

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000450.D
 Acq On : 28 Oct 2019 13:27
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:06:23 PM

Quant Time: Oct 29 10:14:13 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	201822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	332785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	305110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	115947	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.73	113	104113	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.18	98	407191	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	148425	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44076	25.514	ug/l	96
3) Chloromethane	2.11	50	60885	24.688	ug/l	95
4) Vinyl Chloride	2.25	62	57447	23.081	ug/l	98
5) Bromomethane	2.63	94	36665	19.877	ug/l	99
6) Chloroethane	2.79	64	36633	22.811	ug/l	97
7) Trichlorofluoromethane	3.12	101	78973	23.196	ug/l	95
8) Diethyl Ether	3.53	74	31591	26.266	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49409	23.930	ug/l	100
10) Methyl Iodide	4.10	142	49756	17.703	ug/l	99
11) Tert butyl alcohol	4.98	59	25070	112.527	ug/l	96
12) 1,1-Dichloroethene	3.87	96	47280	23.195	ug/l	90
13) Acrolein	3.74	56	20289	77.676	ug/l	99
14) Allyl chloride	4.49	41	80052	23.699	ug/l	97
15) Acrylonitrile	5.18	53	79637	118.297	ug/l	98
16) Acetone	3.96	43	76129	110.423	ug/l	94
17) Carbon Disulfide	4.20	76	136216	21.225	ug/l	98
18) Methyl Acetate	4.48	43	40472	23.627	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	137484	24.229	ug/l	94
20) Methylene Chloride	4.72	84	61099	23.412	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	54695	23.388	ug/l	94
22) Diisopropyl ether	6.13	45	175086	24.507	ug/l	97
23) Vinyl Acetate	6.08	43	546941	117.347	ug/l	99
24) 1,1-Dichloroethane	6.03	63	91478	23.458	ug/l	99
25) 2-Butanone	7.00	43	114242	117.631	ug/l	100
26) 2,2-Dichloropropane	6.99	77	84373	23.480	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	60591	23.944	ug/l	98
28) Bromochloromethane	7.35	49	34847	20.816	ug/l	96
29) Tetrahydrofuran	7.36	42	70171	119.221	ug/l	98
30) Chloroform	7.52	83	93499	23.808	ug/l	96
31) Cyclohexane	7.80	56	91108	22.369	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	81917	23.462	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74416	22.840	ug/l	98
37) Ethyl Acetate	7.09	43	43980	22.797	ug/l	99
38) Carbon Tetrachloride	7.91	117	72933	23.119	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	97225	22.800	ug/l	95
40) Benzene	8.17	78	220491	23.417	ug/l	98
41) Methacrylonitrile	7.32	41	19875m	21.643	ug/l	
42) 1,2-Dichloroethane	8.25	62	63704	23.685	ug/l	100
43) Isopropyl Acetate	8.28	43	84043	22.911	ug/l	99
44) Trichloroethene	8.95	130	59002	22.333	ug/l	97
45) 1,2-Dichloropropane	9.22	63	54385	23.537	ug/l	94
46) Dibromomethane	9.31	93	30985	23.988	ug/l	97
47) Bromodichloromethane	9.50	83	72103	23.686	ug/l	99
48) Methyl methacrylate	9.30	41	38526	23.964	ug/l	99
49) 1,4-Dioxane	9.30	88	8641	446.161	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	228601	120.825	ug/l	100
52) Toluene	10.25	92	141706	23.705	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	76882	23.566	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	88781	23.963	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	45784	24.378	ug/l	95
56) Ethyl methacrylate	10.51	69	63568	23.746	ug/l	98
57) 1,3-Dichloropropane	10.79	76	76622	23.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	149238	139.768	ug/l	100
59) 2-Hexanone	10.83	43	171960	129.486	ug/l	98
60) Dibromochloromethane	10.99	129	49271	23.669	ug/l	98
61) 1,2-Dibromoethane	11.09	107	42019	23.301	ug/l	98
64) Tetrachloroethene	10.72	164	59202	20.382	ug/l	99
65) Chlorobenzene	11.52	112	146197	22.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	50965	22.531	ug/l	96
67) Ethyl Benzene	11.59	91	272950	22.866	ug/l	98
68) m/p-Xylenes	11.70	106	204572	44.830	ug/l	100
69) o-Xylene	12.03	106	99622	22.885	ug/l	96
70) Styrene	12.04	104	165800	22.584	ug/l	99
71) Bromoform	12.20	173	30417	23.392	ug/l #	97
73) Isopropylbenzene	12.33	105	260499	21.766	ug/l	99
74) N-amyl acetate	12.14	43	76308	25.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55383	24.647	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	31410m	16.642	ug/l	
77) Bromobenzene	12.61	156	60984	22.899	ug/l	95
78) n-propylbenzene	12.67	91	317541	22.098	ug/l	100
79) 2-Chlorotoluene	12.75	91	178664	22.514	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	223166	22.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	18436	21.372	ug/l	97
82) 4-Chlorotoluene	12.85	91	186340	22.214	ug/l	98
83) tert-Butylbenzene	13.07	119	194015	22.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	220770	22.289	ug/l	99
85) sec-Butylbenzene	13.25	105	274845	22.356	ug/l	100
86) p-Isopropyltoluene	13.37	119	244272	22.790	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	120352	22.937	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	121457	23.158	ug/l	98
89) n-Butylbenzene	13.69	91	240805	22.735	ug/l	99
90) Hexachloroethane	13.95	117	44699	22.522	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	108291	22.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9295	21.810	ug/l	99

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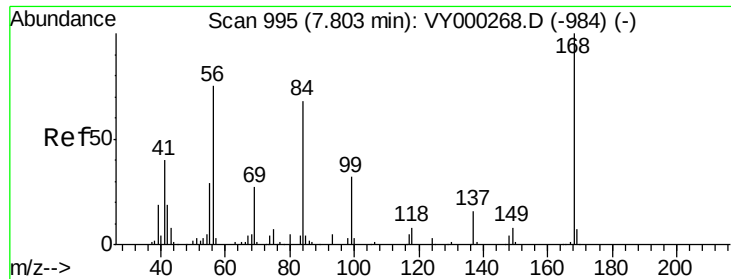
Manual Integrations
APPROVED

MMDadoda
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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	77185	23.346	ug/l	99
94) Hexachlorobutadiene	15.11	225	40564	22.672	ug/l	99
95) Naphthalene	15.23	128	172475	23.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	70934	23.806	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:168 Resp: 201822

Ion Ratio Lower Upper

168 100

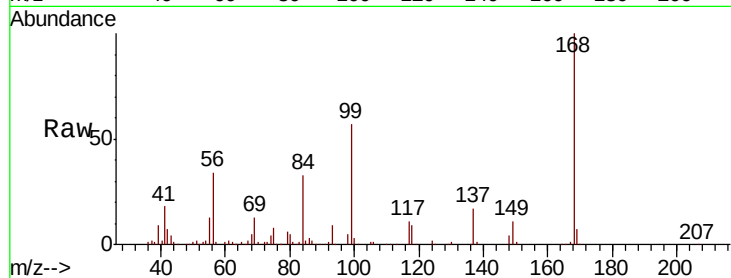
99 56.9 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

80000

60000

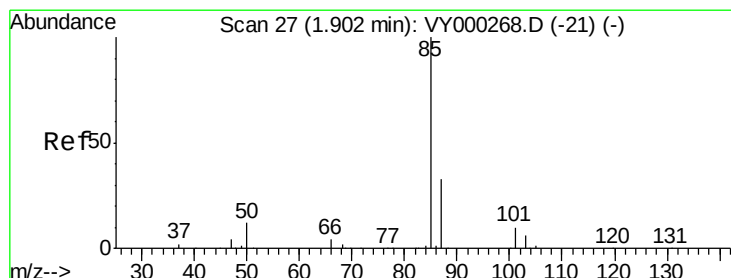
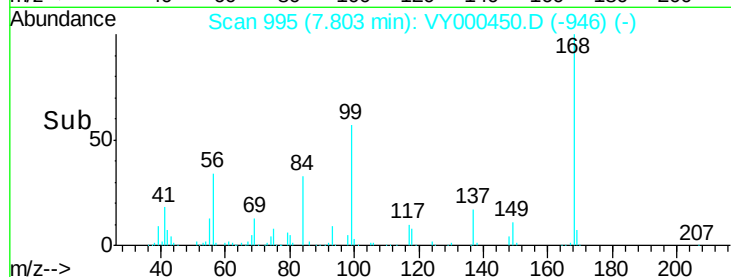
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 25.514 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000450.D

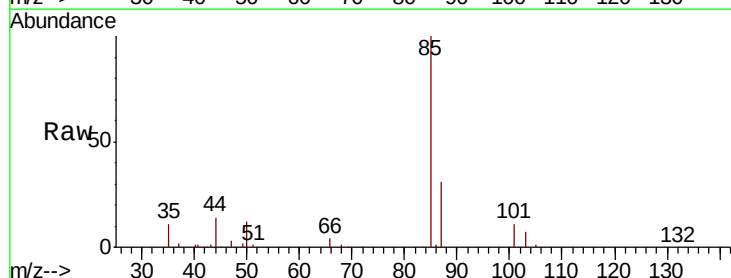
Acq: 28 Oct 2019 13:27

Tgt Ion: 85 Resp: 44076

Ion Ratio Lower Upper

85 100

87 30.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

30000

25000

20000

15000

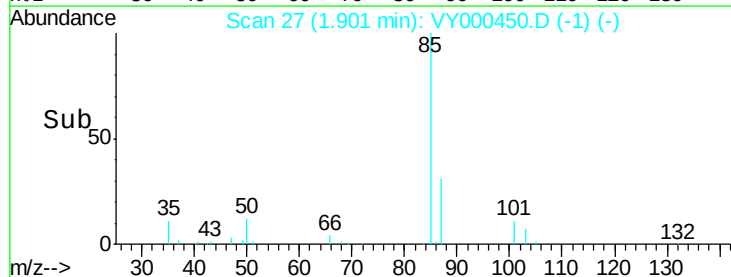
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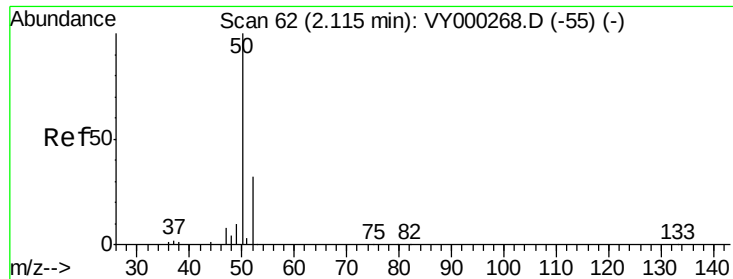
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 24.688 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 50 Resp: 60885

Ion Ratio Lower Upper

50 100

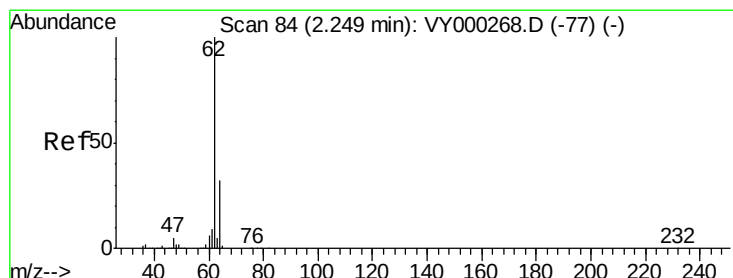
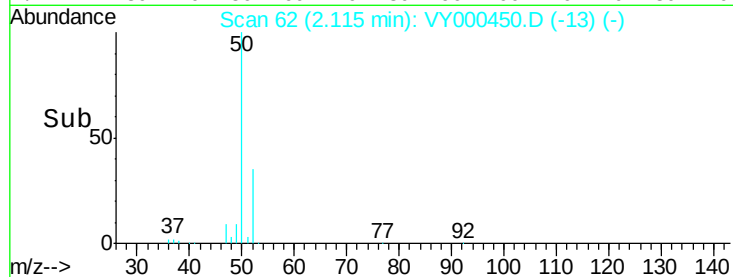
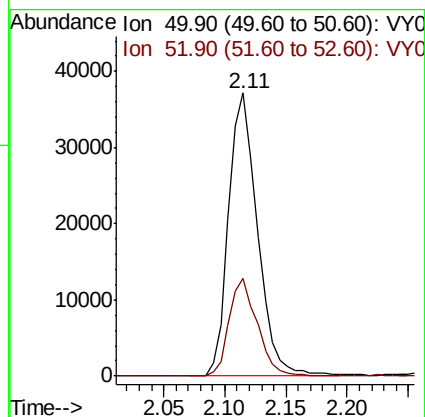
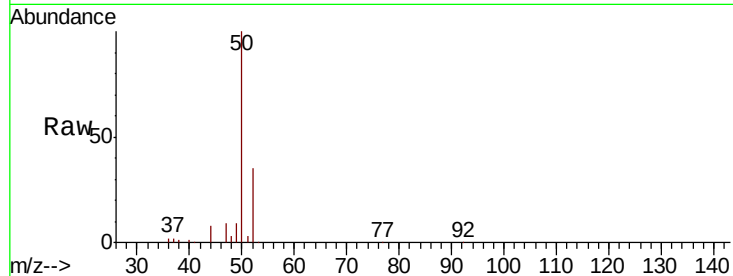
52 34.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.081 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000450.D

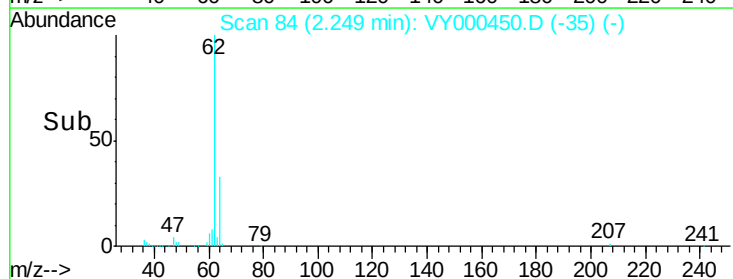
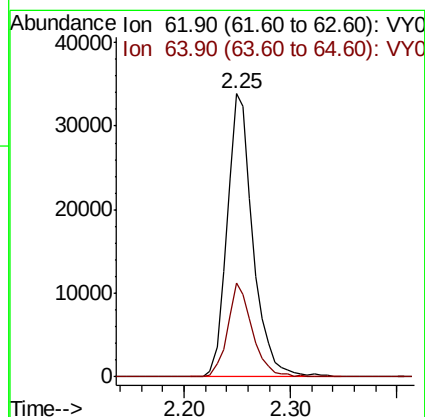
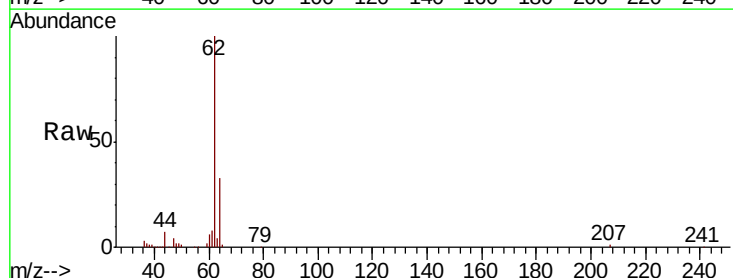
Acq: 28 Oct 2019 13:27

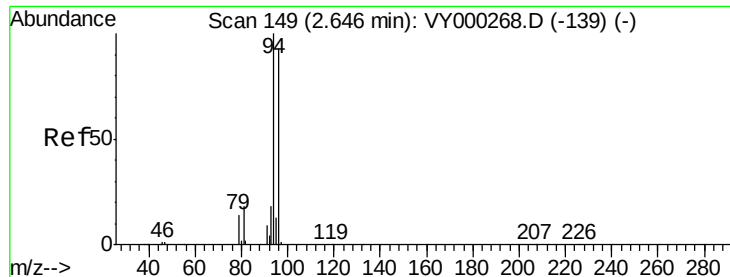
Tgt Ion: 62 Resp: 57447

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 19.877 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 94 Resp: 36665

Ion Ratio Lower Upper

94 100

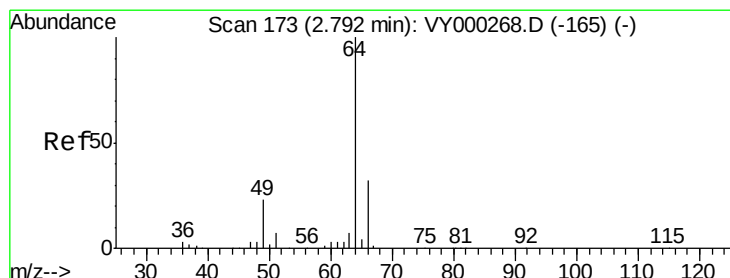
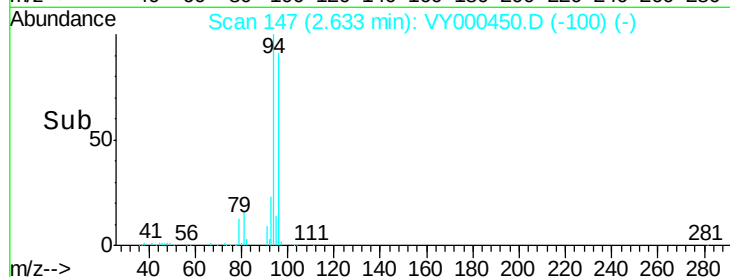
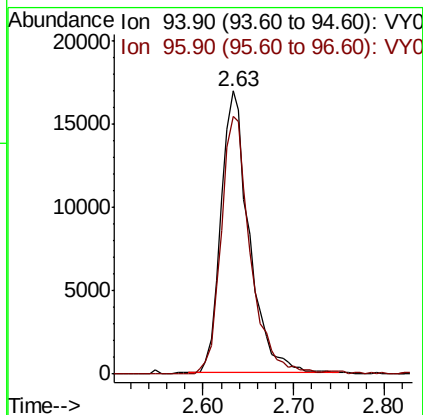
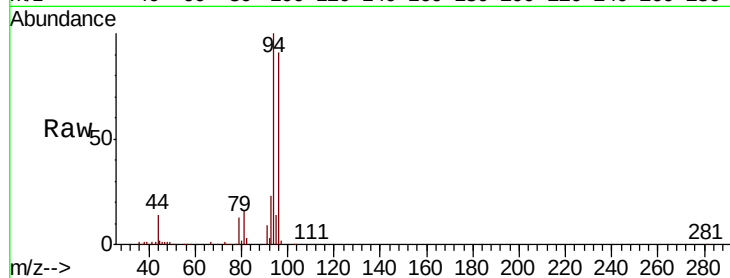
96 91.5 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 22.811 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000450.D

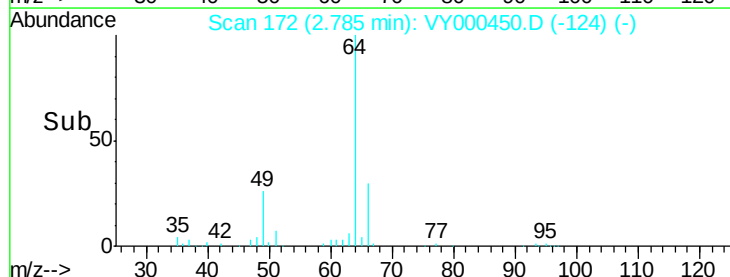
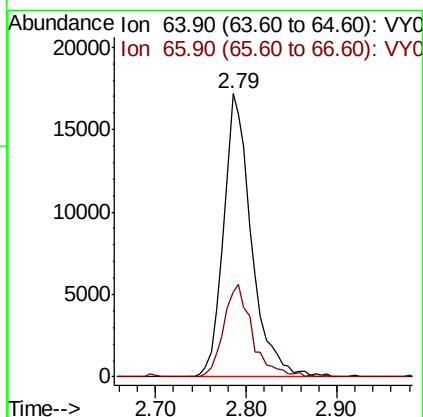
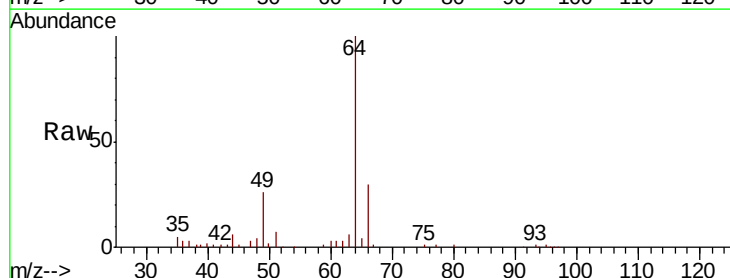
Acq: 28 Oct 2019 13:27

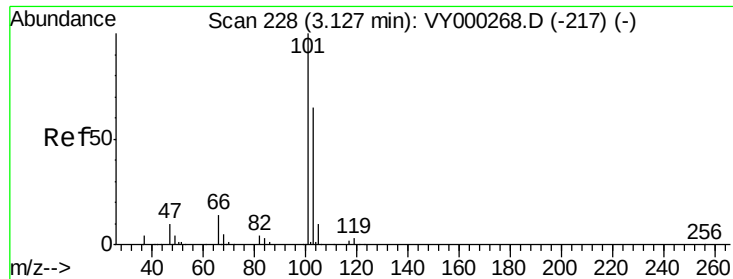
Tgt Ion: 64 Resp: 36633

Ion Ratio Lower Upper

64 100

66 30.2 25.6 38.4





#7

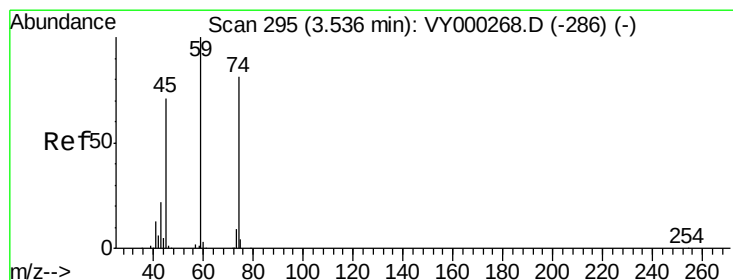
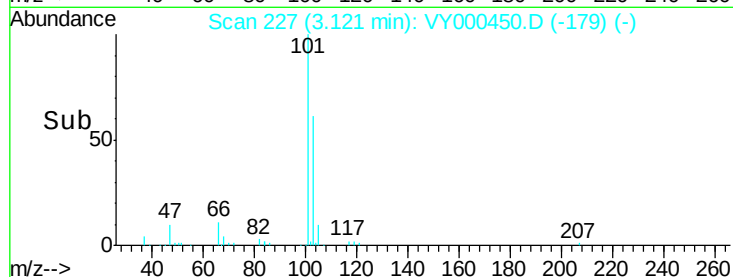
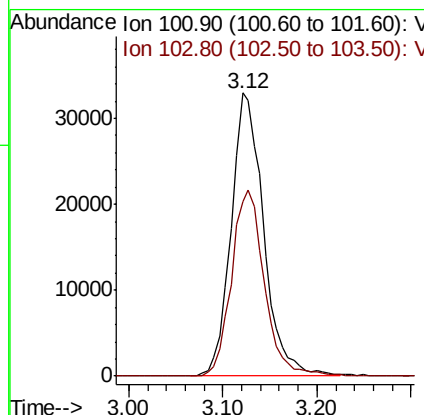
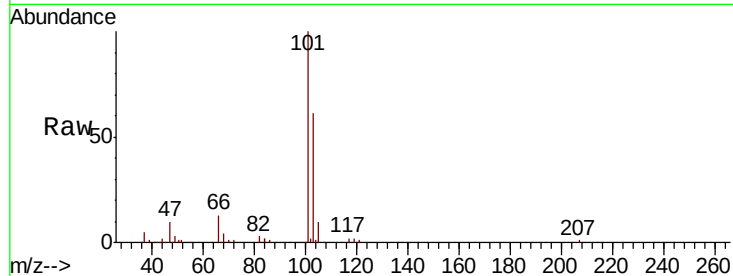
Trichlorofluoromethane
 Concen: 23.196 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.2	78.4

Manual Integrations
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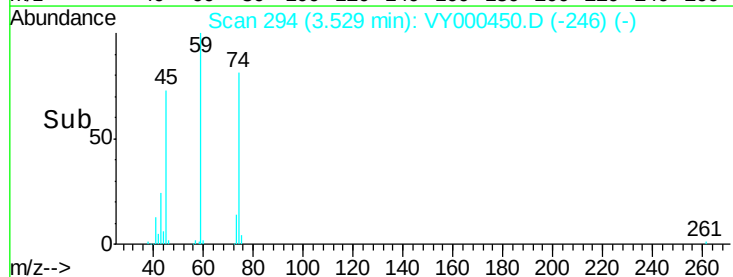
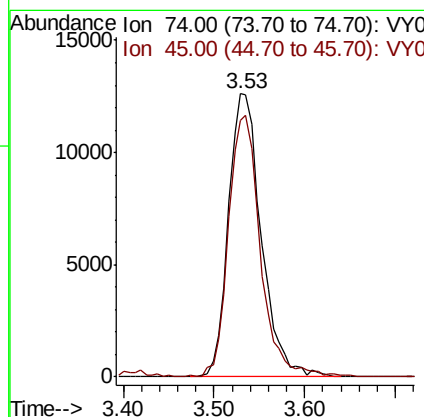
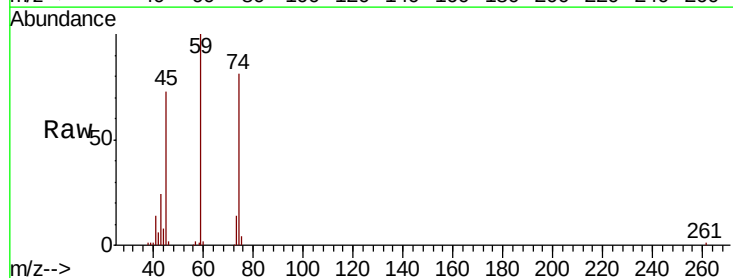
MMDadoda
 10/29/2019 2:06:23 PM

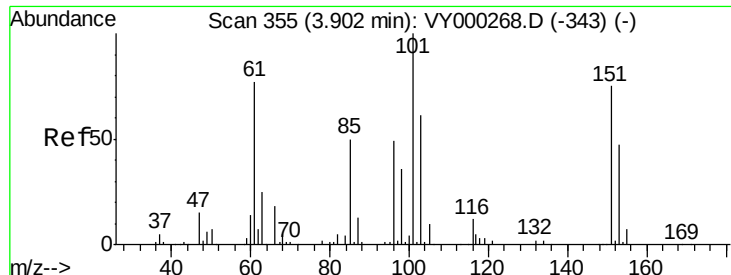


#8

Diethyl Ether
 Concen: 26.266 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	47.1	141.4





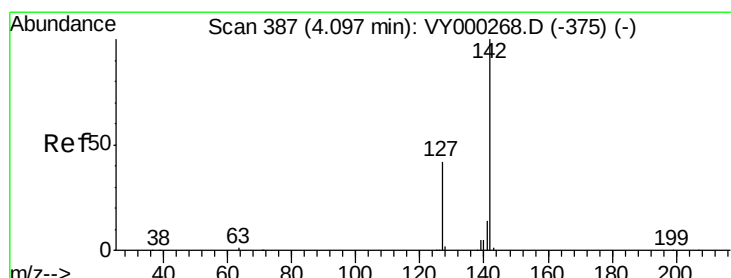
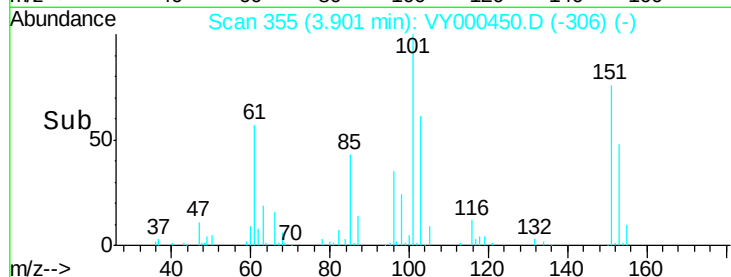
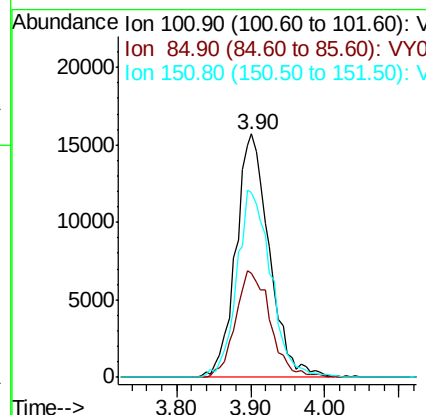
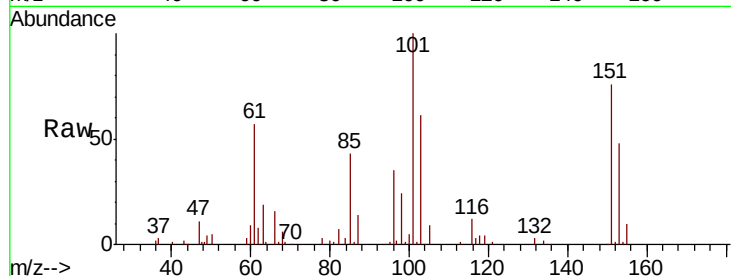
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.930 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.6	36.6	55.0
151	78.7	63.1	94.7

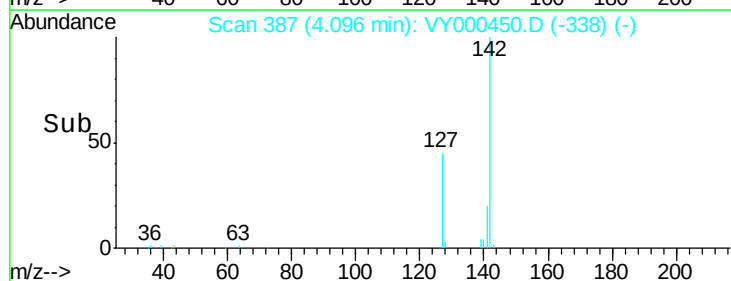
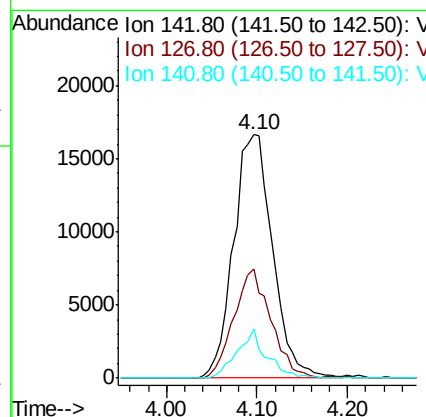
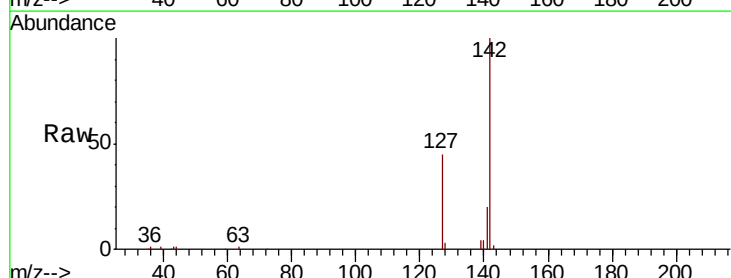
Manual Integrations
APPROVED

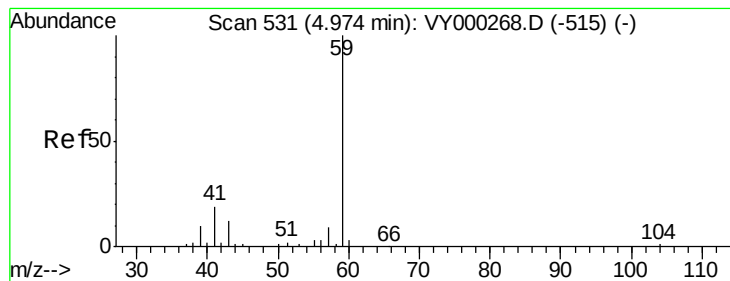
MMDadoda
10/29/2019 2:06:23 PM



#10
Methyl Iodide
Concen: 17.703 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.5	33.9	50.9
141	15.2	11.2	16.8





#11

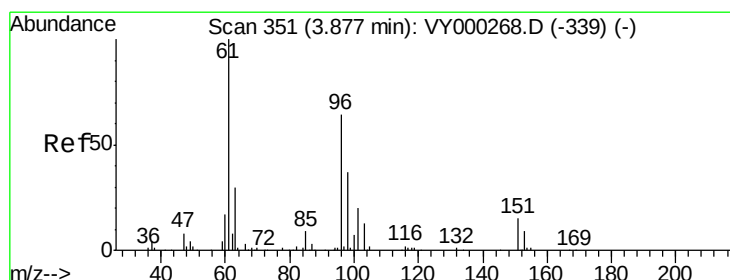
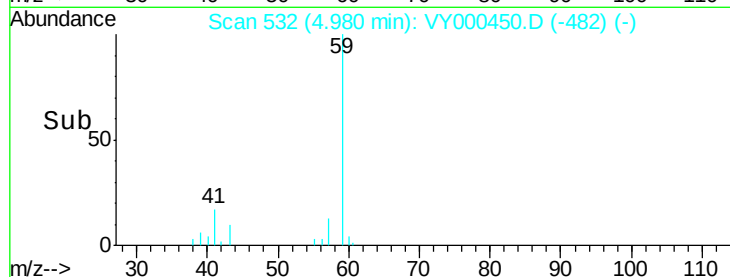
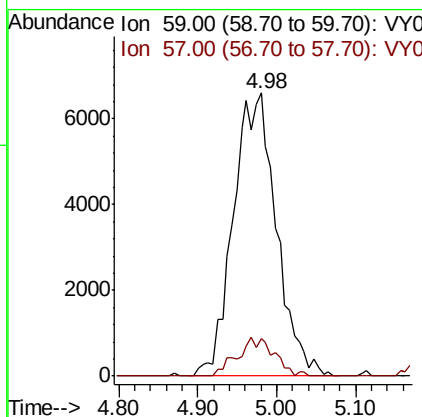
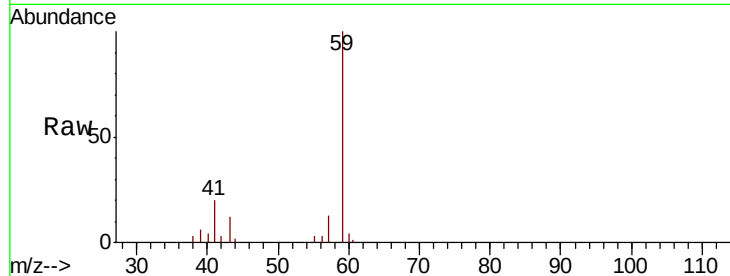
Tert butyl alcohol
Concen: 112.527 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	59	Resp	25070
Ion Ratio	100	Lower	Upper
57	11.7	8.2	12.2

Manual Integrations
APPROVED

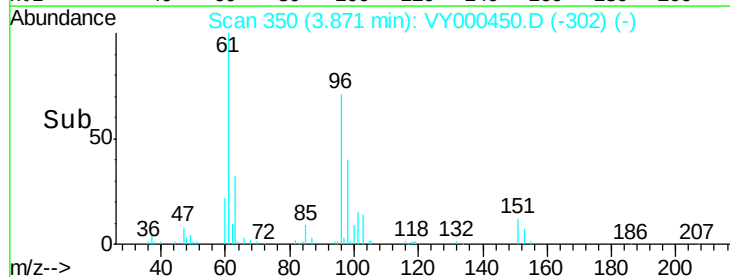
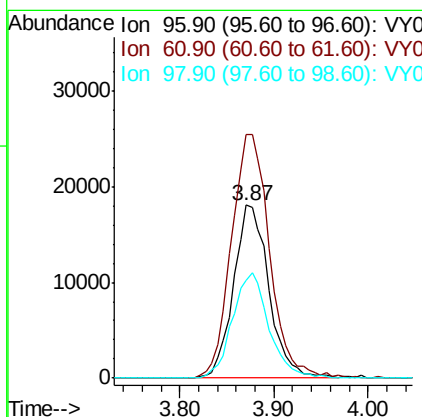
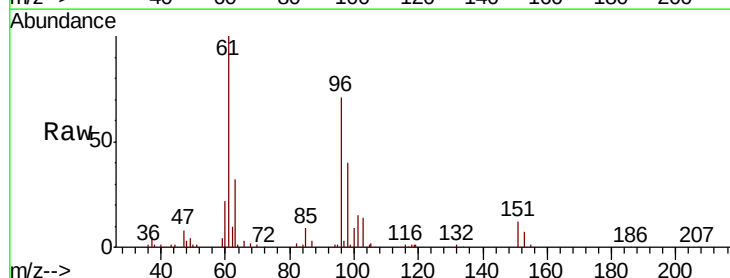
MMDadoda
10/29/2019 2:06:23 PM

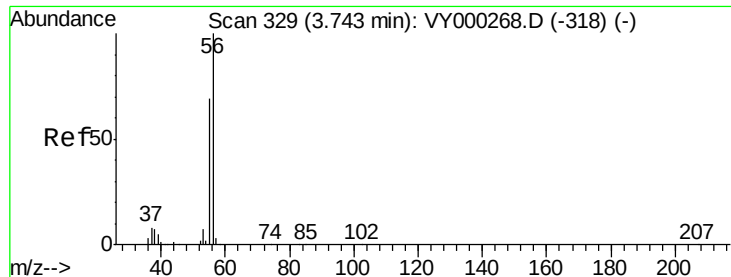


#12

1,1-Dichloroethene
Concen: 23.195 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	96	Resp	47280
Ion Ratio	100	Lower	Upper
61	140.5	125.8	188.6
98	56.8	46.2	69.2





#13

Acrolein

Concen: 77.676 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 56 Resp: 20289

Ion Ratio Lower Upper

56 100

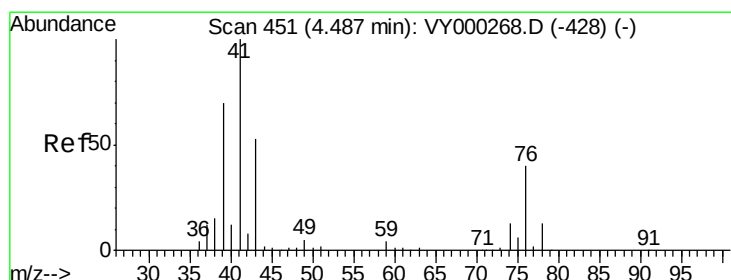
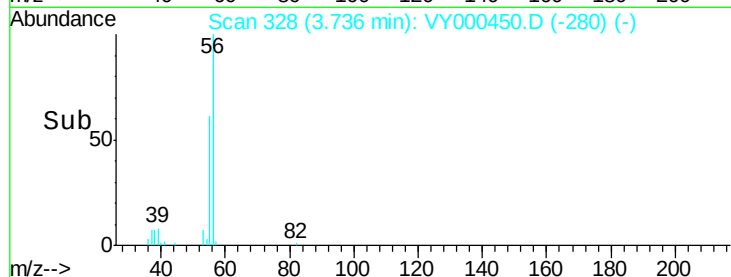
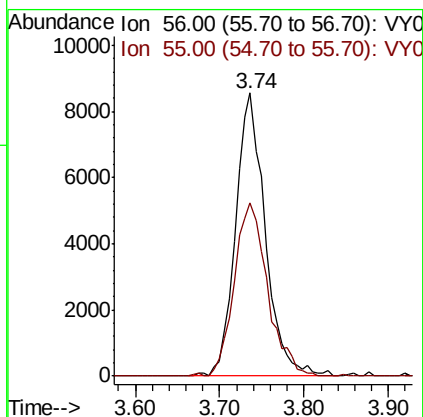
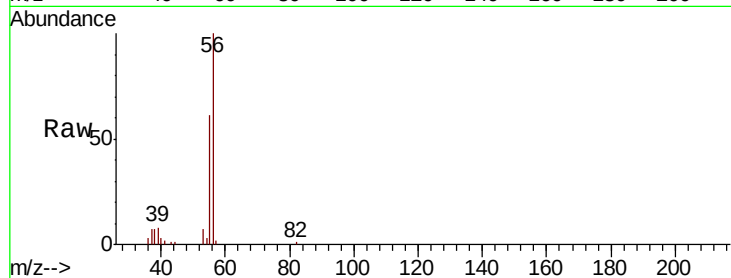
55 68.9 55.7 83.5

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 23.699 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

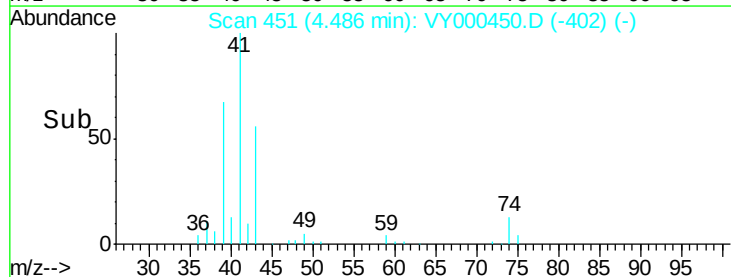
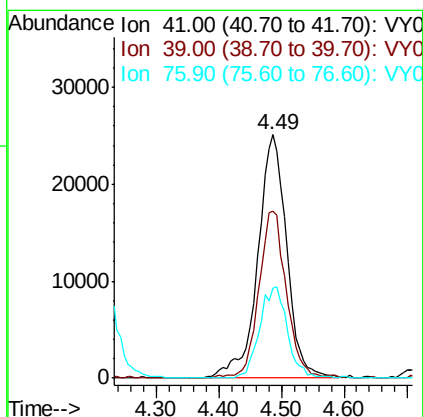
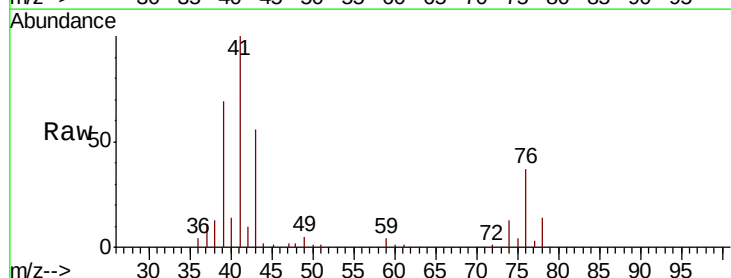
Tgt Ion: 41 Resp: 80052

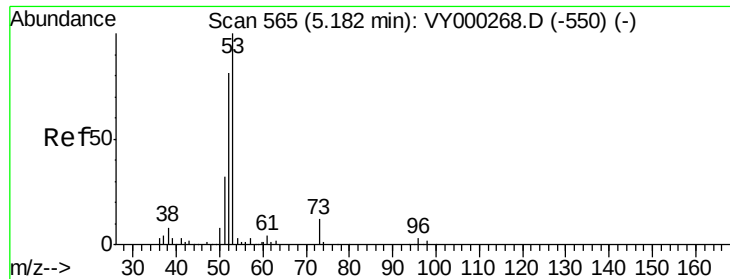
Ion Ratio Lower Upper

41 100

39 65.8 54.0 81.0

76 35.8 30.7 46.1





#15

Acrylonitrile

Concen: 118.297 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

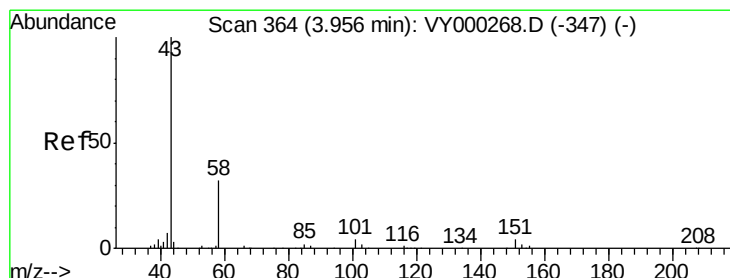
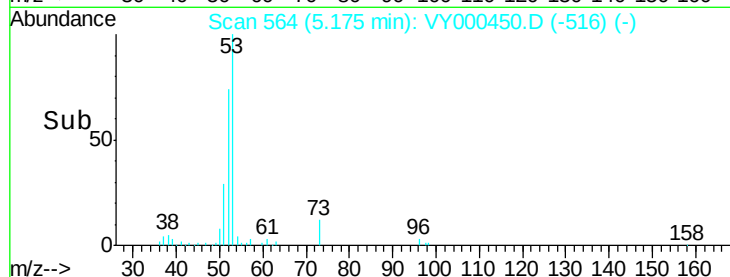
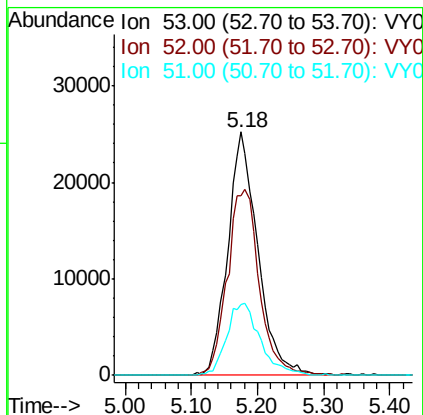
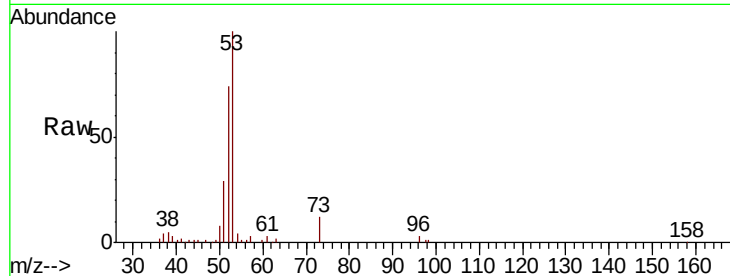
ClientSampleId :

VY1028SBS01

Tot Ion:	53	Resp:	79637
Ion	Ratio	Lower	Upper
53	100		
52	80.5	62.9	94.3
51	32.9	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 110.423 ug/l

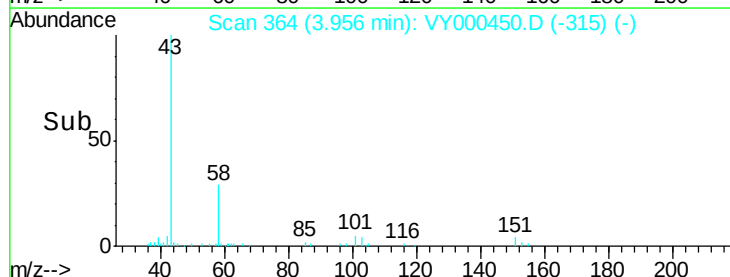
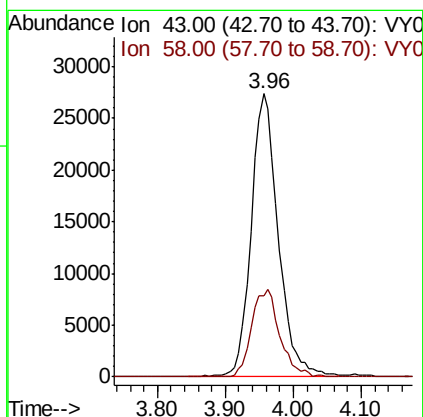
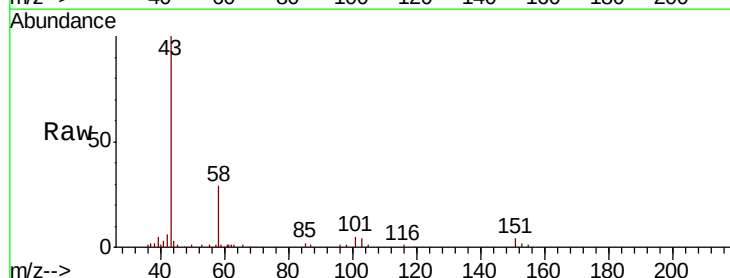
RT: 3.96 min Scan# 364

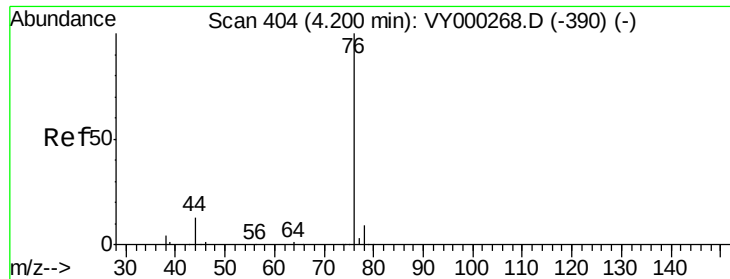
Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion:	43	Resp:	76129
Ion	Ratio	Lower	Upper
43	100		
58	28.9	25.8	38.6





#17

Carbon Disulfide

Concen: 21.225 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 76 Resp: 136216

Ion Ratio Lower Upper

76 100

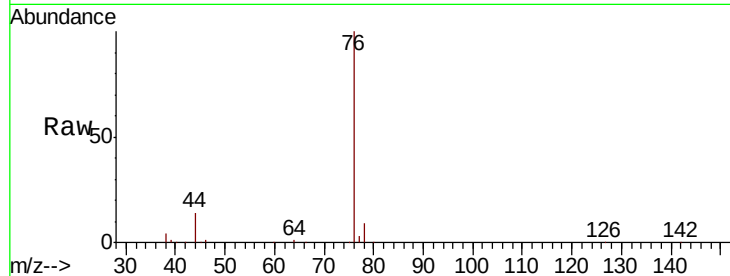
78 9.4 7.0 10.4

Manual Integrations

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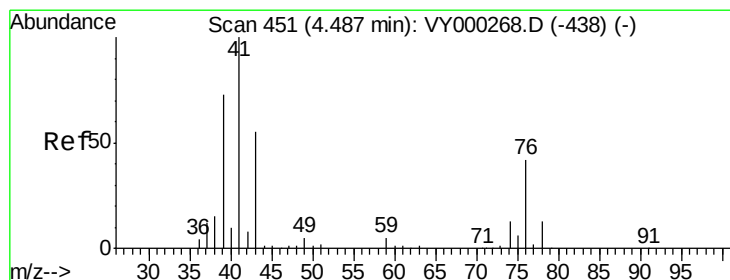
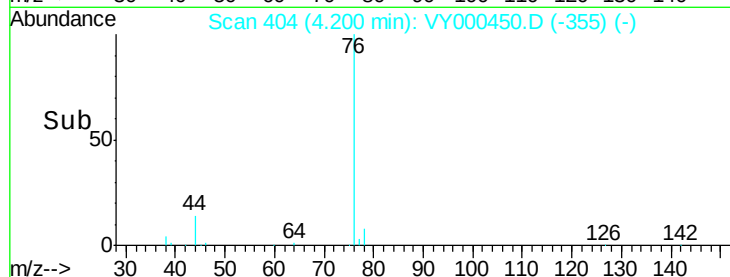
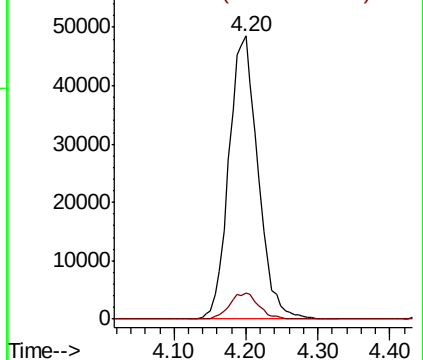
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.627 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000450.D

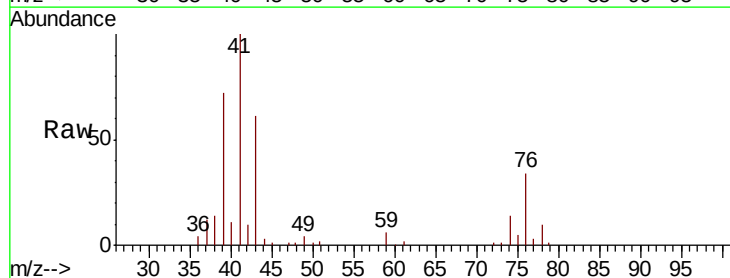
Acq: 28 Oct 2019 13:27

Tgt Ion: 43 Resp: 40472

Ion Ratio Lower Upper

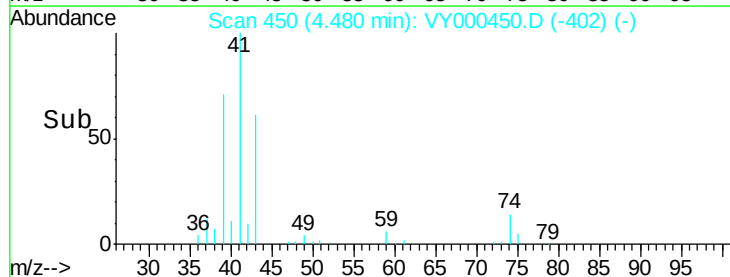
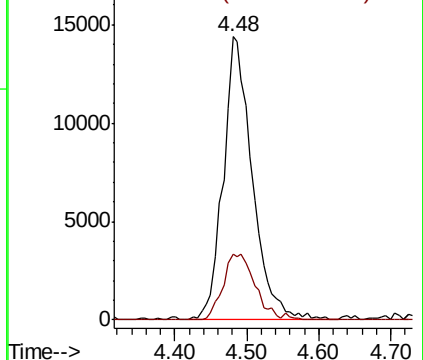
43 100

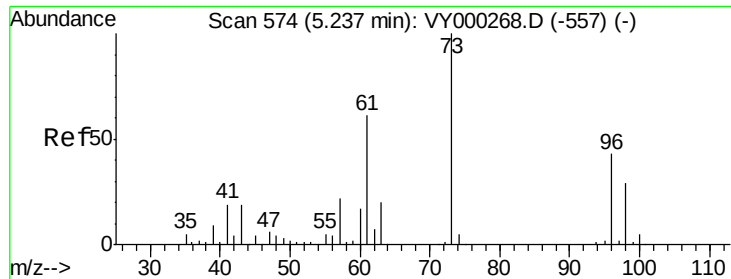
74 25.1 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





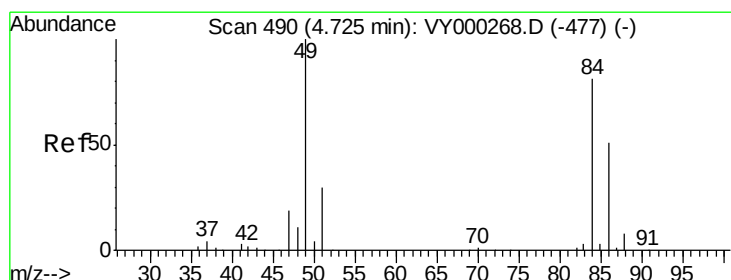
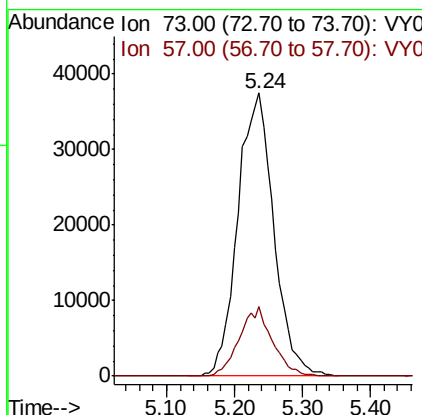
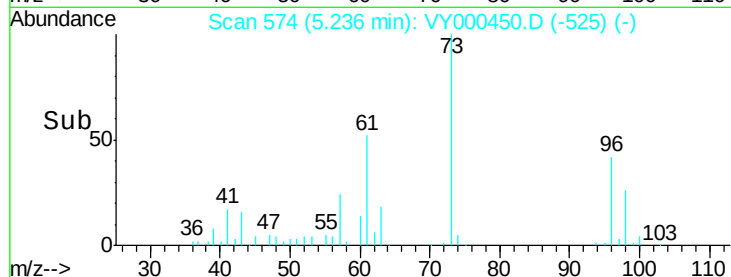
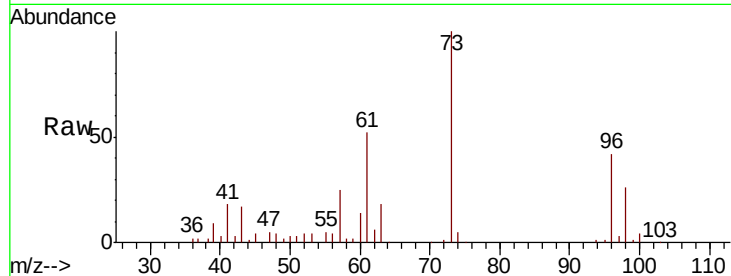
#19
Methyl tert-butyl Ether
Concen: 24.229 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion: 73 Resp: 137484
Ion Ratio Lower Upper
73 100
57 24.8 17.4 26.0

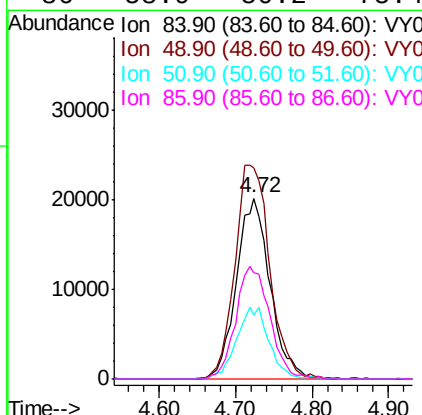
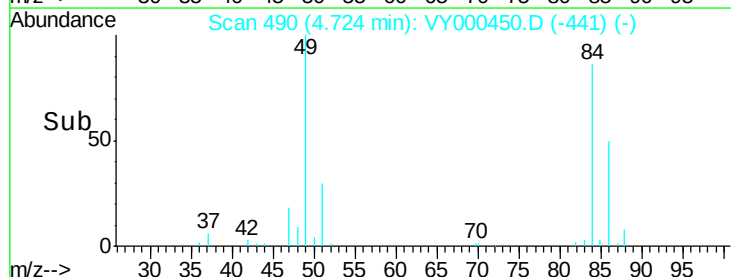
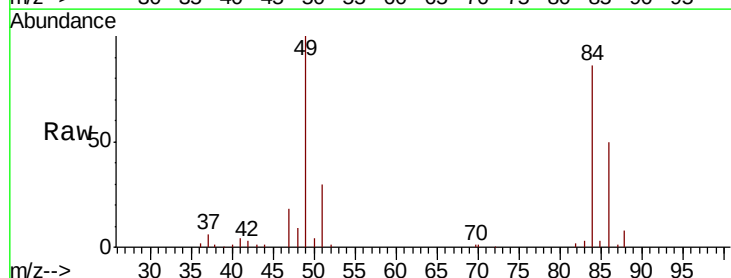
Manual Integrations
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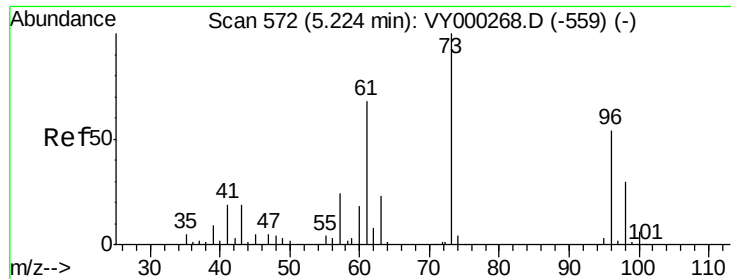
MMDadoda
10/29/2019 2:06:23 PM



#20
Methylene Chloride
Concen: 23.412 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 84 Resp: 61099
Ion Ratio Lower Upper
84 100
49 116.9 99.0 148.4
51 35.3 29.3 43.9
86 58.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 23.388 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 96 Resp: 54695

Ion Ratio Lower Upper

96 100

61 120.2 100.4 150.6

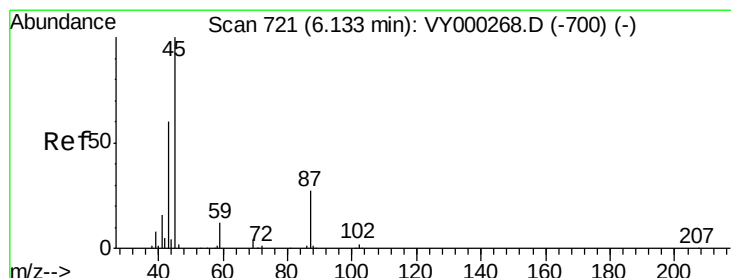
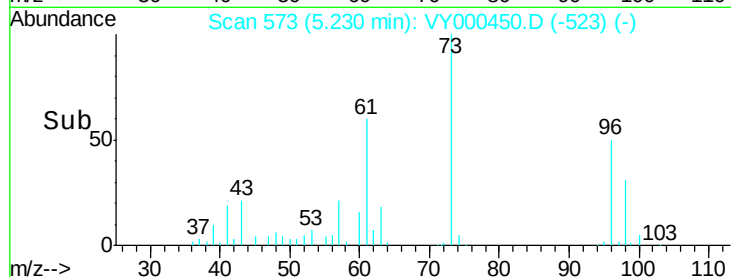
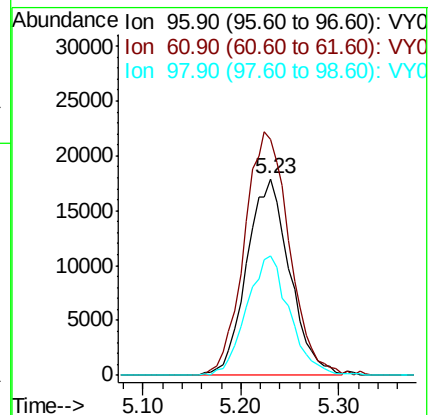
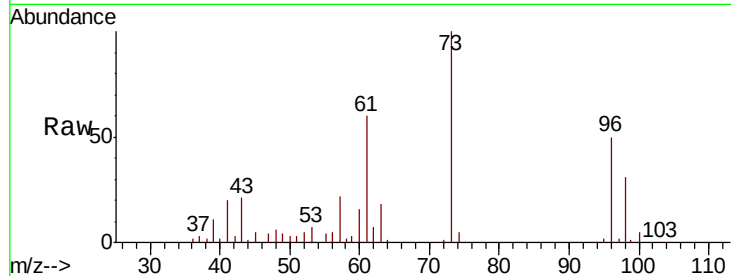
98 61.1 44.6 66.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 24.507 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion: 45 Resp: 175086

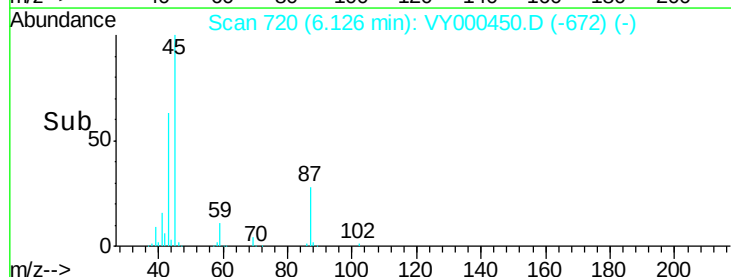
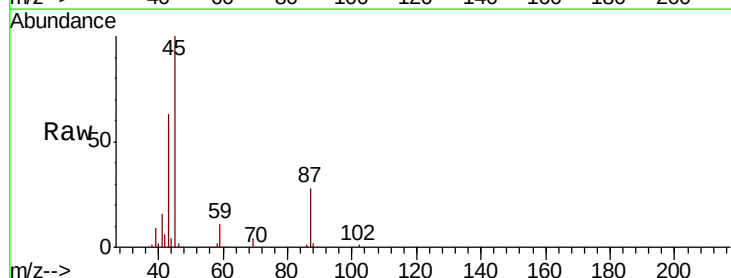
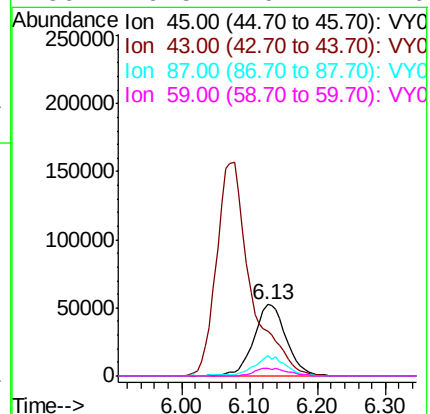
Ion Ratio Lower Upper

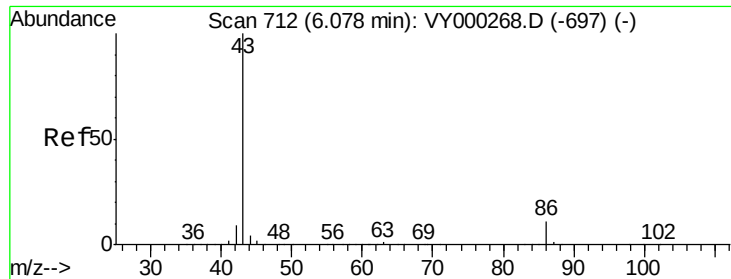
45 100

43 62.7 48.5 72.7

87 28.3 21.5 32.3

59 10.5 9.4 14.0





#23

Vinyl Acetate

Concen: 117.347 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 43 Resp: 546941

Ion Ratio Lower Upper

43 100

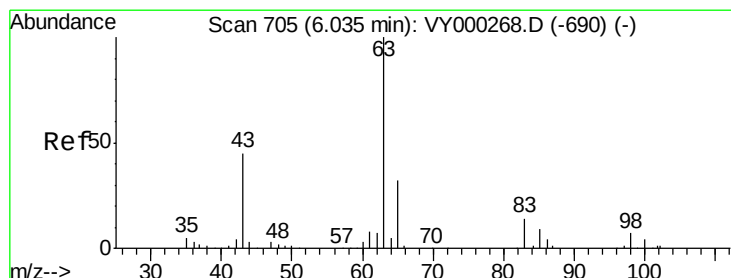
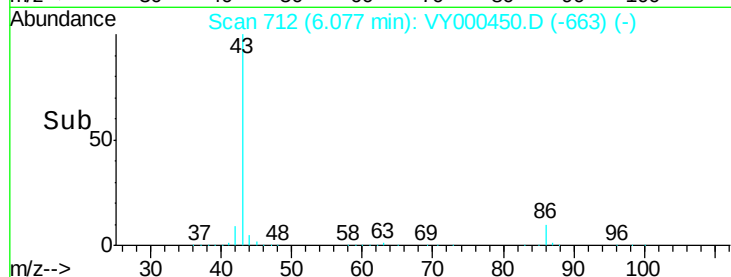
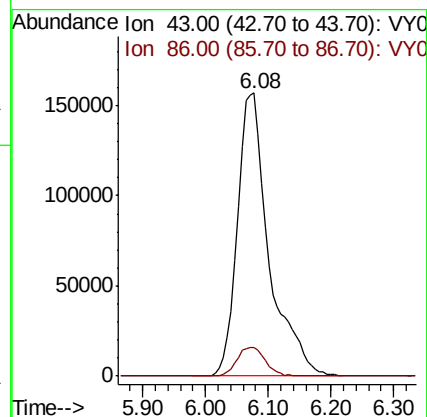
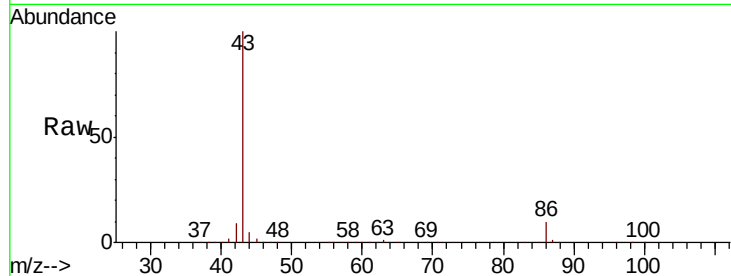
86 10.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 23.458 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

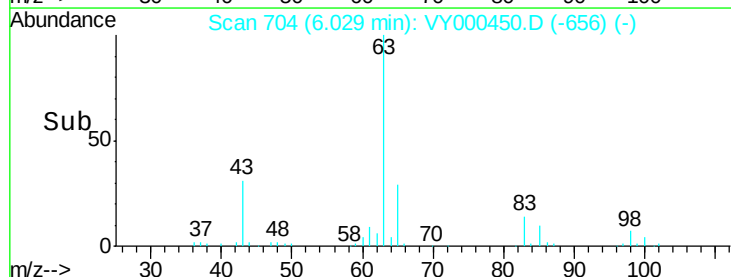
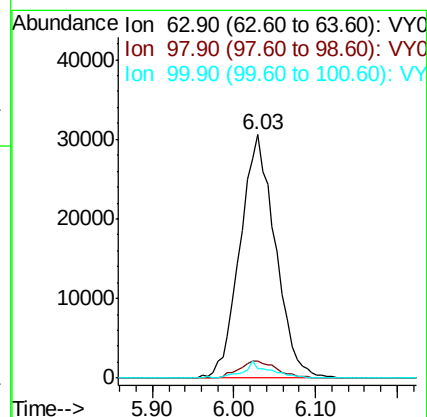
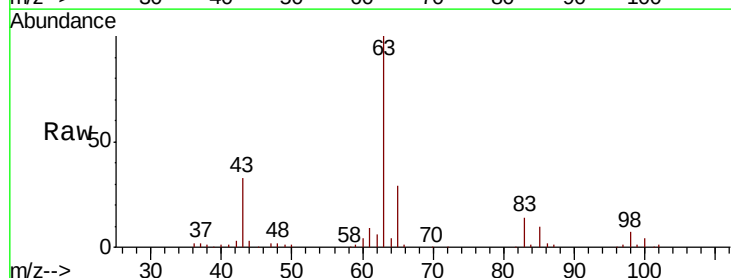
Tgt Ion: 63 Resp: 91478

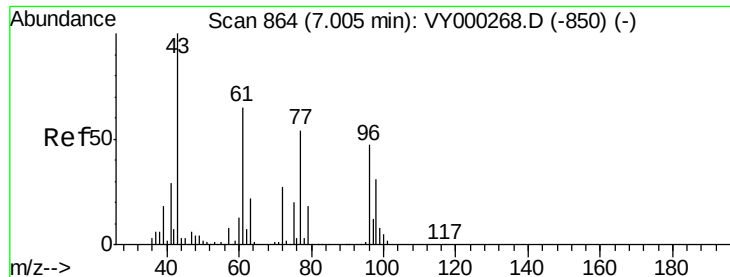
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 117.631 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 43 Resp: 114242

Ion Ratio Lower Upper

43 100

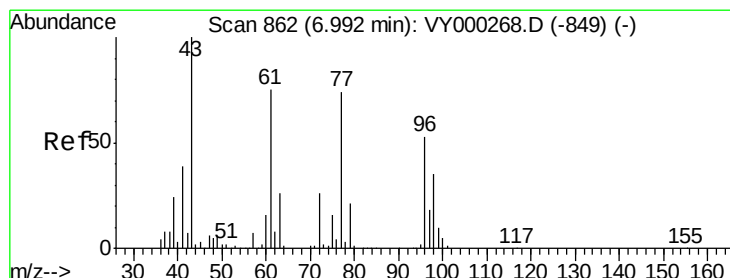
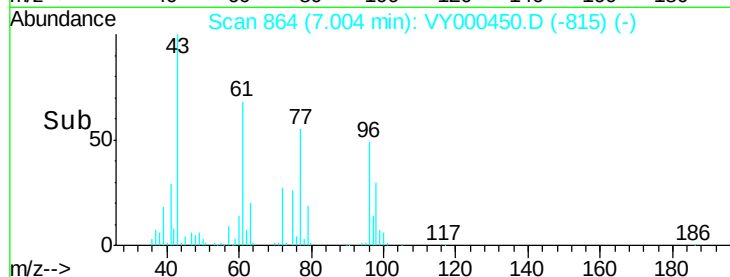
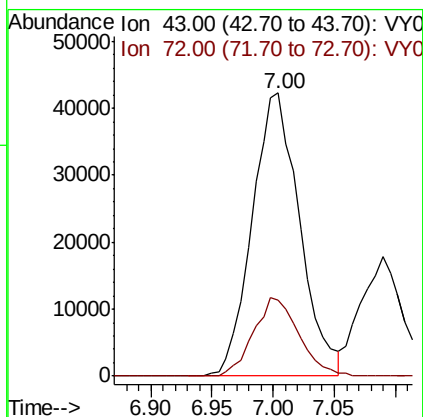
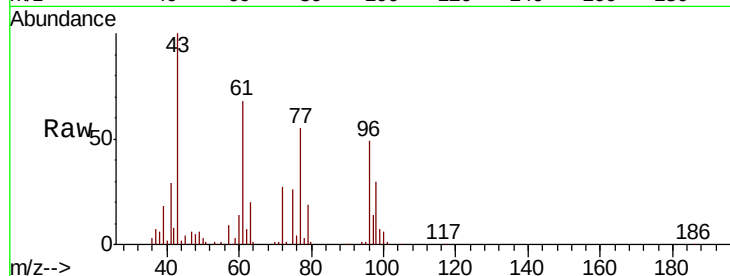
72 26.8 21.4 32.2

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 23.480 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000450.D

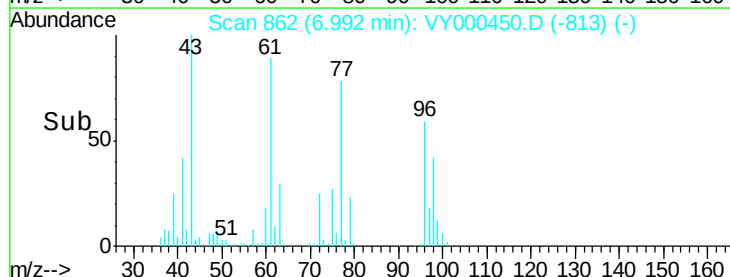
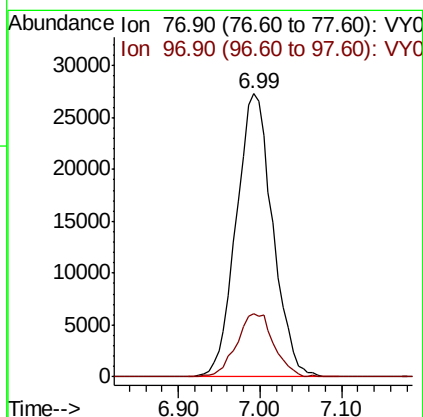
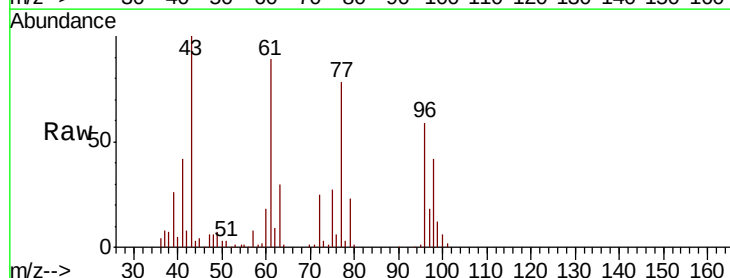
Acq: 28 Oct 2019 13:27

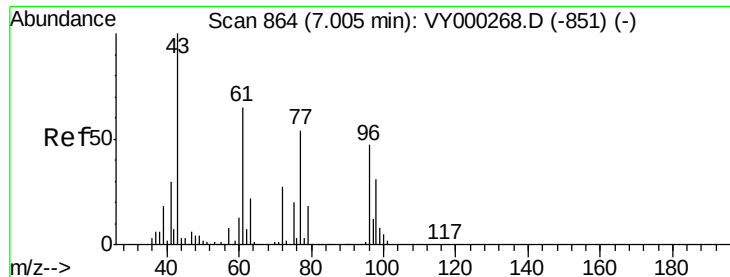
Tgt Ion: 77 Resp: 84373

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7





#27

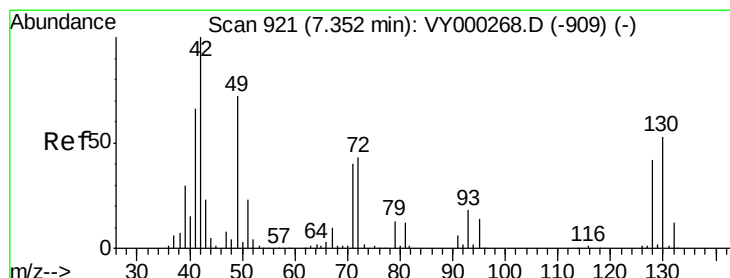
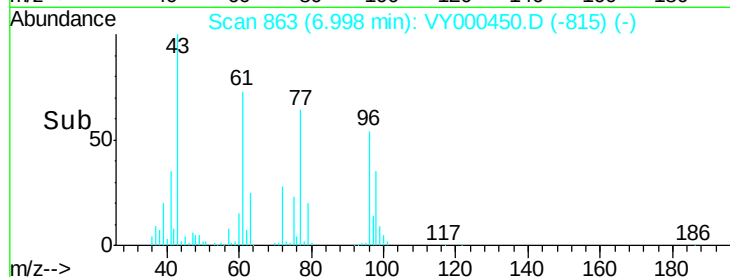
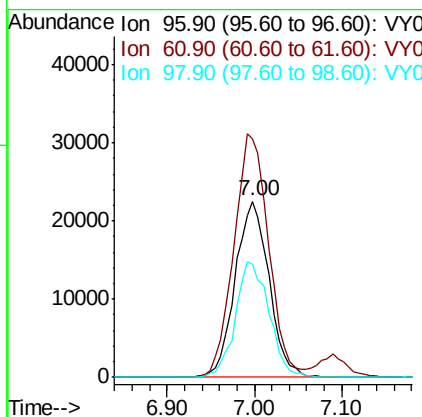
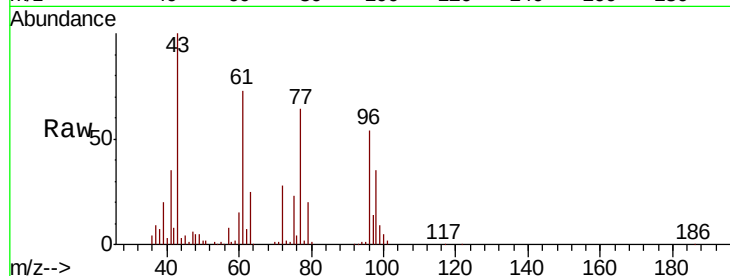
cis-1,2-Dichloroethene
Concen: 23.944 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60591		
61	142.0	0.0	289.8	
98	65.2	0.0	131.8	

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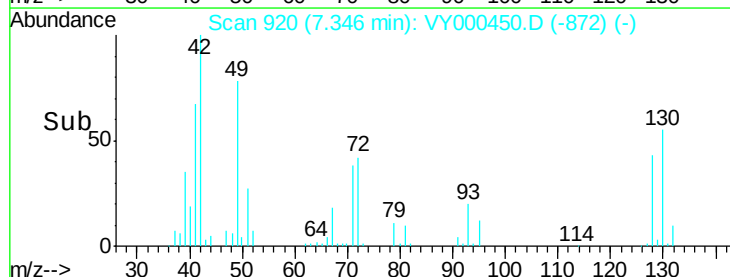
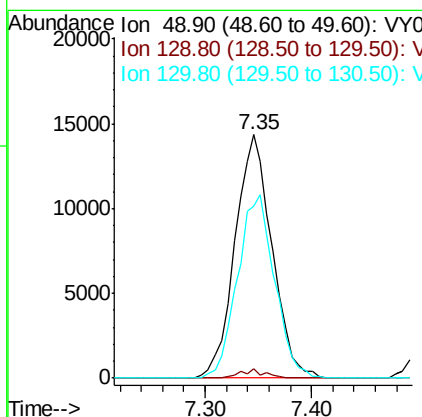
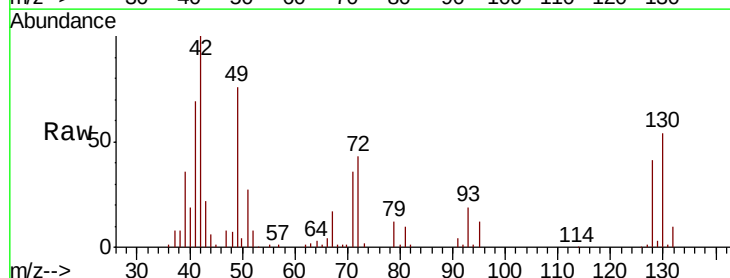
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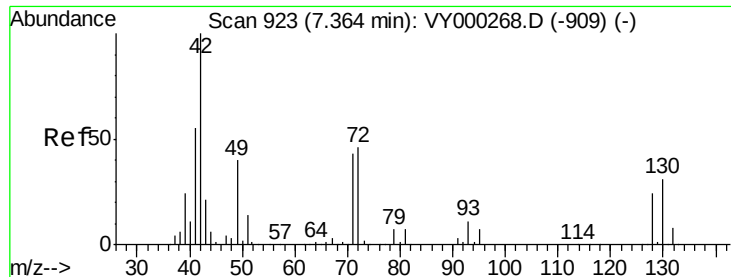


#28

Bromochloromethane
Concen: 20.816 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34847		
129	2.3	0.0	4.0	
130	75.8	58.2	87.2	





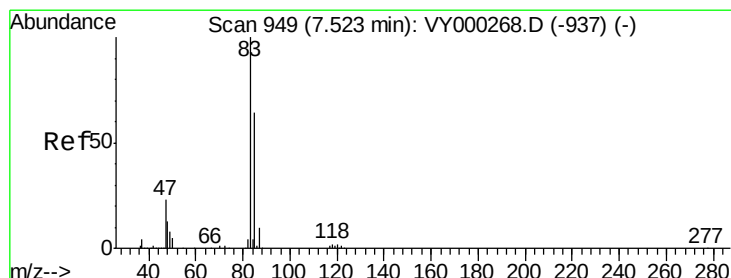
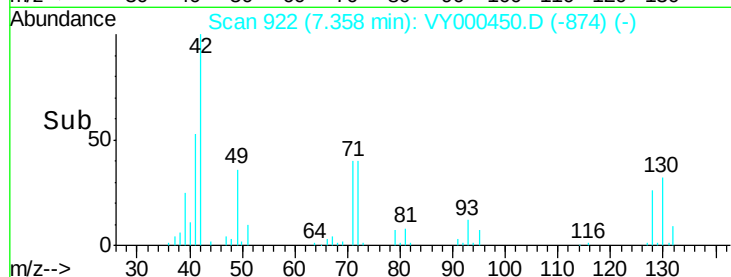
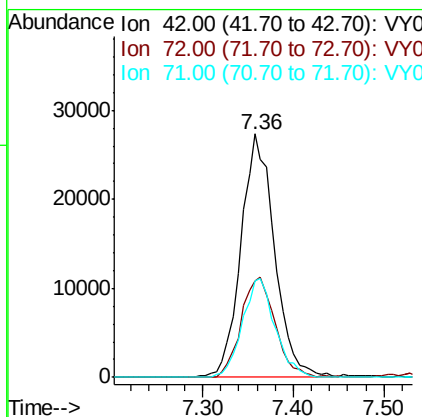
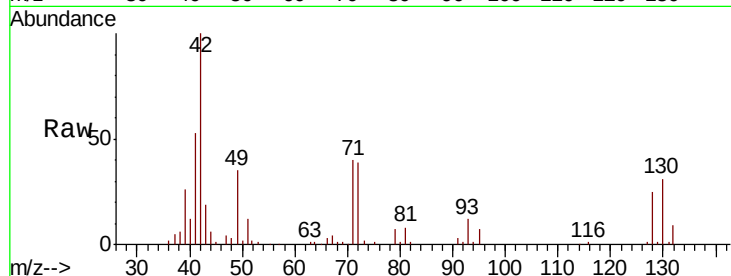
#29
Tetrahydrofuran
Concen: 119.221 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.5	51.7
71	39.4	32.7	49.1

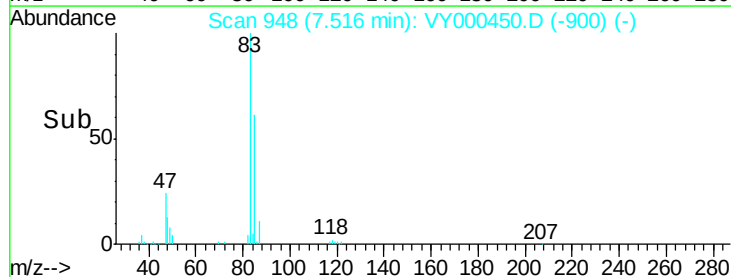
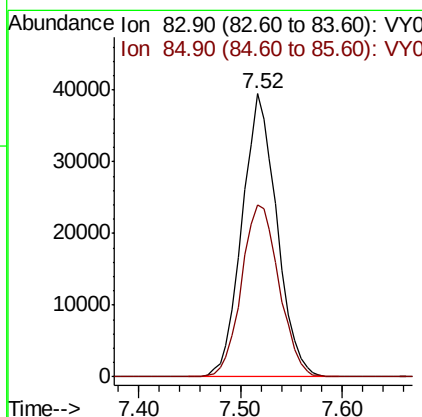
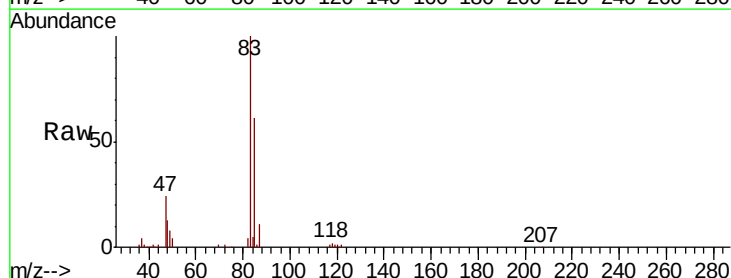
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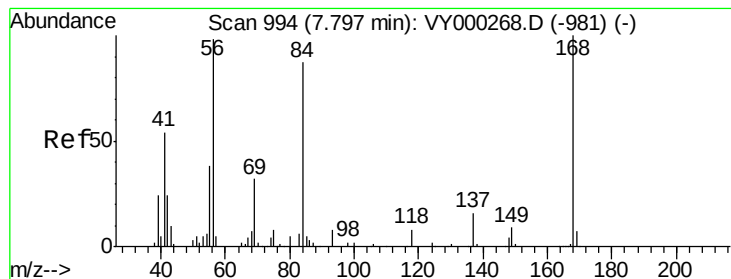
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#30
Chloroform
Concen: 23.808 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.4	77.2





#31

Cyclohexane

Concen: 22.369 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 56 Resp: 91108

Ion Ratio Lower Upper

56 100

69 34.6 26.3 39.5

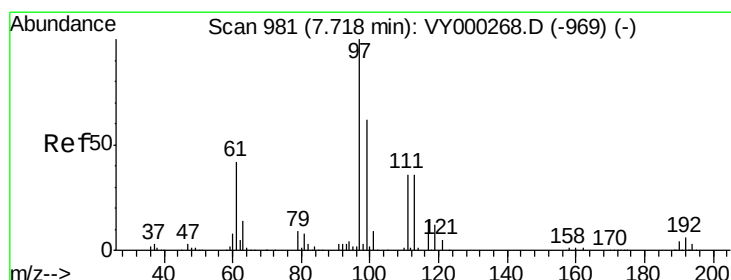
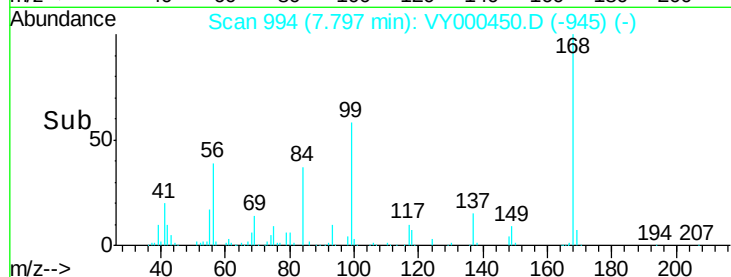
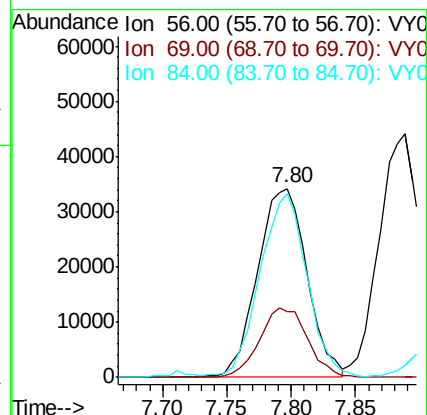
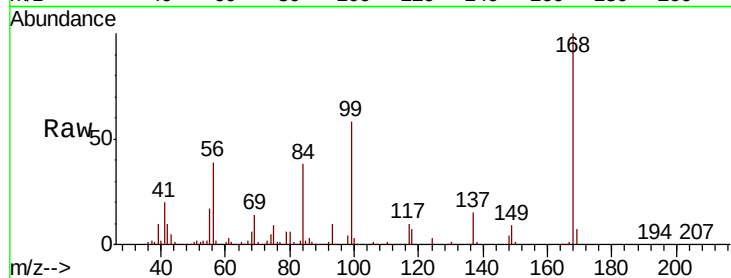
84 95.4 70.8 106.2

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#32

1,1,1-Trichloroethane

Concen: 23.462 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

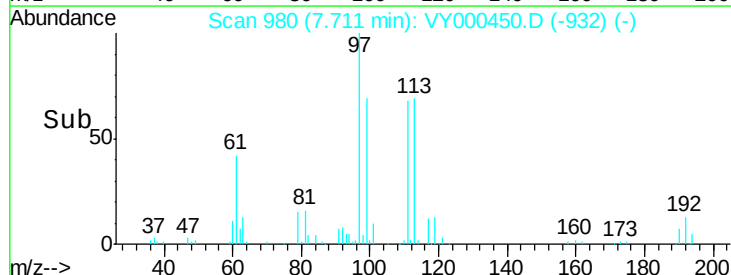
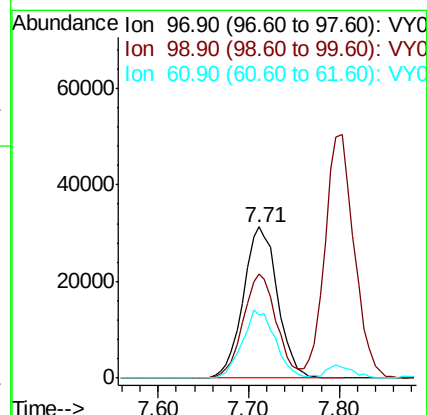
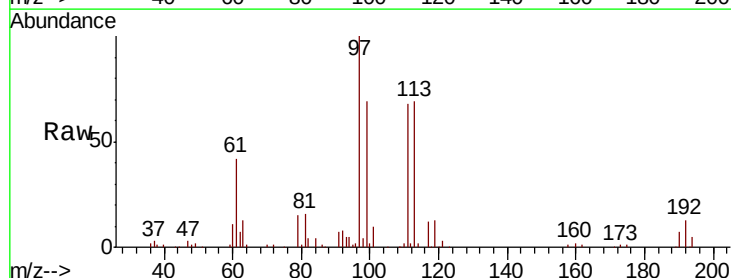
Tgt Ion: 97 Resp: 81917

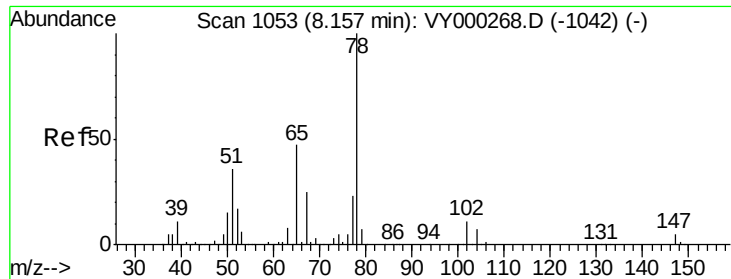
Ion Ratio Lower Upper

97 100

99 66.2 51.7 77.5

61 43.3 34.5 51.7





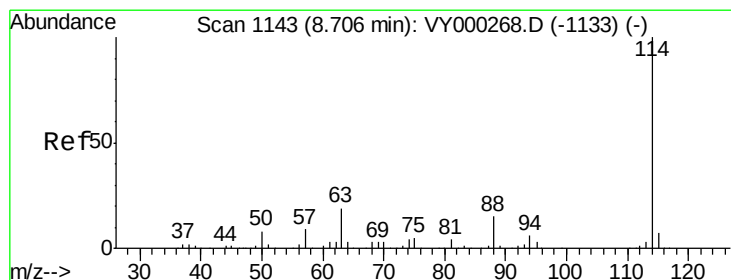
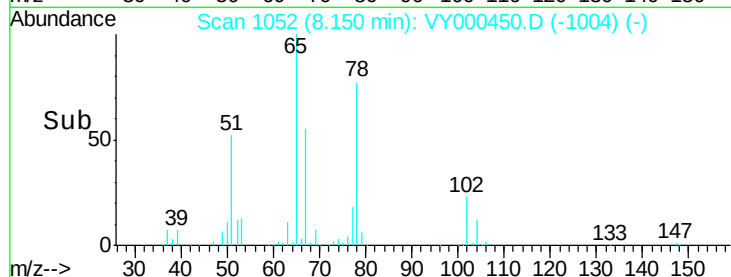
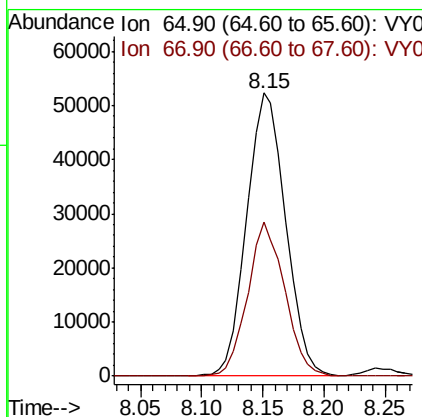
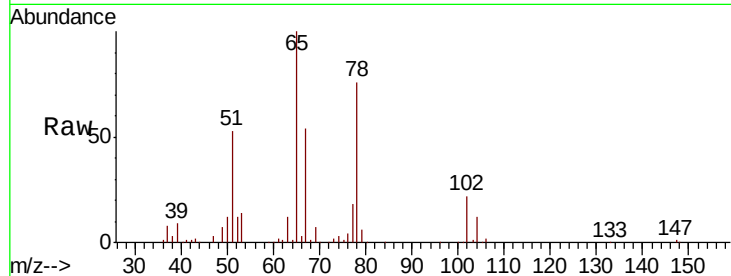
#33
 1,2-Dichloroethane-d4
 Concen: 54.463 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.9	0.0	109.4	

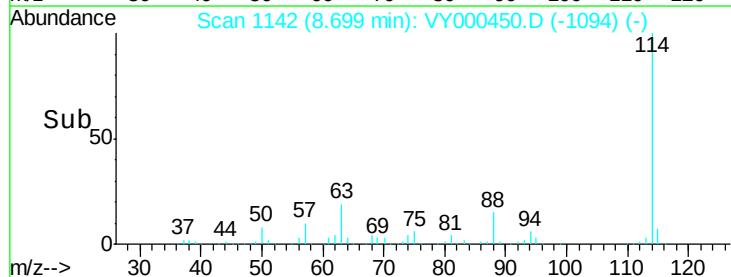
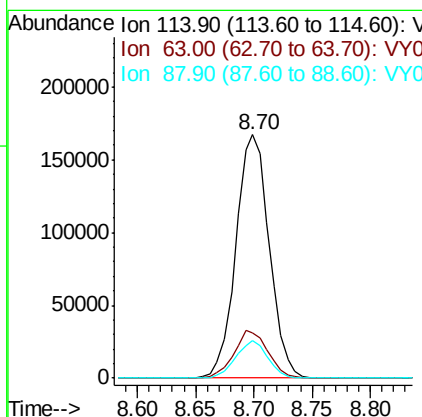
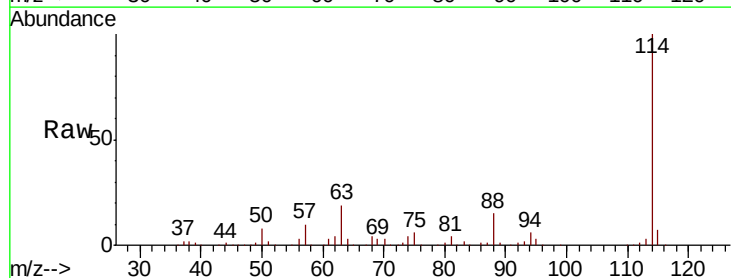
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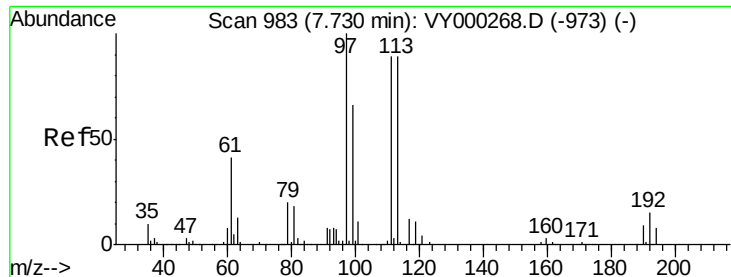
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	37.2	
88	15.3	0.0	30.2	





#35

Dibromofluoromethane

Concen: 51.865 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

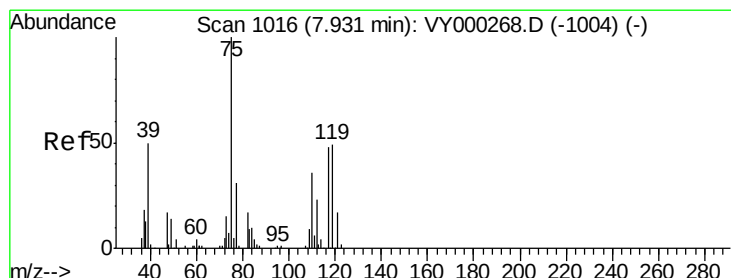
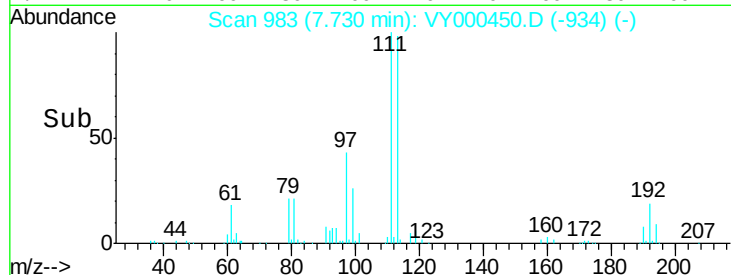
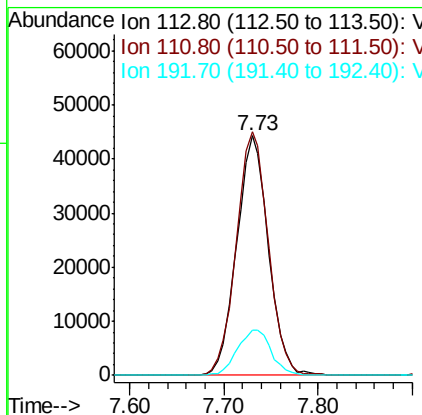
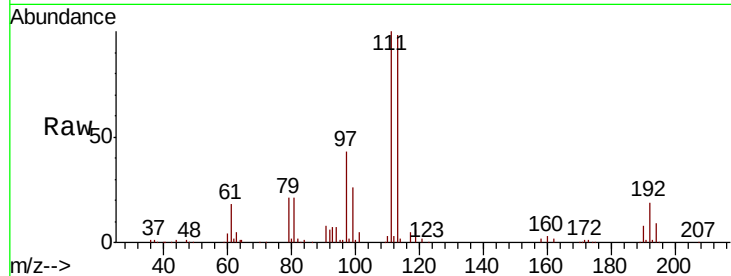
ClientSampleId :

VY1028SBS01

Tot Ion:	113	Resp:	104113
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	20.1	15.3	22.9

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#36

1,1-Dichloropropene

Concen: 22.840 ug/l

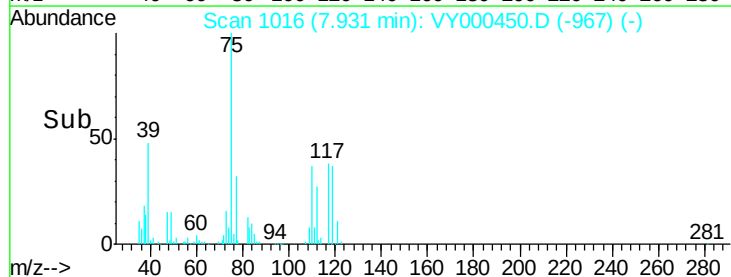
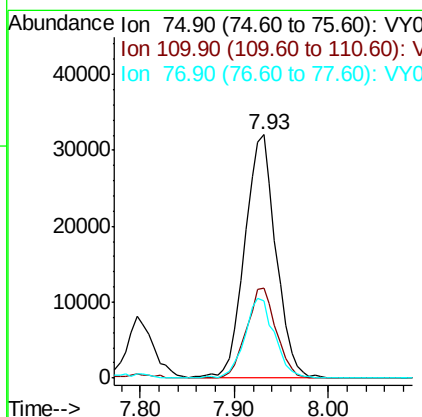
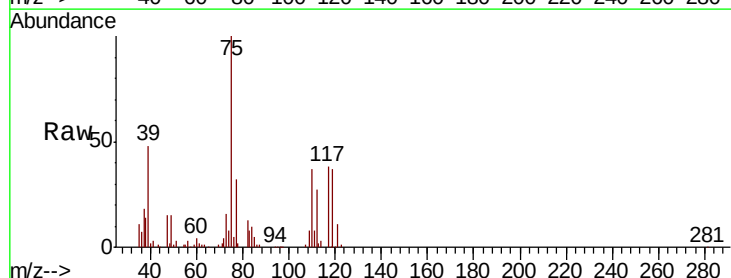
RT: 7.93 min Scan# 1016

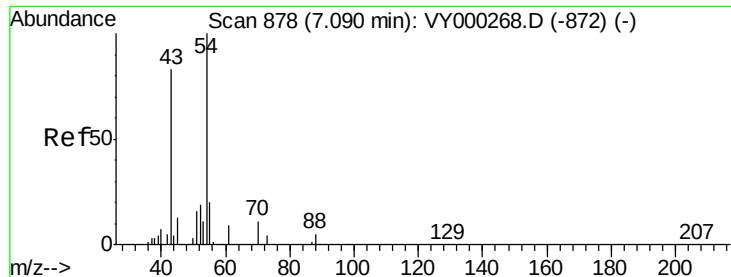
Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion:	75	Resp:	74416
Ion Ratio	Lower	Upper	
75	100		
110	35.0	18.4	55.4
77	31.5	25.0	37.6





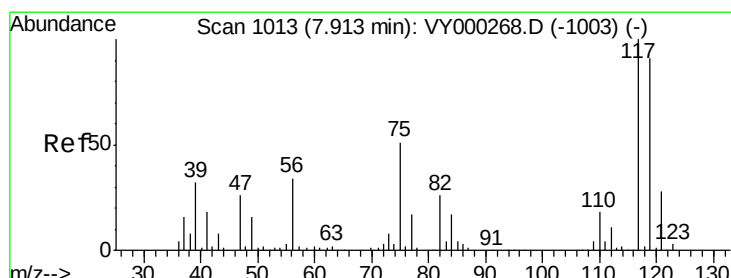
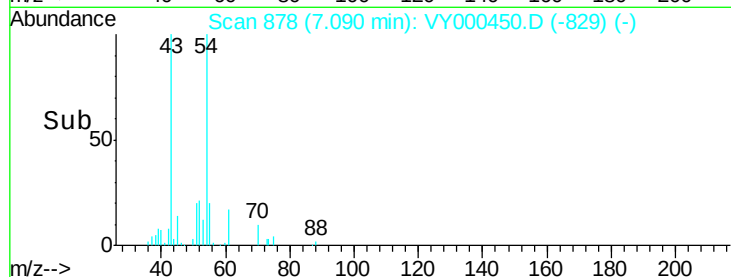
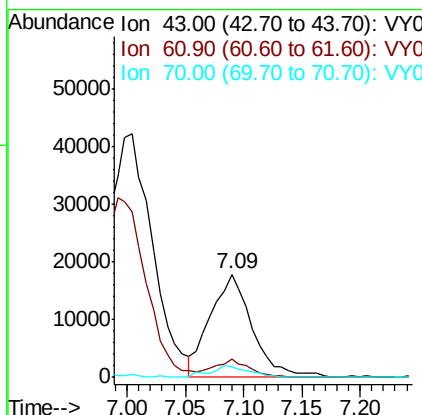
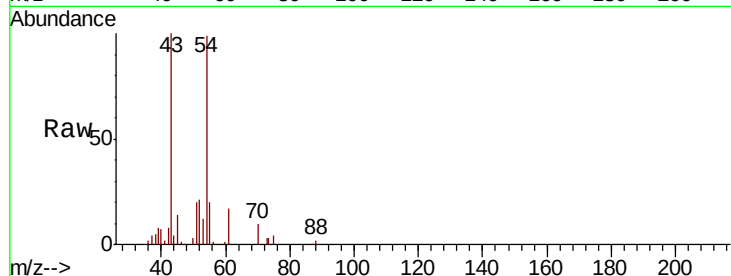
#37
Ethyl Acetate
Concen: 22.797 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	10.5	8.7	13.1

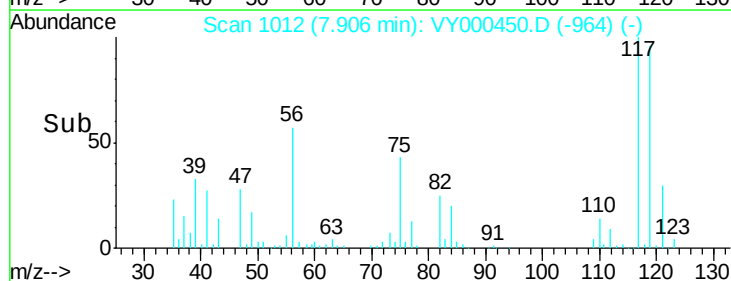
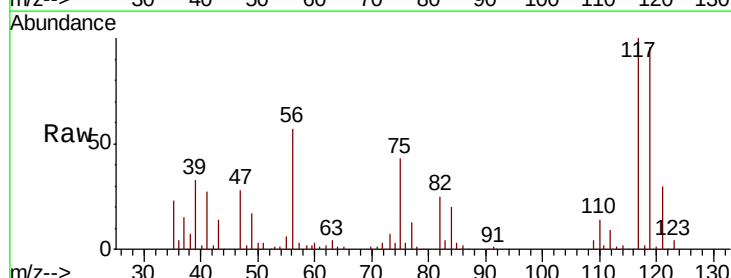
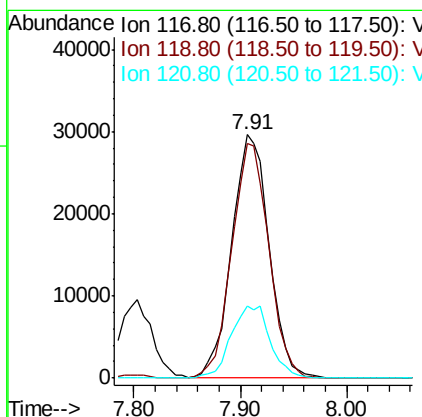
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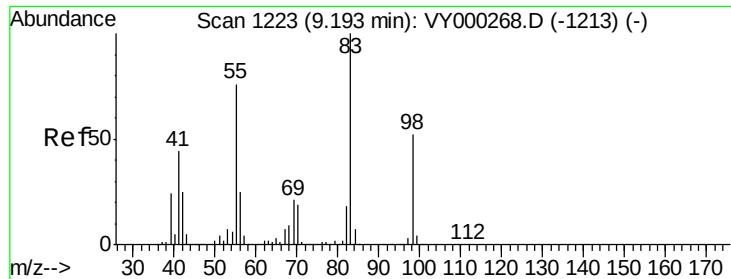
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#38
Carbon Tetrachloride
Concen: 23.119 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	72.8	109.2
121	29.8	22.2	33.2





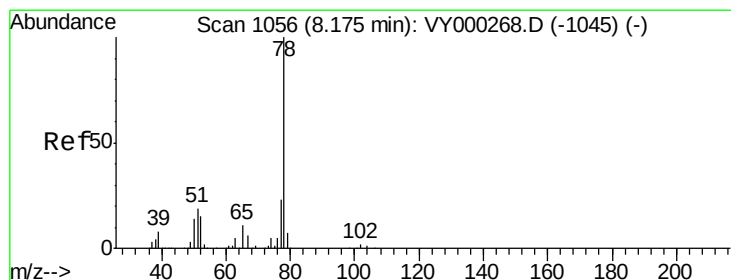
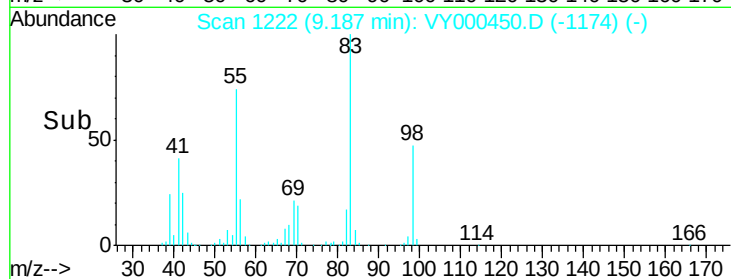
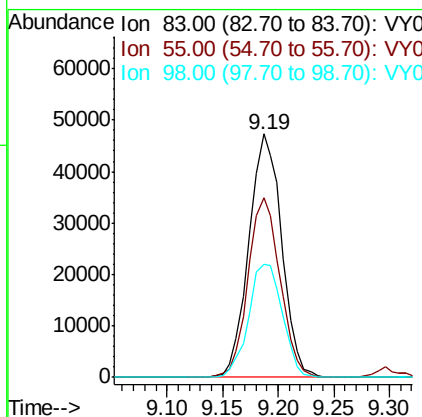
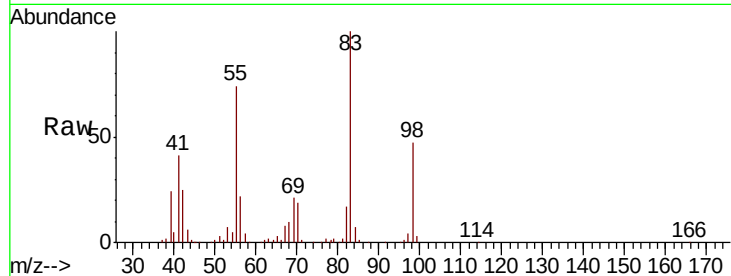
#39
Methylvlcyclohexane
Concen: 22.800 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	60.9	91.3
98	46.7	41.8	62.6

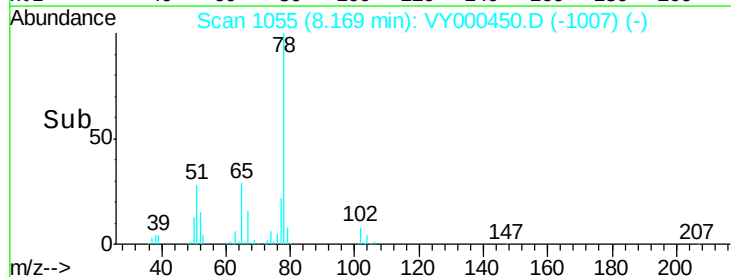
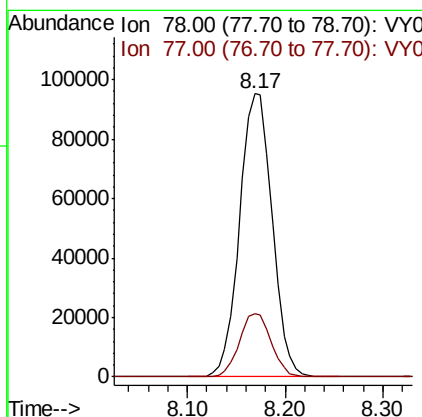
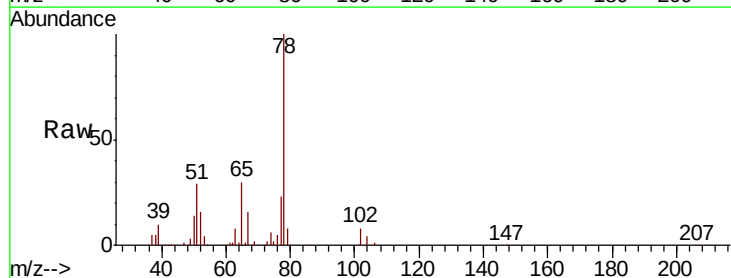
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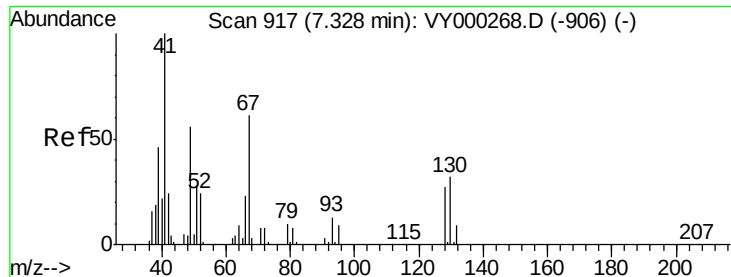
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#40
Benzene
Concen: 23.417 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





#41

Methacrylonitrile

Concen: 21.643 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 41 Resp: 19875

Ion Ratio Lower Upper

41 100

39 154.2 110.2 165.2

67 0.0 0.0 0.0

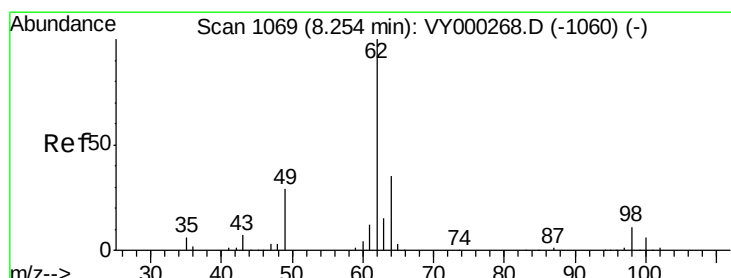
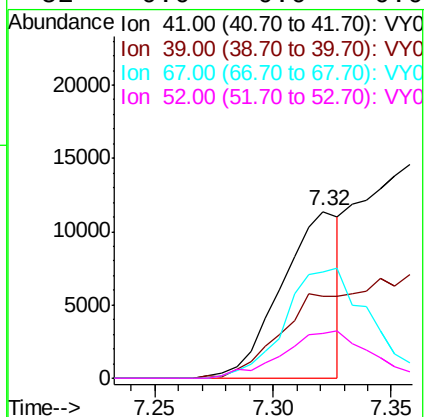
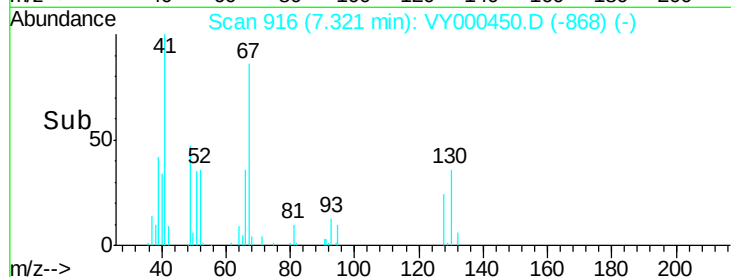
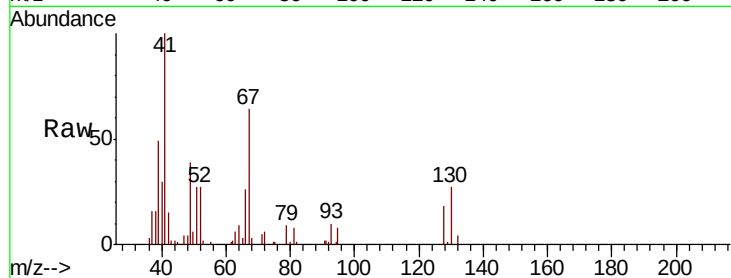
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 23.685 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY000450.D

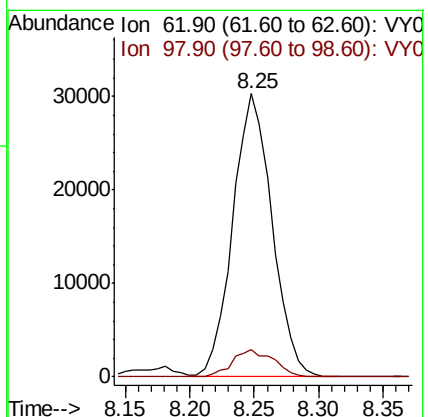
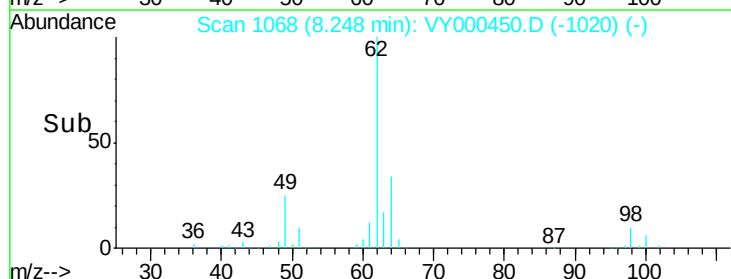
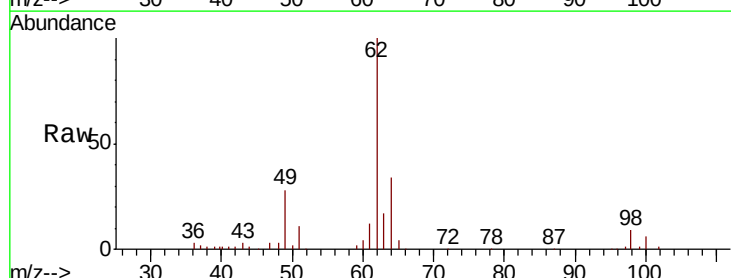
Acq: 28 Oct 2019 13:27

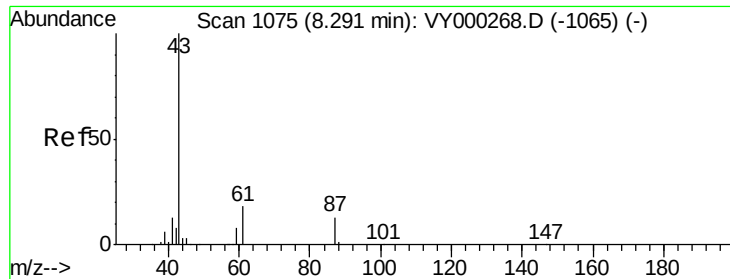
Tgt Ion: 62 Resp: 63704

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 22.911 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

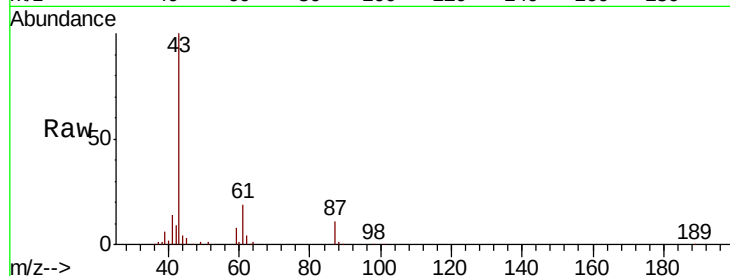
ClientSampleId :

VY1028SBS01

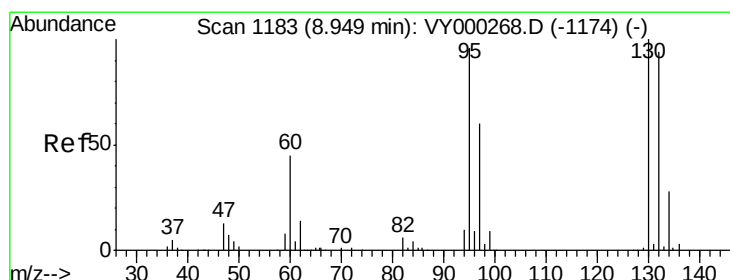
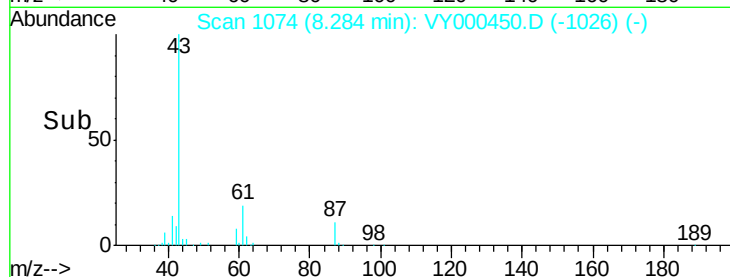
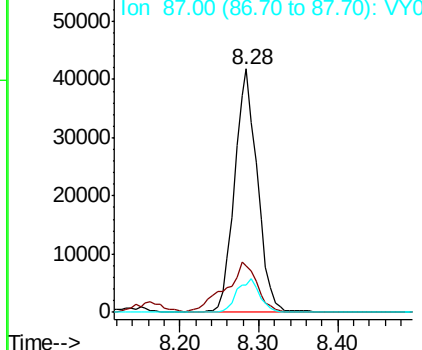
Tot Ion:	43	Resp:	84043
Ion	Ratio	Lower	Upper
43	100		
61	28.6	22.3	33.5
87	13.5	10.9	16.3

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VY000450.D (-1074) (-)



#44

Trichloroethene

Concen: 22.333 ug/l

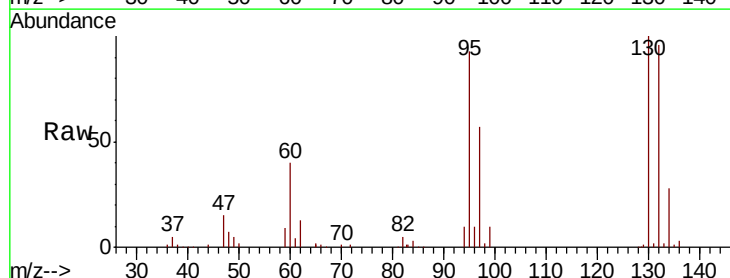
RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

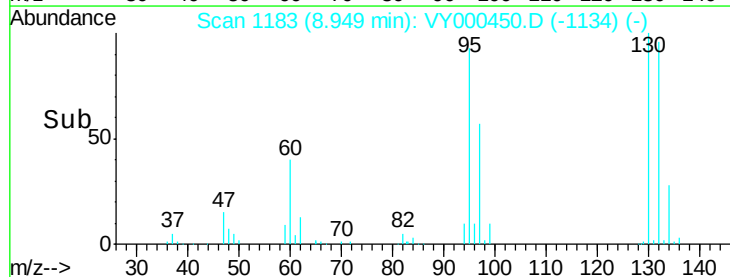
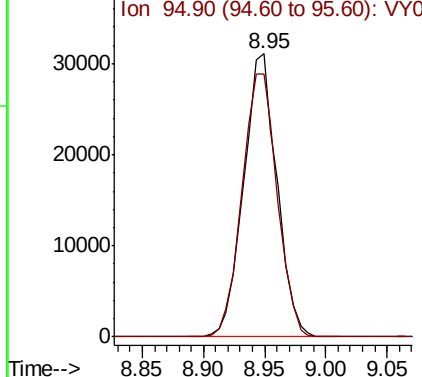
Lab File: VY000450.D

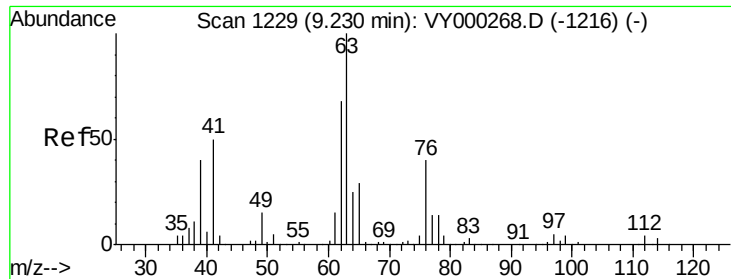
Acq: 28 Oct 2019 13:27

Tgt Ion:	130	Resp:	59002
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000450.D (-1183) (-)





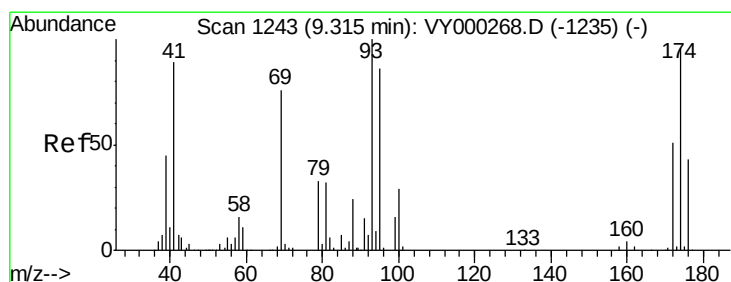
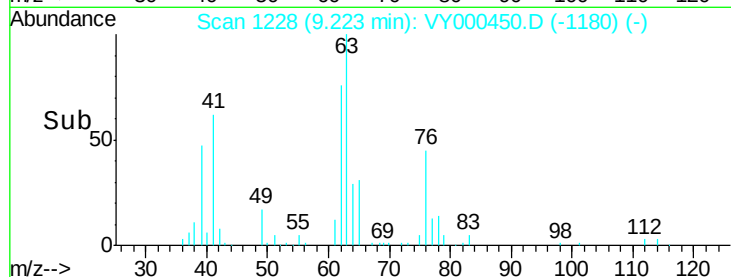
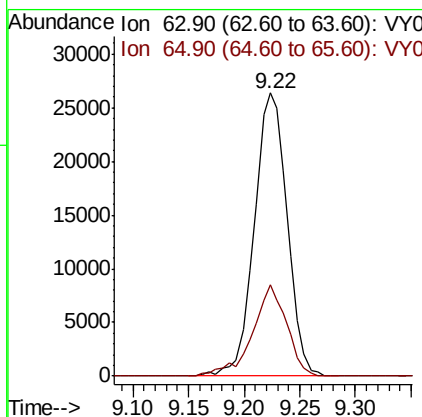
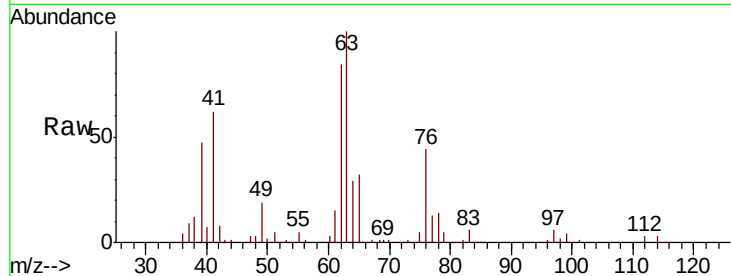
#45
 1,2-Dichloropropane
 Concen: 23.537 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion: 63 Resp: 54385
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.2 34.8

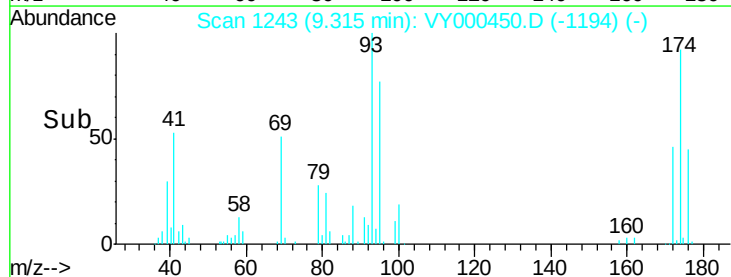
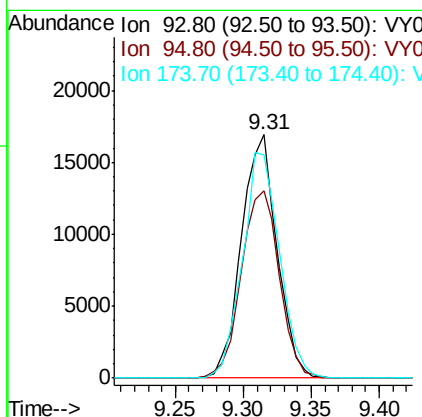
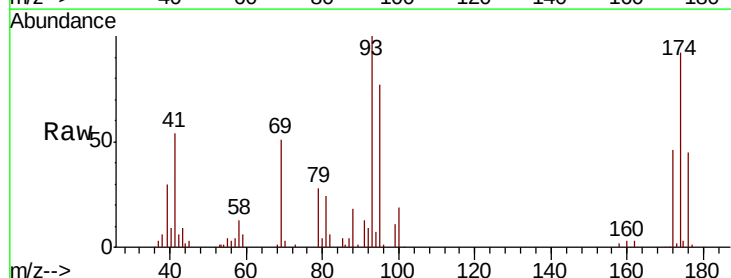
Manual Integrations
 APPROVED

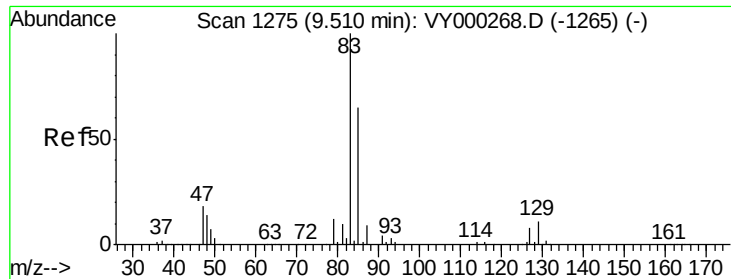
MMDadoda
 10/29/2019 2:06:23 PM



#46
 Dibromomethane
 Concen: 23.988 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 93 Resp: 30985
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.2 102.2
 174 96.5 79.8 119.6





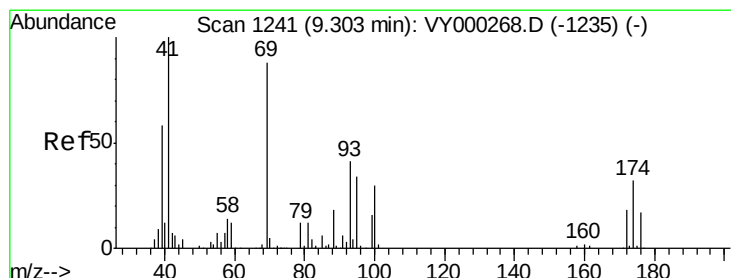
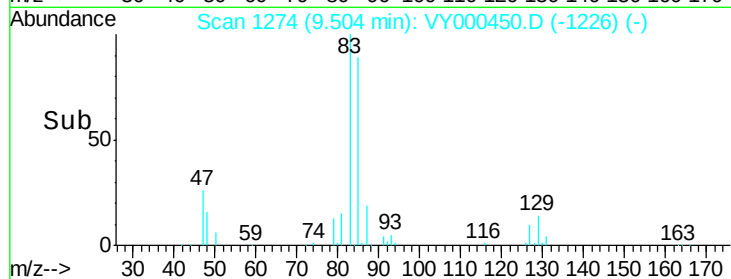
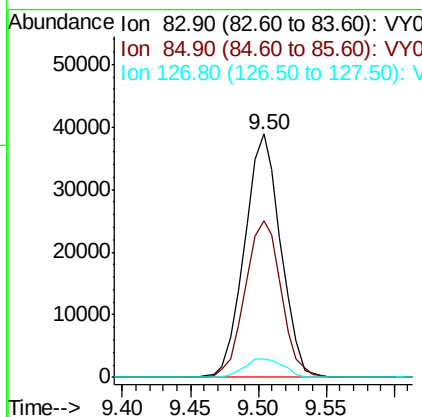
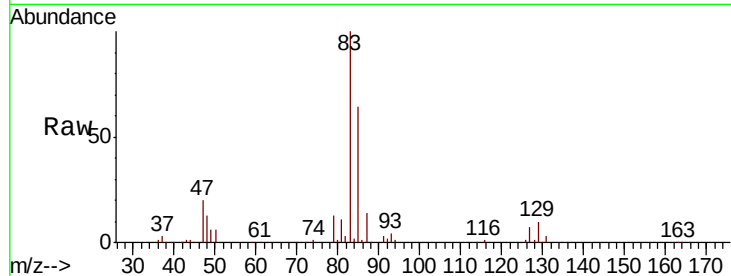
#47
Bromodichloromethane
Concen: 23.686 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	83	Resp	72103
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	52.2	78.2
127	7.5	6.3	9.5

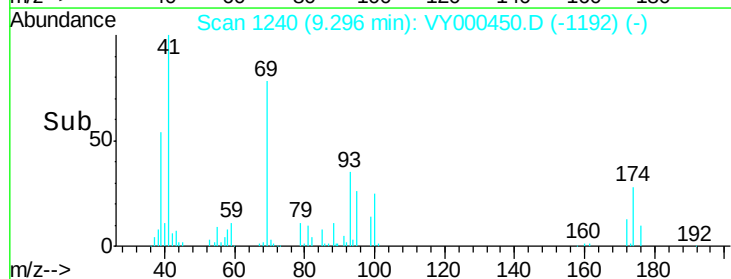
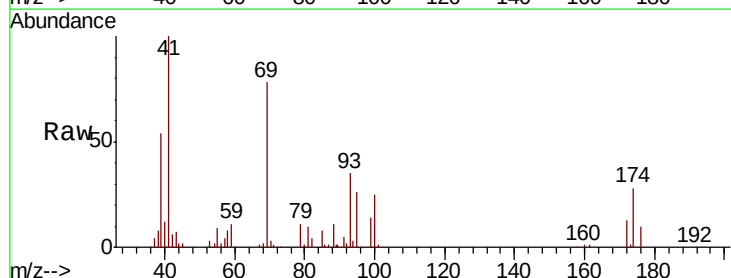
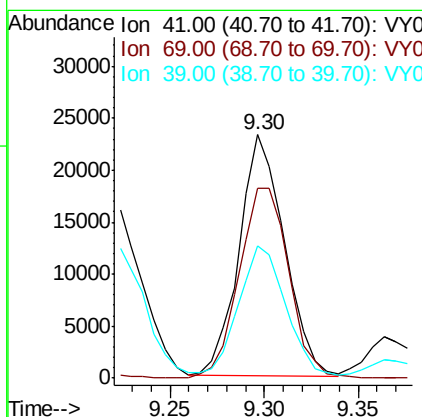
Manual Integrations
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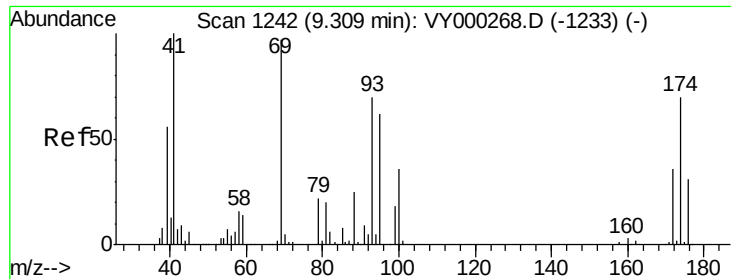
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#48
Methyl methacrylate
Concen: 23.964 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	41	Resp	38526
Ion Ratio	100	Lower	Upper
41	100		
69	86.8	70.0	105.0
39	58.2	47.7	71.5





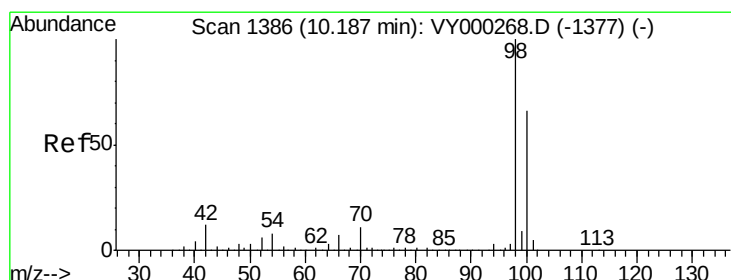
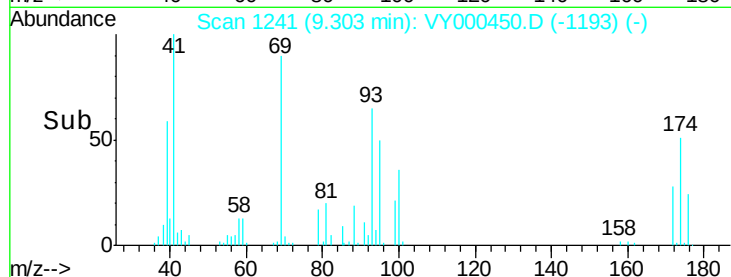
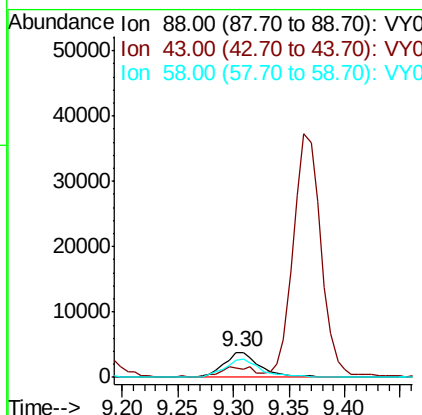
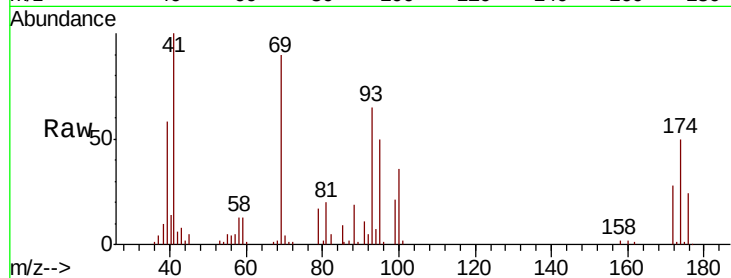
#49
1,4-Dioxane
Concen: 446.161 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	88	Resp	8641
Ion Ratio	100	Lower	Upper
88	100		
43	38.5	25.6	38.4#
58	74.0	54.6	81.8

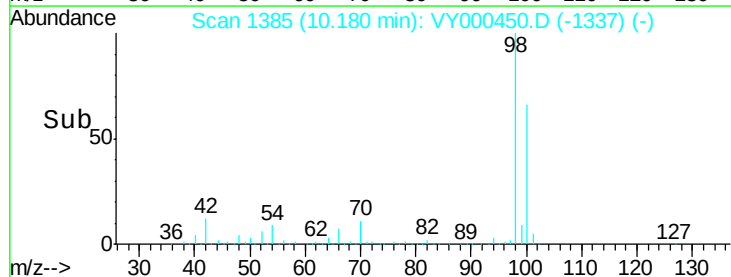
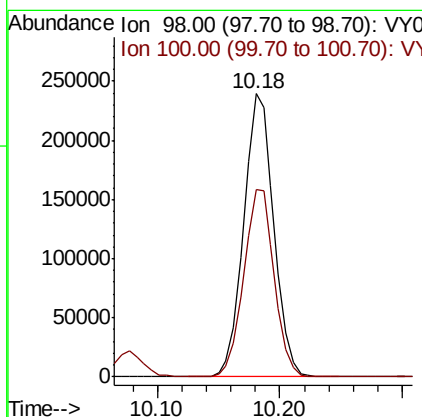
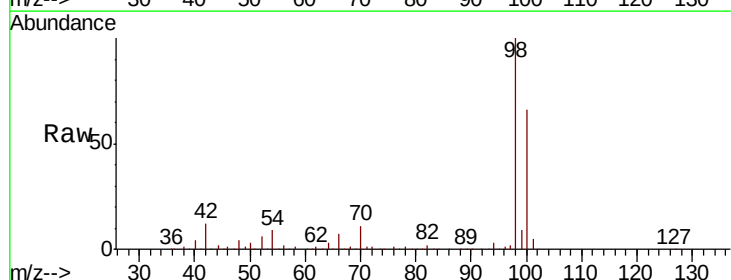
Manual Integrations
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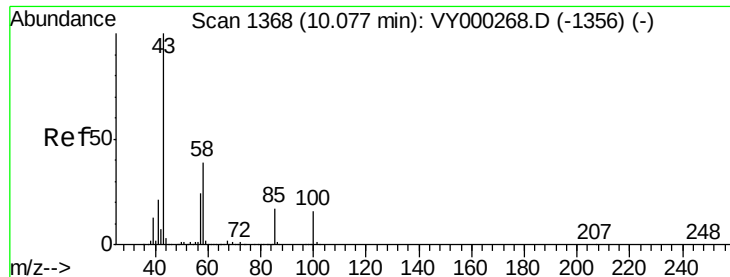
MMDadoda
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#50
Toluene-d8
Concen: 52.732 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	98	Resp	407191
Ion Ratio	100	Lower	Upper
98	100		
100	67.2	52.8	79.2





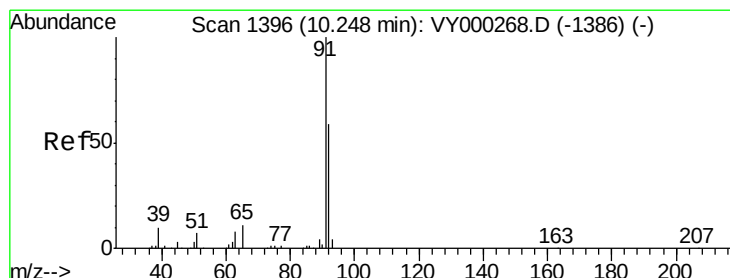
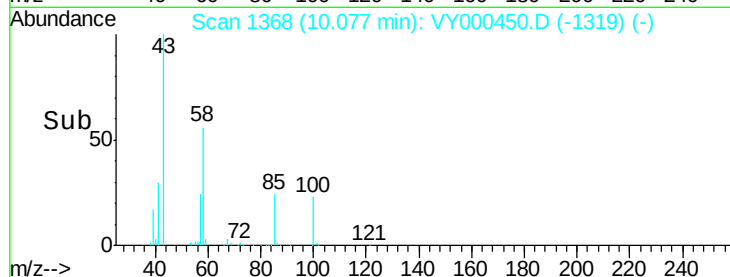
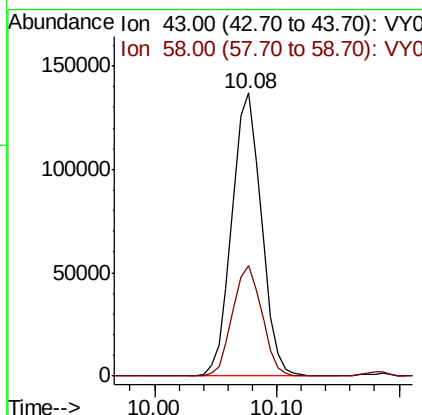
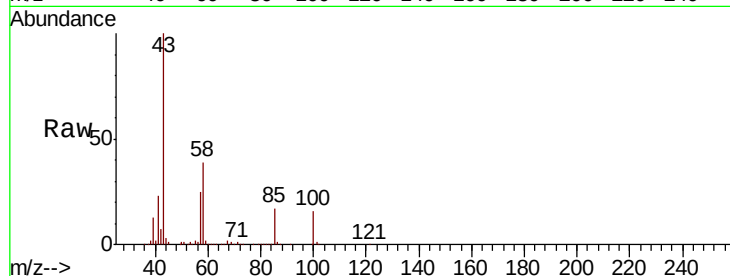
#51
4-Methyl-2-Pentanone
Concen: 120.825 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.0	46.6

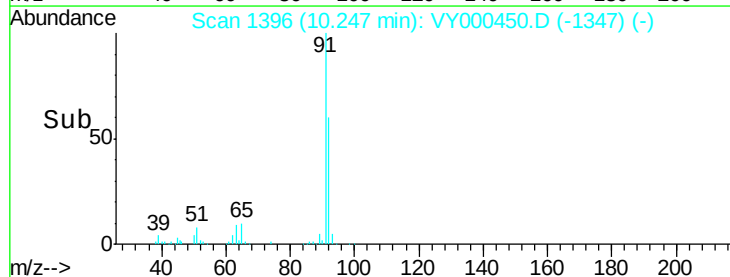
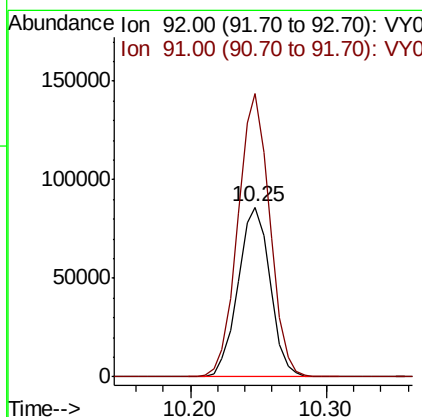
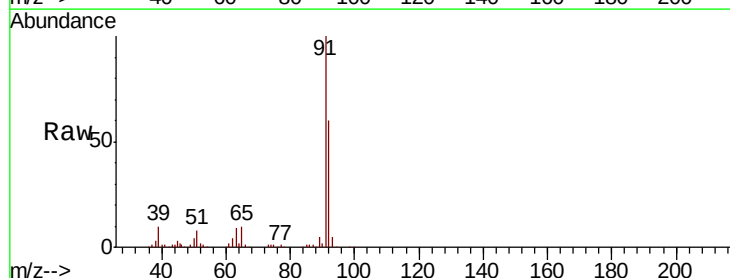
Manual Integrations
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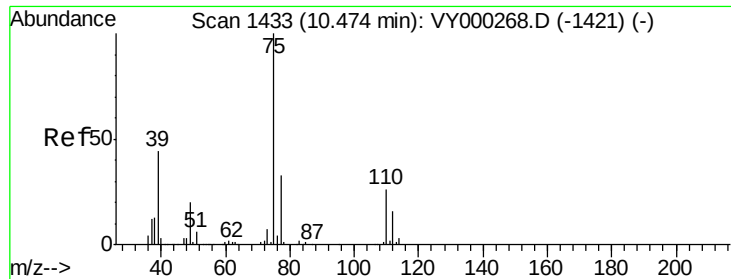
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#52
Toluene
Concen: 23.705 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.1	136.6	205.0





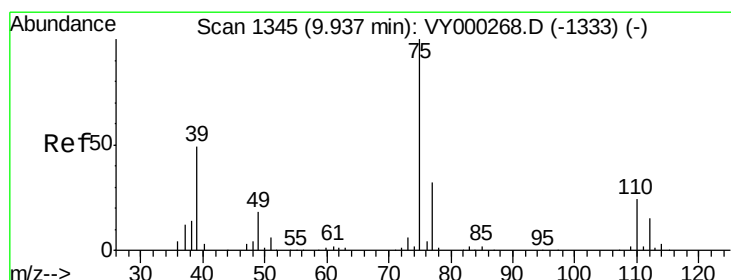
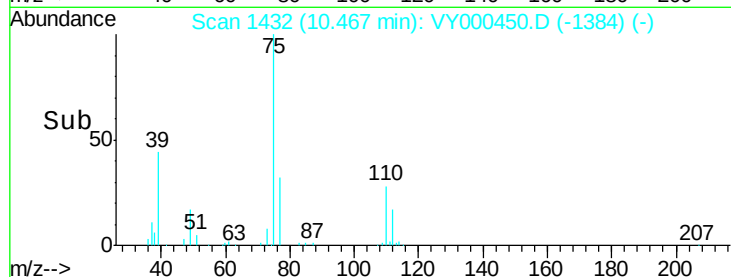
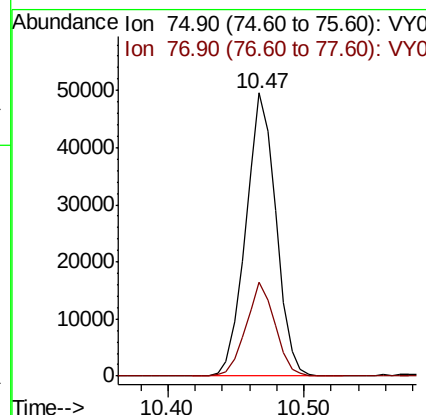
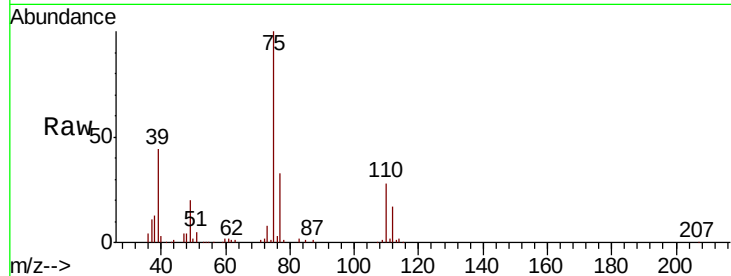
#53
t-1,3-Dichloropropene
Concen: 23.566 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion: 75 Resp: 76882
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0

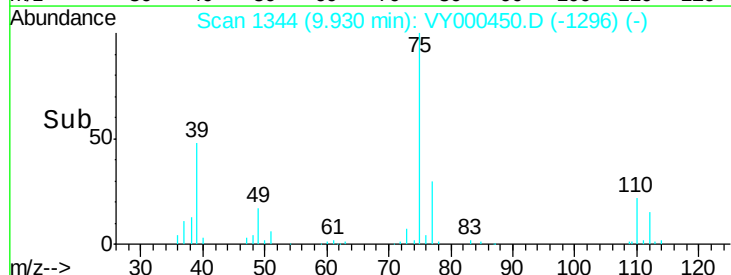
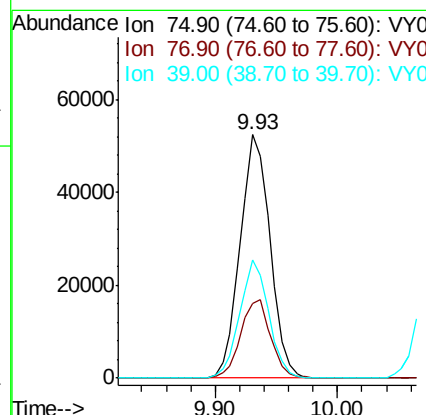
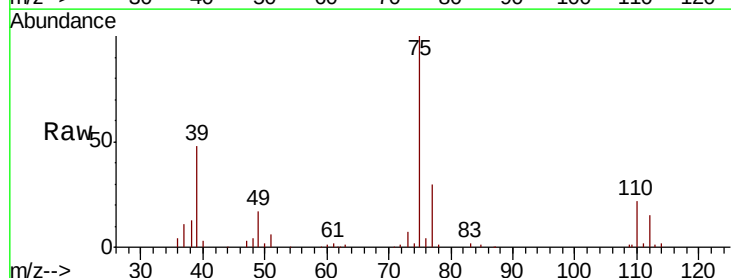
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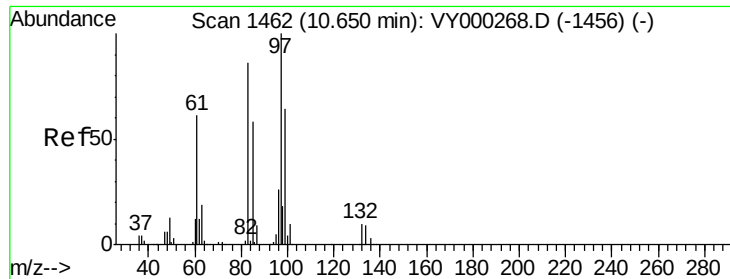
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#54
cis-1,3-Dichloropropene
Concen: 23.963 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 75 Resp: 88781
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0
39 48.3 38.8 58.2





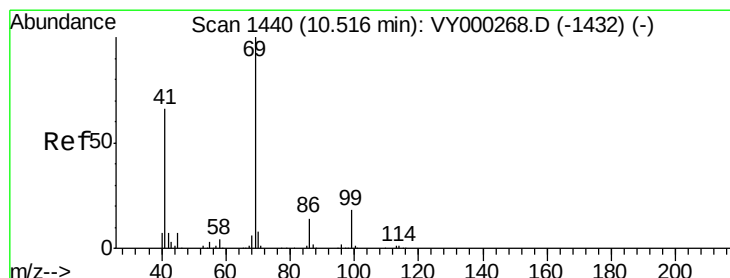
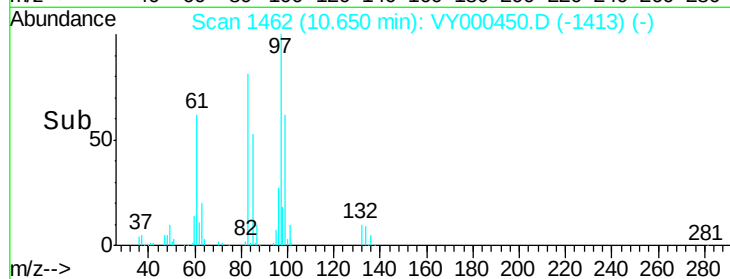
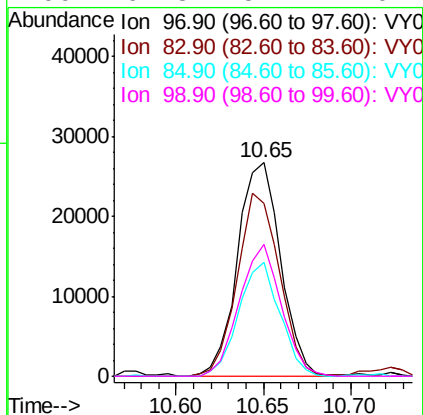
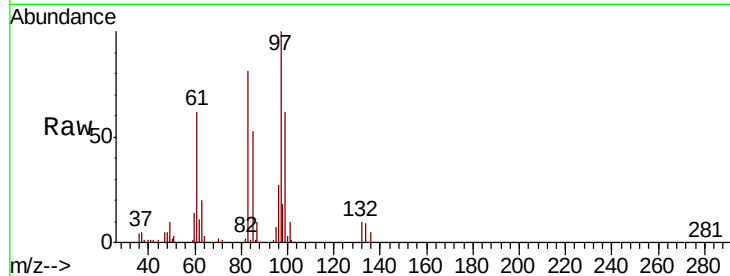
#55
 1,1,2-Trichloroethane
 Concen: 24.378 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion:	97	Resp:	45784
Ion	Ratio	Lower	Upper
97	100		
83	81.0	69.0	103.6
85	53.3	46.2	69.4
99	61.8	51.1	76.7

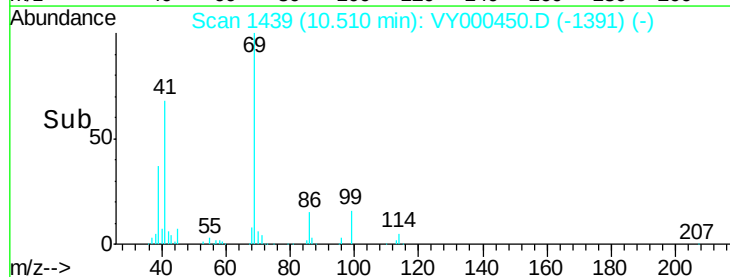
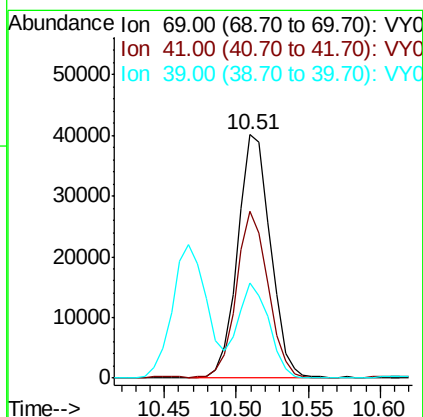
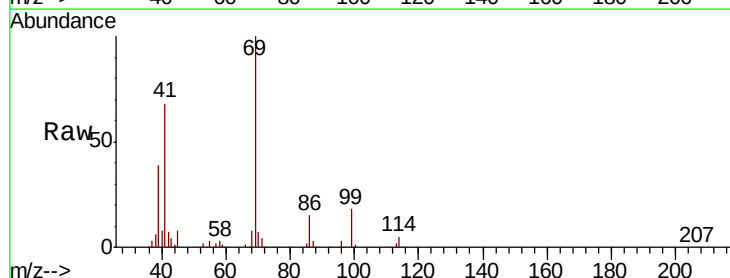
Manual Integrations
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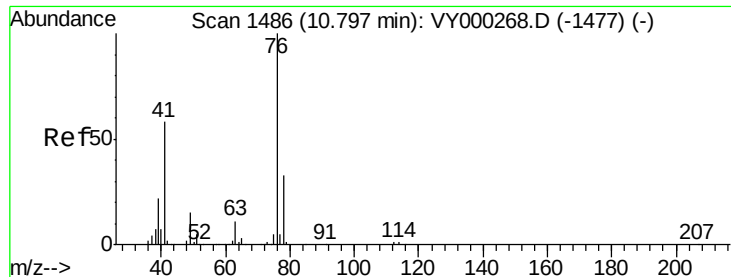
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#56
 Ethyl methacrylate
 Concen: 23.746 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion:	69	Resp:	63568
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.5	78.7
39	36.9	26.7	40.1





#57

1,3-Dichloropropane

Concen: 23.756 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 76 Resp: 76622

Ion Ratio Lower Upper

76 100

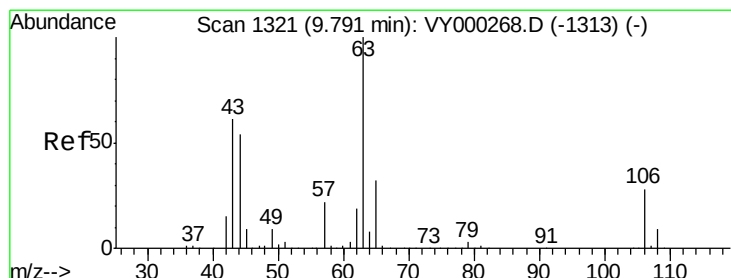
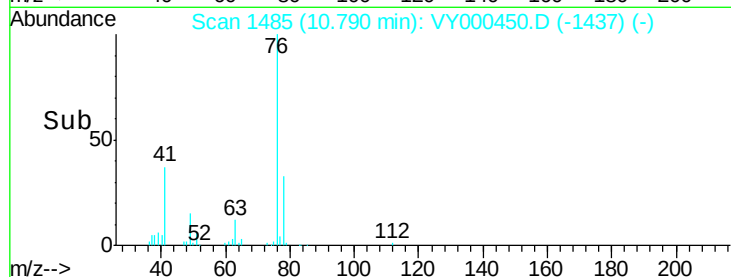
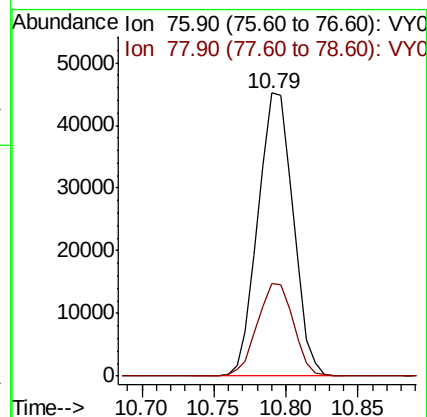
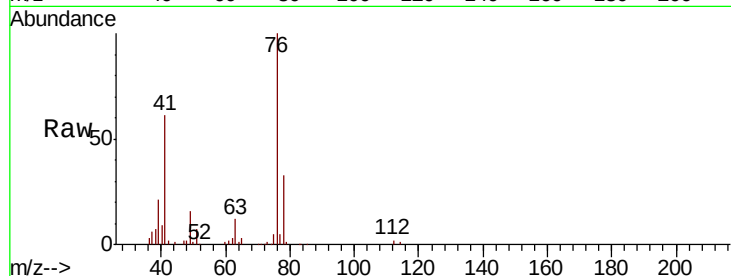
78 33.6 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 139.768 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000450.D

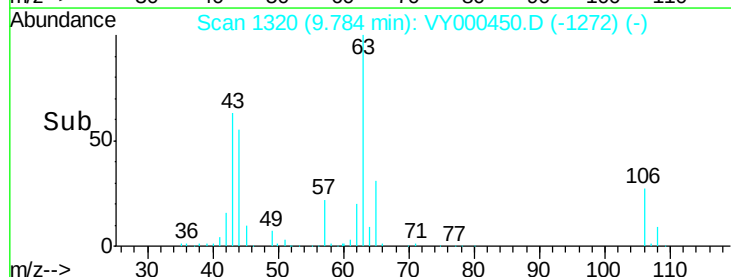
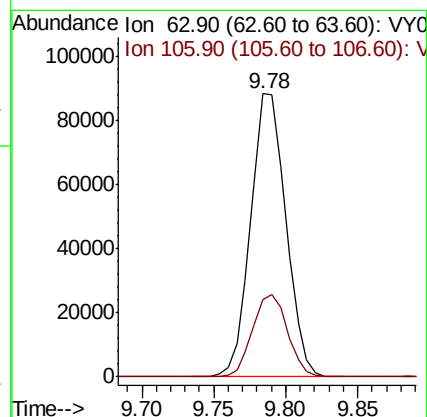
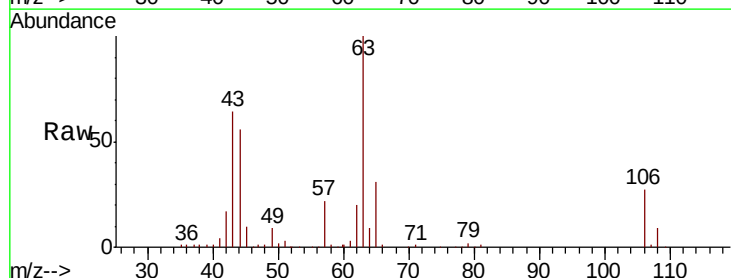
Acq: 28 Oct 2019 13:27

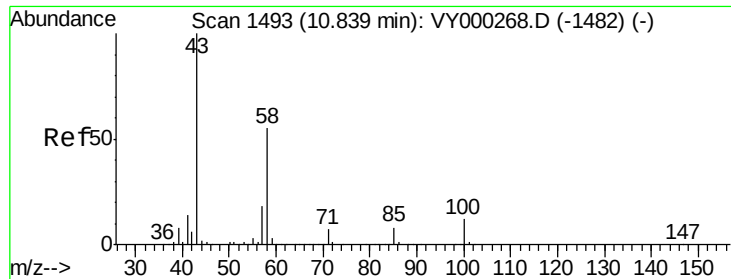
Tgt Ion: 63 Resp: 149238

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.4





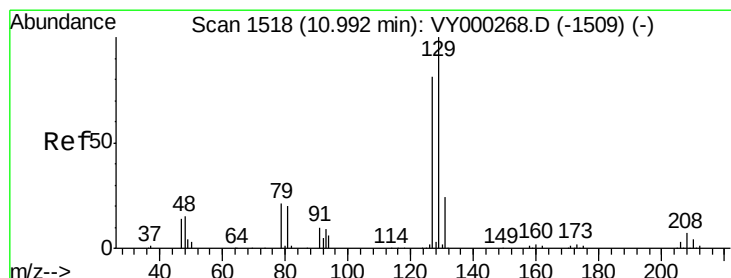
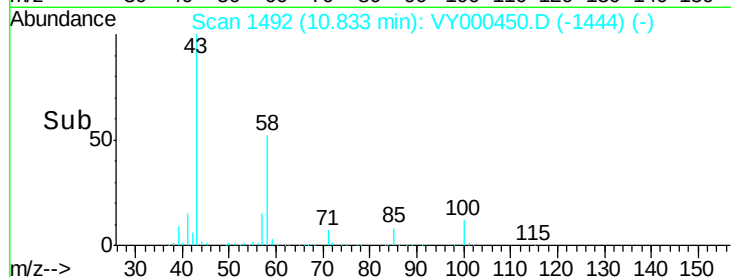
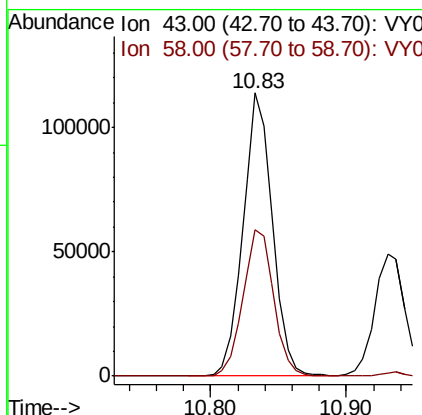
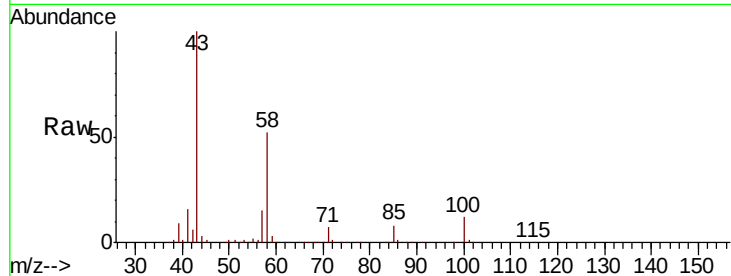
#59
2-Hexanone
Concen: 129.486 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion: 43 Resp: 171960
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1

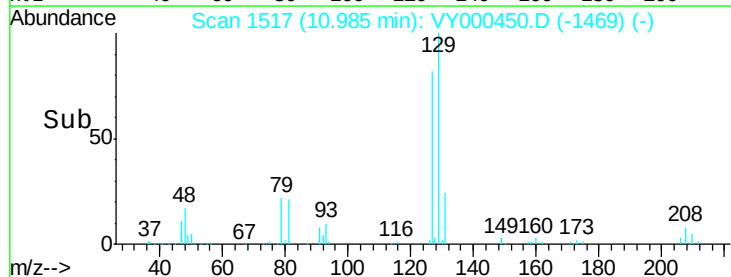
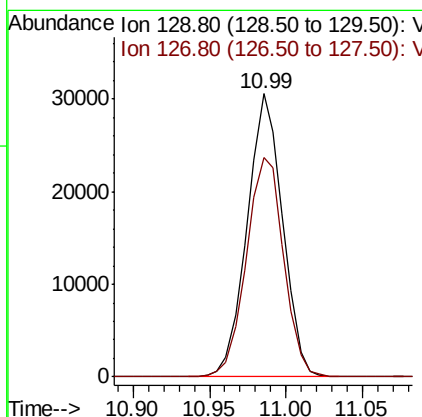
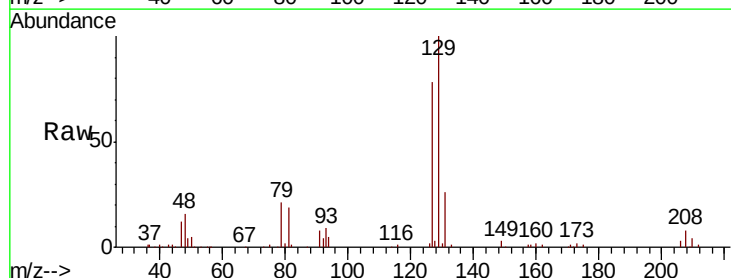
Manual Integrations
APPROVED

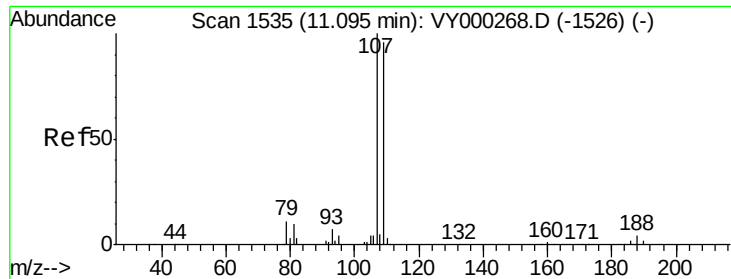
MMDadoda
10/29/2019 2:06:23 PM



#60
Dibromochloromethane
Concen: 23.669 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 129 Resp: 49271
Ion Ratio Lower Upper
129 100
127 81.6 39.9 119.7





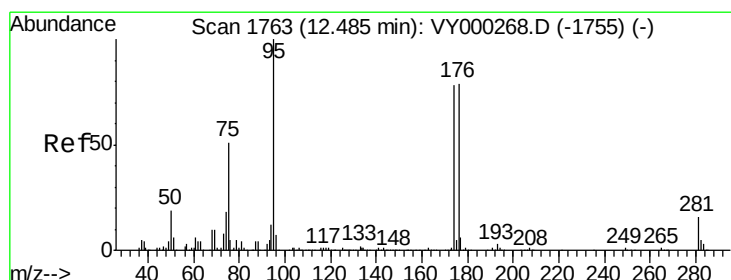
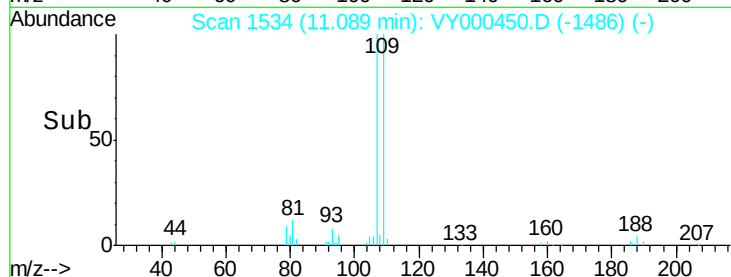
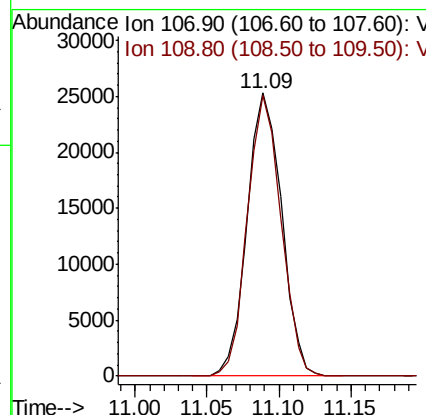
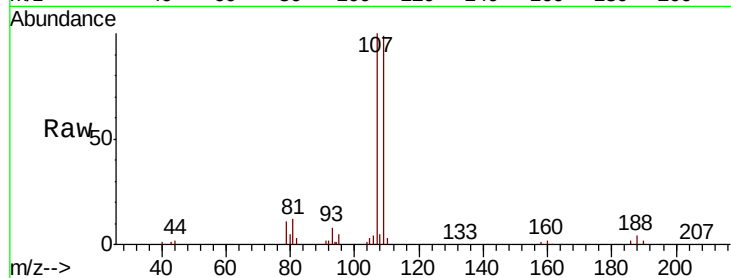
#61
 1,2-Dibromoethane
 Concen: 23.301 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.1	112.7

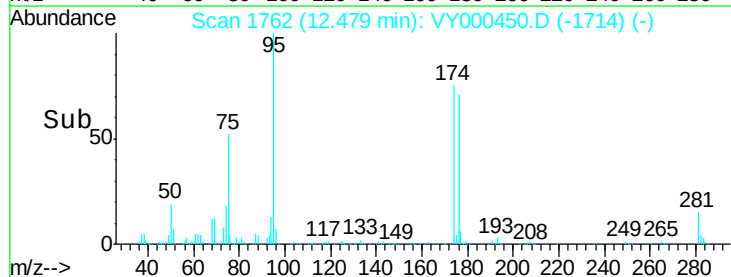
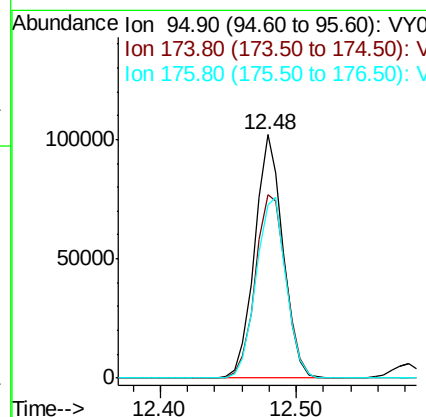
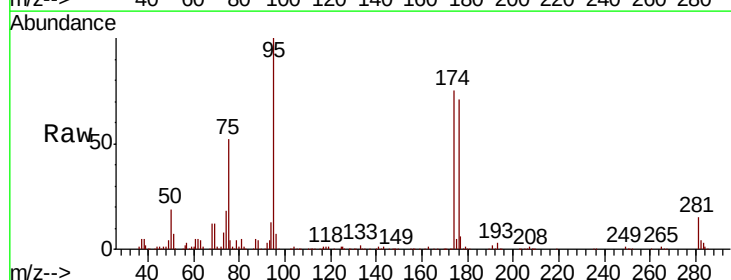
Manual Integrations
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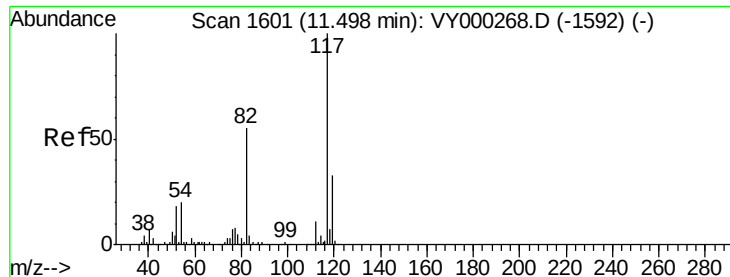
MMDadoda
 10/29/2019 2:06:23 PM



#62
 4-Bromofluorobenzene
 Concen: 50.594 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	159.6
176	79.0	0.0	153.8





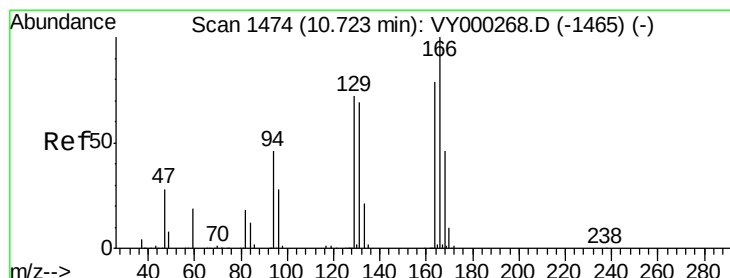
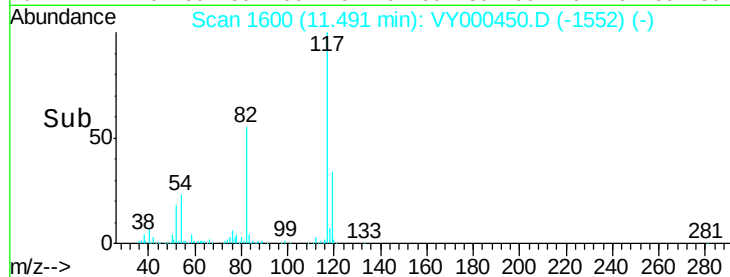
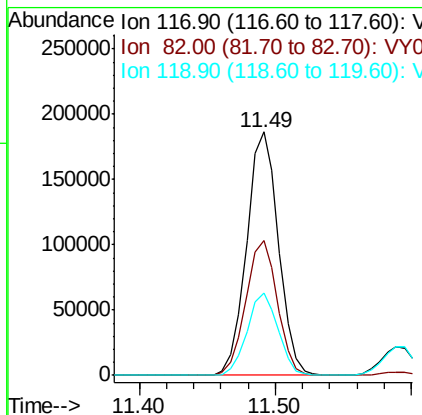
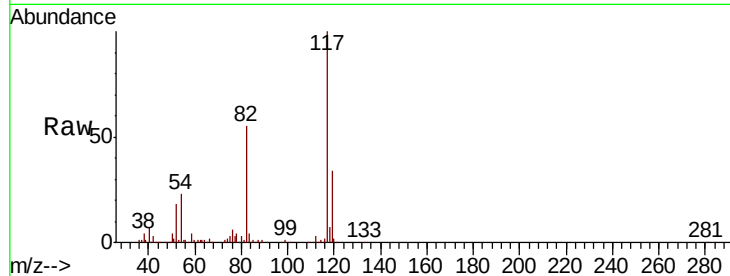
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.7	65.5
119	33.8	26.6	39.8

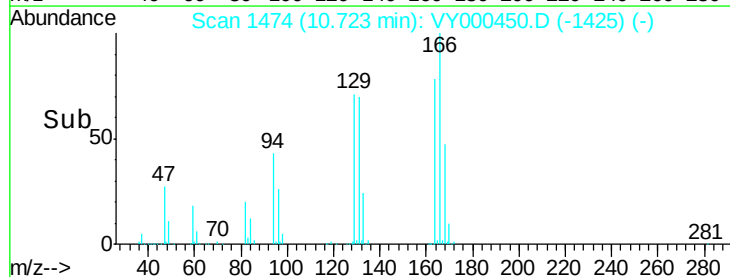
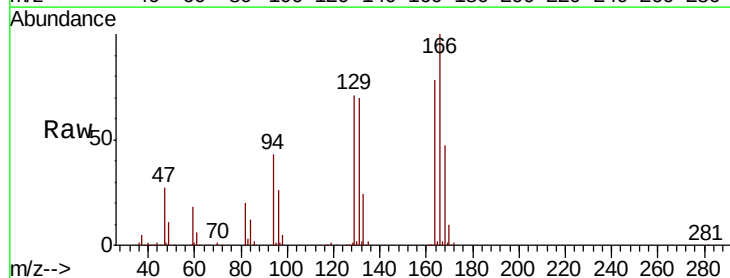
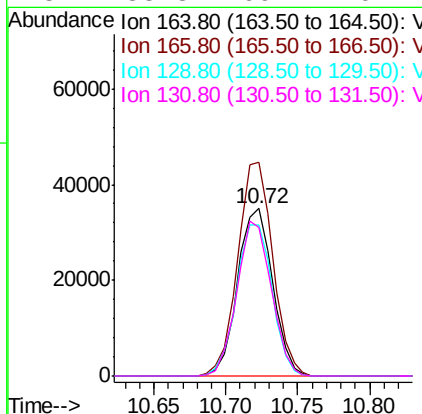
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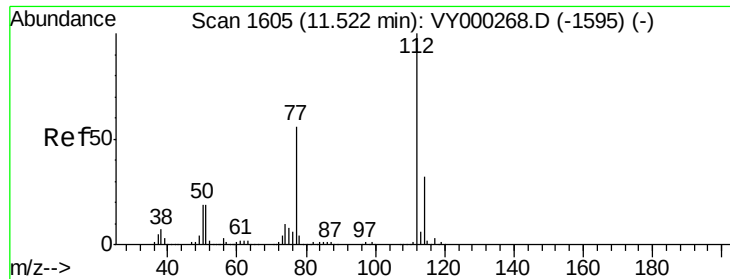
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#64
Tetrachloroethene
Concen: 20.382 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	100.6	151.0
129	90.4	72.8	109.2
131	88.8	69.4	104.2





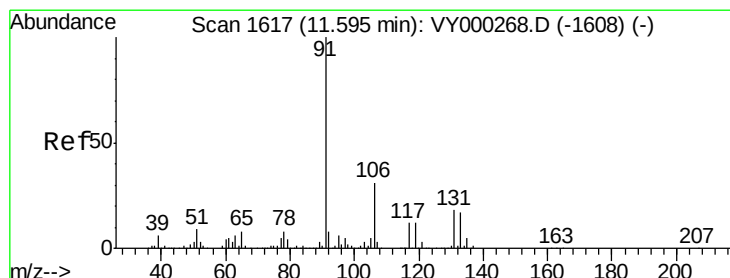
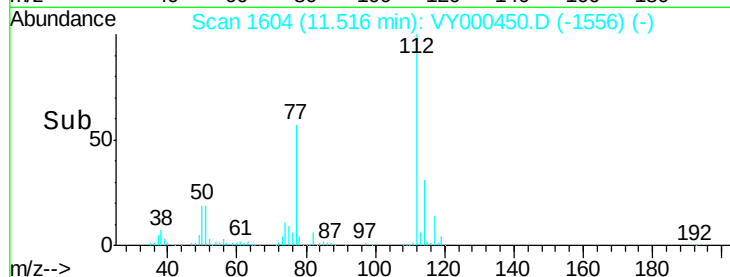
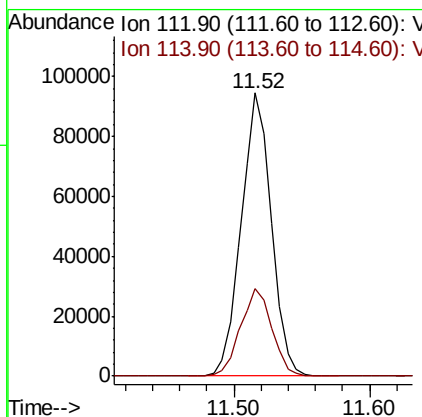
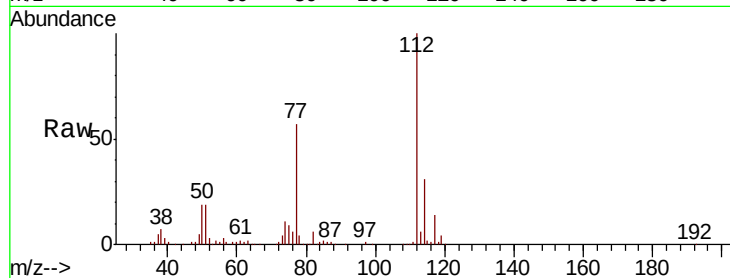
#65
Chlorobenzene
Concen: 22.704 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.7	38.5

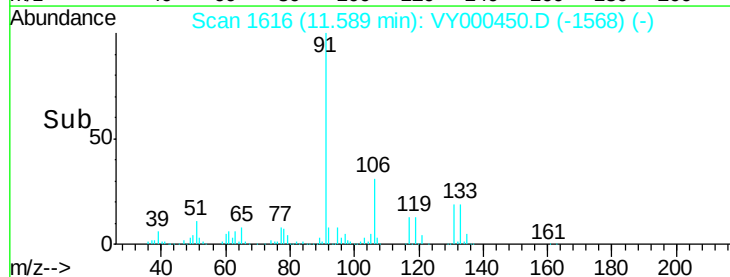
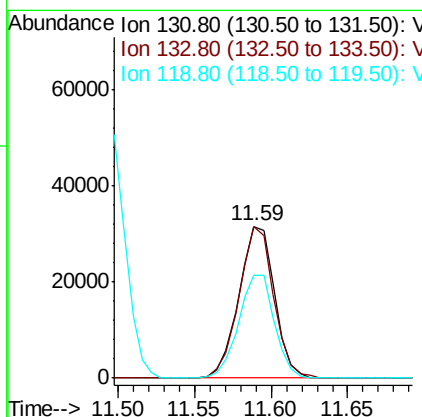
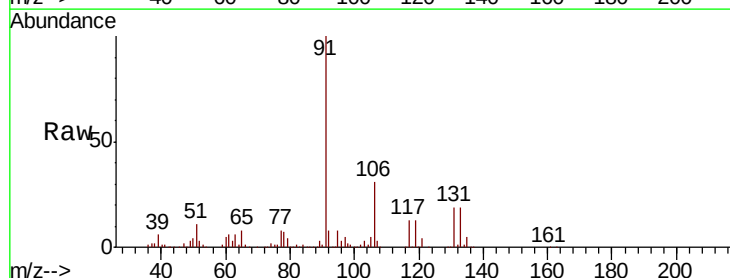
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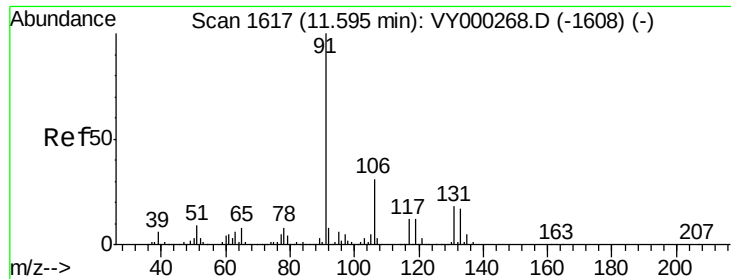
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.531 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.2	141.6
119	68.7	32.6	98.0





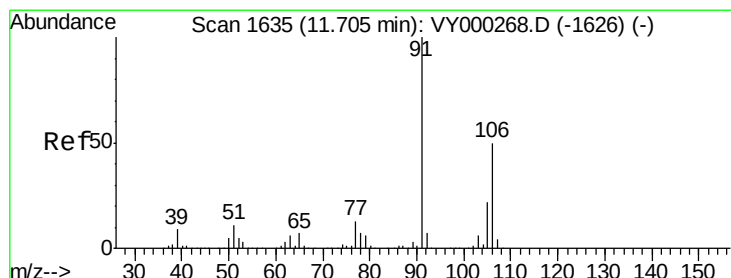
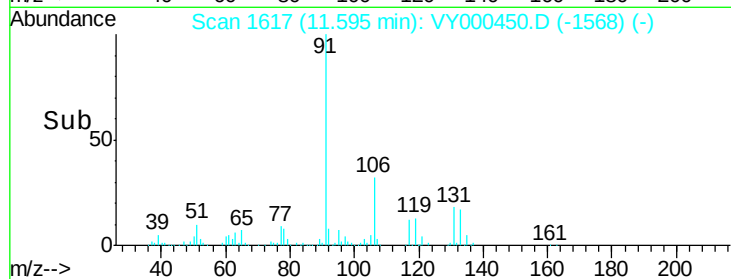
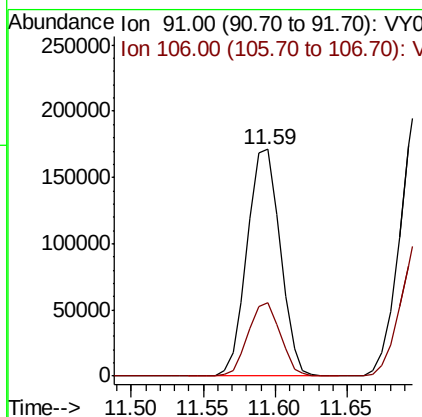
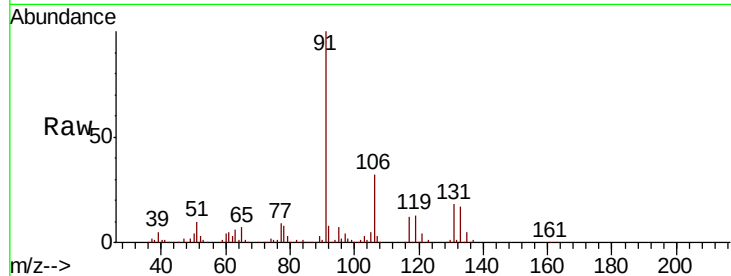
#67
Ethyl Benzene
Concen: 22.866 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.0	37.6

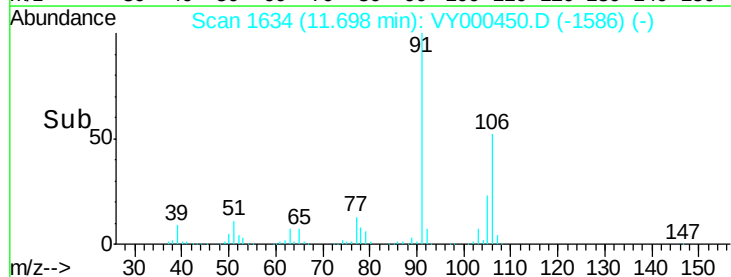
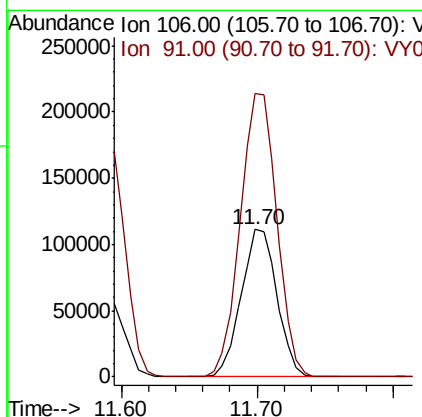
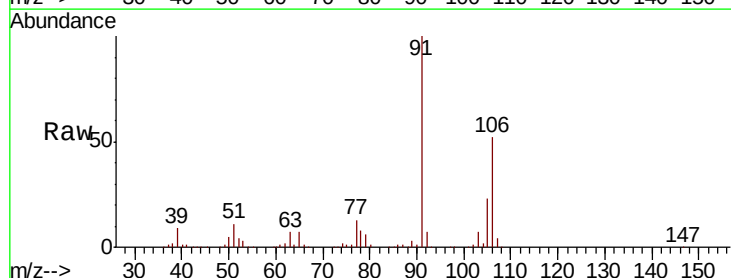
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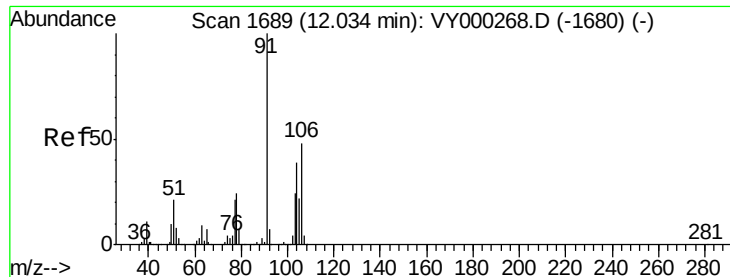
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#68
m/p-Xylenes
Concen: 44.830 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.7	157.5	236.3





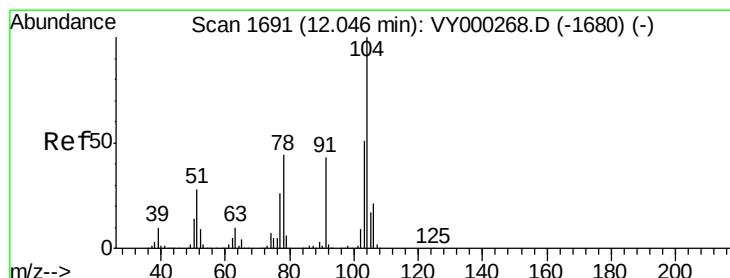
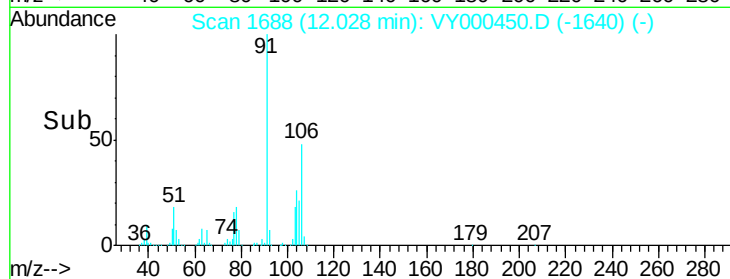
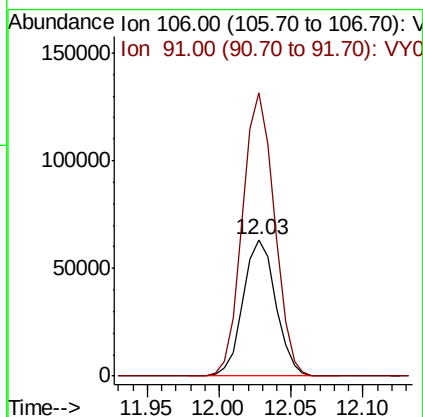
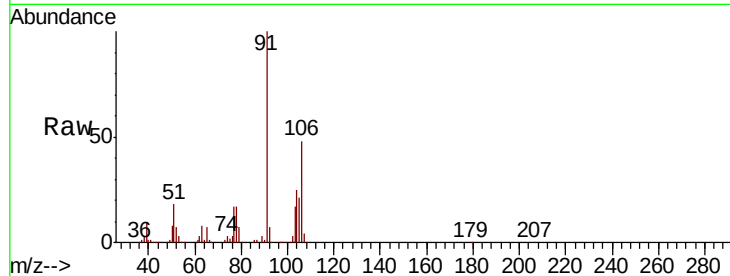
#69
o-Xylene
Concen: 22.885 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.3	104.7	313.9

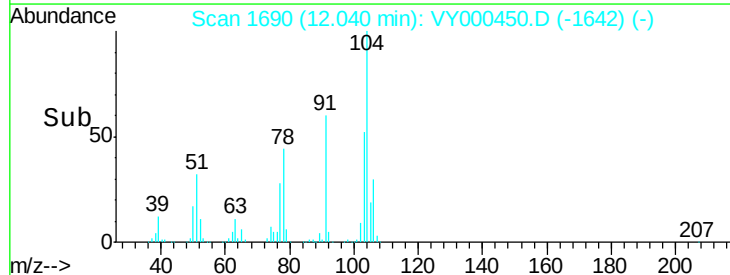
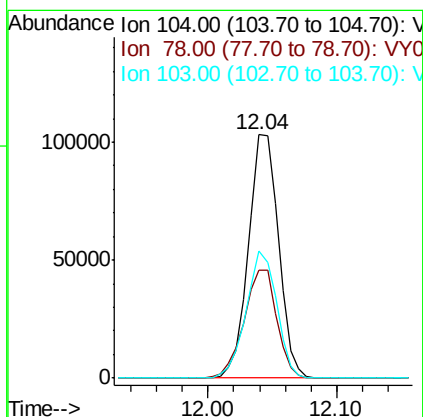
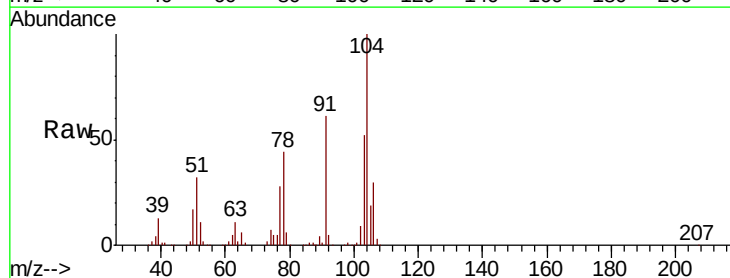
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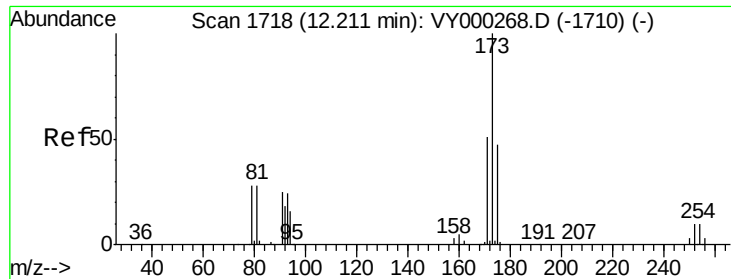
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#70
Styrene
Concen: 22.584 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.6
103	53.2	43.1	64.7





#71

Bromoform

Concen: 23.392 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:173 Resp: 30417

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.6

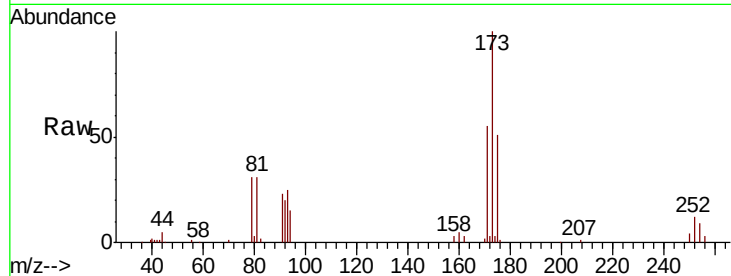
254 0.0 0.1 0.1#

Manual Integrations

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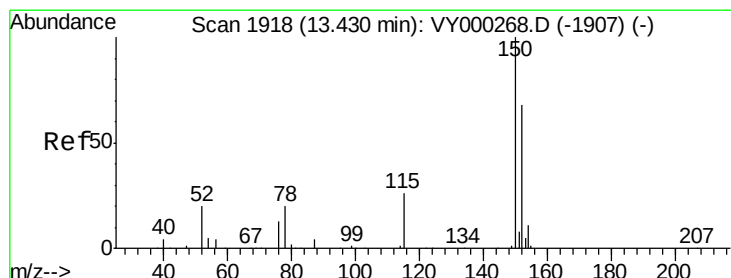
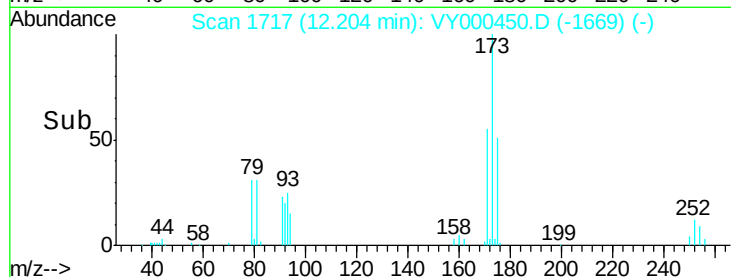
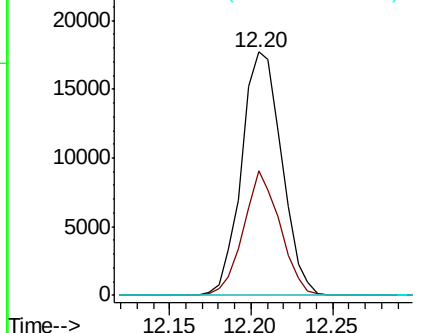
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY000450.D

Acq: 28 Oct 2019 13:27

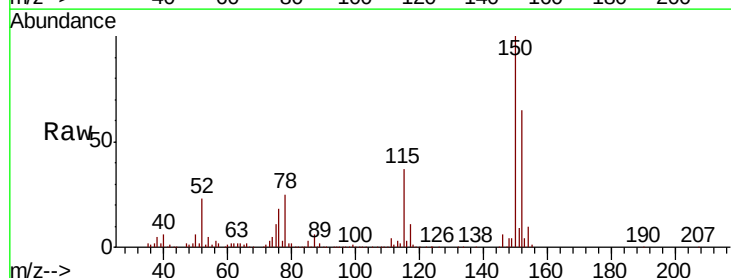
Tgt Ion:152 Resp: 153489

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

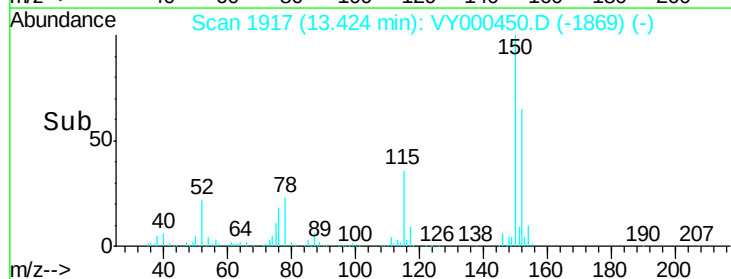
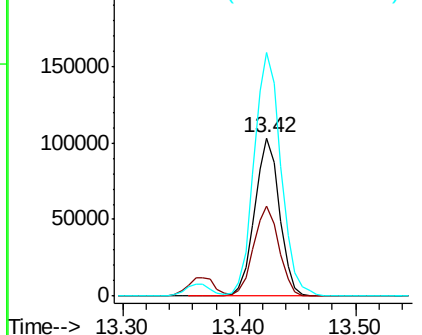
150 166.9 0.0 348.4

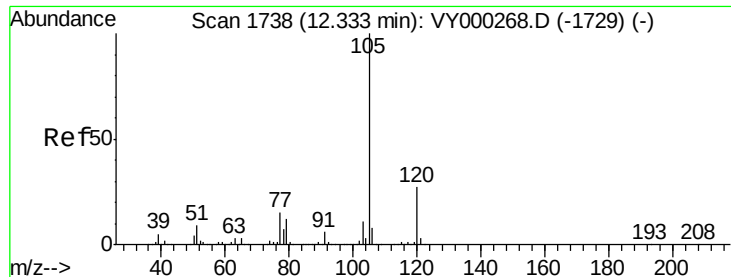


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.766 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 105 Resp: 260499

Ion Ratio Lower Upper

105 100

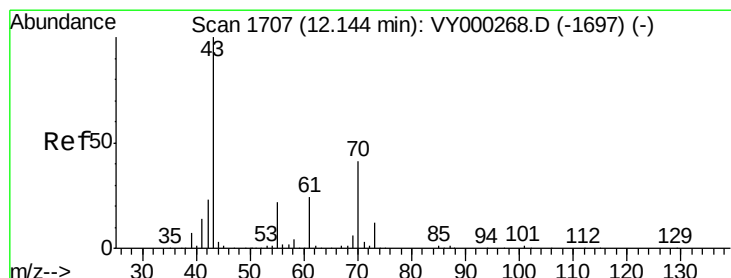
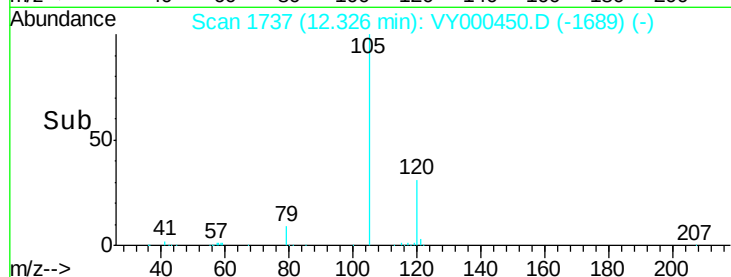
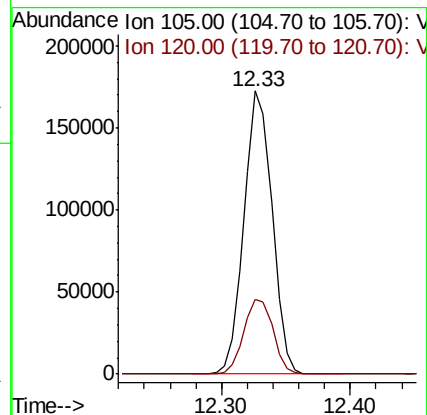
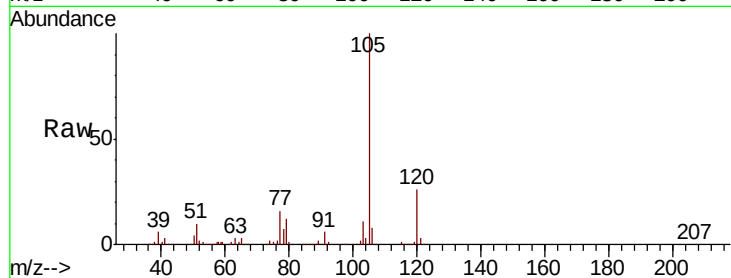
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 25.972 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion: 43 Resp: 76308

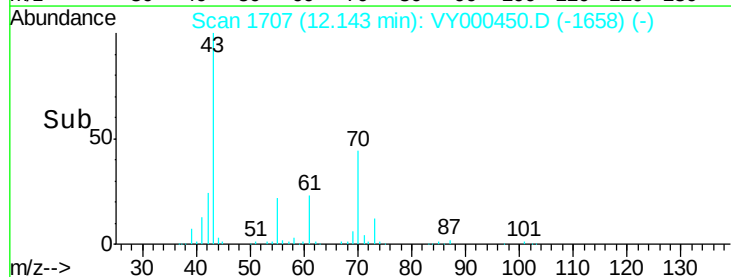
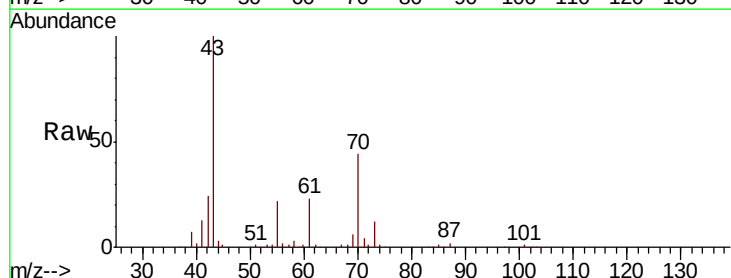
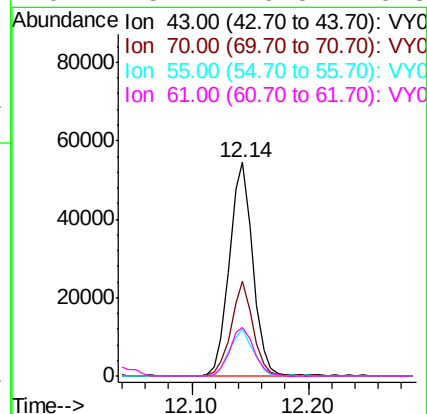
Ion Ratio Lower Upper

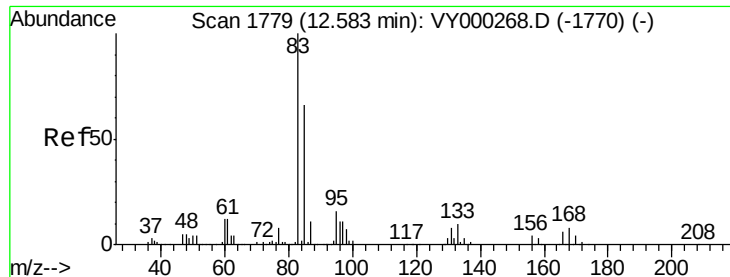
43 100

70 41.6 32.9 49.3

55 22.0 17.8 26.6

61 23.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 24.647 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

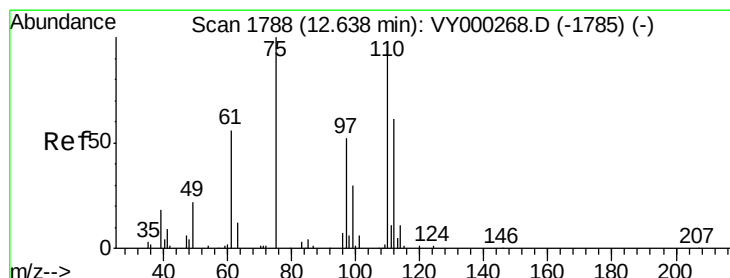
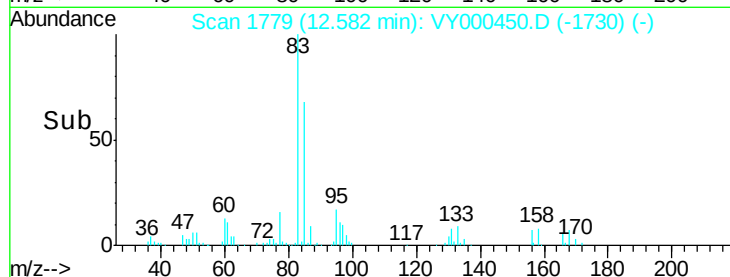
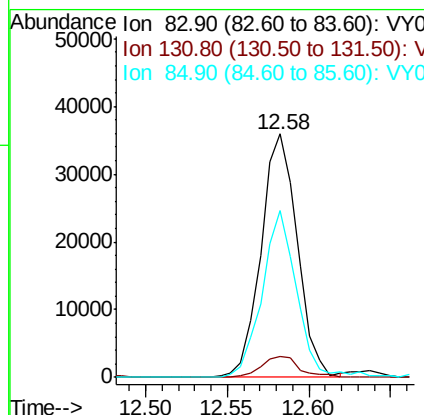
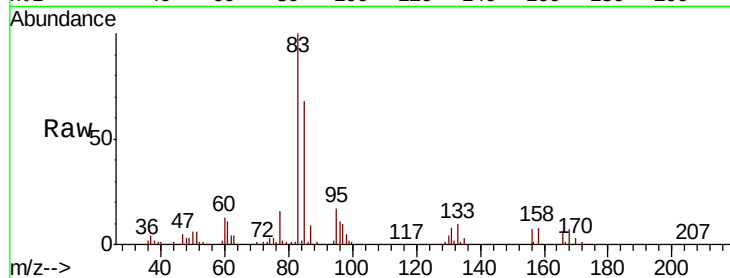
ClientSampleId :

VY1028SBS01

Tot Ion:	83	Resp:	55383
Ion Ratio	Lower	Upper	
83	100		
131	9.1	5.3	16.1
85	65.8	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.642 ug/l m

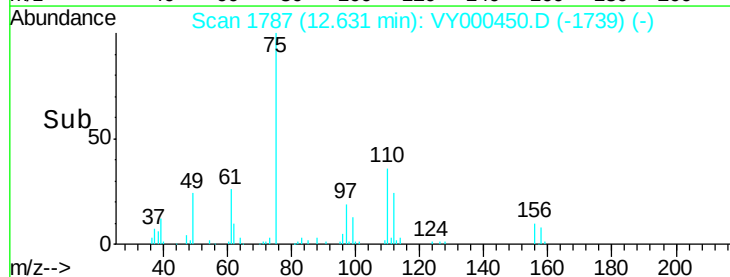
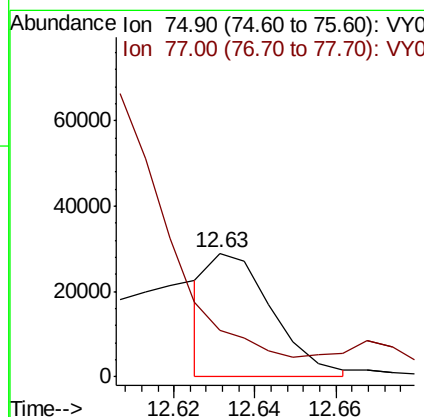
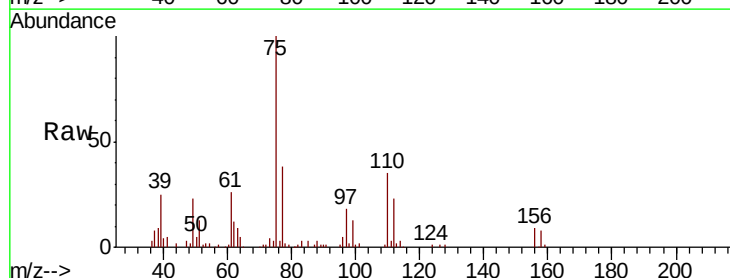
RT: 12.63 min Scan# 1787

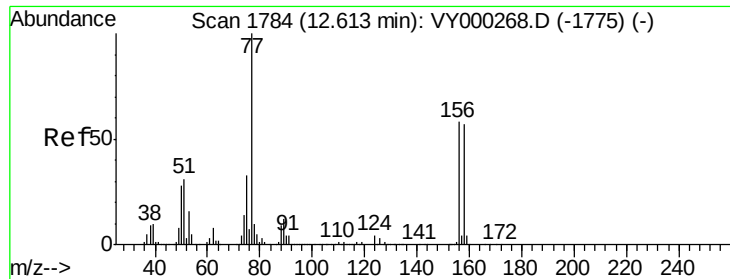
Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion:	75	Resp:	31410
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





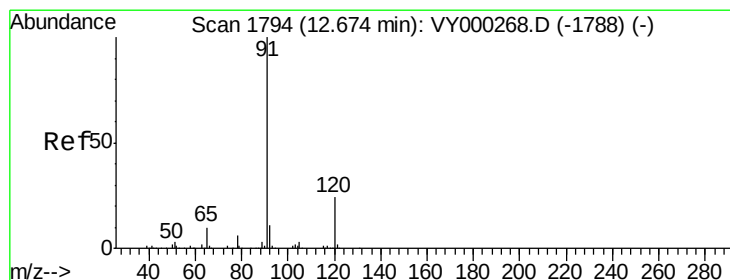
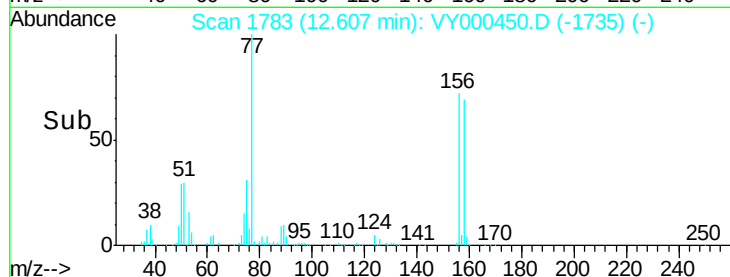
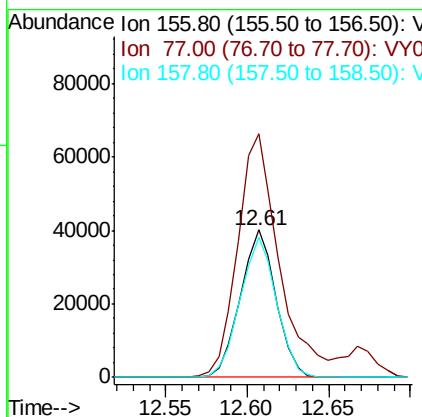
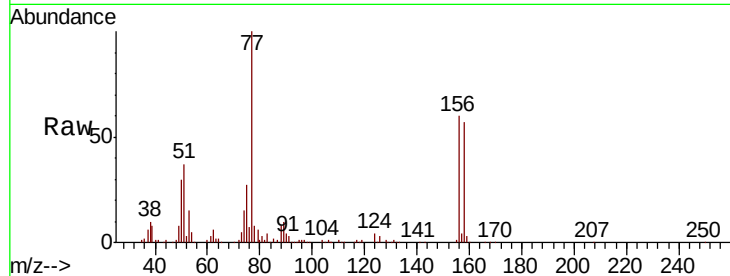
#77
Bromobenzene
Concen: 22.899 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	192.5	101.0	302.9	
158	97.1	49.7	149.1	

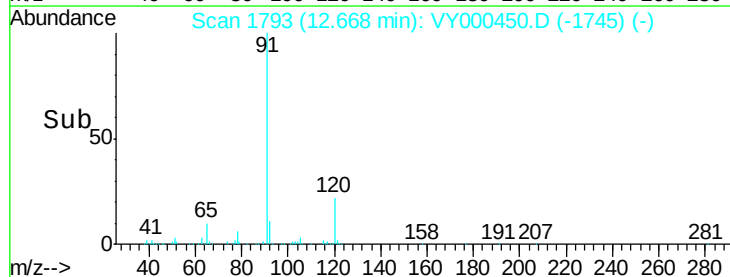
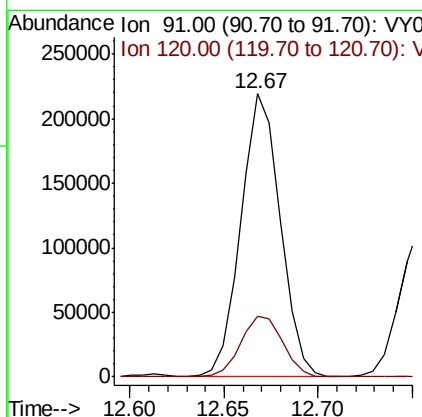
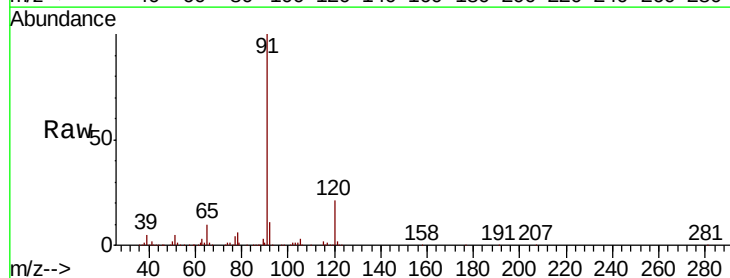
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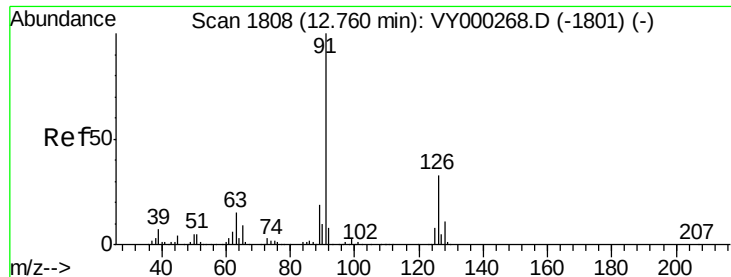
MMDadoda
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#78
n-propylbenzene
Concen: 22.098 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.5	34.5	





#79

2-Chlorotoluene

Concen: 22.514 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion: 91 Resp: 178664

Ion Ratio Lower Upper

91 100

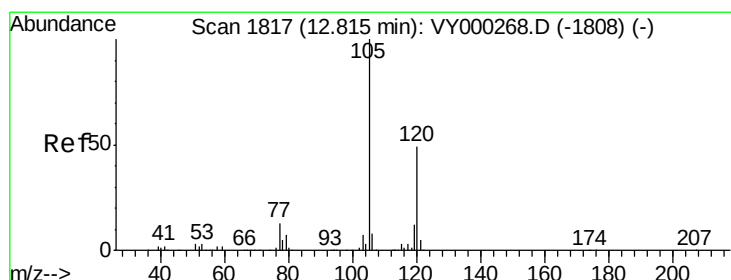
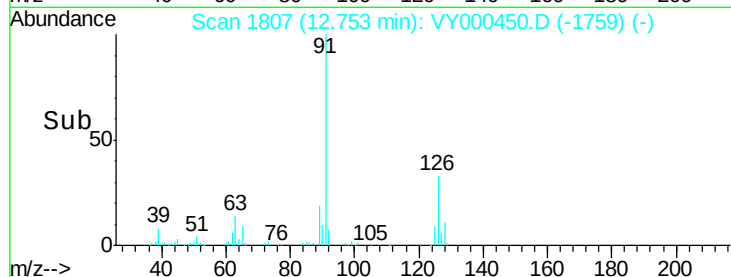
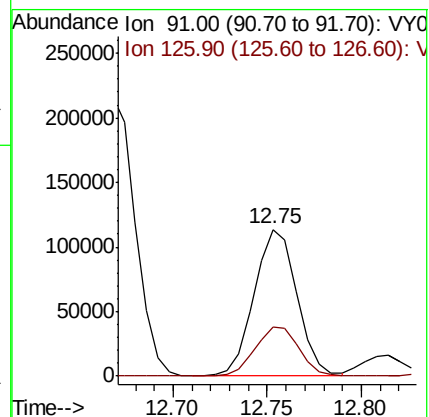
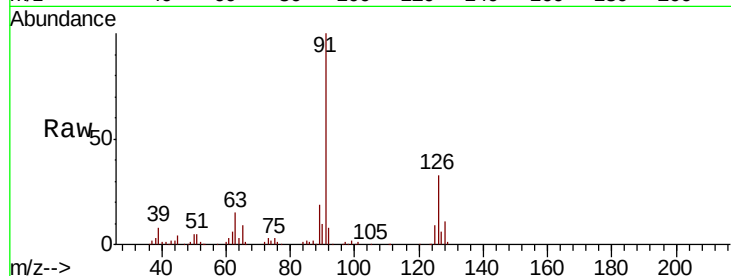
126 34.2 17.1 51.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.238 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000450.D

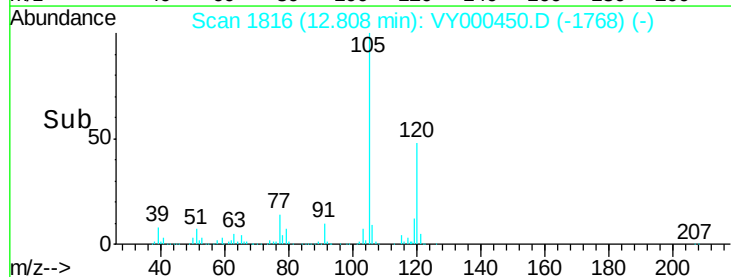
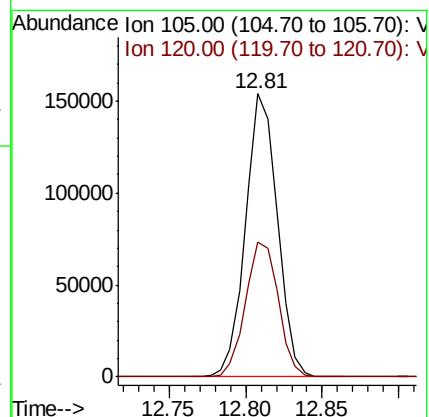
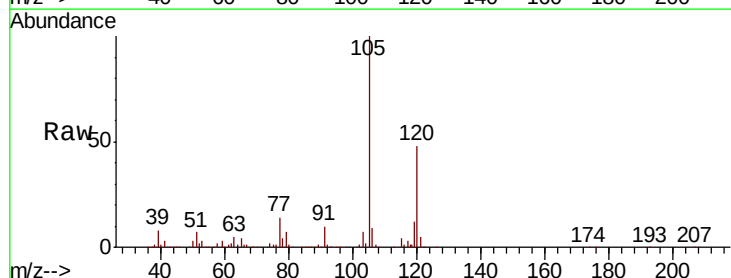
Acq: 28 Oct 2019 13:27

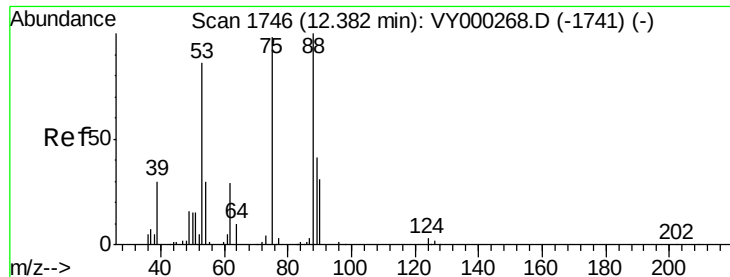
Tgt Ion: 105 Resp: 223166

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8





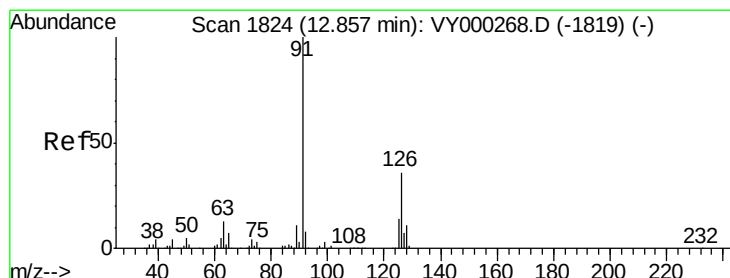
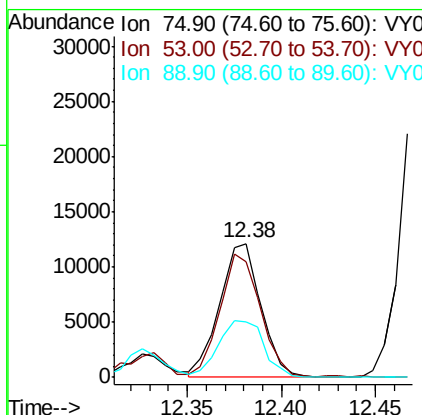
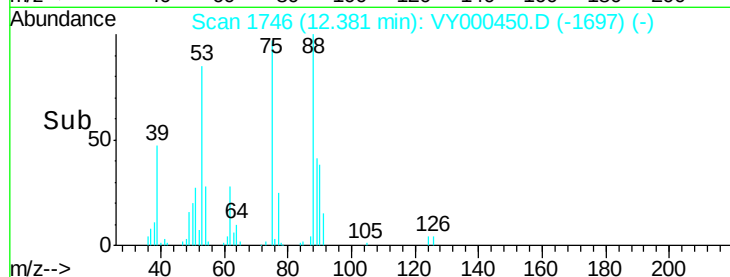
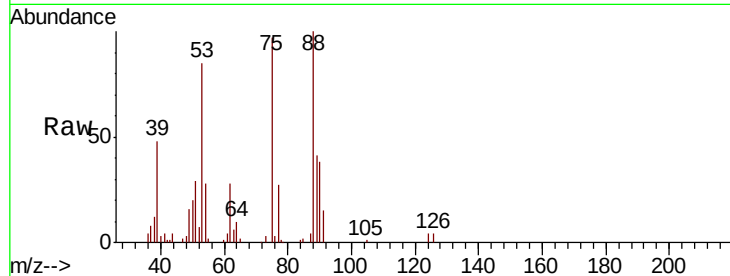
#81
trans-1,4-Dichloro-2-butene
Concen: 21.372 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.1	71.3	106.9
89	46.1	35.1	52.7

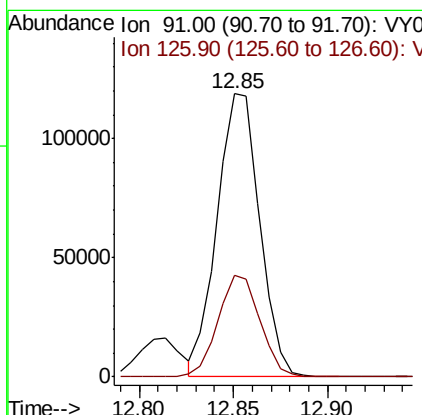
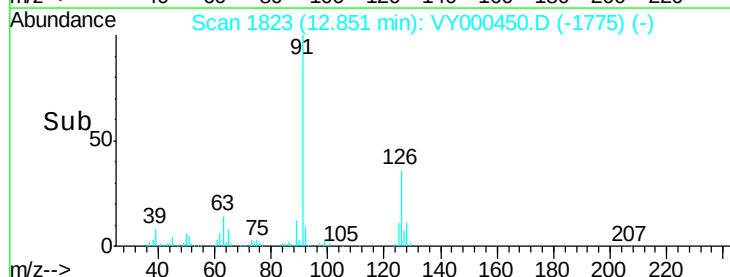
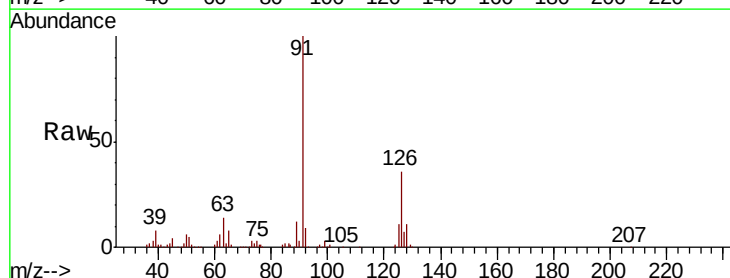
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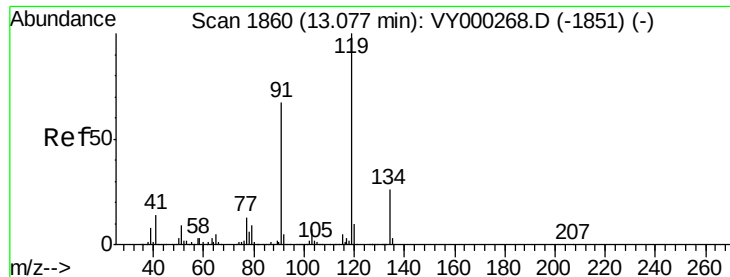
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#82
4-Chlorotoluene
Concen: 22.214 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.2	51.5





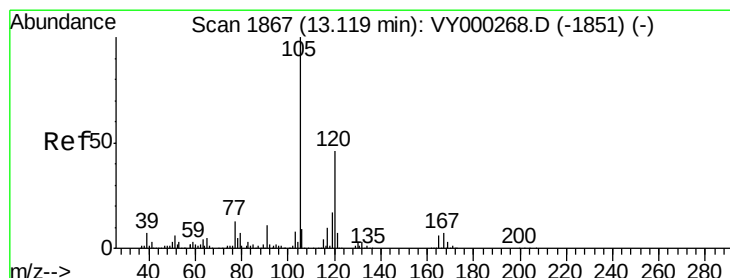
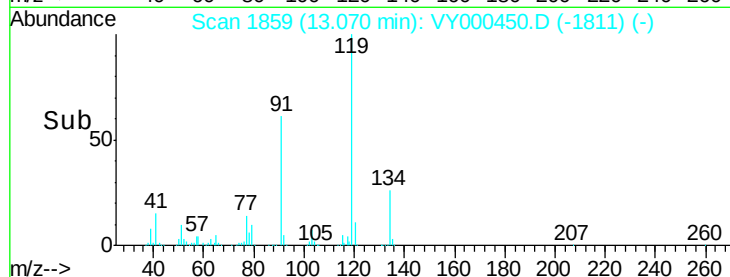
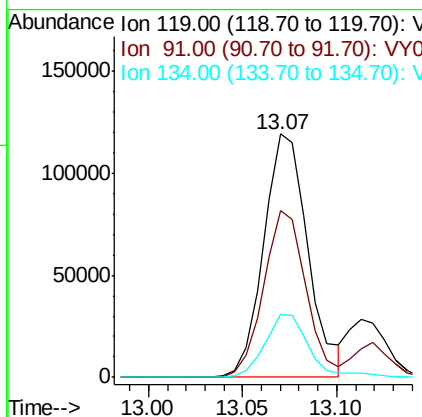
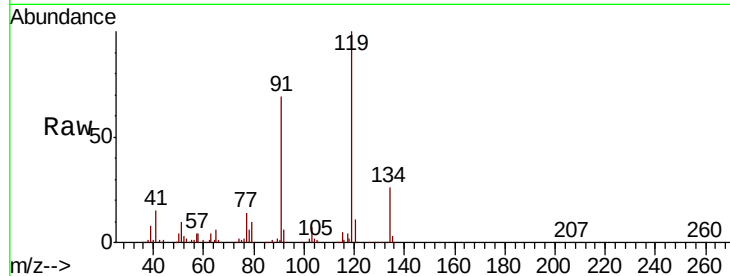
#83
 tert-Butylbenzene
 Concen: 22.829 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.9	98.7
134	26.0	13.3	39.8

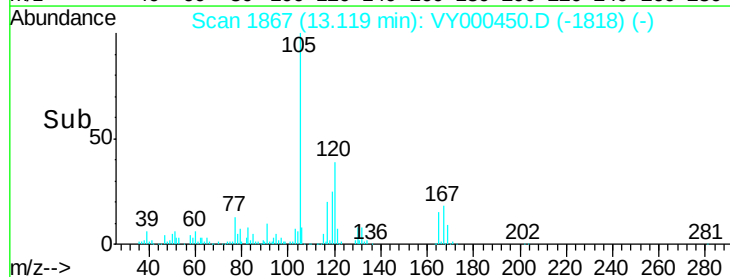
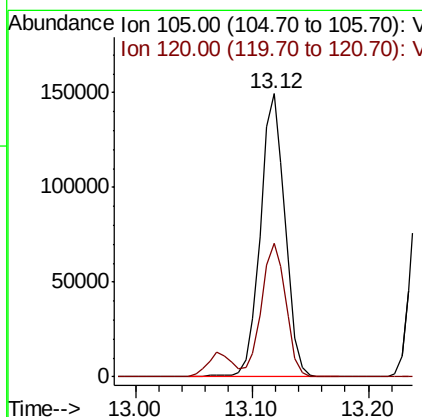
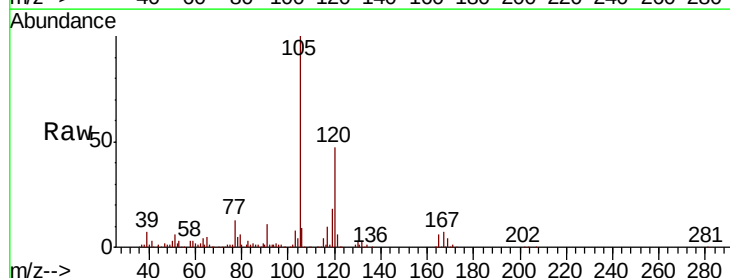
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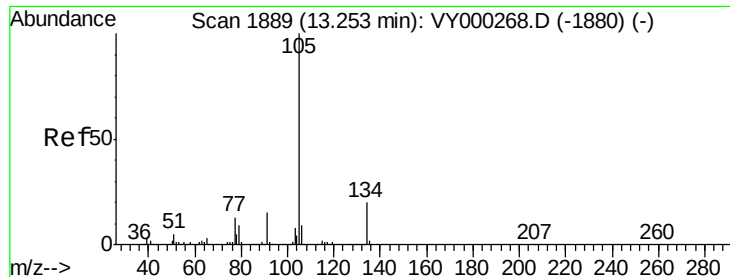
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.289 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.9	68.8





#85

sec-Butylbenzene

Concen: 22.356 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tot Ion:105 Resp: 274845

Ion Ratio Lower Upper

105 100

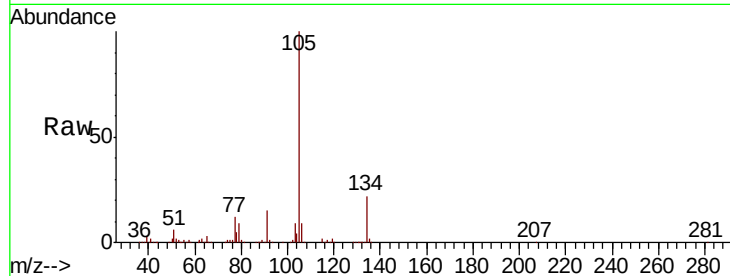
134 19.9 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

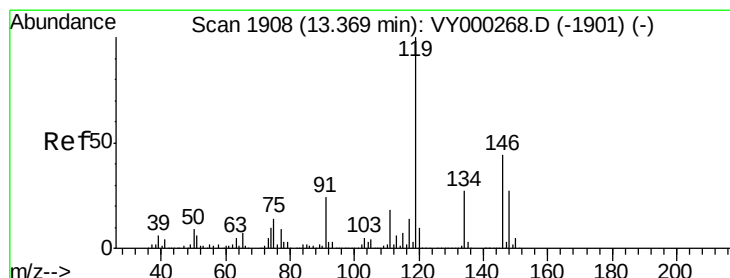
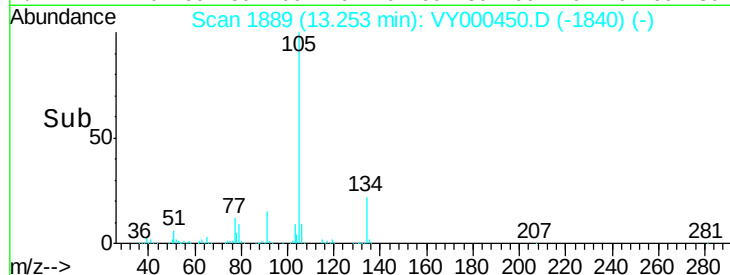
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.790 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

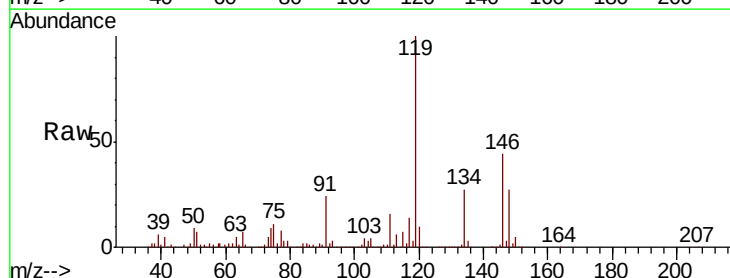
Tgt Ion:119 Resp: 244272

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 23.6 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

13.37

200000

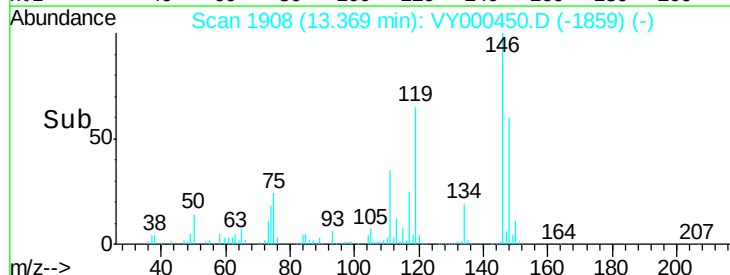
150000

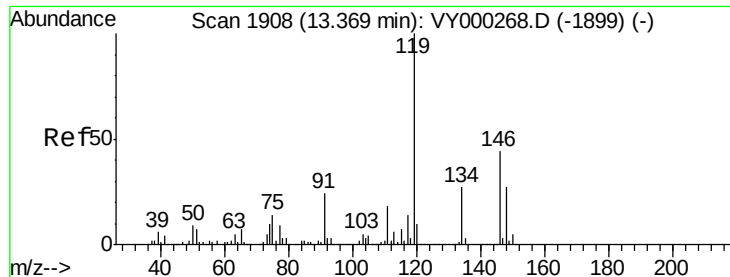
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.937 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

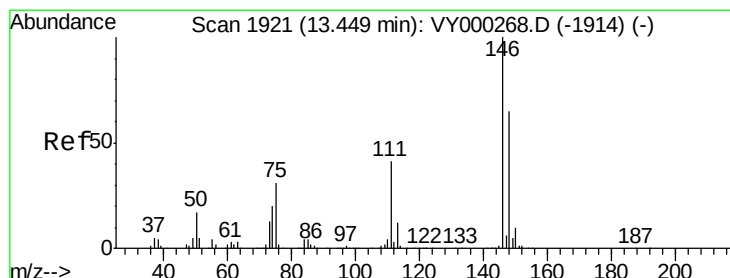
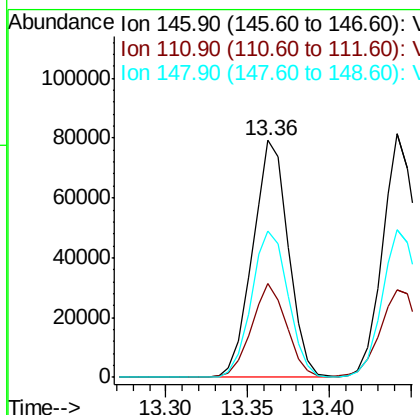
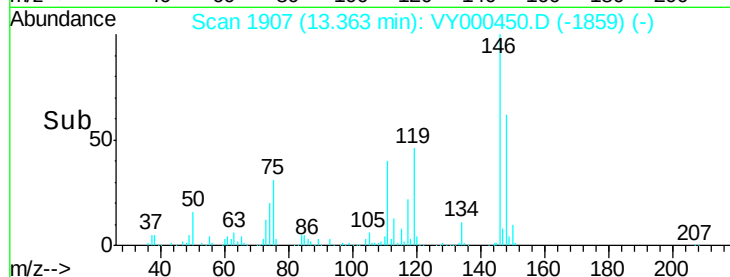
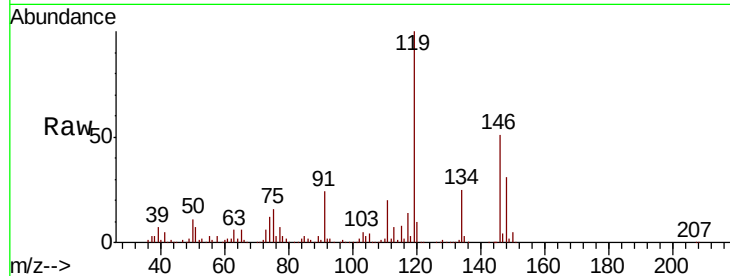
ClientSampleId :

VY1028SBS01

Tot Ion:	146	Resp:	120352
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.6	61.8
148	63.5	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 23.158 ug/l

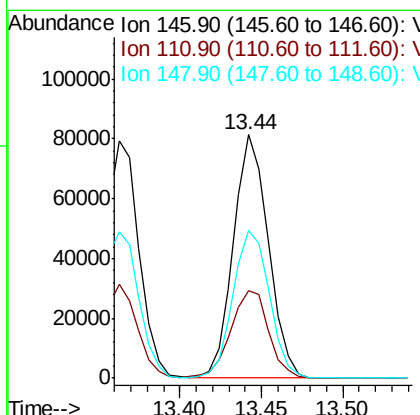
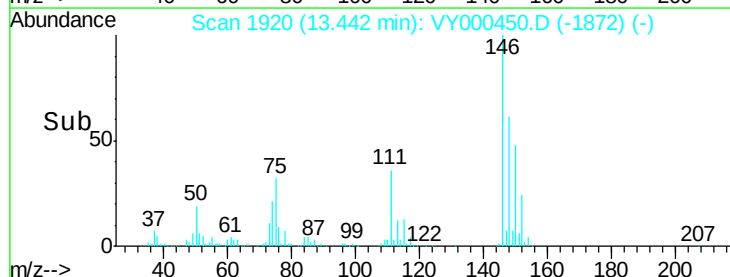
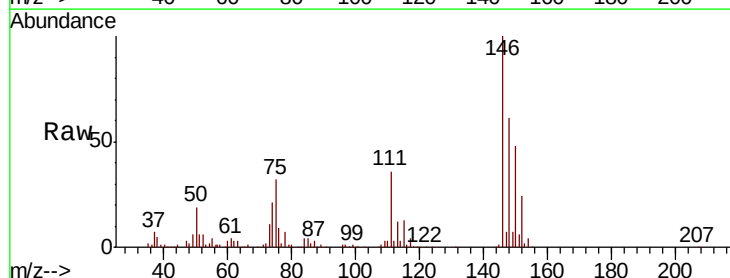
RT: 13.44 min Scan# 1920

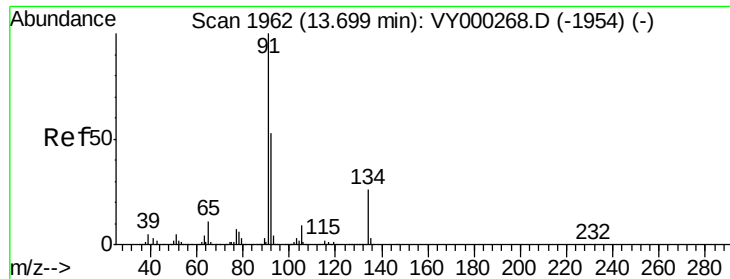
Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion:	146	Resp:	121457
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.1	60.2
148	63.1	32.4	97.2





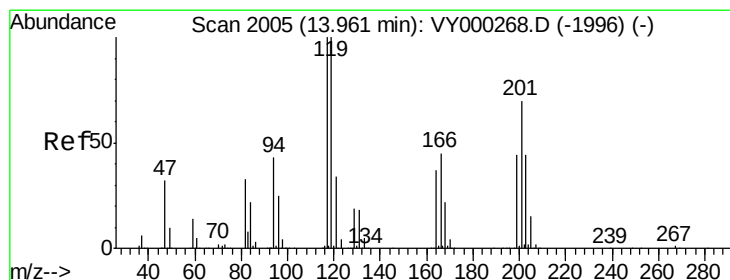
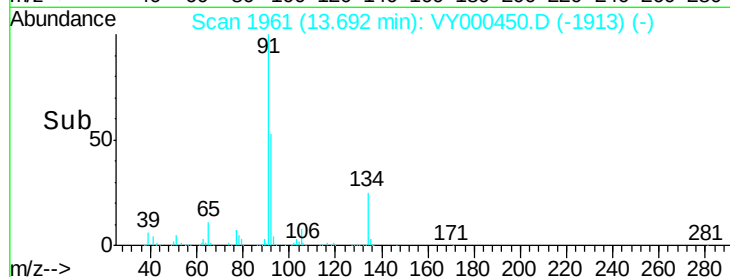
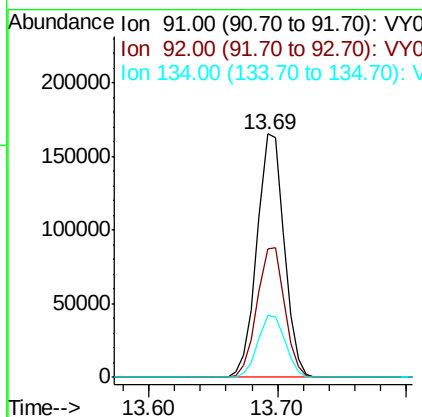
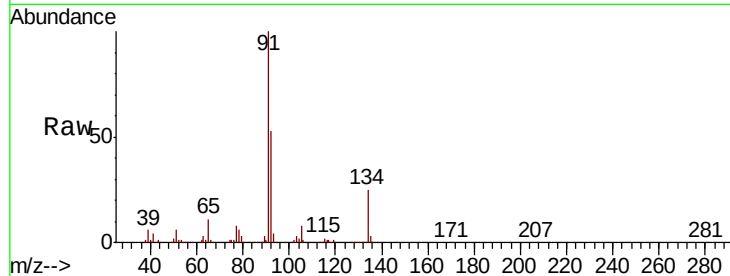
#89
n-Butylbenzene
Concen: 22.735 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.1
134	25.6	13.0	38.9

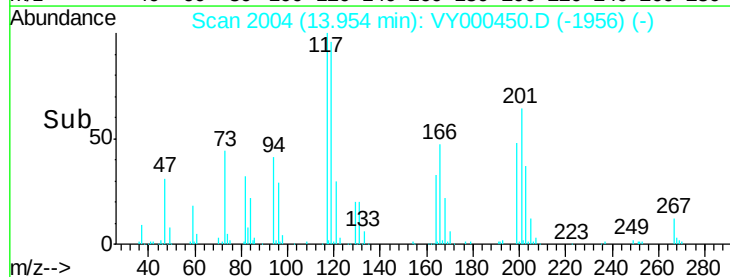
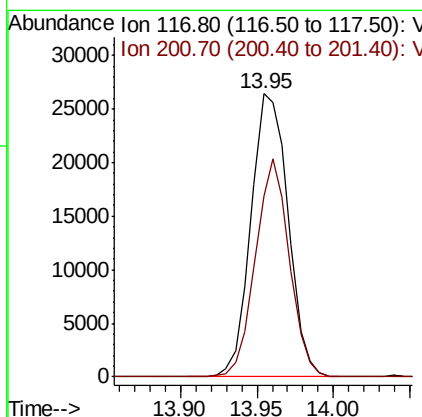
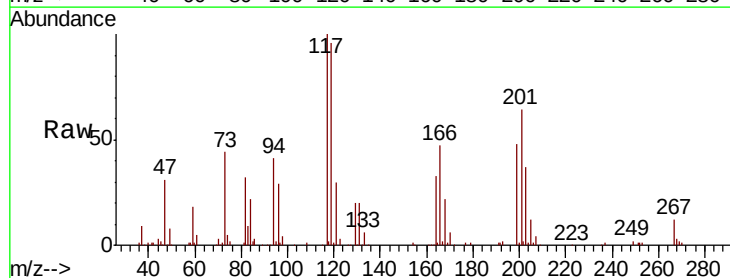
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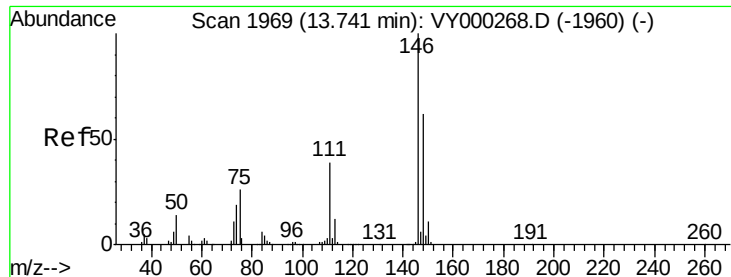
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#90
Hexachloroethane
Concen: 22.522 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.4	36.3	108.7





#91

1,2-Dichlorobenzene

Concen: 22.805 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

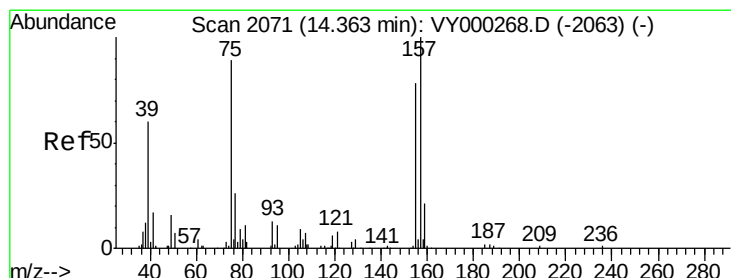
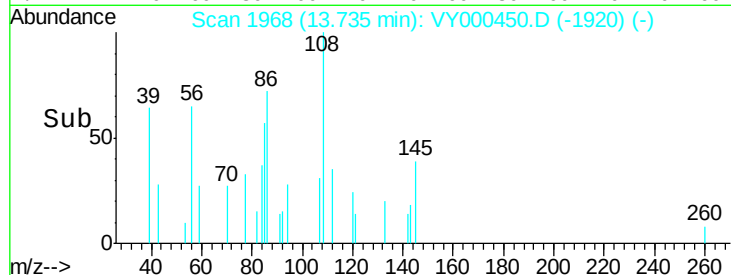
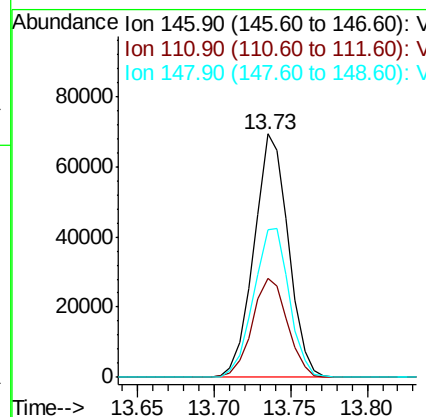
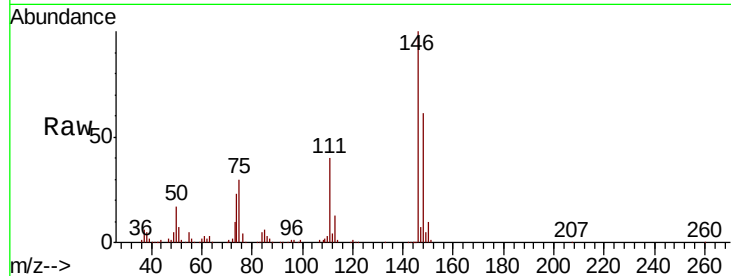
ClientSampleId :

VY1028SBS01

Tot Ion:	146	Resp:	108291
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.5	61.5
148	63.5	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.810 ug/l

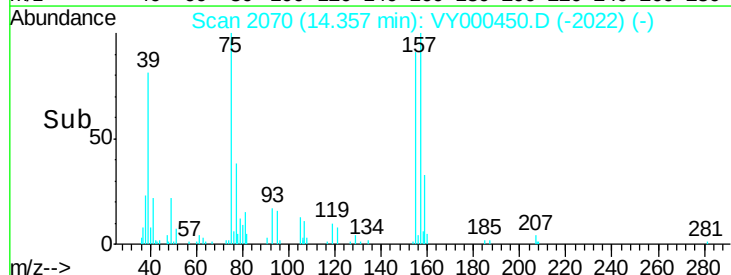
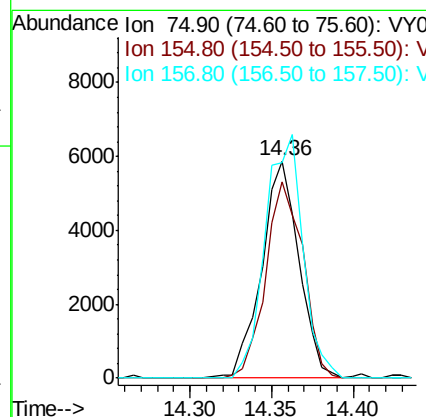
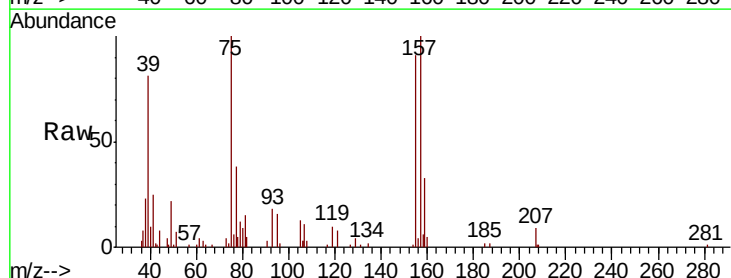
RT: 14.36 min Scan# 2070

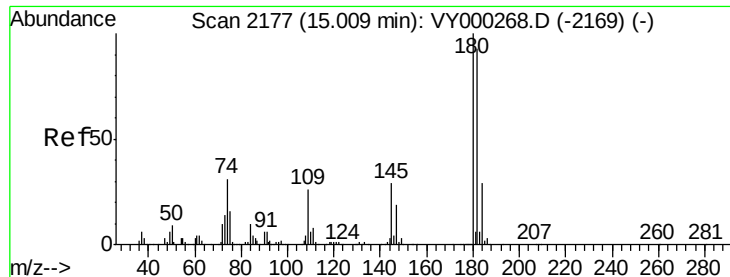
Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion:	75	Resp:	9295
Ion Ratio	Lower	Upper	
75	100		
155	90.2	45.8	137.3
157	112.9	55.6	166.9





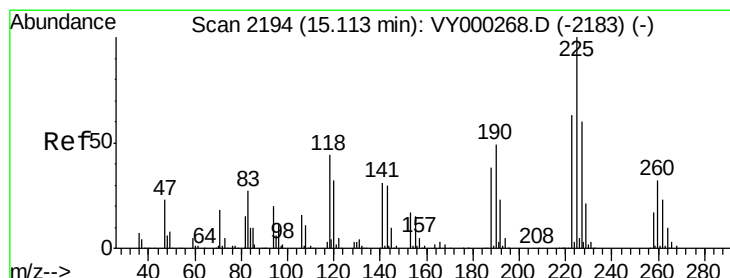
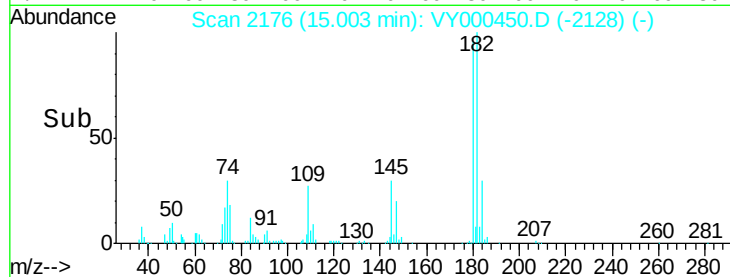
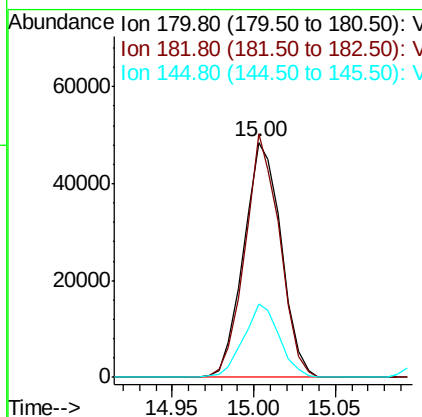
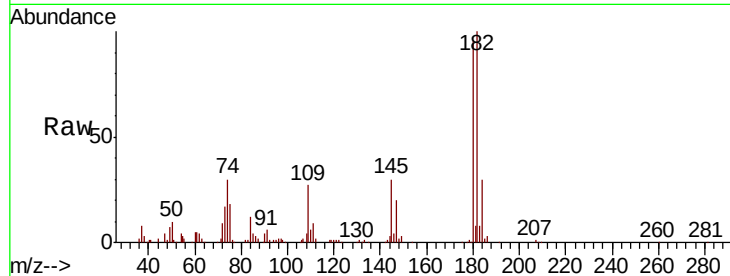
#93
 1,2,4-Trichlorobenzene
 Concen: 23.346 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77185		
182	96.4	47.5	142.6	
145	30.1	15.4	46.1	

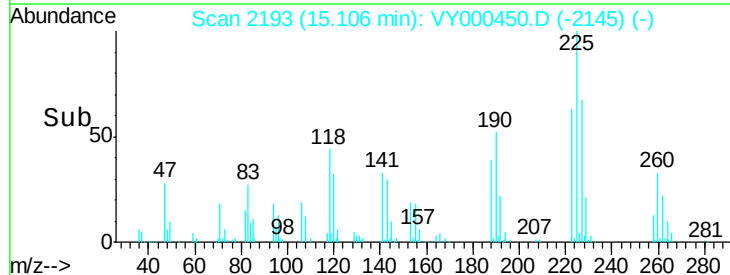
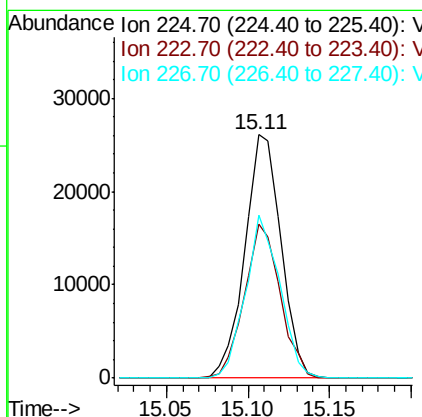
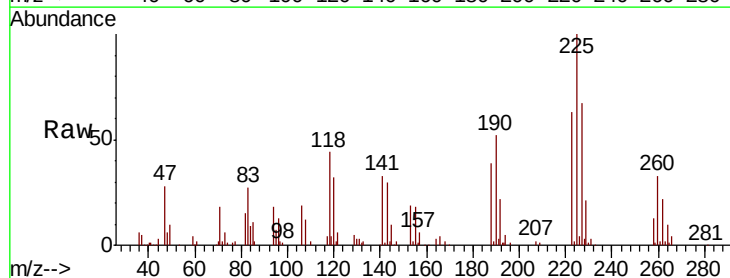
Manual Integrations
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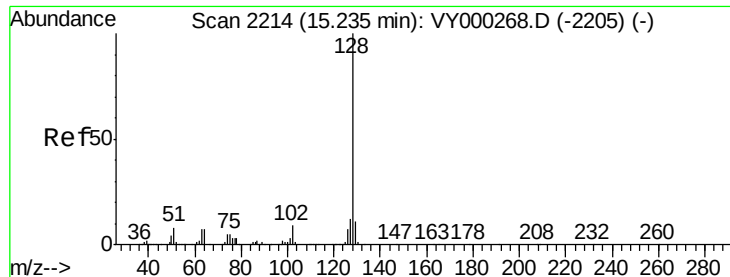
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#94
 Hexachlorobutadiene
 Concen: 22.672 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40564		
223	62.6	31.9	95.7	
227	63.3	31.4	94.2	





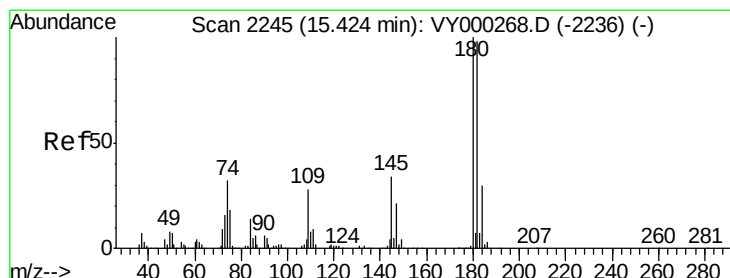
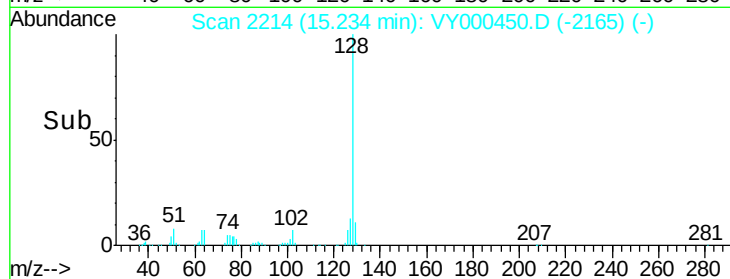
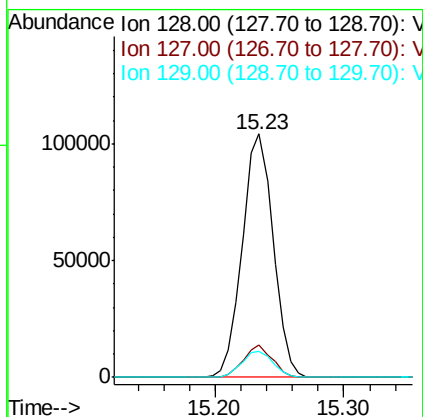
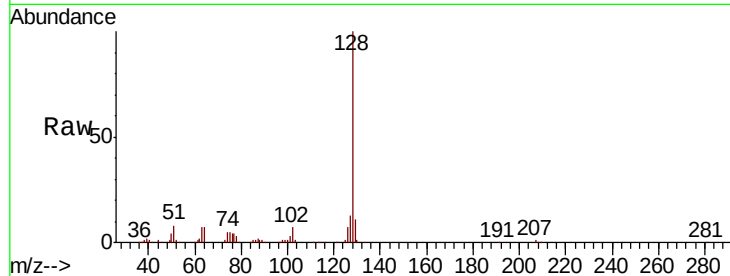
#95
Naphthalene
Concen: 23.377 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	172475		
127	12.3		9.6	14.4
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/29/2019 2:06:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.806 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70934		
182	93.3		46.5	139.5
145	30.9		16.2	48.5

