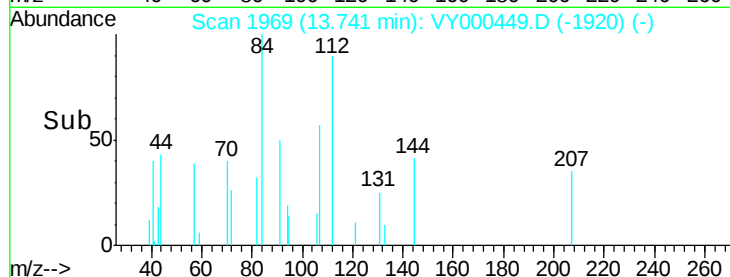
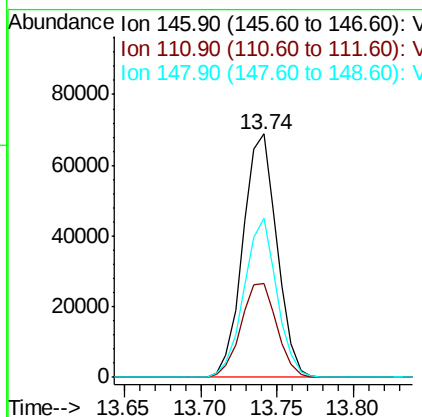
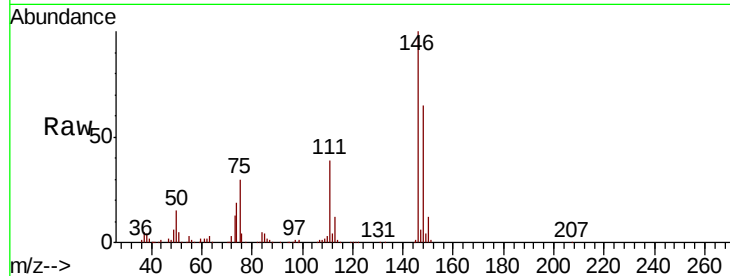
#91
 1,2-Dichlorobenzene
 Concen: 22.458 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	62.9	31.6	95.0

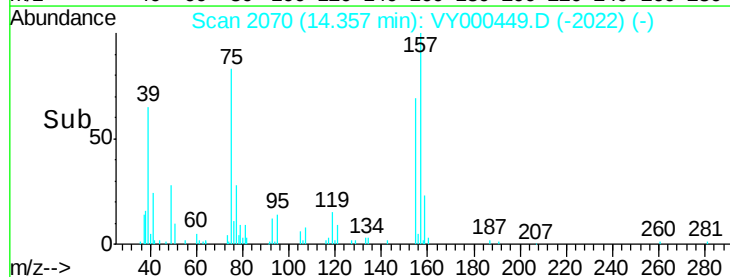
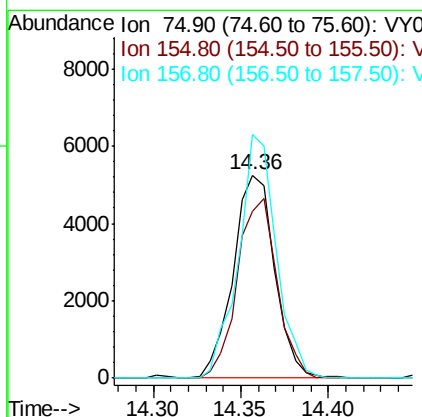
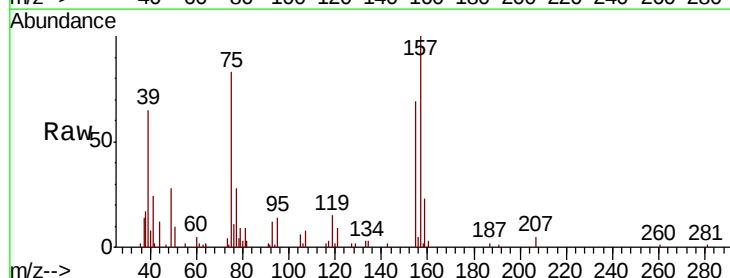
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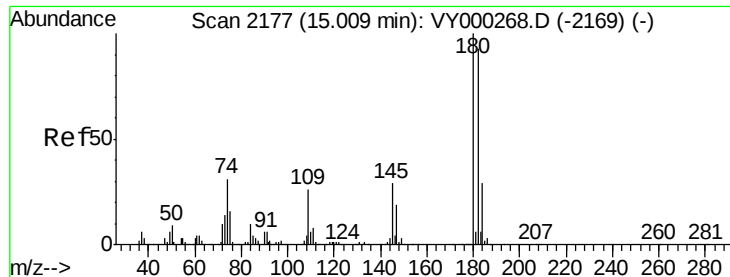
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.360 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	45.8	137.3
157	109.7	55.6	166.9





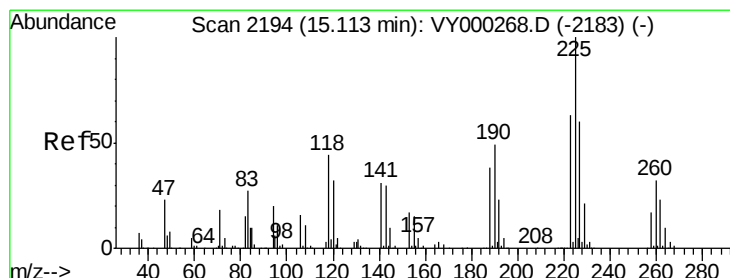
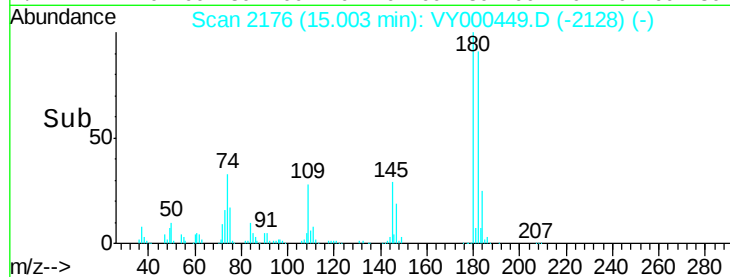
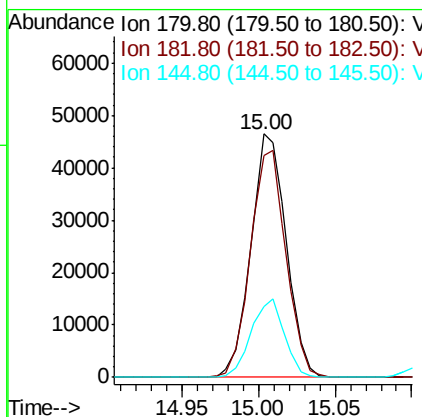
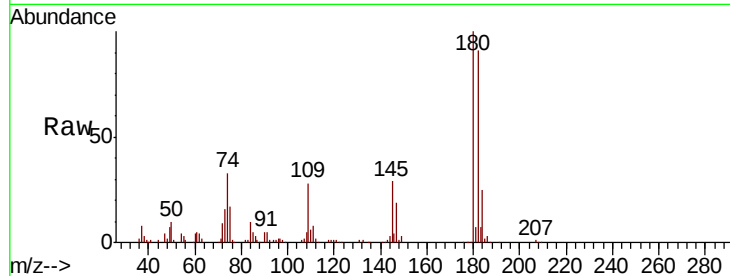
#93
 1,2,4-Trichlorobenzene
 Concen: 22.580 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	30.3	15.4	46.1

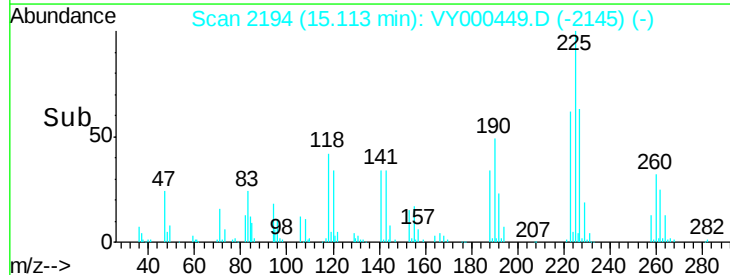
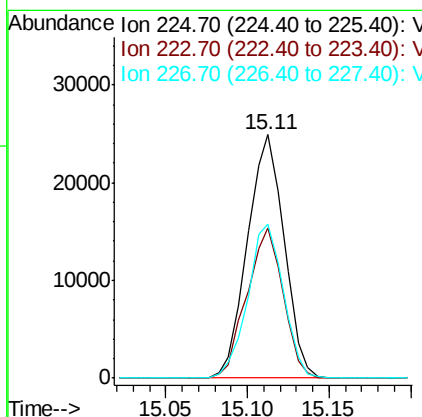
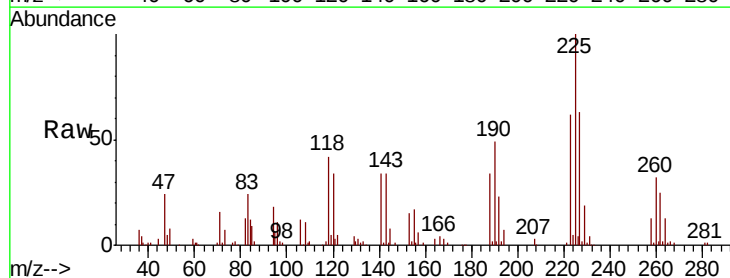
Manual Integrations
 APPROVED

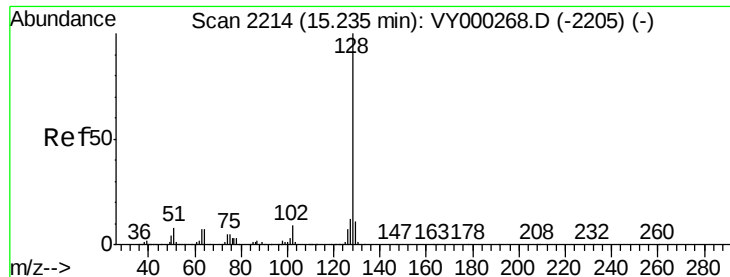
MMDadoda
 10/29/2019 2:06:19 PM



#94
 Hexachlorobutadiene
 Concen: 21.917 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000449.D
 Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.9	95.7
227	61.6	31.4	94.2





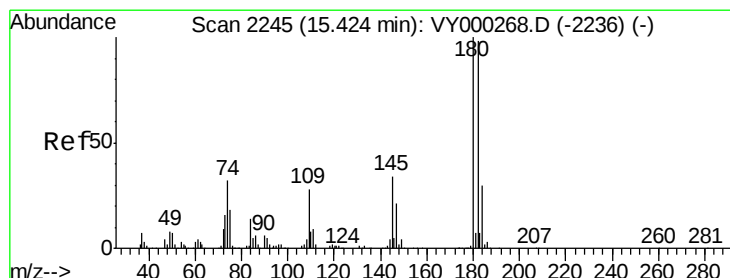
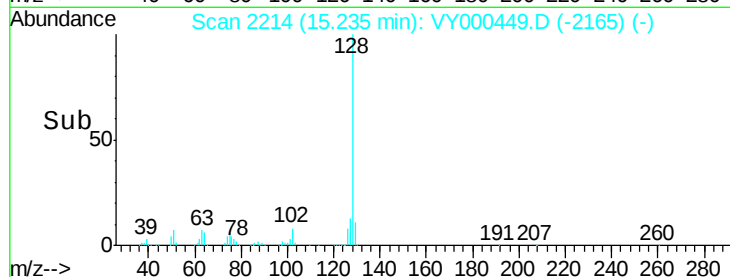
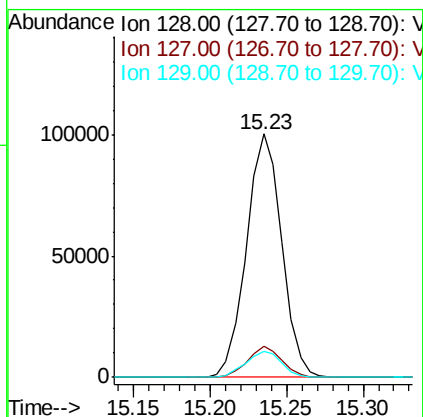
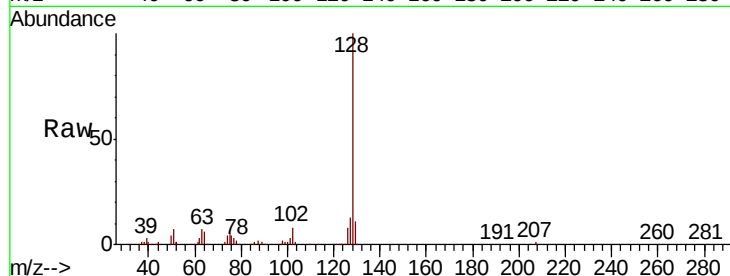
#95
Naphthalene
Concen: 21.846 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	160719		
127	12.4		9.6	14.4
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/29/2019 2:06:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.234 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69031		
182	91.0		46.5	139.5
145	30.3		16.2	48.5

