

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018242.D
 Acq On : 13 May 2024 15:25
 Operator : SY/MD
 Sample : P2403-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 03:02:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 03:01:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	200626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	344638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124153	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	85414	57.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.740%	
35) Dibromofluoromethane	7.710	113	98760	54.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.179	98	395770	55.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.900%	
62) 4-Bromofluorobenzene	12.483	95	120179	52.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.280%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	8012	5.036	ug/l	96
3) Chloromethane	2.107	50	12553	5.894	ug/l	98
4) Vinyl Chloride	2.247	62	14644	5.672	ug/l	98
5) Bromomethane	2.643	94	10696	5.965	ug/l	98
6) Chloroethane	2.790	64	10042	6.129	ug/l	96
7) Trichlorofluoromethane	3.119	101	15875	5.249	ug/l	97
8) Diethyl Ether	3.527	74	5161	5.184	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	9848	5.110	ug/l	94
10) Methyl Iodide	4.082	142	10310	4.581	ug/l	99
11) Tert butyl alcohol	4.930	59	6506	44.100	ug/l	99
12) 1,1-Dichloroethene	3.863	96	9706	5.003	ug/l	93
13) Acrolein	3.723	56	5013	31.509	ug/l	92
14) Allyl chloride	4.466	41	12801	5.186	ug/l	97
15) Acrylonitrile	5.155	53	10012	26.151	ug/l	99
16) Acetone	3.936	43	8930	30.319	ug/l #	85
17) Carbon Disulfide	4.192	76	29624	5.608	ug/l	98
18) Methyl Acetate	4.460	43	6097	7.267	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	21794	5.043	ug/l	99
20) Methylene Chloride	4.710	84	34808	16.720	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	11144	5.418	ug/l #	81
22) Diisopropyl ether	6.106	45	26314	5.026	ug/l #	92
23) Vinyl Acetate	6.051	43	74691	23.470	ug/l	98
24) 1,1-Dichloroethane	6.009	63	15907	4.933	ug/l #	96
25) 2-Butanone	6.990	43	11485	24.394	ug/l	89
26) 2,2-Dichloropropane	6.972	77	15121	5.181	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	12294	5.058	ug/l	98
28) Bromochloromethane	7.325	49	6309	4.895	ug/l	99
29) Tetrahydrofuran	7.338	42	7509	24.162	ug/l	100
30) Chloroform	7.508	83	16971	5.041	ug/l	90
31) Cyclohexane	7.777	56	18749	6.124	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	14768	4.894	ug/l	97
36) 1,1-Dichloropropene	7.911	75	13082	5.038	ug/l	97
37) Ethyl Acetate	7.063	43	5430	4.969	ug/l #	97
38) Carbon Tetrachloride	7.899	117	13151	4.635	ug/l	88
39) Methylcyclohexane	9.179	83	17907	4.780	ug/l	88
40) Benzene	8.155	78	41845	5.010	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3131	4.961	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	9913	5.455	ug/l	95
43) Isopropyl Acetate	8.270	43	10858	4.847	ug/l #	85
44) Trichloroethene	8.941	130	10746	4.726	ug/l	92
45) 1,2-Dichloropropane	9.209	63	9265	5.074	ug/l	98
46) Dibromomethane	9.307	93	5249	5.000	ug/l	94
47) Bromodichloromethane	9.496	83	11476	4.422	ug/l	97
48) Methyl methacrylate	9.289	41	4333	4.221	ug/l #	89
49) 1,4-Dioxane	9.289	88	1520	109.088	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	27061	24.036	ug/l	95
52) Toluene	10.240	92	25597	4.761	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	10808	4.459	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	14048	4.741	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	6830	4.736	ug/l	95
56) Ethyl methacrylate	10.508	69	8483	4.331	ug/l	89
57) 1,3-Dichloropropane	10.788	76	11352	4.837	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	21632	23.132	ug/l	98
59) 2-Hexanone	10.831	43	18190	23.107	ug/l	89
60) Dibromochloromethane	10.983	129	7973	4.262	ug/l	98
61) 1,2-Dibromoethane	11.087	107	5949	4.380	ug/l	92
64) Tetrachloroethene	10.721	164	9828	5.054	ug/l	96
65) Chlorobenzene	11.514	112	28421	4.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	8687	4.515	ug/l	96
67) Ethyl Benzene	11.593	91	47624	4.742	ug/l	99
68) m/p-Xylenes	11.703	106	38171	9.611	ug/l	96
69) o-Xylene	12.026	106	17401	4.566	ug/l	94
70) Styrene	12.044	104	28750	4.517	ug/l	99
71) Bromoform	12.209	173	4631	4.350	ug/l #	95
73) Isopropylbenzene	12.331	105	45962	4.938	ug/l	99
74) N-amyl acetate	12.148	43	8371	4.332	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	7476	5.035	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	9370	9.429	ug/l #	100
77) Bromobenzene	12.611	156	10095	4.721	ug/l	95
78) n-propylbenzene	12.672	91	52996	4.895	ug/l	98
79) 2-Chlorotoluene	12.757	91	29633	4.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	35740	4.869	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	2340	4.537	ug/l	85
82) 4-Chlorotoluene	12.855	91	29821	4.934	ug/l	92
83) tert-Butylbenzene	13.074	119	33283	4.916	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	34378	4.781	ug/l	99
85) sec-Butylbenzene	13.251	105	47533	4.786	ug/l	97
86) p-Isopropyltoluene	13.367	119	39526	4.838	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	19969	4.835	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	19949	4.955	ug/l	91
89) n-Butylbenzene	13.696	91	35398	4.788	ug/l	99
90) Hexachloroethane	13.965	117	7128	4.447	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	17101	4.818	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1086	5.371	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	8494	4.257	ug/l	95
94) Hexachlorobutadiene	15.111	225	4943	4.489	ug/l	96
95) Naphthalene	15.239	128	14825	4.054	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.422	180	6887	4.205	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue May 14 03:01:34 2024
Response via : Initial Calibration

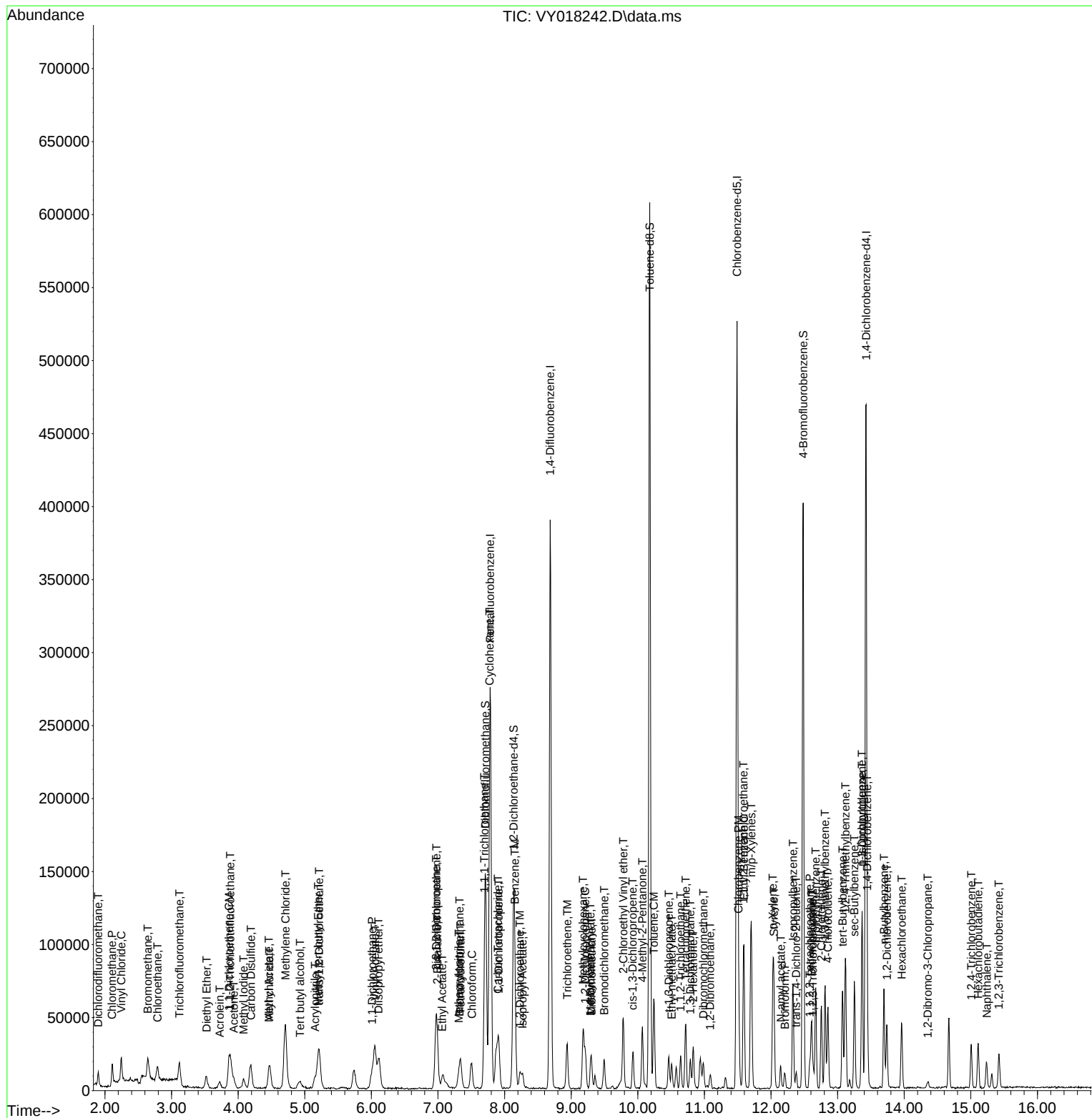
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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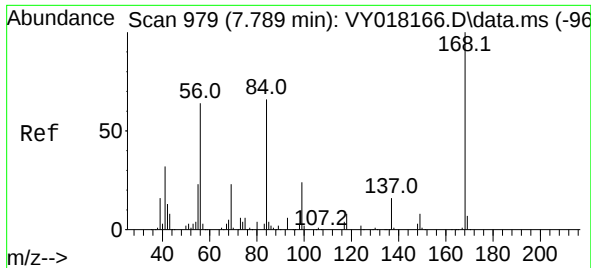
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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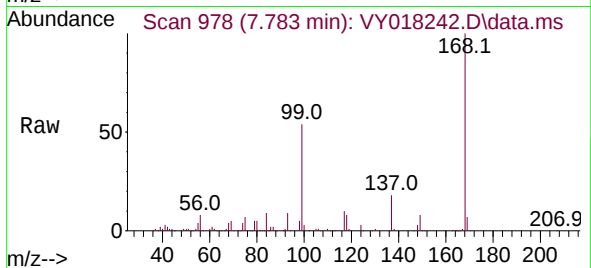
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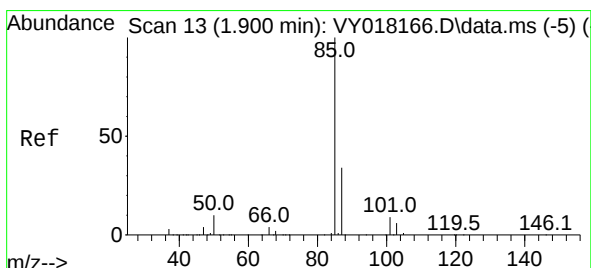
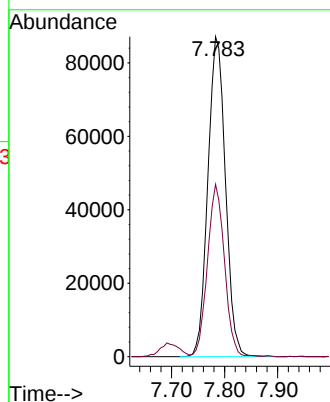
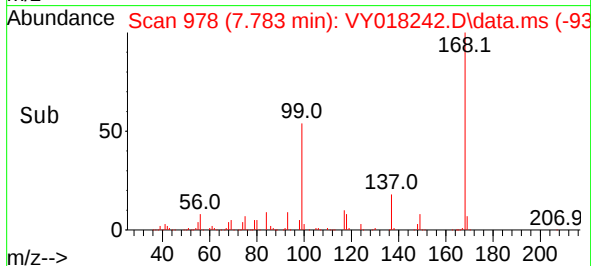


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018242.D
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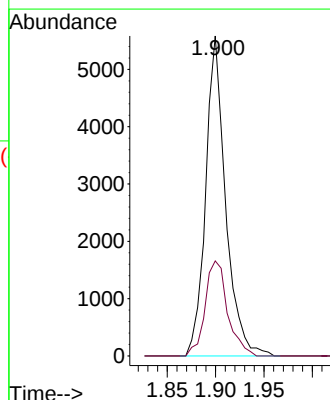
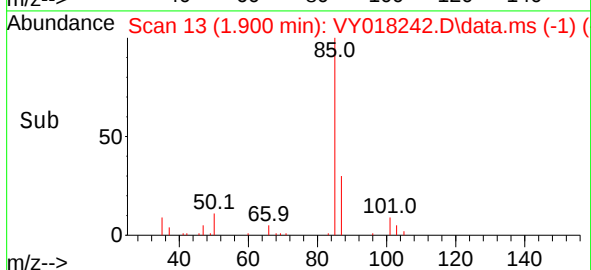
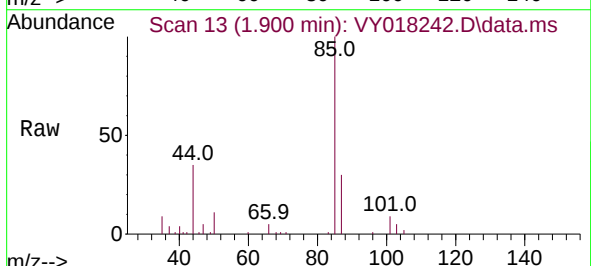


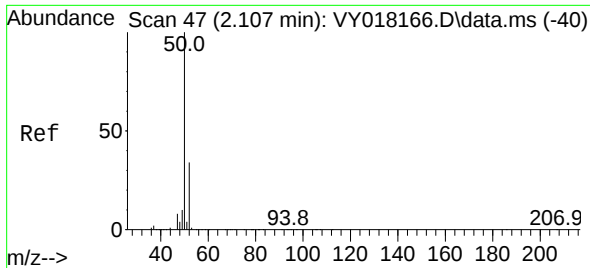
Tgt Ion:168 Resp: 200626
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.036 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

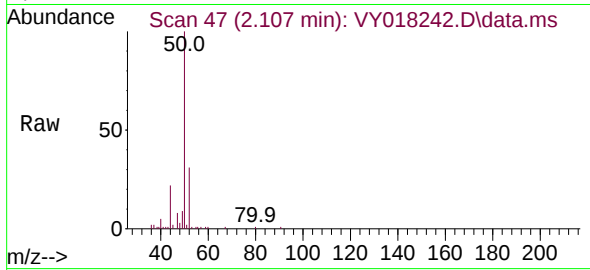
Tgt Ion: 85 Resp: 8012
Ion Ratio Lower Upper
85 100
87 29.7 16.0 48.0



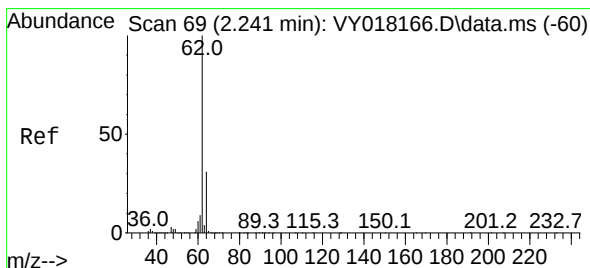
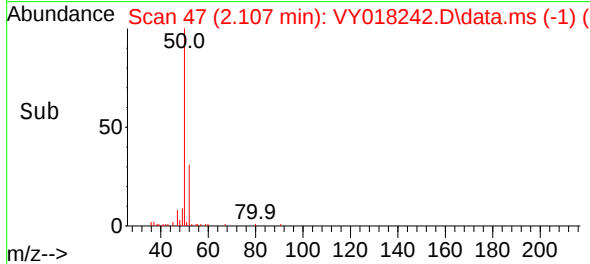
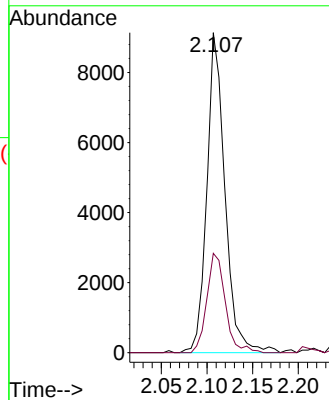


#3
Chloromethane
Concen: 5.894 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

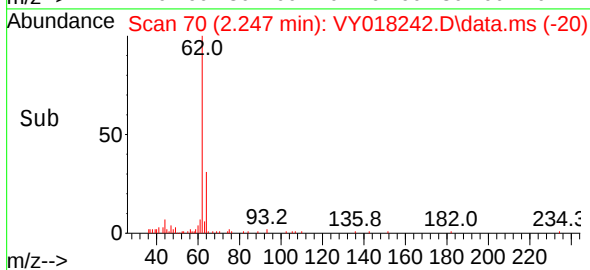
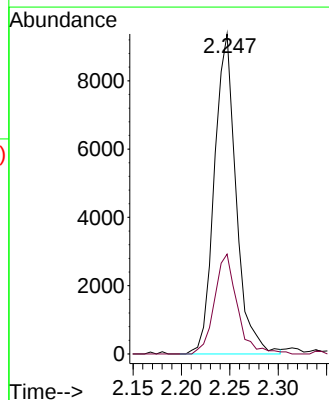
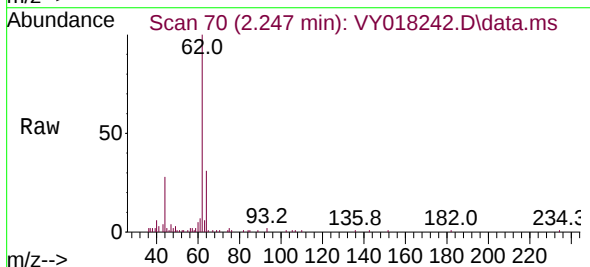


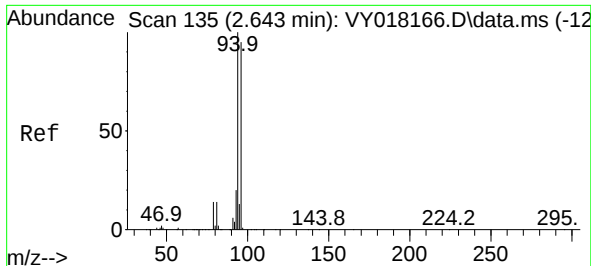
Tgt Ion: 50 Resp: 12553
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4



#4
Vinyl Chloride
Concen: 5.672 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

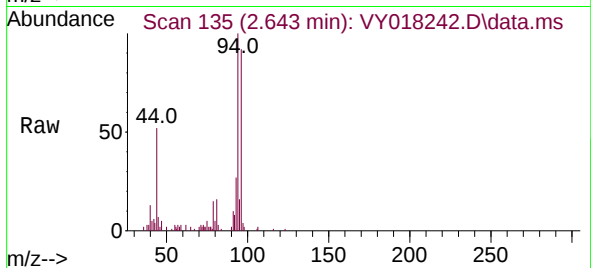
Tgt Ion: 62 Resp: 14644
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1



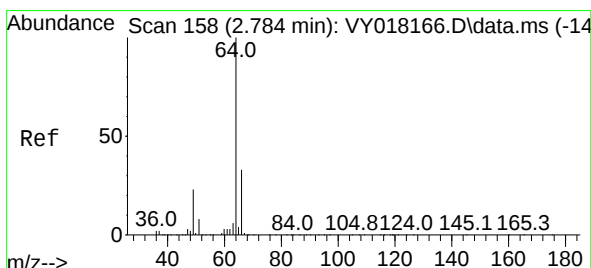
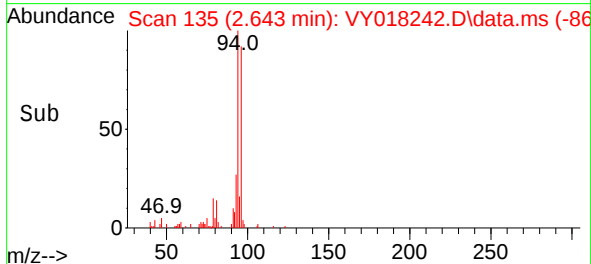
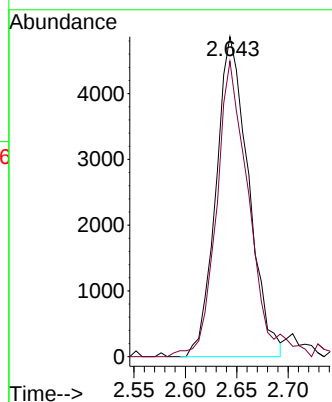


#5
Bromomethane
Concen: 5.965 ug/l
RT: 2.643 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

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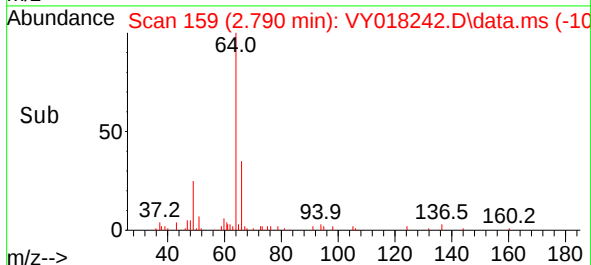
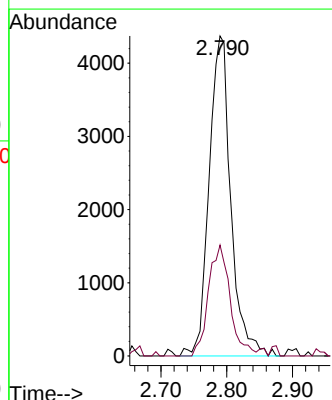
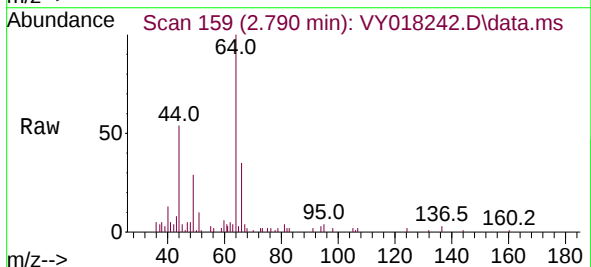


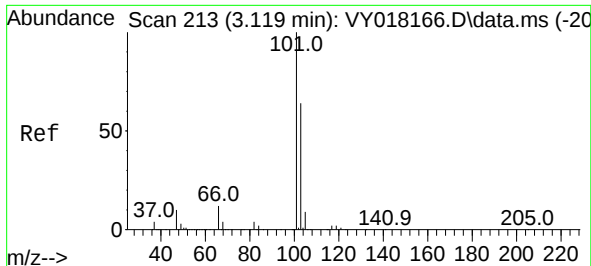
Tgt Ion: 94 Resp: 10696
Ion Ratio Lower Upper
94 100
96 90.4 74.1 111.1



#6
Chloroethane
Concen: 6.129 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 64 Resp: 10042
Ion Ratio Lower Upper
64 100
66 34.7 26.1 39.1

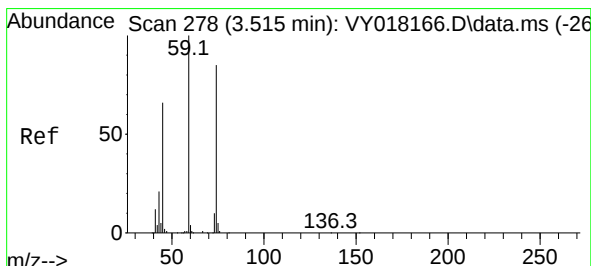
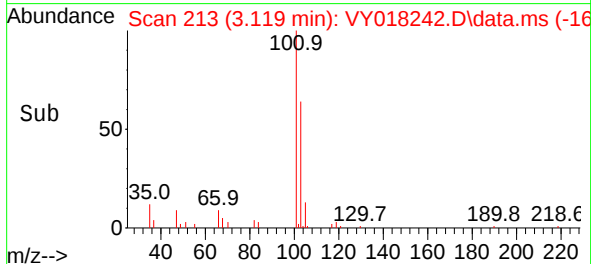
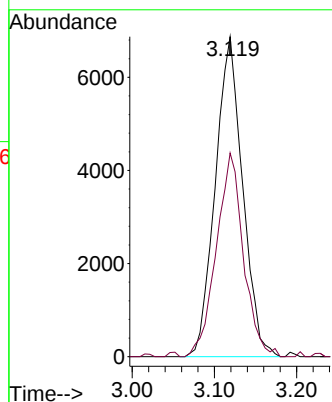
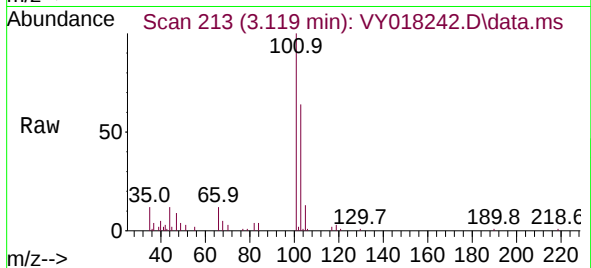




#7
 Trichlorofluoromethane
 Concen: 5.249 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

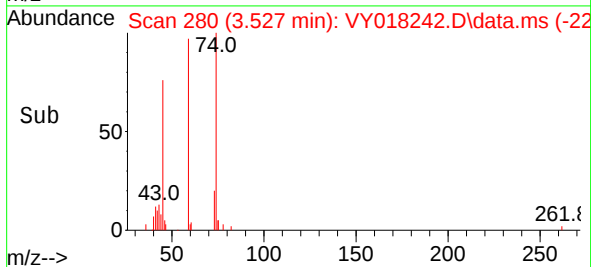
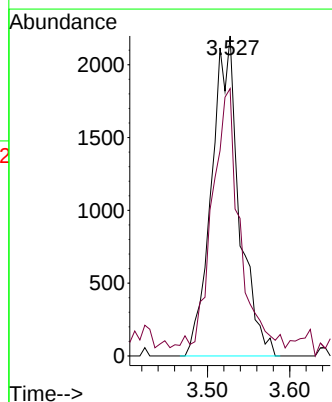
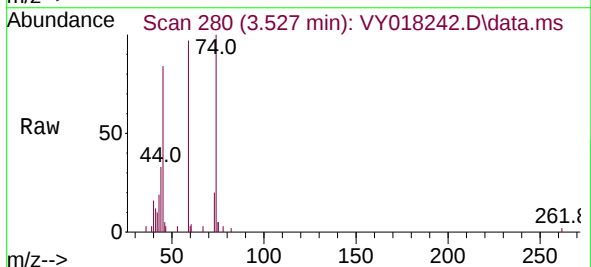
Instrument :
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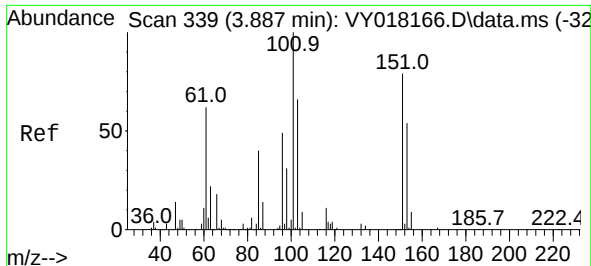
Tgt Ion:101 Resp: 15875
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 5.184 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.012 min
 Lab File: VY018242.D
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Tgt Ion: 74 Resp: 5161
 Ion Ratio Lower Upper
 74 100
 45 81.6 41.3 124.1

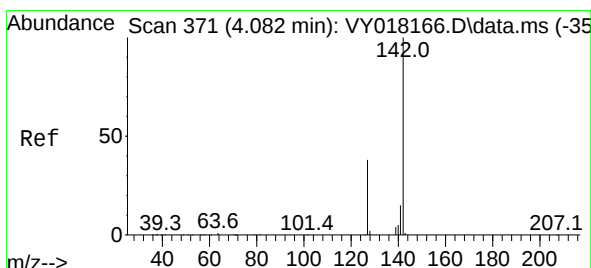
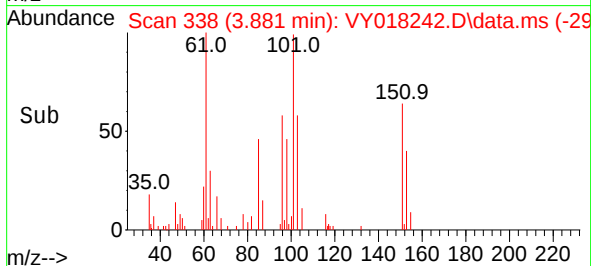
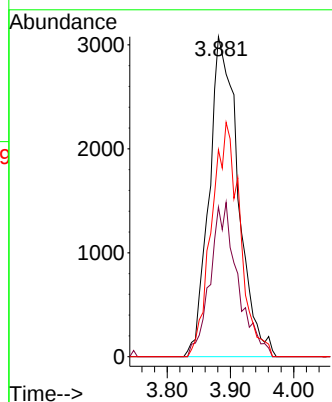
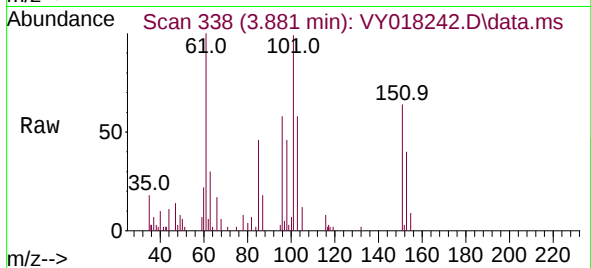




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.110 ug/l
RT: 3.881 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

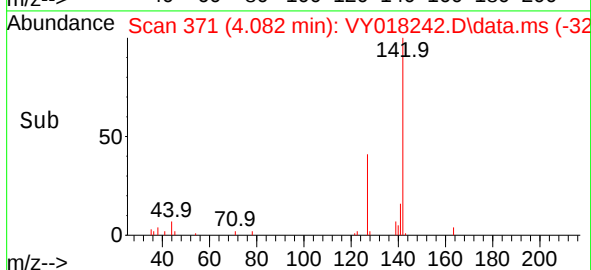
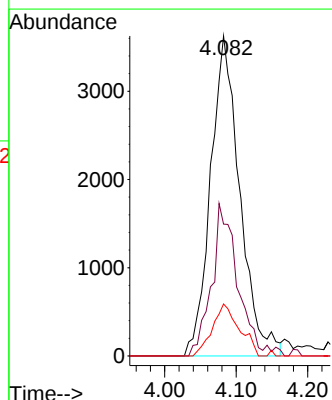
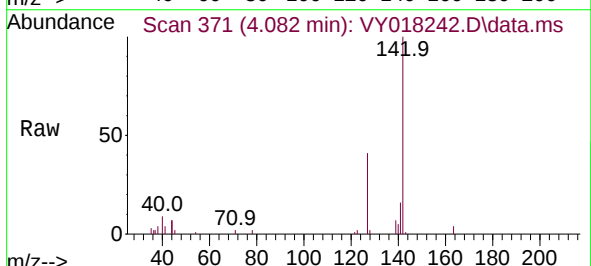
Instrument :
MSVOA_Y
ClientSampleId :

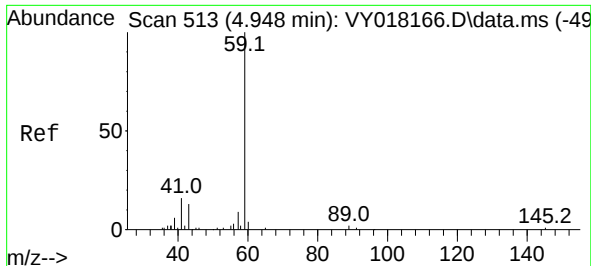
Tgt Ion:101 Resp: 9848
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 71.5 61.7 92.5



#10
Methyl Iodide
Concen: 4.581 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:142 Resp: 10310
Ion Ratio Lower Upper
142 100
127 41.4 32.8 49.2
141 15.0 11.4 17.2

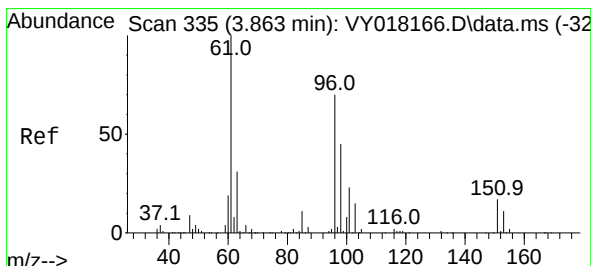
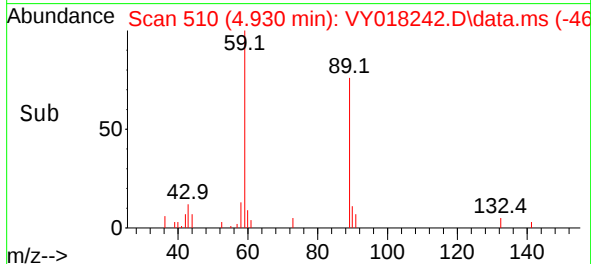
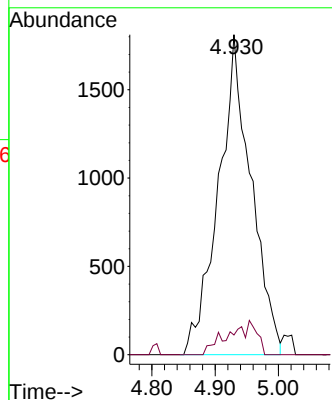
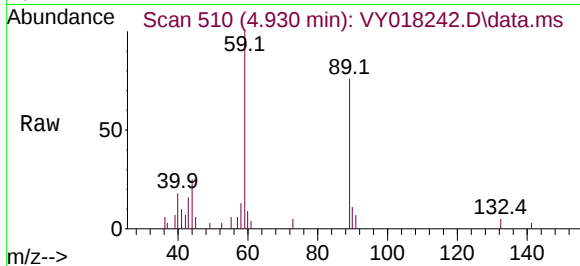




#11
Tert butyl alcohol
Concen: 44.100 ug/l
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

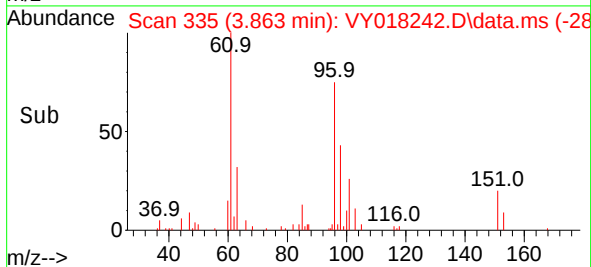
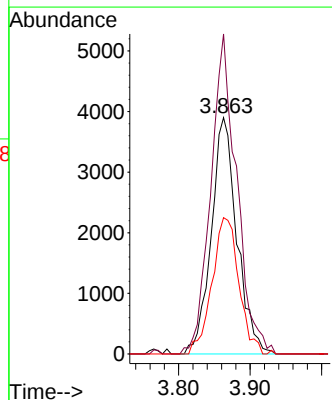
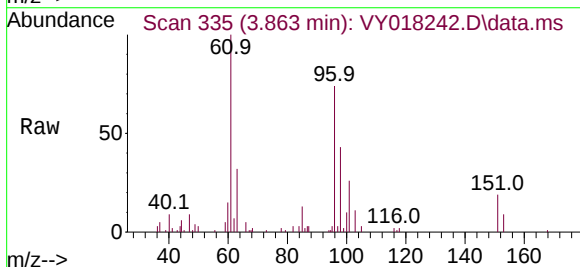
Instrument :
MSVOA_Y
ClientSampleId :

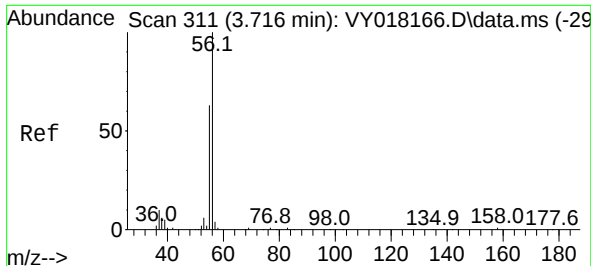
Tgt Ion: 59 Resp: 6506
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6



#12
1,1-Dichloroethene
Concen: 5.003 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

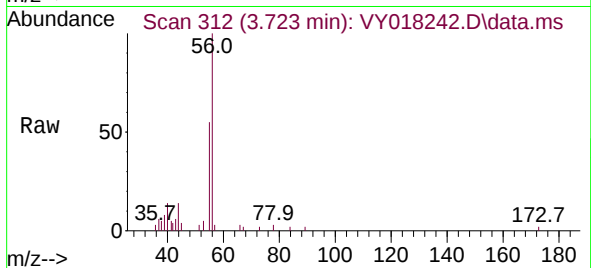
Tgt Ion: 96 Resp: 9706
Ion Ratio Lower Upper
96 100
61 135.4 114.6 171.8
98 57.7 50.8 76.2



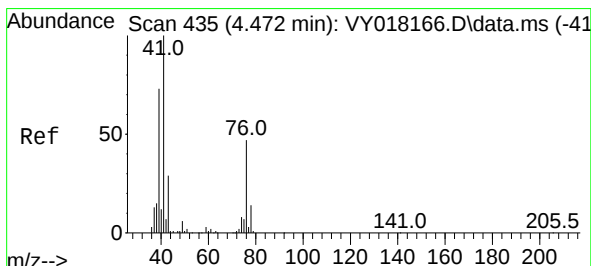
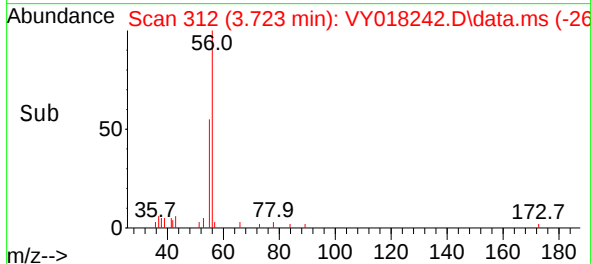
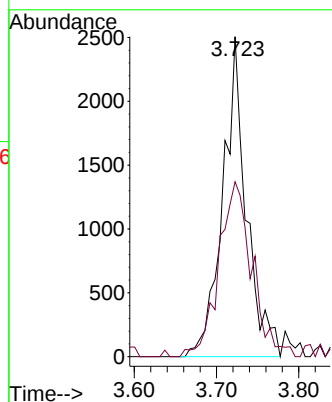


#13
Acrolein
Concen: 31.509 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

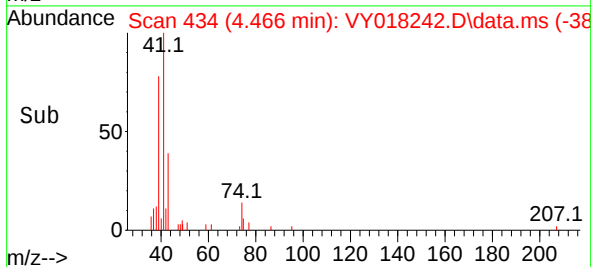
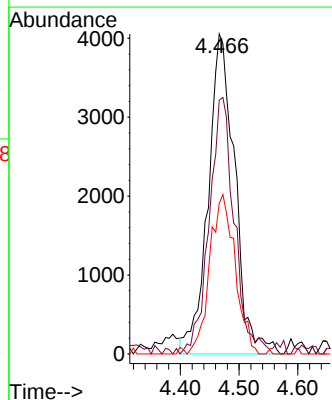
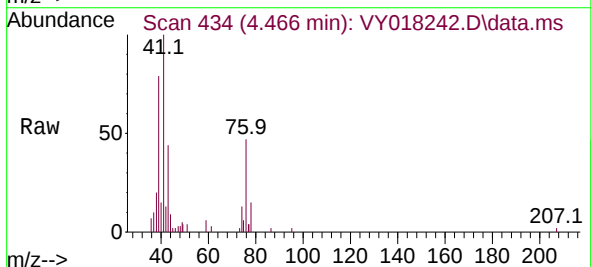


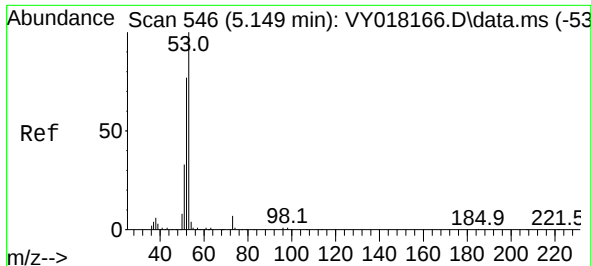
Tgt Ion: 56 Resp: 5013
Ion Ratio Lower Upper
56 100
55 76.5 55.7 83.5



#14
Allyl chloride
Concen: 5.186 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 41 Resp: 12801
Ion Ratio Lower Upper
41 100
39 75.5 58.3 87.5
76 47.2 39.0 58.6





#15

Acrylonitrile

Concen: 26.151 ug/l

RT: 5.155 min Scan# 546

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

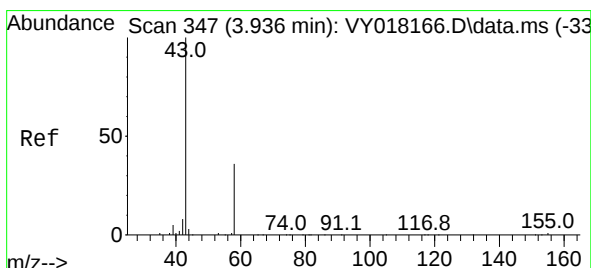
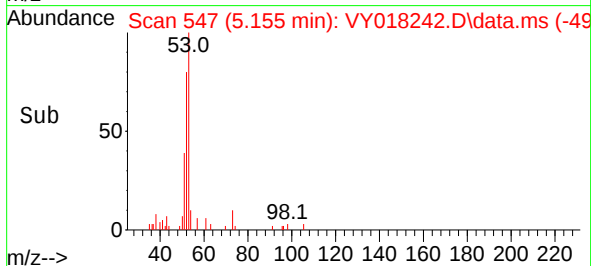
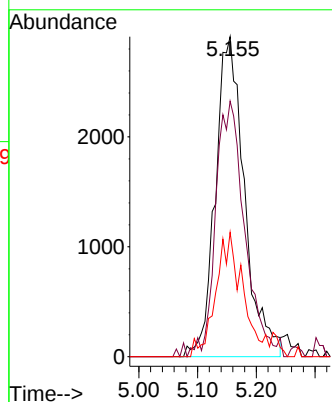
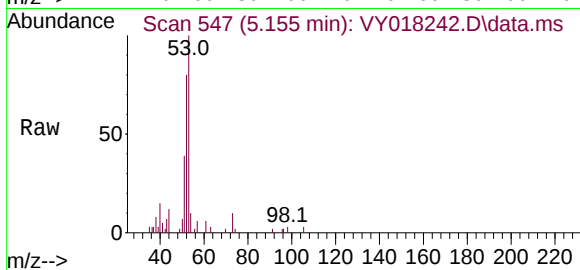
Tgt Ion: 53 Resp: 10012

Ion Ratio Lower Upper

53 100

52 79.9 64.7 97.1

51 35.2 28.4 42.6



#16

Acetone

Concen: 30.319 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018242.D

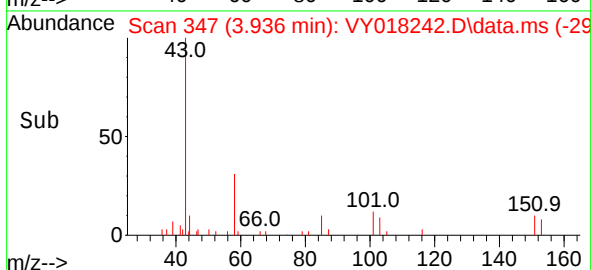
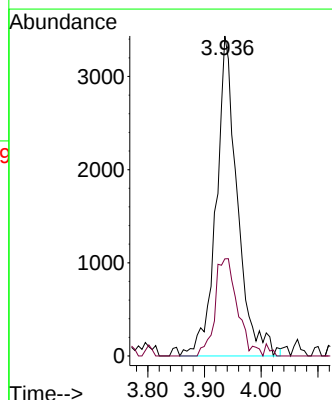
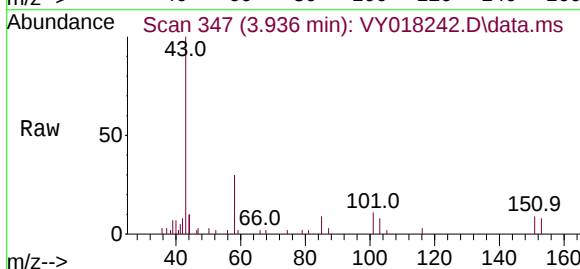
Acq: 13 May 2024 15:25

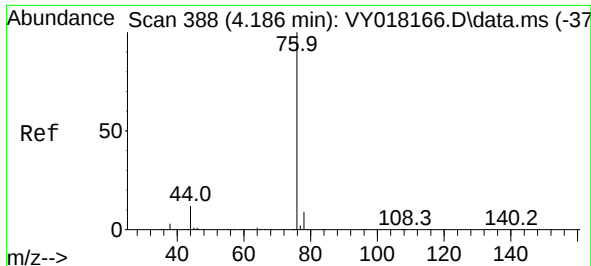
Tgt Ion: 43 Resp: 8930

Ion Ratio Lower Upper

43 100

58 30.3 31.7 47.5#





#17

Carbon Disulfide

Concen: 5.608 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

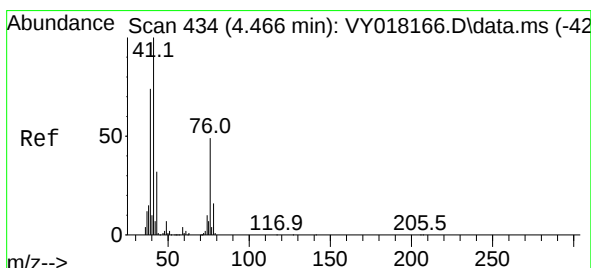
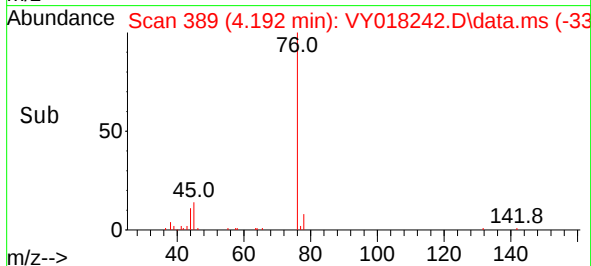
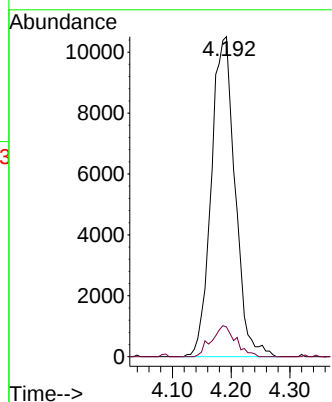
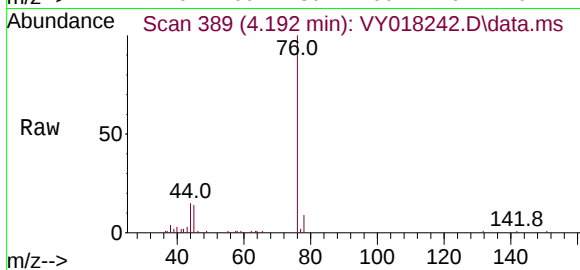
ClientSampleId :

Tgt Ion: 76 Resp: 29624

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 7.267 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018242.D

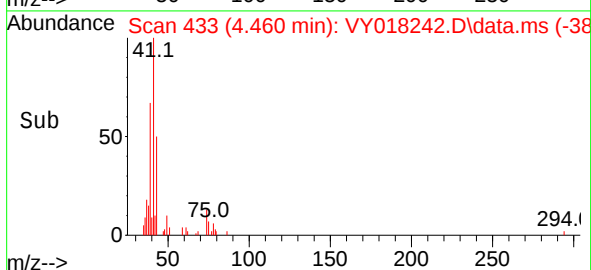
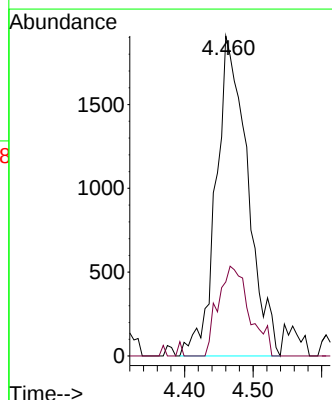
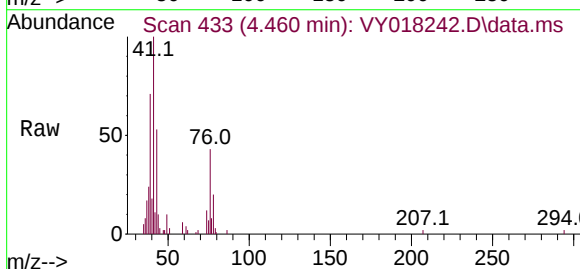
Acq: 13 May 2024 15:25

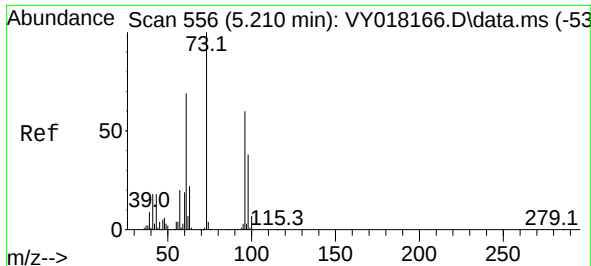
Tgt Ion: 43 Resp: 6097

Ion Ratio Lower Upper

43 100

74 27.9 23.3 34.9

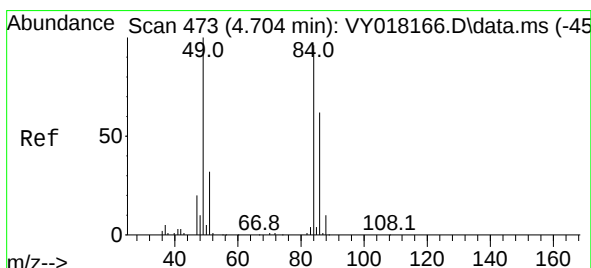
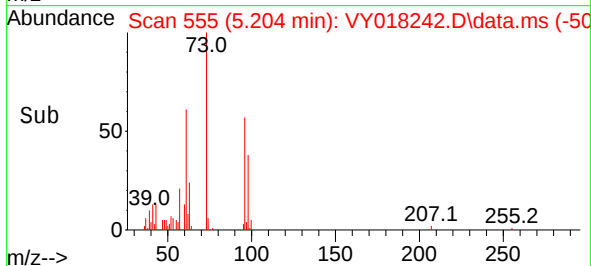
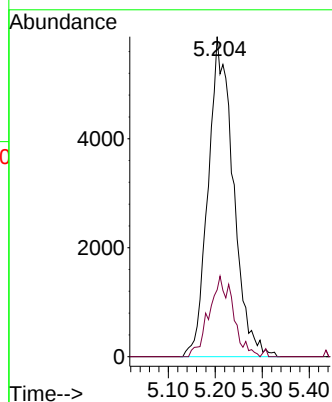
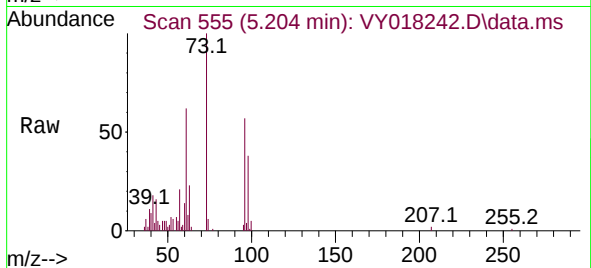




#19
Methyl tert-butyl Ether
Concen: 5.043 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

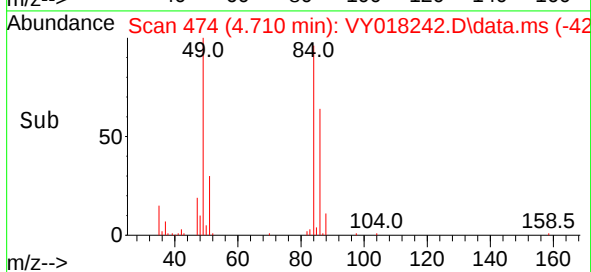
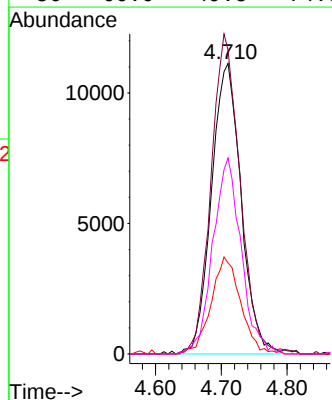
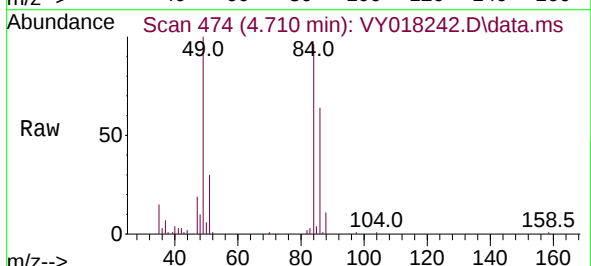
Instrument :
MSVOA_Y
ClientSampleId :

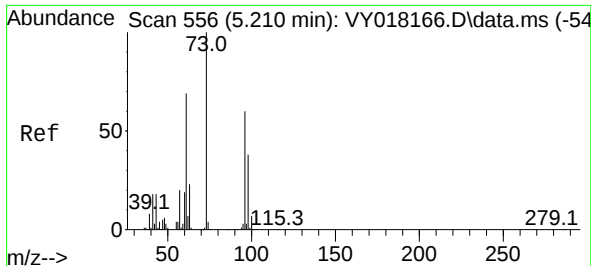
Tgt Ion: 73 Resp: 21794
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 16.720 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

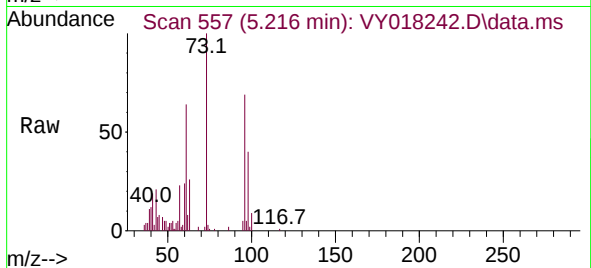
Tgt Ion: 84 Resp: 34808
Ion Ratio Lower Upper
84 100
49 103.9 84.4 126.6
51 30.8 26.0 39.0
86 66.9 49.5 74.3



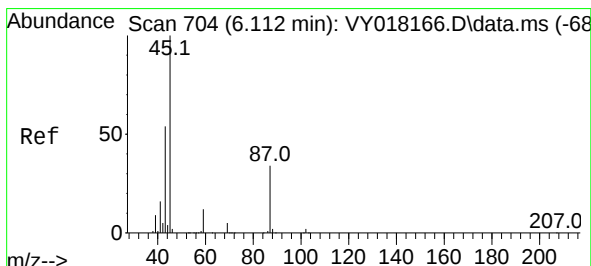
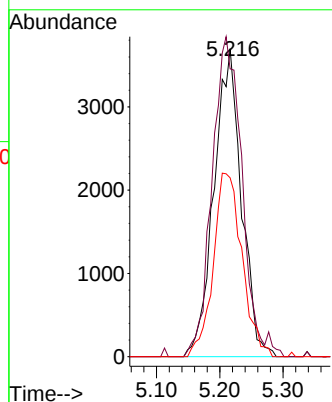
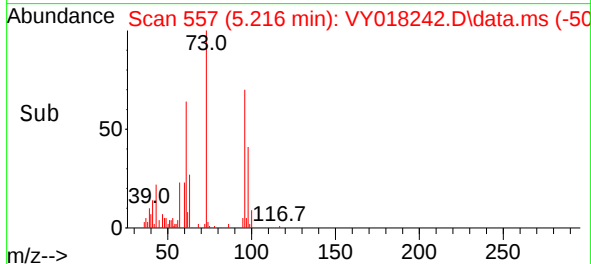


#21
trans-1,2-Dichloroethene
Concen: 5.418 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

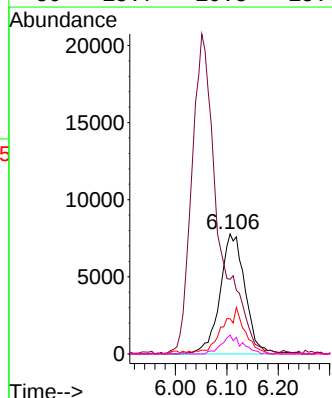
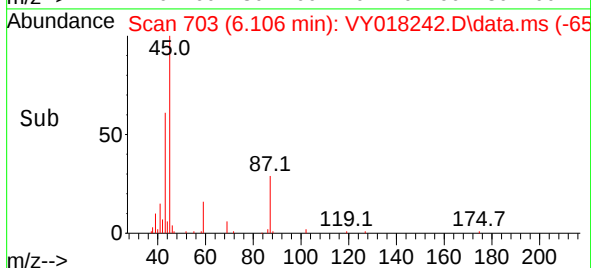
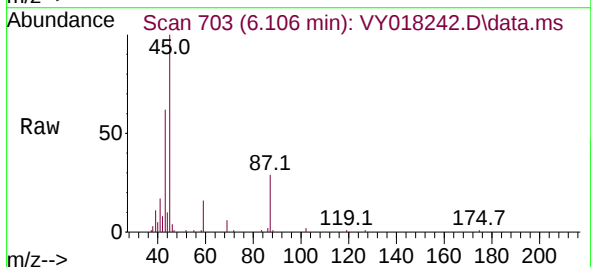


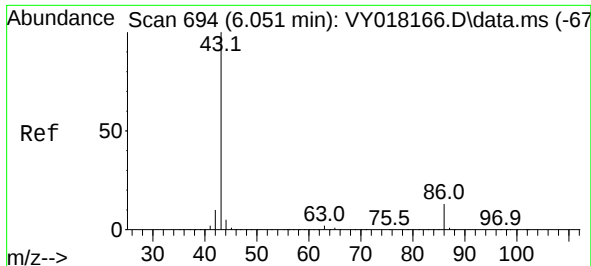
Tgt Ion: 96 Resp: 11144
Ion Ratio Lower Upper
96 100
61 93.4 97.5 146.3#
98 58.1 50.5 75.7



#22
Diisopropyl ether
Concen: 5.026 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 45 Resp: 26314
Ion Ratio Lower Upper
45 100
43 60.9 42.2 63.2
87 29.3 25.0 37.6
59 15.7 10.5 15.7#

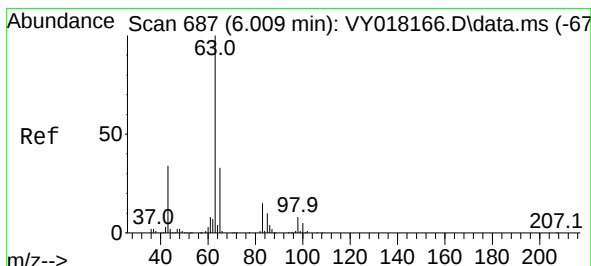
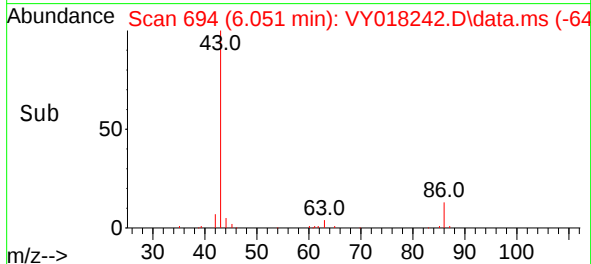
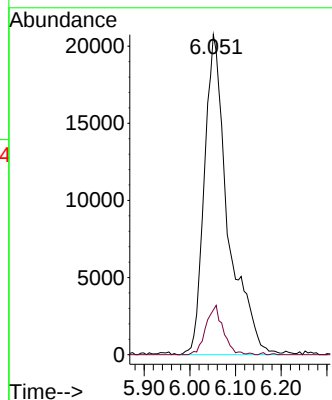
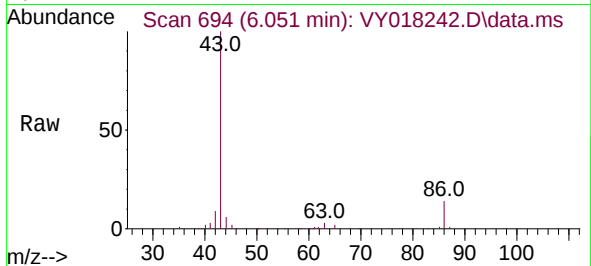




#23
 Vinyl Acetate
 Concen: 23.470 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

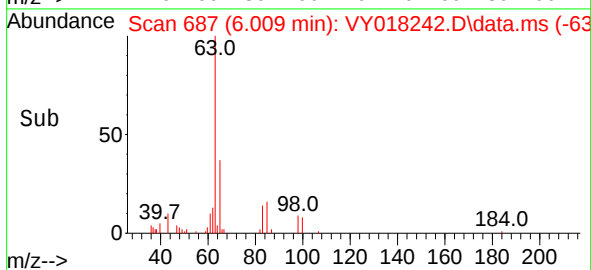
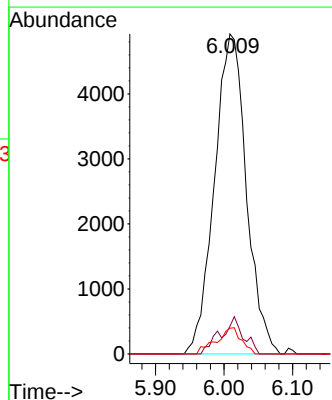
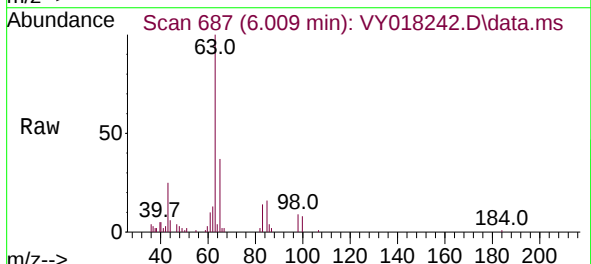
Instrument :
 MSVOA_Y
 ClientSampleId :

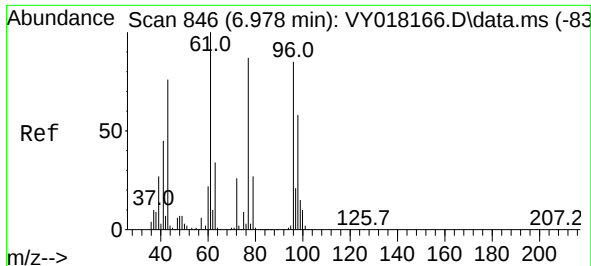
Tgt Ion: 43 Resp: 74691
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 4.933 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

Tgt Ion: 63 Resp: 15907
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 8.1 2.6 8.0#

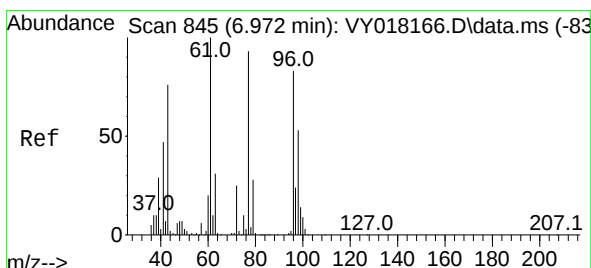
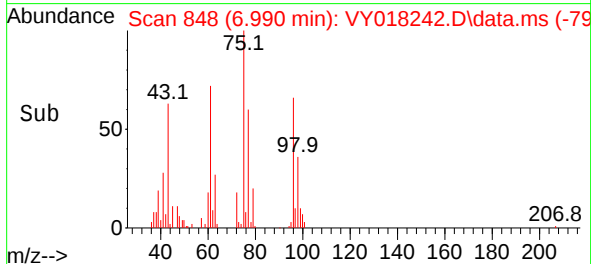
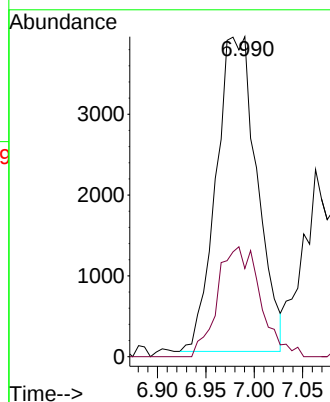
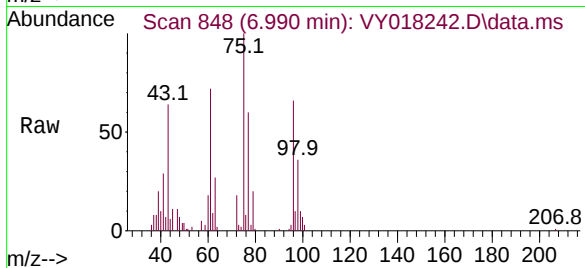




#25
2-Butanone
Concen: 24.394 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

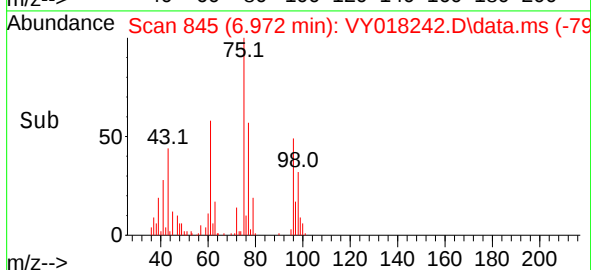
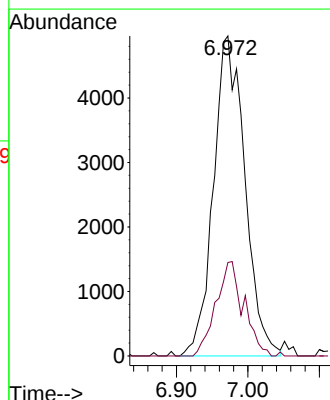
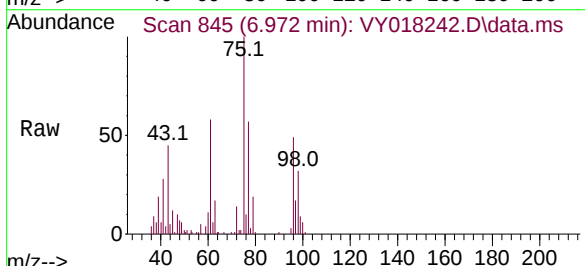
Instrument :
MSVOA_Y
ClientSampleId :

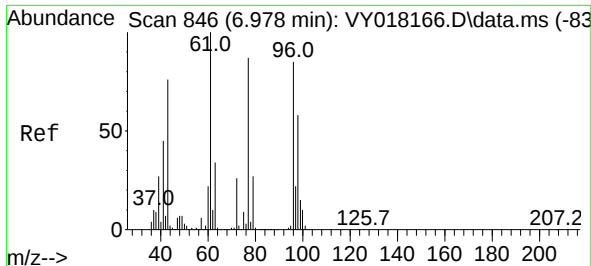
Tgt Ion: 43 Resp: 11485
Ion Ratio Lower Upper
43 100
72 28.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 5.181 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 77 Resp: 15121
Ion Ratio Lower Upper
77 100
97 26.1 12.0 36.1

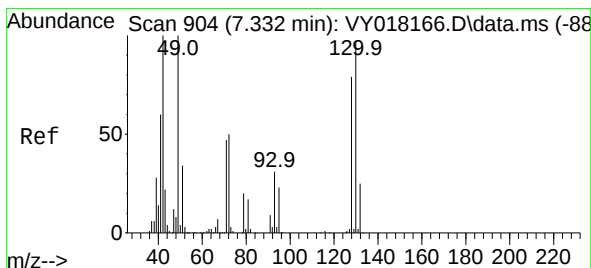
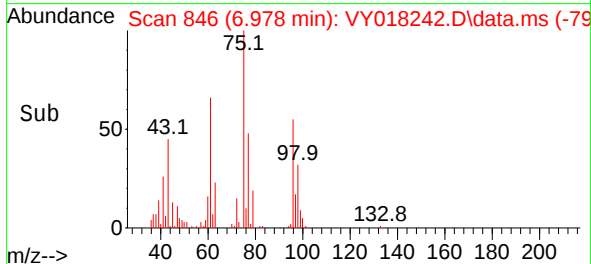
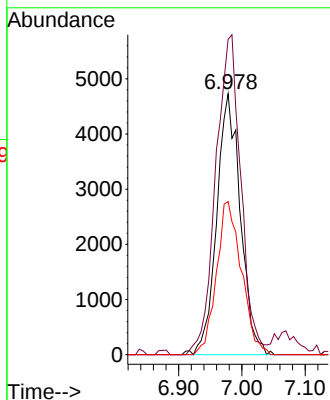
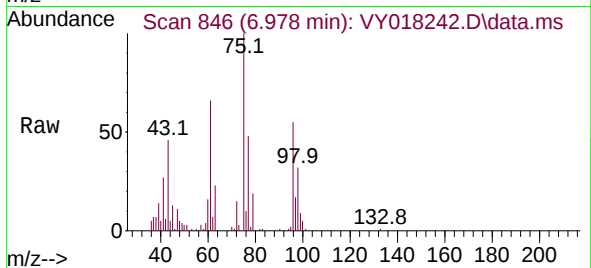




#27
 cis-1,2-Dichloroethene
 Concen: 5.058 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

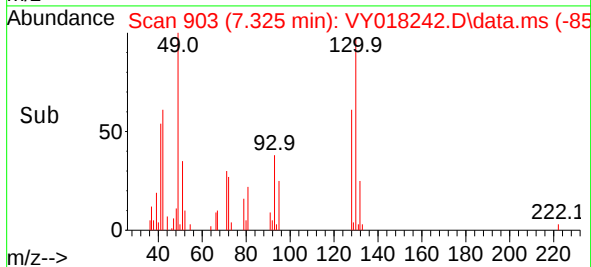
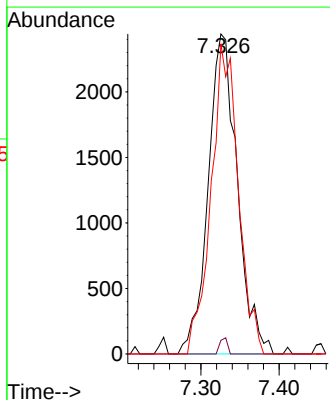
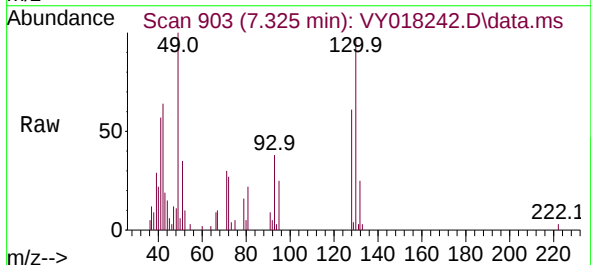
Instrument :
 MSVOA_Y
 ClientSampleId :

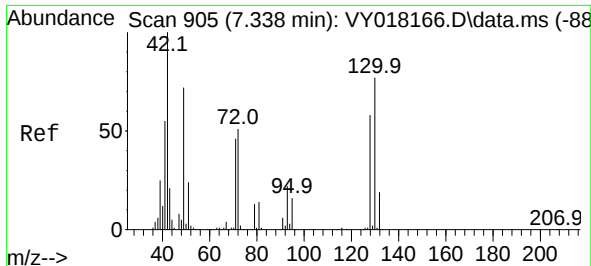
Tgt Ion: 96 Resp: 12294
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 256.2
 98 61.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 4.895 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

Tgt Ion: 49 Resp: 6309
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 90.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 24.162 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

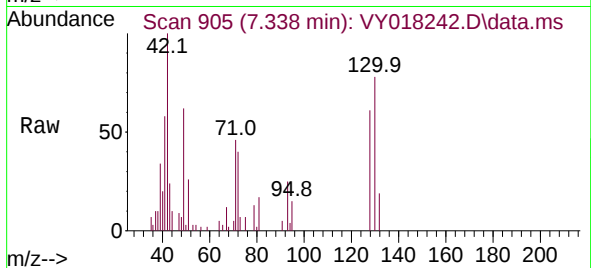
Lab File: VY018242.D

Acq: 13 May 2024 15:25

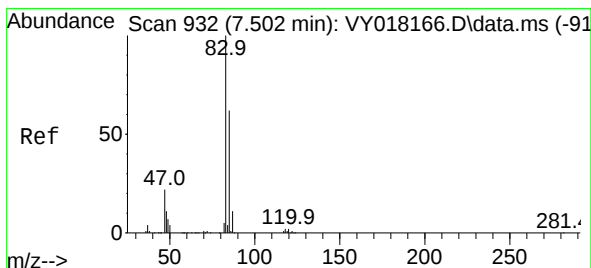
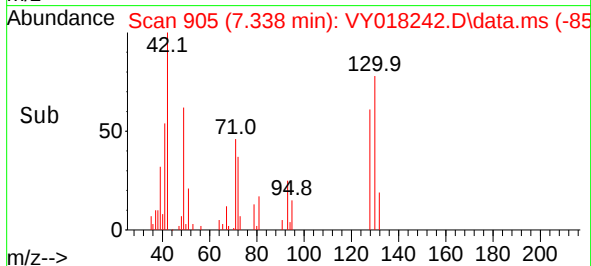
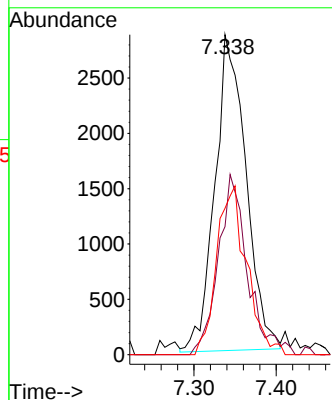
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	7509
Ion	Ratio	Lower	Upper
42	100		
72	53.6	43.0	64.4
71	51.6	40.8	61.2



#30

Chloroform

Concen: 5.041 ug/l

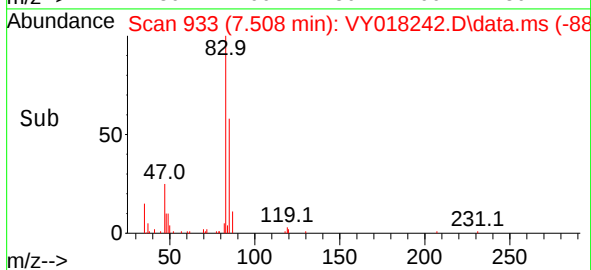
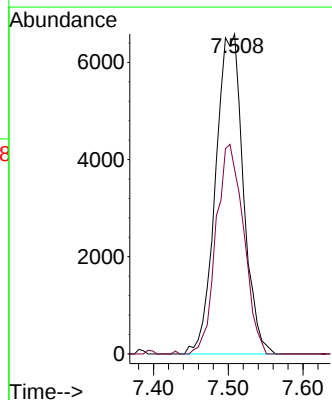
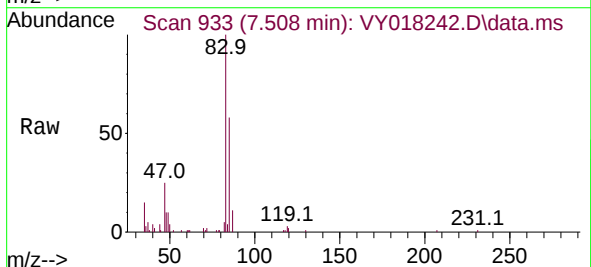
RT: 7.508 min Scan# 933

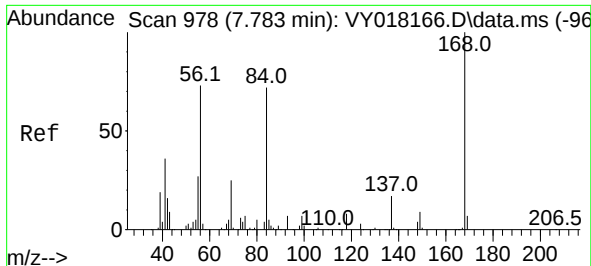
Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	83	Resp:	16971
Ion	Ratio	Lower	Upper
83	100		
85	57.7	52.2	78.4

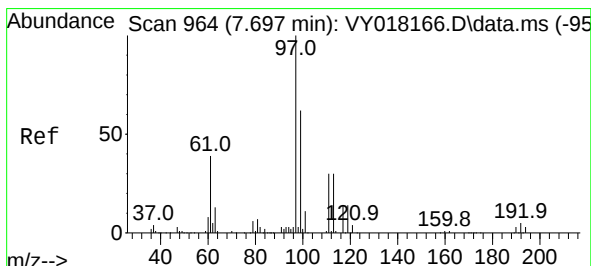
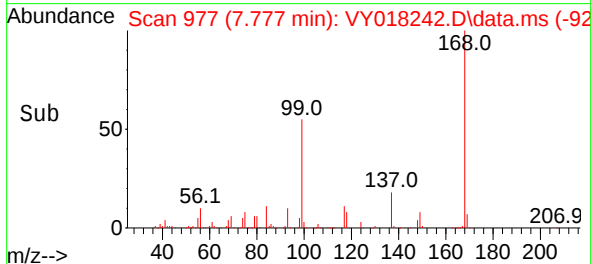
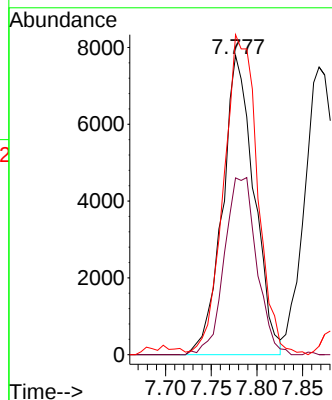
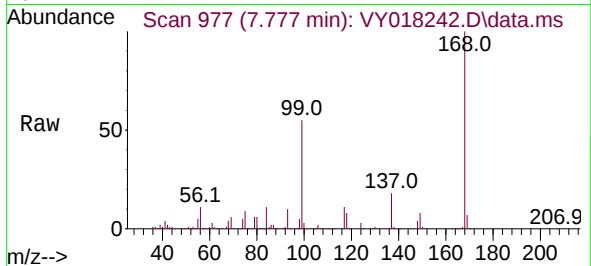




#31
Cyclohexane
Concen: 6.124 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

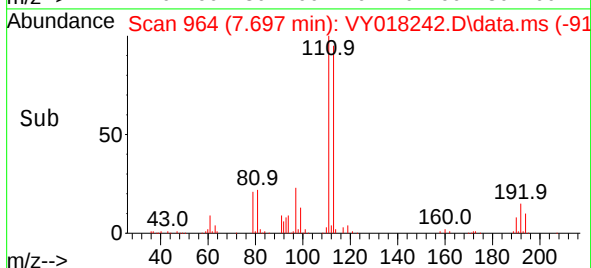
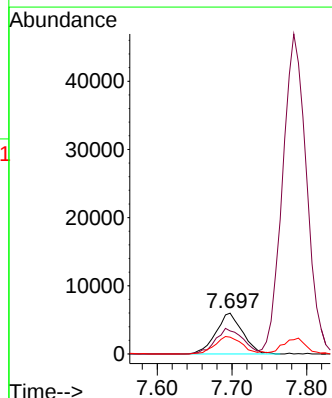
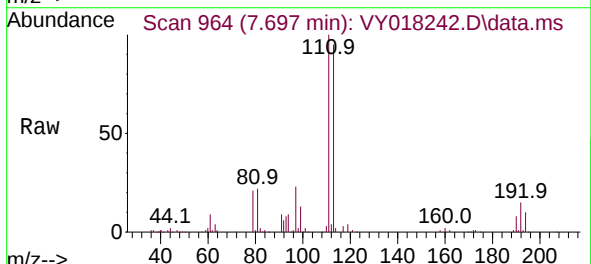
Instrument :
MSVOA_Y
ClientSampleId :

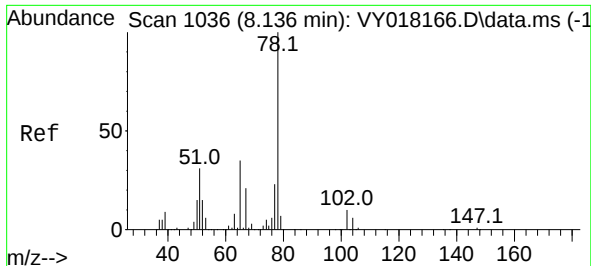
Tgt Ion: 56 Resp: 18749
Ion Ratio Lower Upper
56 100
69 59.1 28.7 43.1#
84 104.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 4.894 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 97 Resp: 14768
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.1 32.6 48.8

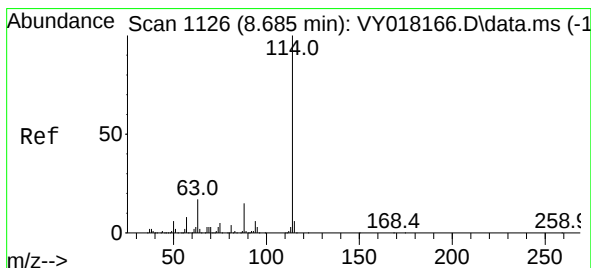
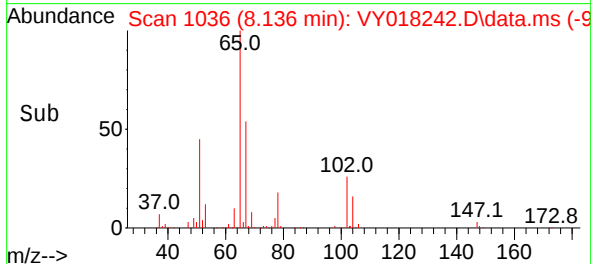
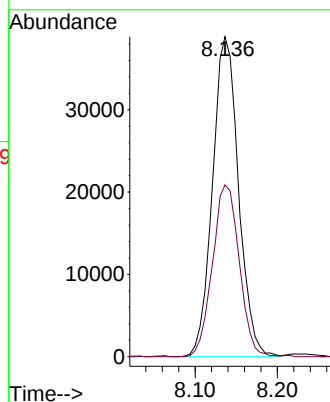
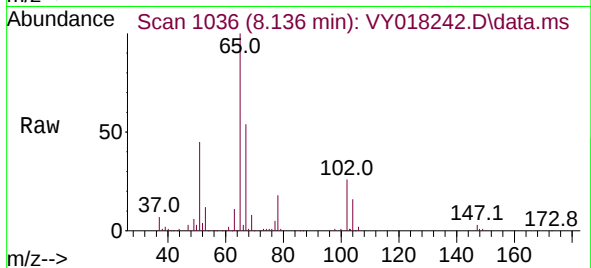




#33
1,2-Dichloroethane-d4
Concen: 57.871 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

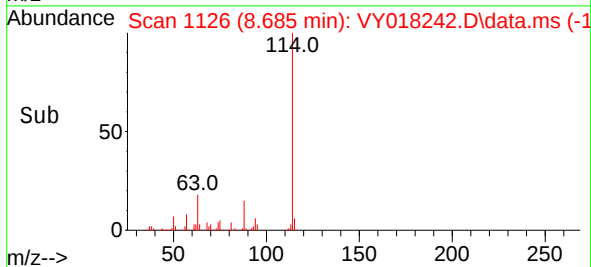
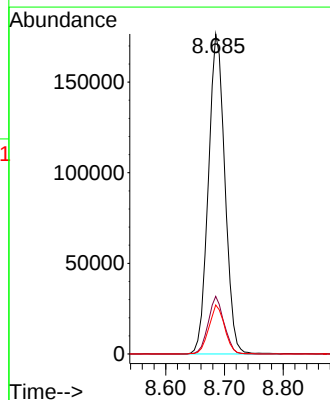
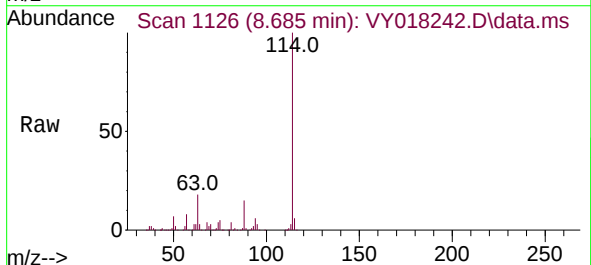
Instrument :
MSVOA_Y
ClientSampleId :

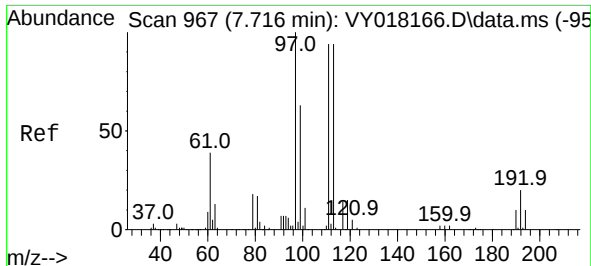
Tgt Ion: 65 Resp: 85414
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:114 Resp: 344638
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.526 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

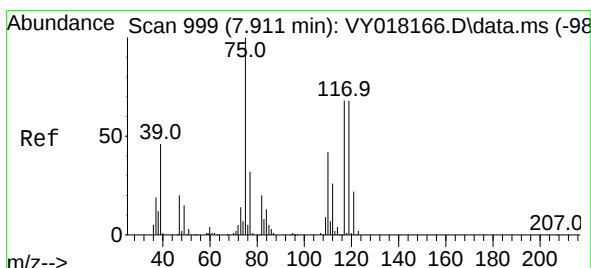
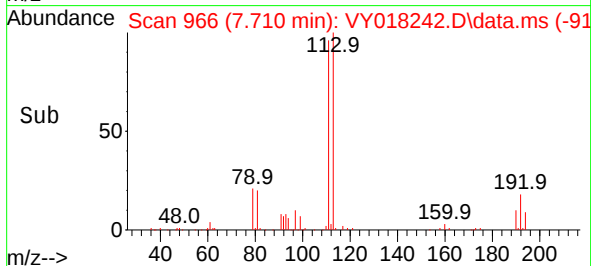
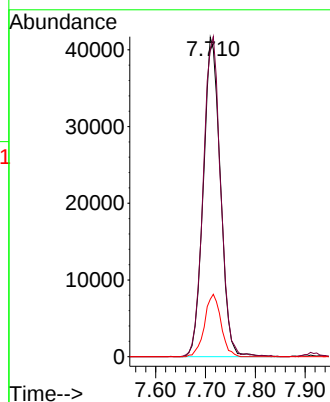
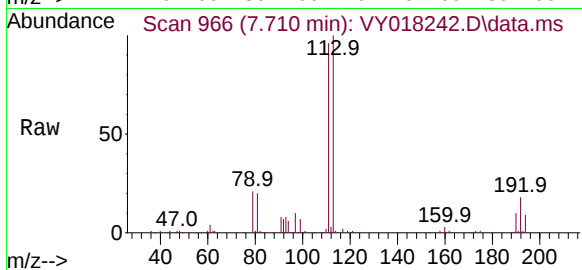
Tgt Ion:113 Resp: 98760

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 18.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.038 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

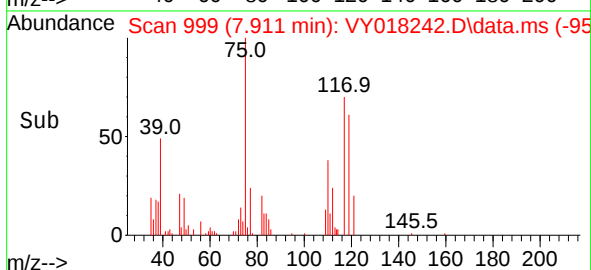
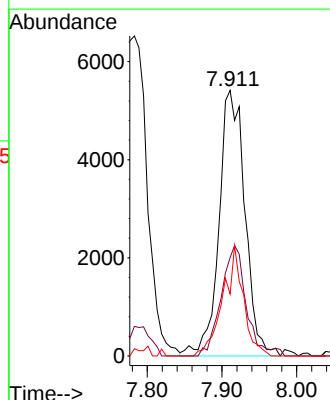
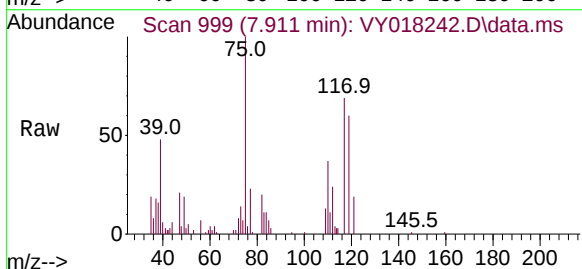
Tgt Ion: 75 Resp: 13082

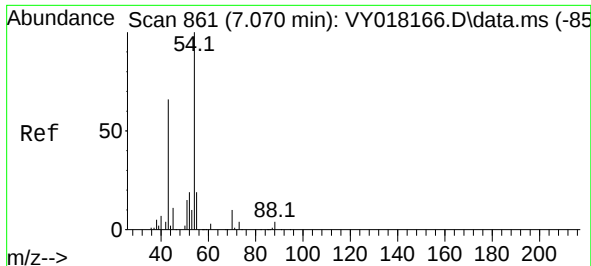
Ion Ratio Lower Upper

75 100

110 40.3 19.0 57.0

77 32.8 25.3 37.9





#37

Ethyl Acetate

Concen: 4.969 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

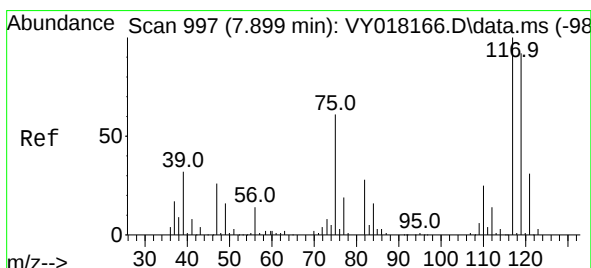
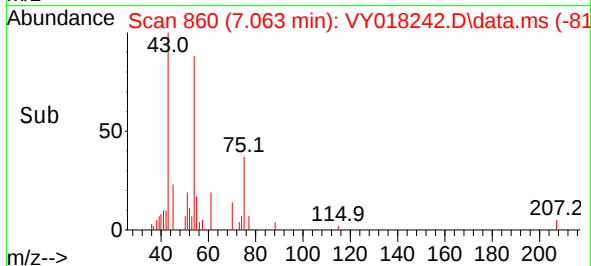
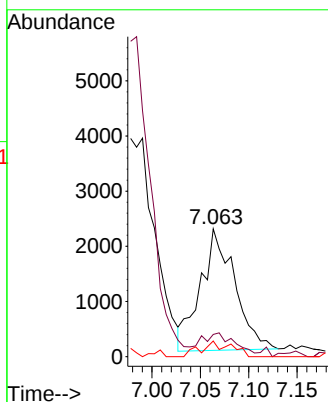
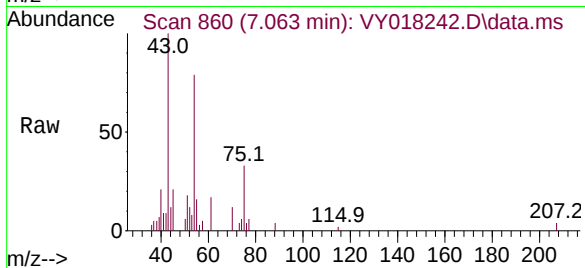
Tgt Ion: 43 Resp: 5430

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 7.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 4.635 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

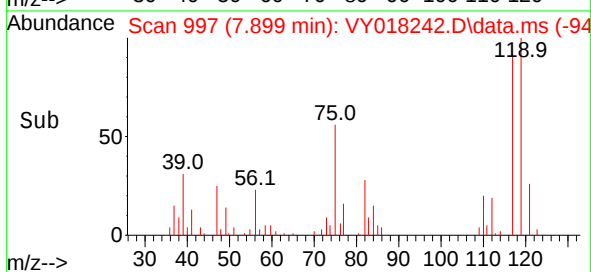
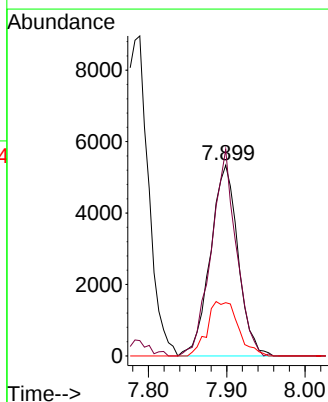
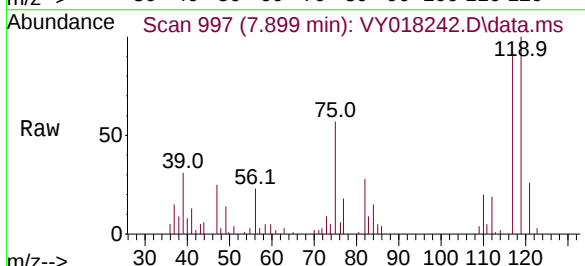
Tgt Ion:117 Resp: 13151

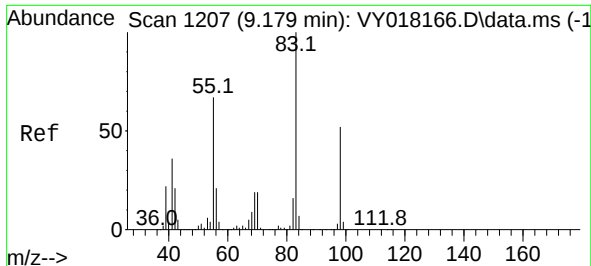
Ion Ratio Lower Upper

117 100

119 108.3 75.8 113.6

121 28.0 24.0 36.0





#39

Methylcyclohexane

Concen: 4.780 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

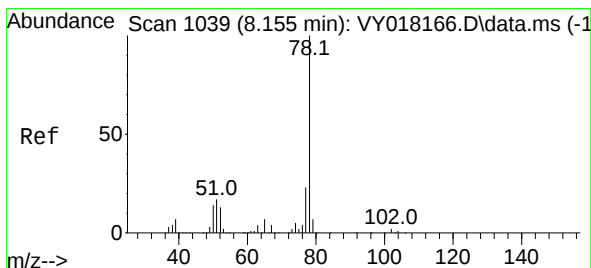
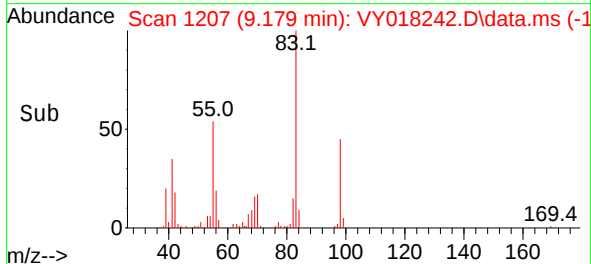
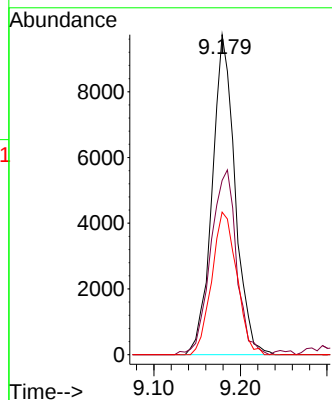
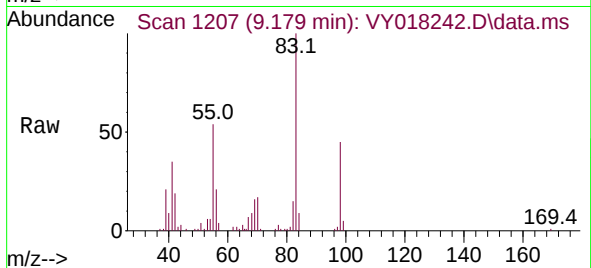
Tgt Ion: 83 Resp: 17907

Ion Ratio Lower Upper

83 100

55 53.4 51.5 77.3

98 44.6 40.5 60.7



#40

Benzene

Concen: 5.010 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018242.D

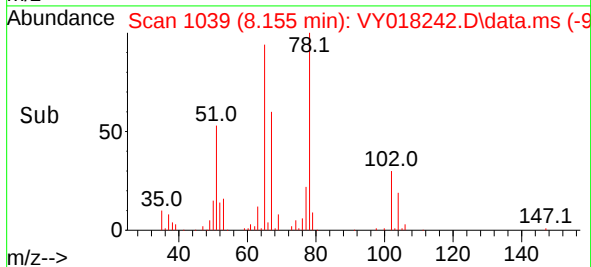
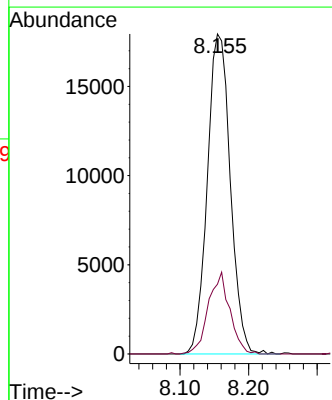
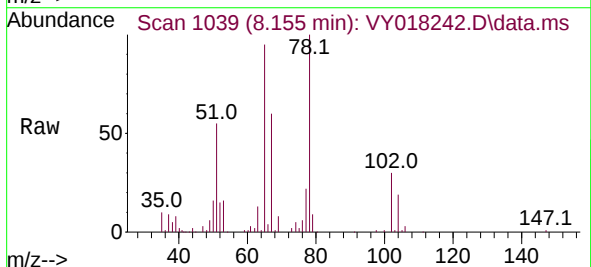
Acq: 13 May 2024 15:25

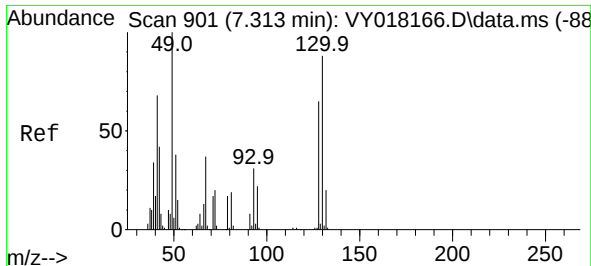
Tgt Ion: 78 Resp: 41845

Ion Ratio Lower Upper

78 100

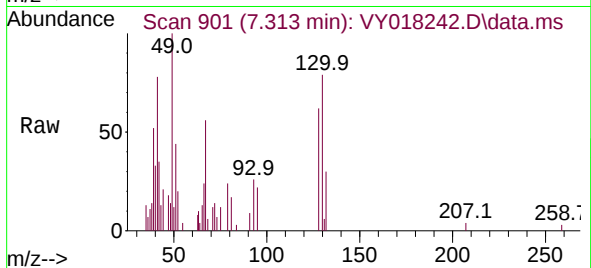
77 21.8 19.5 29.3



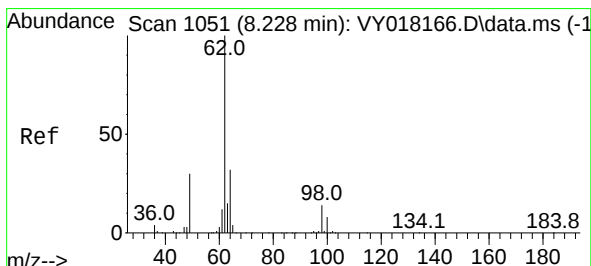
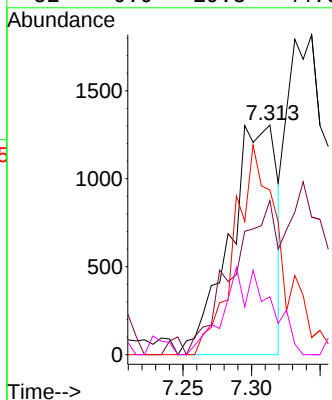
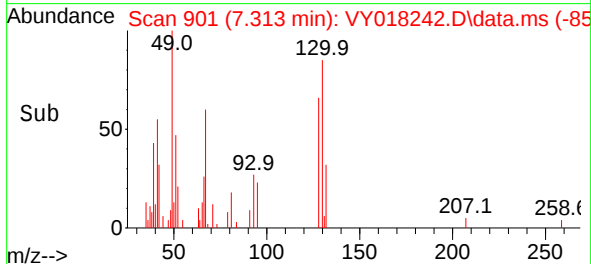


#41
Methacrylonitrile
Concen: 4.961 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

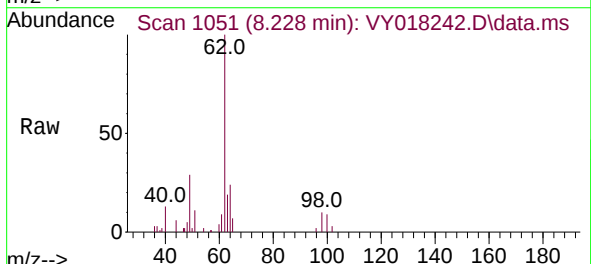
Instrument :
MSVOA_Y
ClientSampleId :



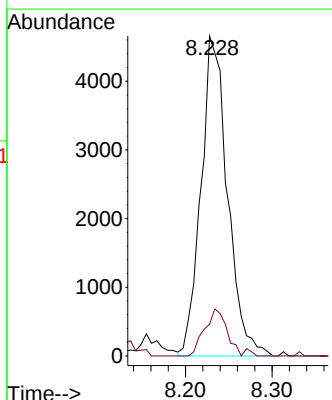
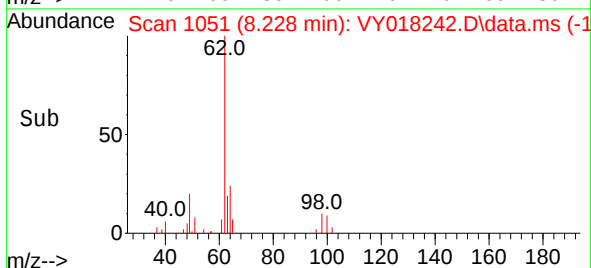
Tgt Ion:	41	Resp:	3131
Ion	Ratio	Lower	Upper
41	100		
39	63.1	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#

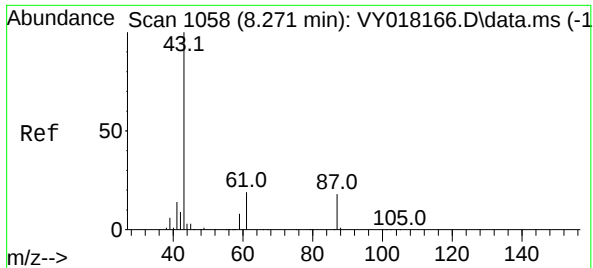


#42
1,2-Dichloroethane
Concen: 5.455 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25



Tgt Ion:	62	Resp:	9913
Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	22.0

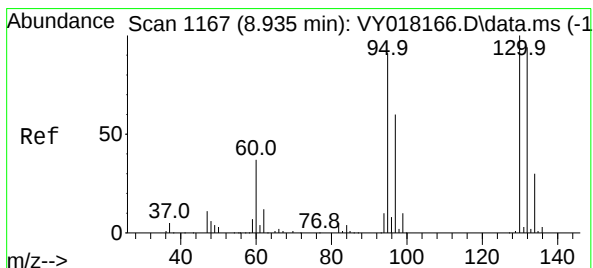
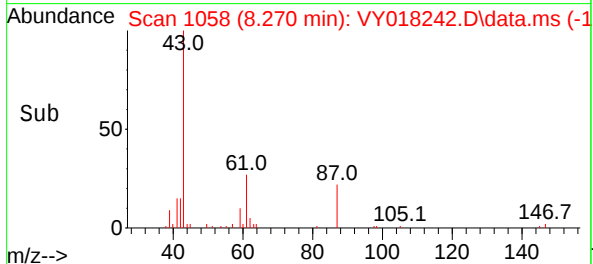
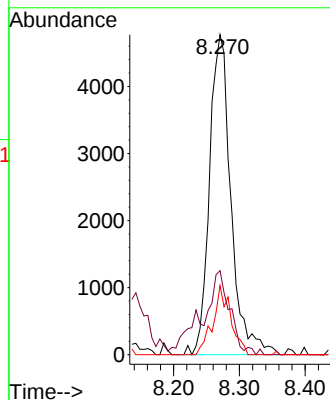
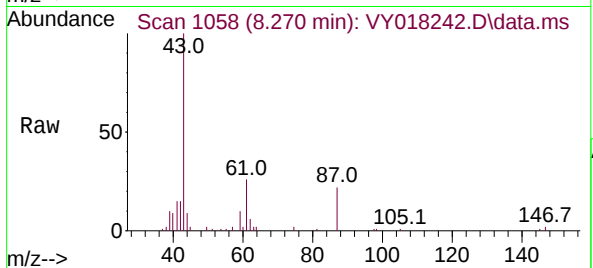




#43
Isopropyl Acetate
Concen: 4.847 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

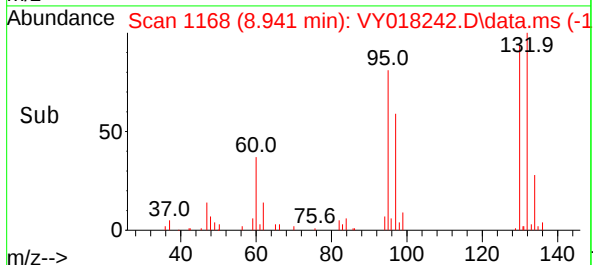
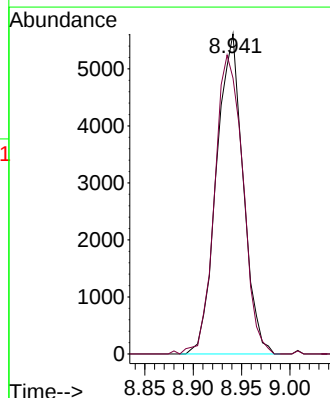
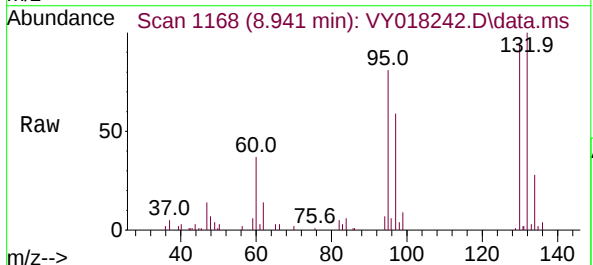
Instrument :
MSVOA_Y
ClientSampleId :

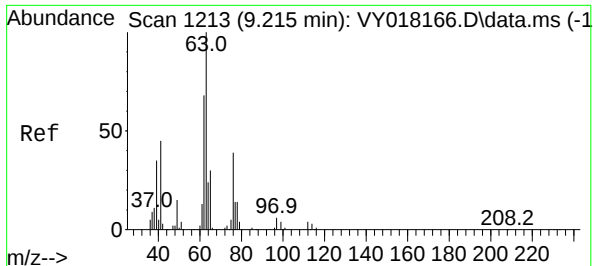
Tgt Ion: 43 Resp: 10858
Ion Ratio Lower Upper
43 100
61 23.6 27.9 41.9#
87 18.1 13.1 19.7



#44
Trichloroethene
Concen: 4.726 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:130 Resp: 10746
Ion Ratio Lower Upper
130 100
95 86.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 5.074 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

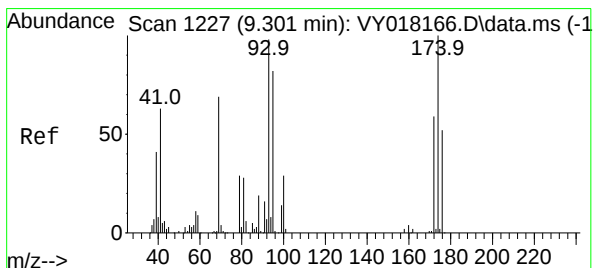
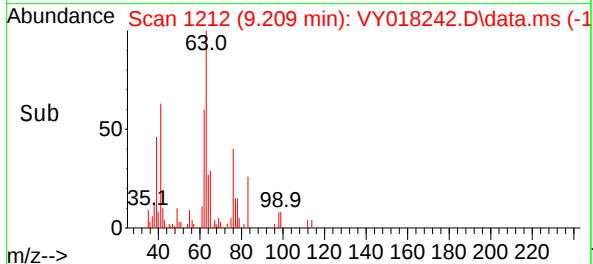
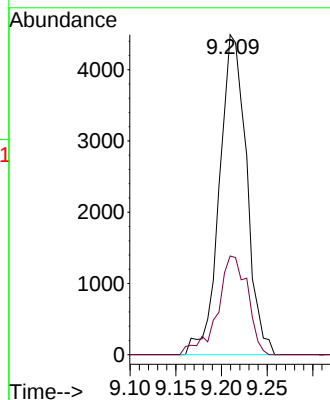
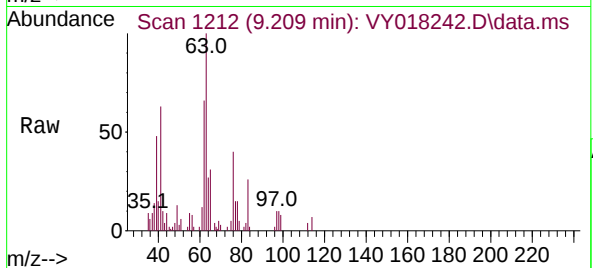
ClientSampleId :

Tgt Ion: 63 Resp: 9265

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 5.000 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

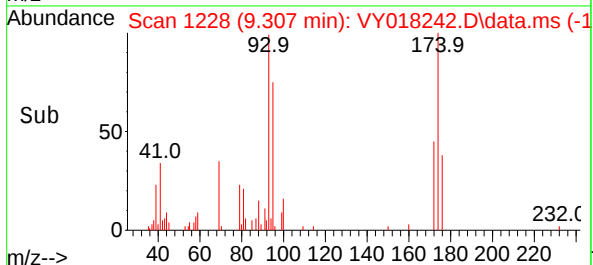
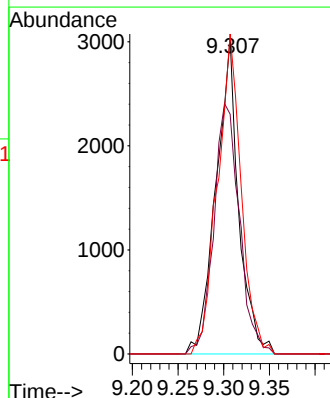
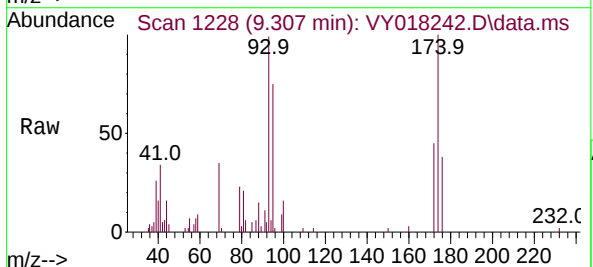
Tgt Ion: 93 Resp: 5249

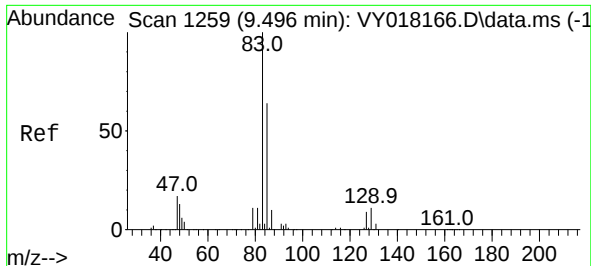
Ion Ratio Lower Upper

93 100

95 89.3 66.2 99.4

174 105.9 80.9 121.3





#47

Bromodichloromethane

Concen: 4.422 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

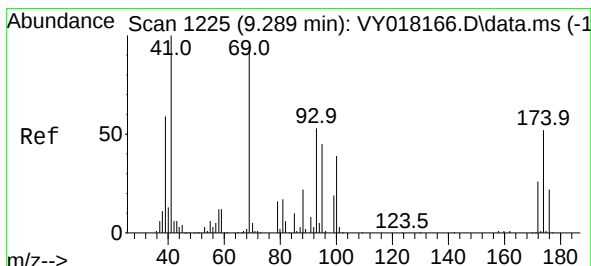
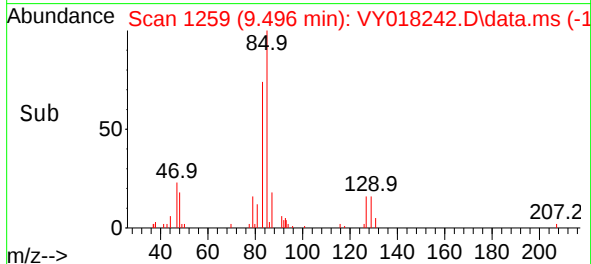
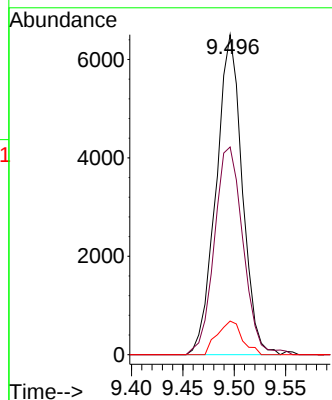
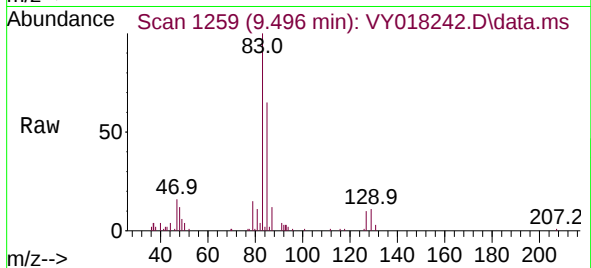
Tgt Ion: 83 Resp: 11476

Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 10.5 7.4 11.0



#48

Methyl methacrylate

Concen: 4.221 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

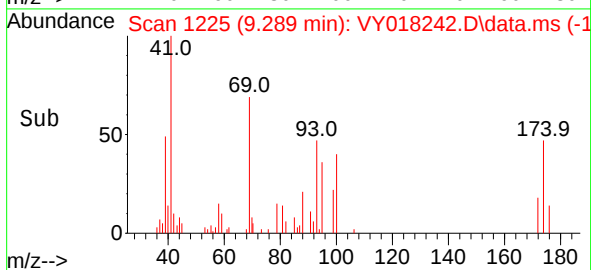
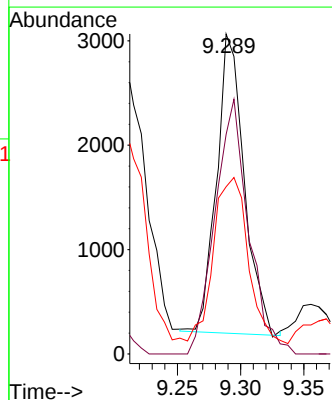
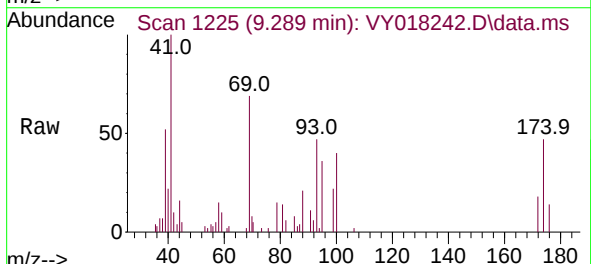
Tgt Ion: 41 Resp: 4333

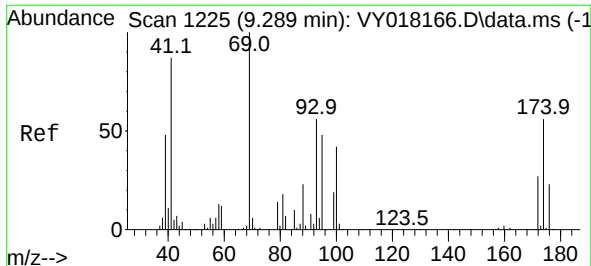
Ion Ratio Lower Upper

41 100

69 103.3 84.1 126.1

39 75.6 43.6 65.4#





#49

1,4-Dioxane

Concen: 109.088 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

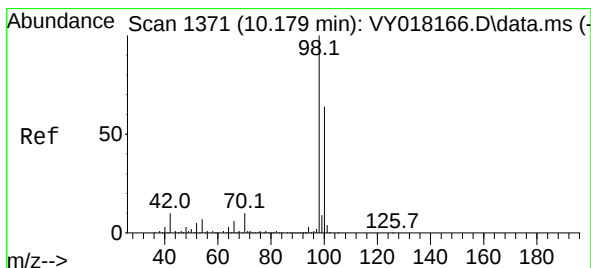
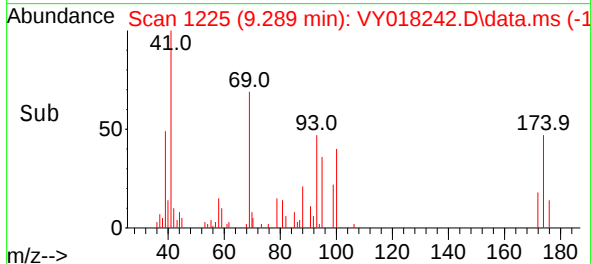
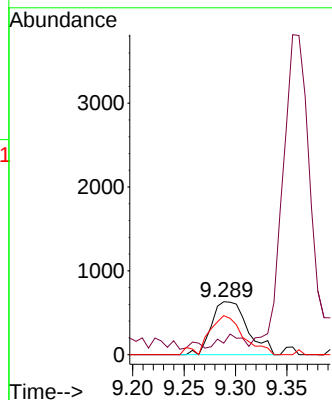
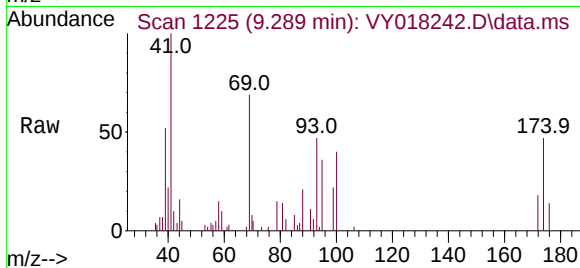
Tgt Ion: 88 Resp: 1520

Ion Ratio Lower Upper

88 100

43 15.9 0.0 0.0#

58 71.3 49.3 73.9



#50

Toluene-d8

Concen: 55.450 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018242.D

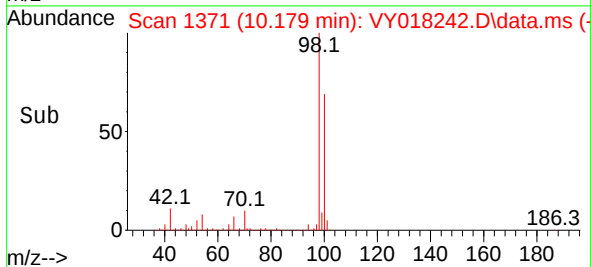
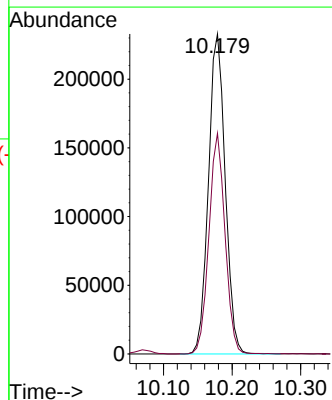
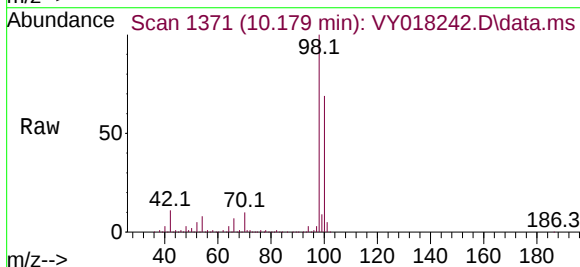
Acq: 13 May 2024 15:25

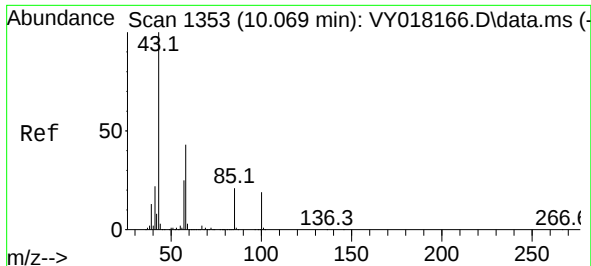
Tgt Ion: 98 Resp: 395770

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 24.036 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

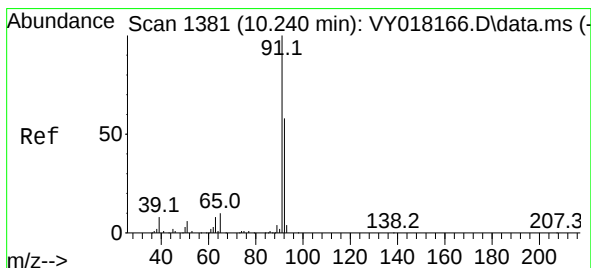
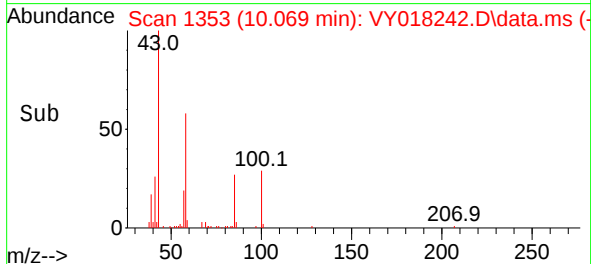
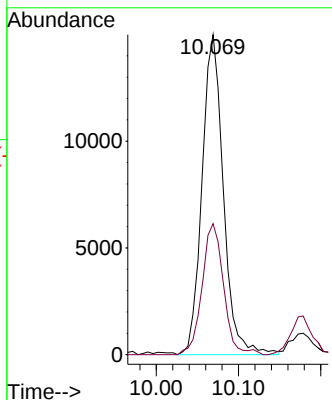
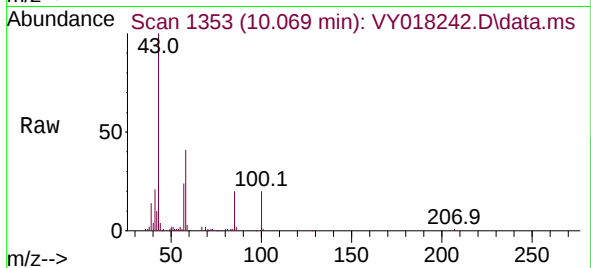
ClientSampleId :

Tgt Ion: 43 Resp: 27061

Ion Ratio Lower Upper

43 100

58 41.1 35.7 53.5



#52

Toluene

Concen: 4.761 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018242.D

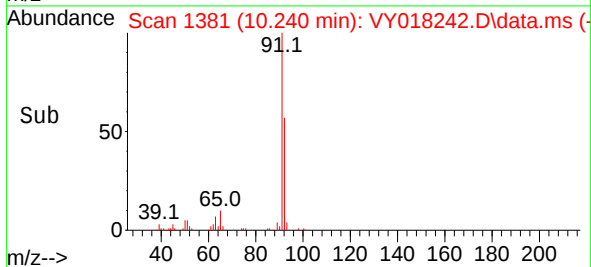
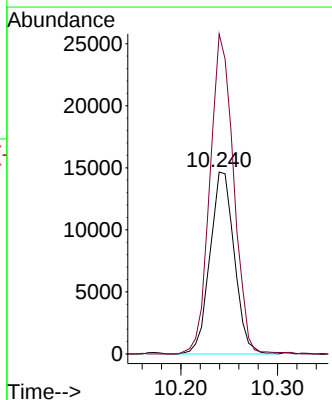
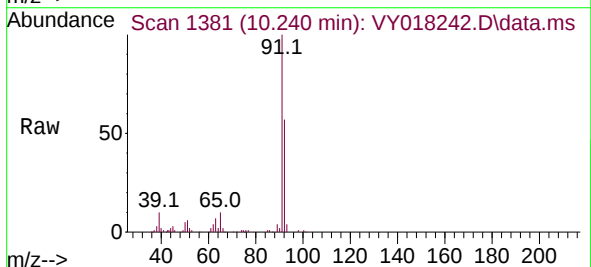
Acq: 13 May 2024 15:25

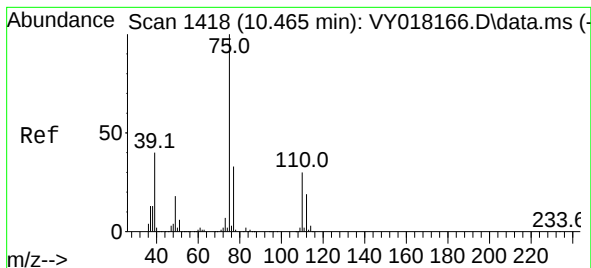
Tgt Ion: 92 Resp: 25597

Ion Ratio Lower Upper

92 100

91 171.9 139.0 208.6

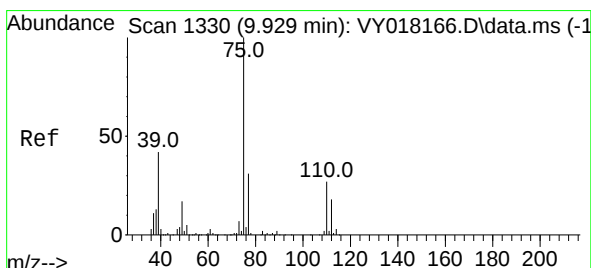
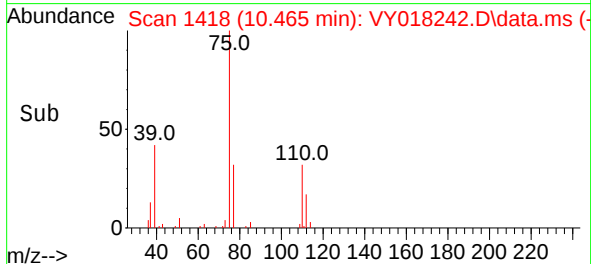
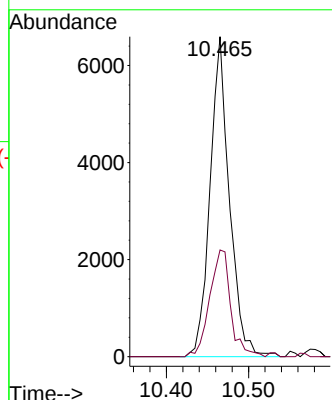
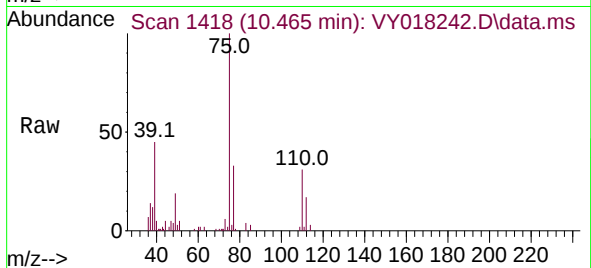




#53
t-1,3-Dichloropropene
Concen: 4.459 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

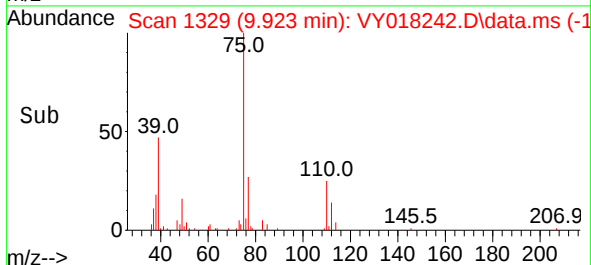
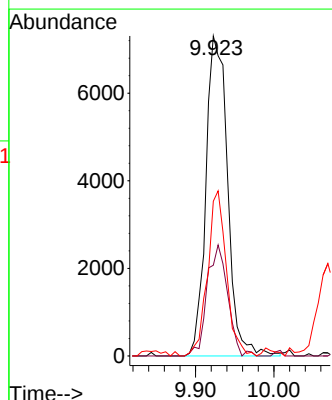
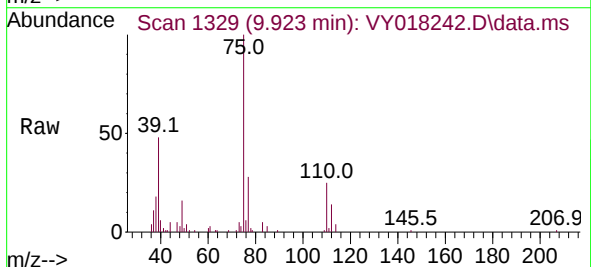
Instrument :
MSVOA_Y
ClientSampleId :

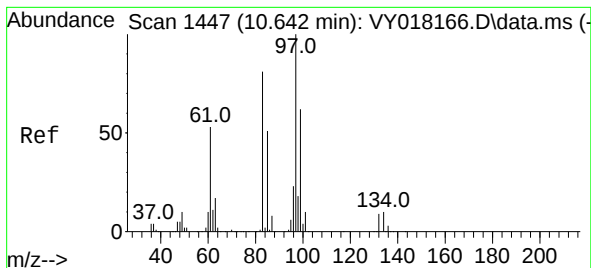
Tgt Ion: 75 Resp: 10808
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 4.741 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 75 Resp: 14048
Ion Ratio Lower Upper
75 100
77 28.4 25.4 38.0
39 48.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 4.736 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 6830

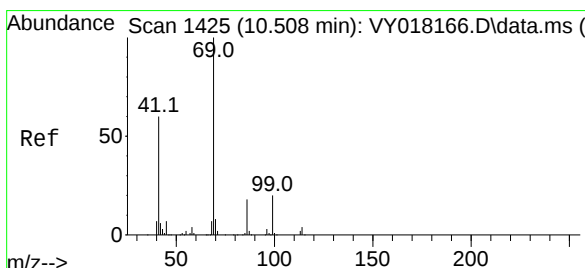
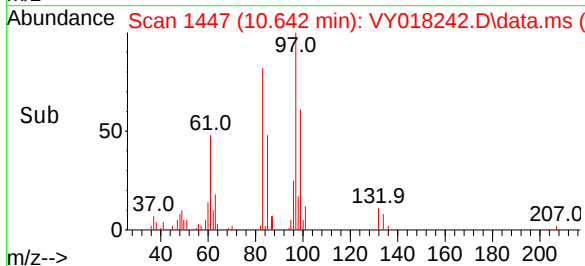
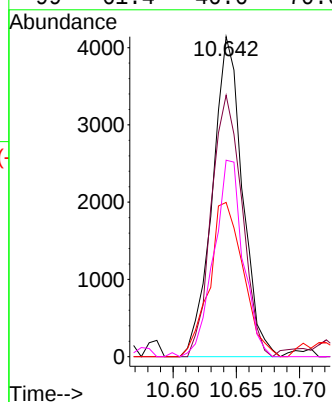
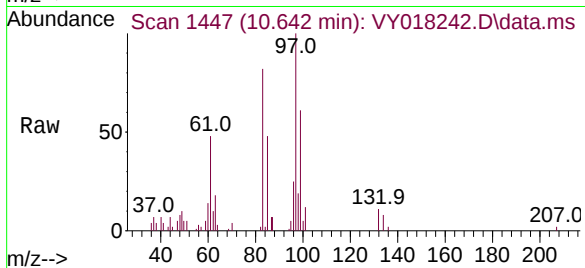
Ion Ratio Lower Upper

97 100

83 81.7 67.5 101.3

85 48.2 42.9 64.3

99 61.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 4.331 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

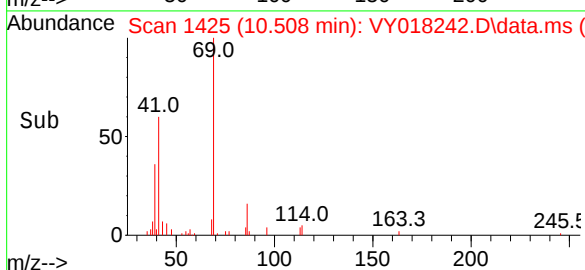
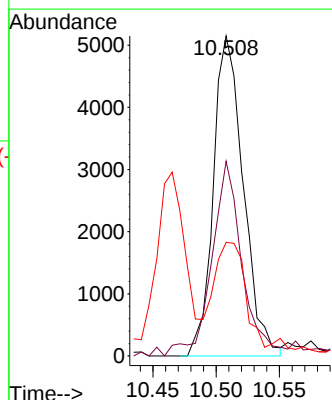
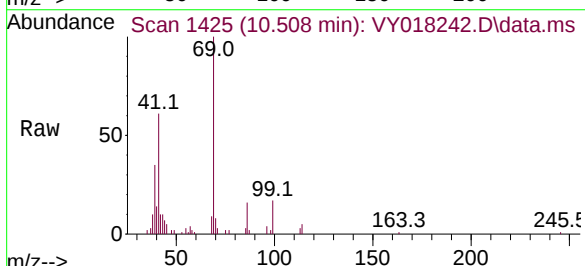
Tgt Ion: 69 Resp: 8483

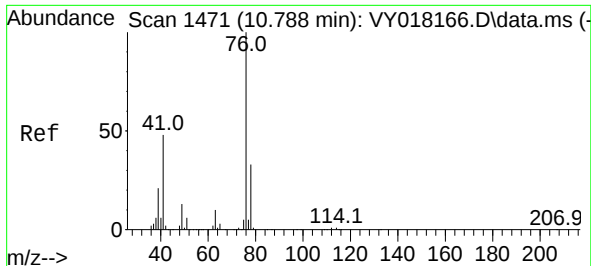
Ion Ratio Lower Upper

69 100

41 62.3 42.3 63.5

39 31.9 22.9 34.3





#57

1,3-Dichloropropane

Concen: 4.837 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

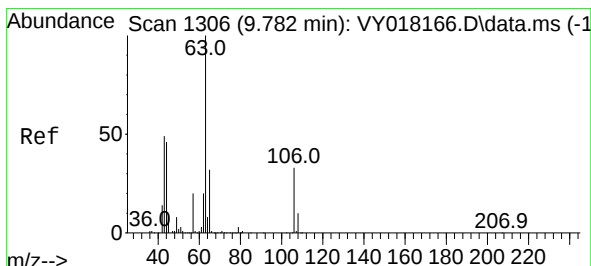
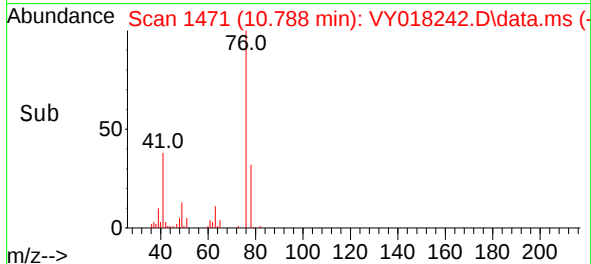
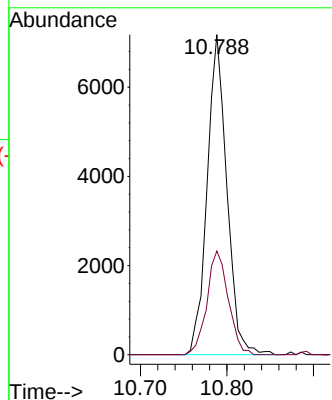
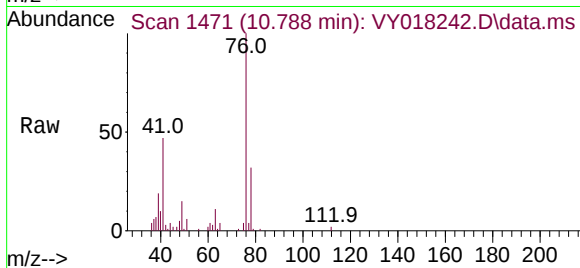
ClientSampleId :

Tgt Ion: 76 Resp: 11352

Ion Ratio Lower Upper

76 100

78 35.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 23.132 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY018242.D

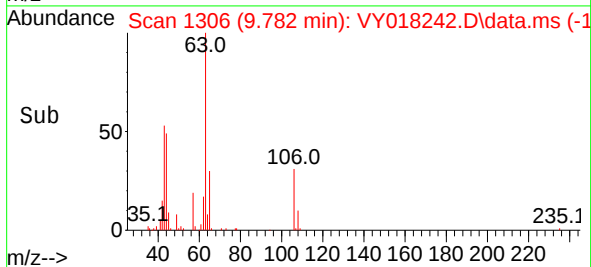
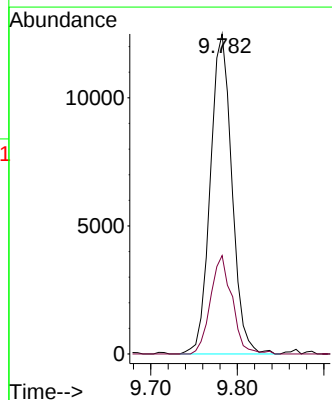
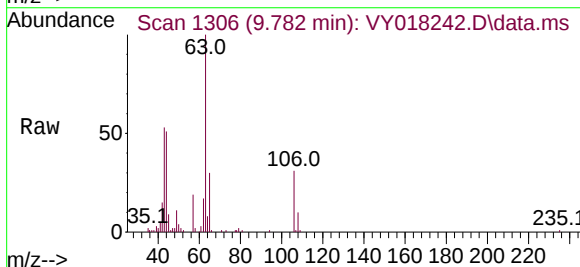
Acq: 13 May 2024 15:25

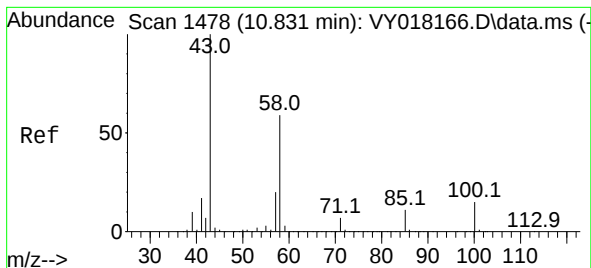
Tgt Ion: 63 Resp: 21632

Ion Ratio Lower Upper

63 100

106 30.8 23.7 35.5





#59

2-Hexanone

Concen: 23.107 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

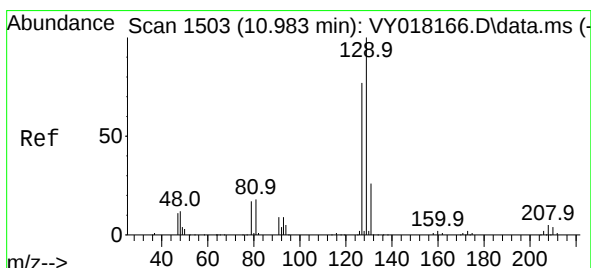
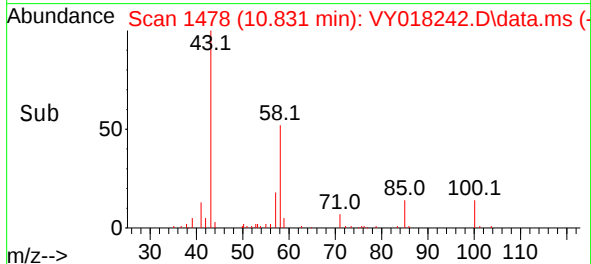
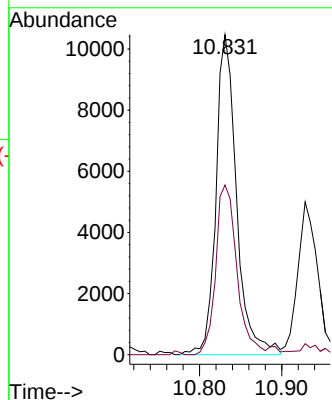
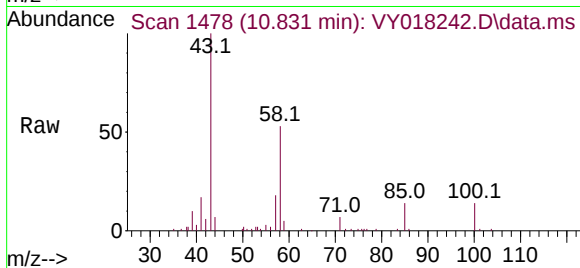
ClientSampleId :

Tgt Ion: 43 Resp: 18190

Ion Ratio Lower Upper

43 100

58 54.4 31.4 94.0



#60

Dibromochloromethane

Concen: 4.262 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY018242.D

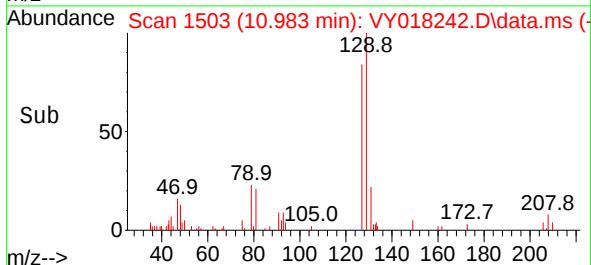
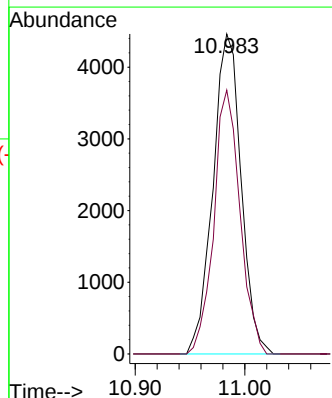
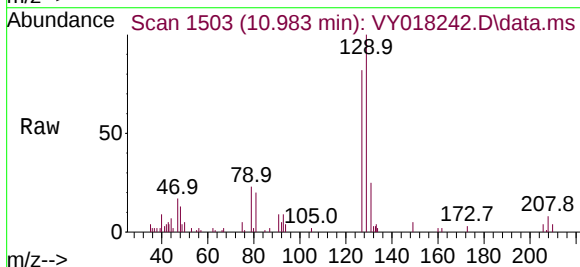
Acq: 13 May 2024 15:25

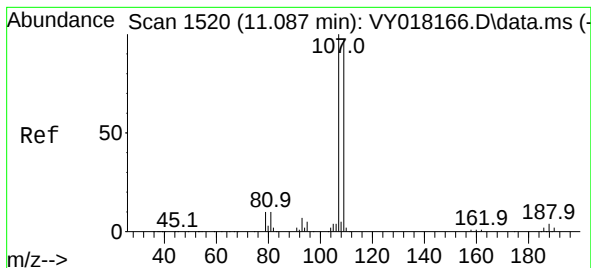
Tgt Ion: 129 Resp: 7973

Ion Ratio Lower Upper

129 100

127 76.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.380 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

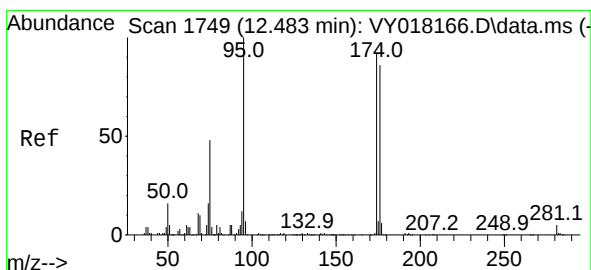
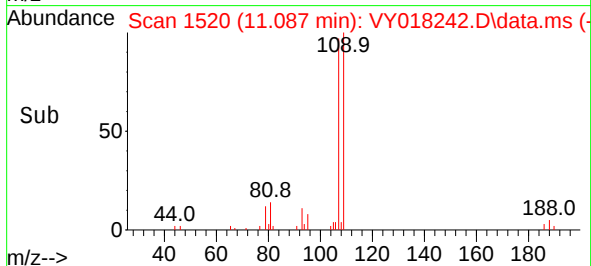
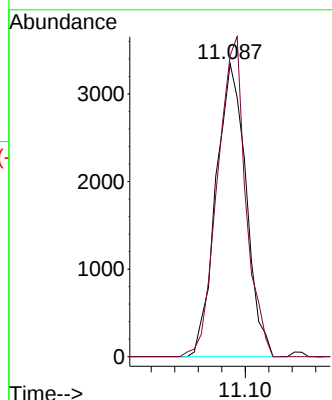
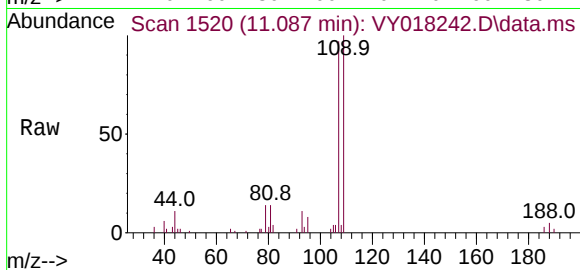
ClientSampleId :

Tgt Ion:107 Resp: 5949

Ion Ratio Lower Upper

107 100

109 102.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.139 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

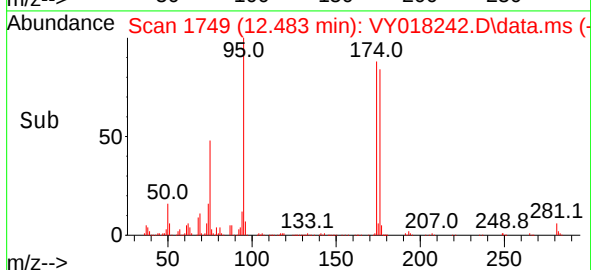
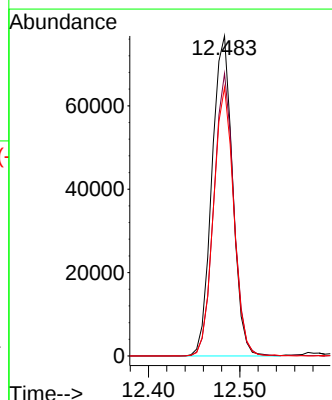
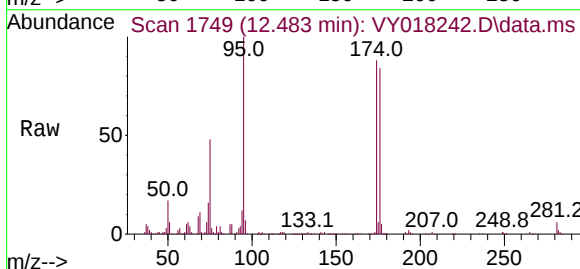
Tgt Ion: 95 Resp: 120179

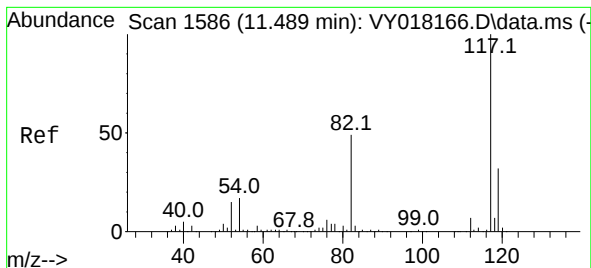
Ion Ratio Lower Upper

95 100

174 85.1 0.0 175.6

176 82.5 0.0 171.4

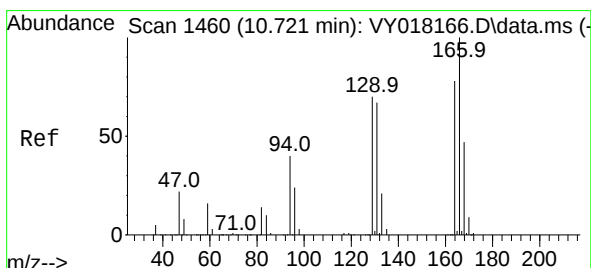
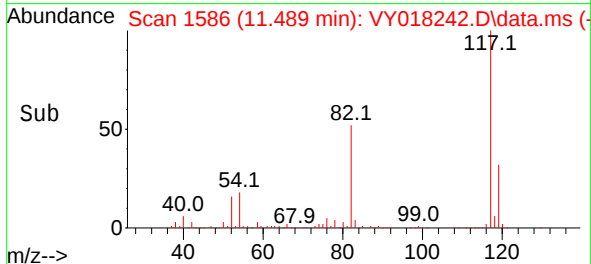
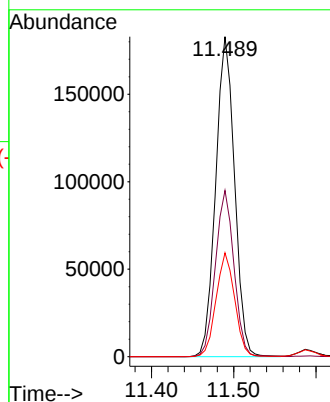
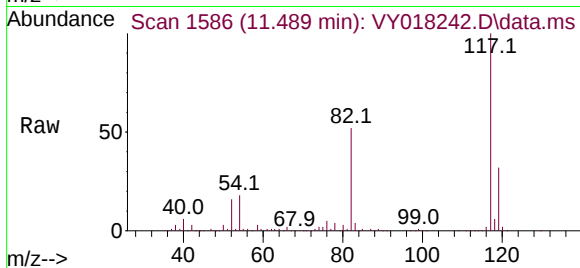




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

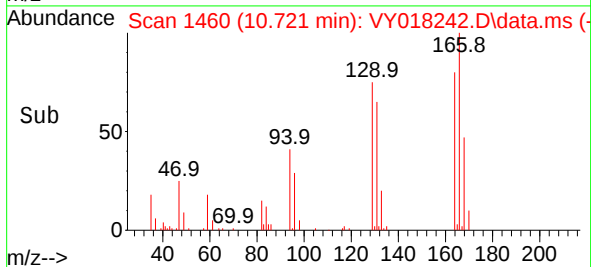
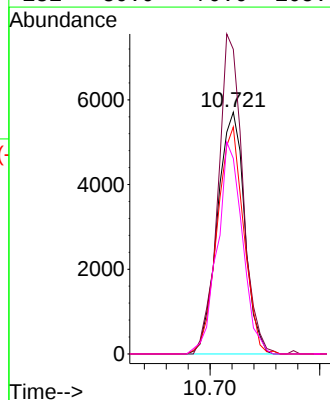
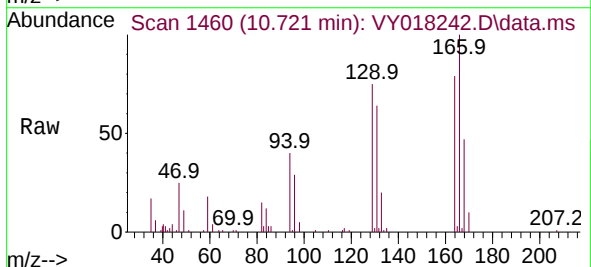
Instrument :
MSVOA_Y
ClientSampleId :

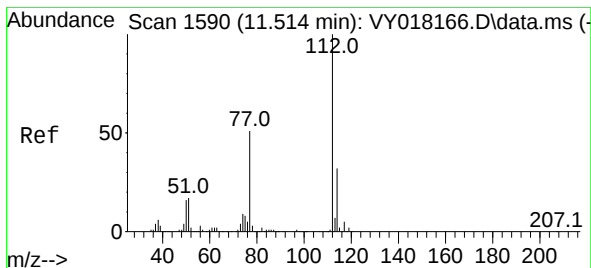
Tgt Ion:117 Resp: 292055
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 5.054 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:164 Resp: 9828
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 93.9 72.0 108.0
131 80.9 70.0 105.0

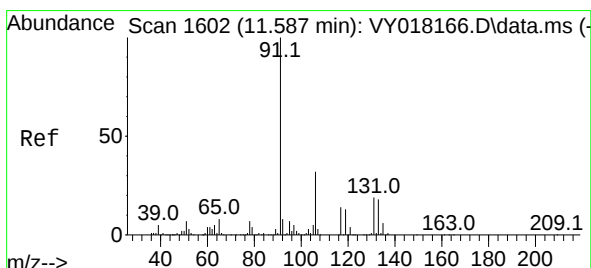
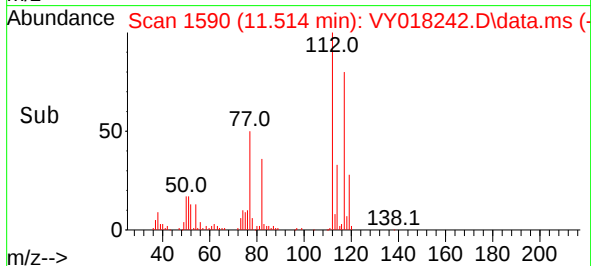
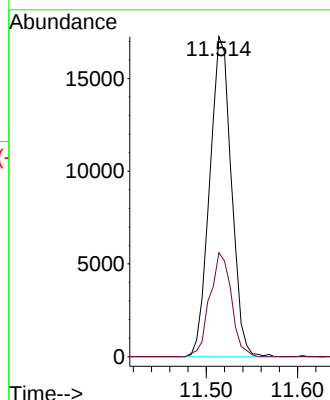
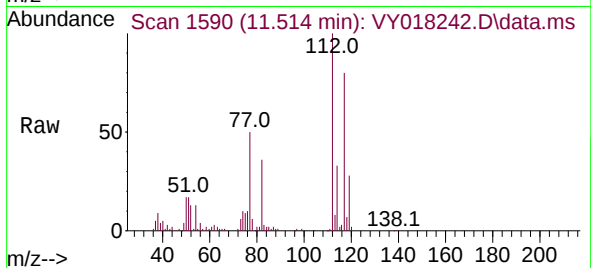




#65
Chlorobenzene
Concen: 4.778 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

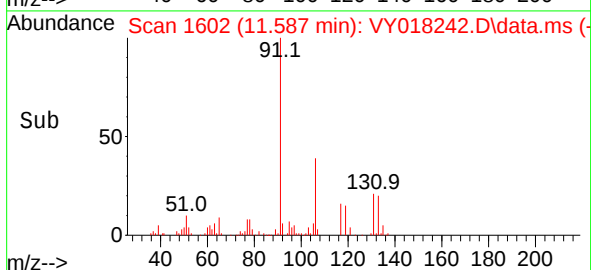
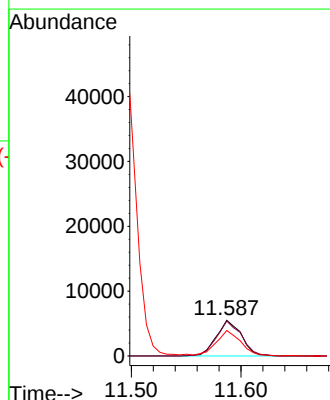
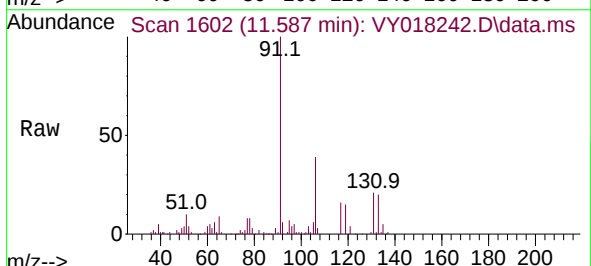
Instrument :
MSVOA_Y
ClientSampleId :

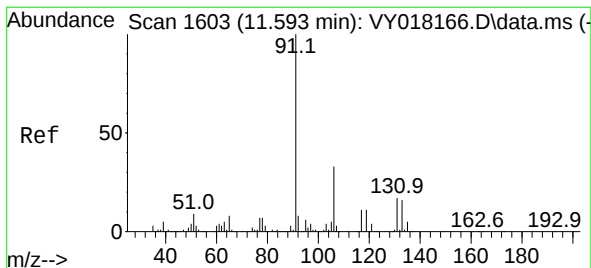
Tgt Ion:112 Resp: 28421
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.515 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:131 Resp: 8687
Ion Ratio Lower Upper
131 100
133 99.2 47.8 143.3
119 70.7 34.1 102.2





#67

Ethyl Benzene

Concen: 4.742 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

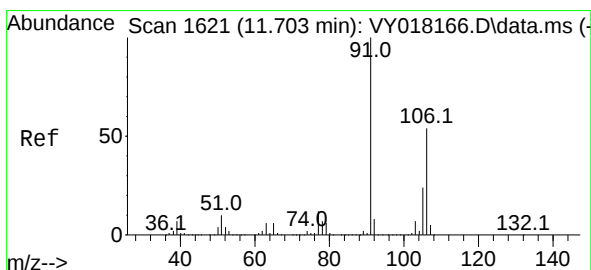
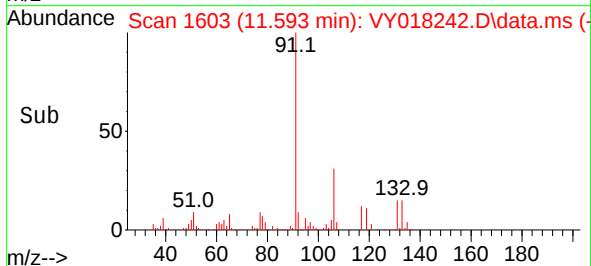
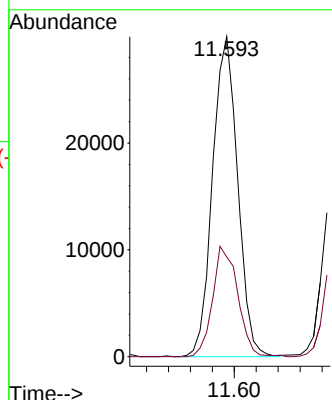
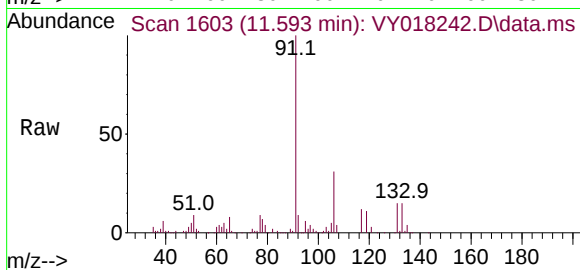
ClientSampleId :

Tgt Ion: 91 Resp: 47624

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 9.611 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018242.D

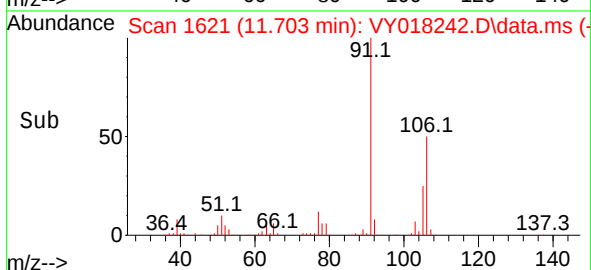
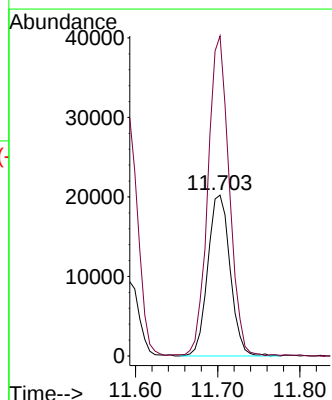
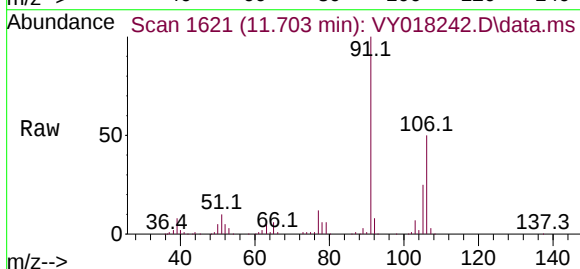
Acq: 13 May 2024 15:25

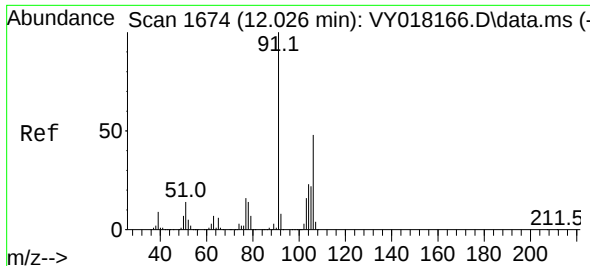
Tgt Ion:106 Resp: 38171

Ion Ratio Lower Upper

106 100

91 189.4 156.0 234.0





#69

o-Xylene

Concen: 4.566 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

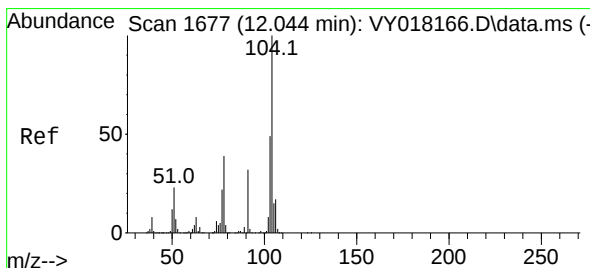
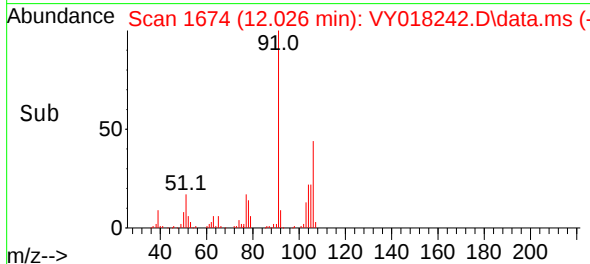
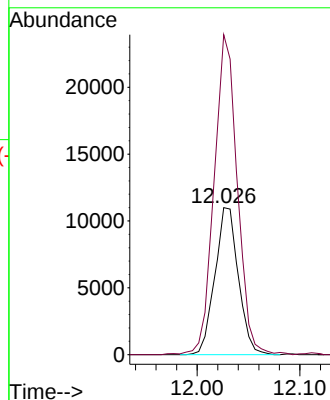
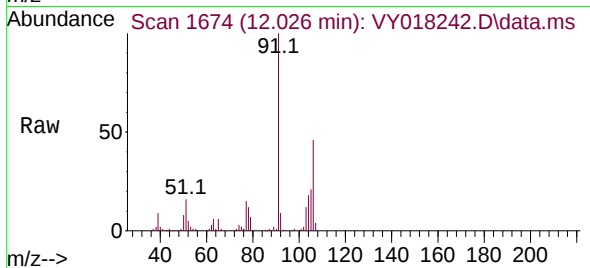
ClientSampleId :

Tgt Ion:106 Resp: 17401

Ion Ratio Lower Upper

106 100

91 215.8 103.6 310.8



#70

Styrene

Concen: 4.517 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

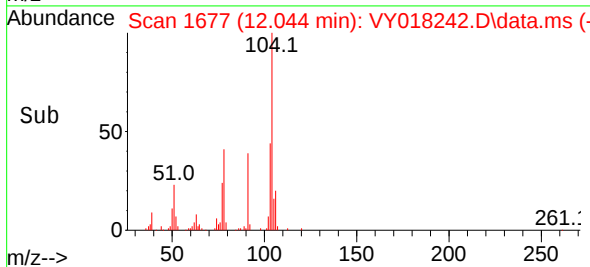
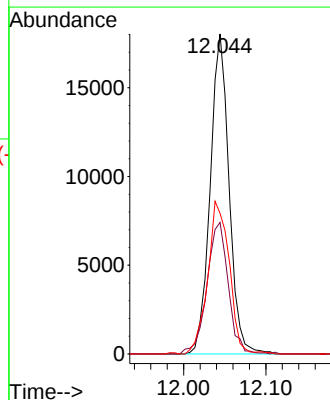
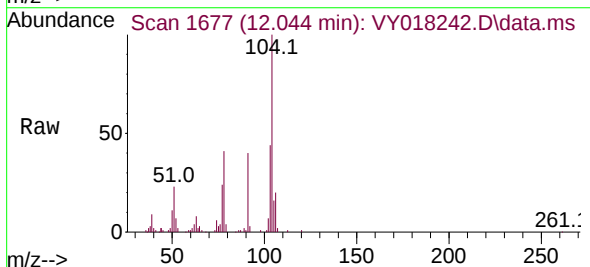
Tgt Ion:104 Resp: 28750

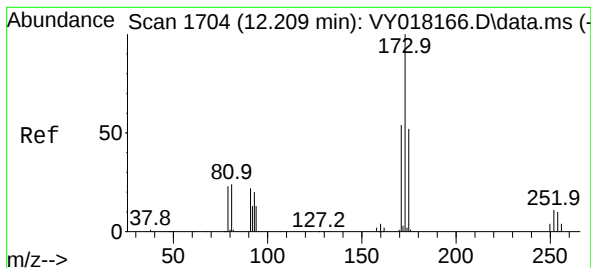
Ion Ratio Lower Upper

104 100

78 46.3 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 4.350 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

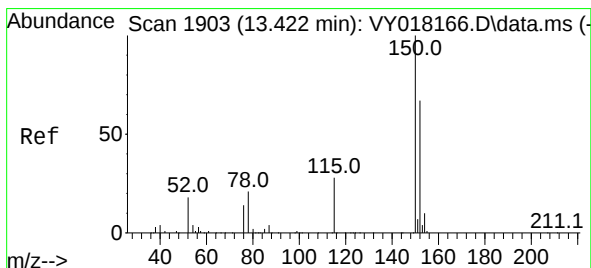
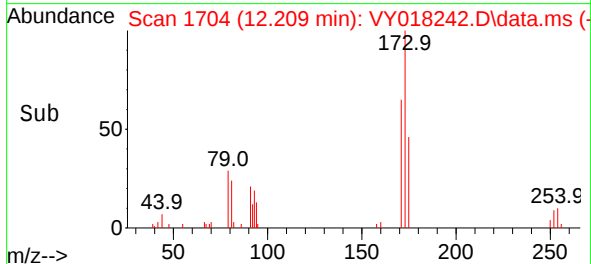
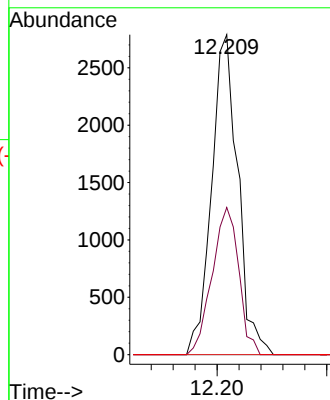
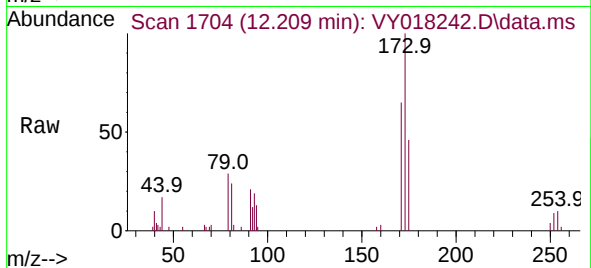
Tgt Ion:173 Resp: 4631

Ion Ratio Lower Upper

173 100

175 46.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

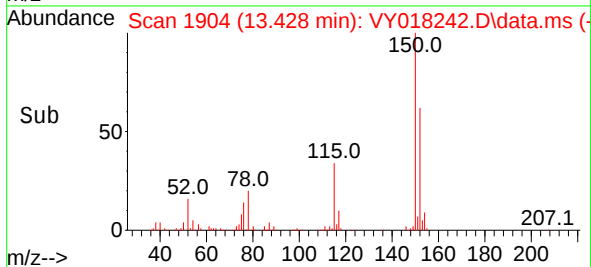
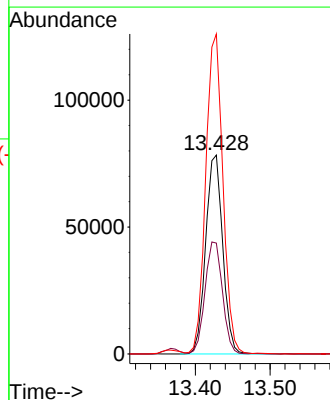
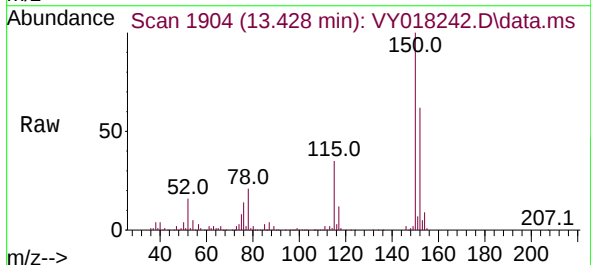
Tgt Ion:152 Resp: 124153

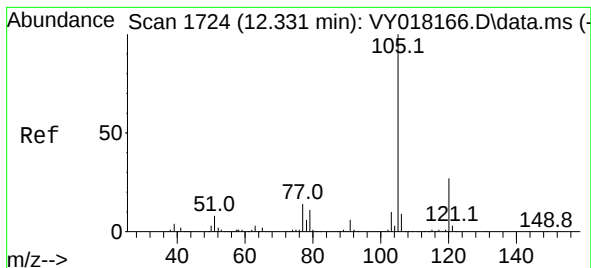
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 160.8 0.0 345.6





#73

Isopropylbenzene

Concen: 4.938 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

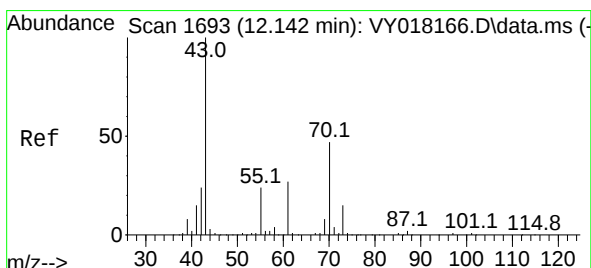
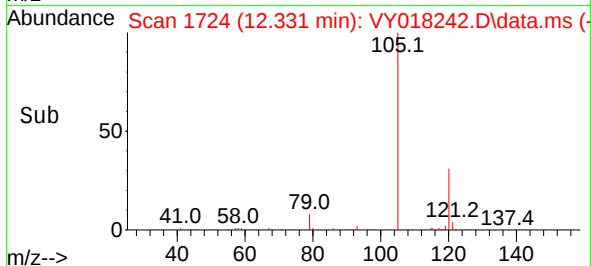
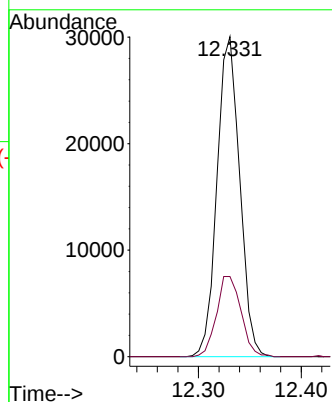
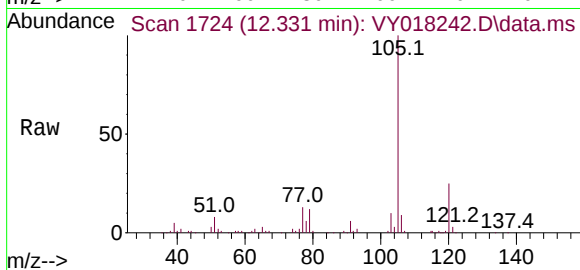
ClientSampleId :

Tgt Ion:105 Resp: 45962

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 4.332 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion: 43 Resp: 8371

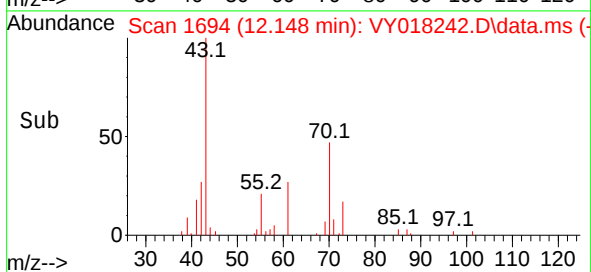
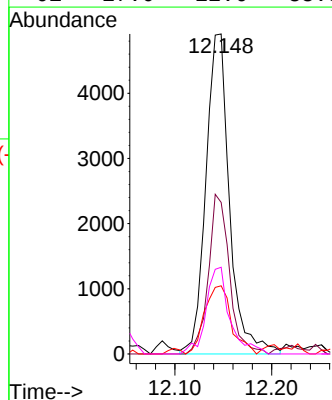
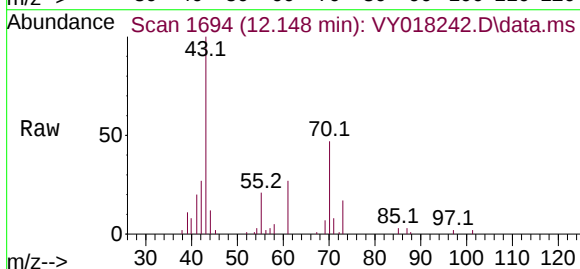
Ion Ratio Lower Upper

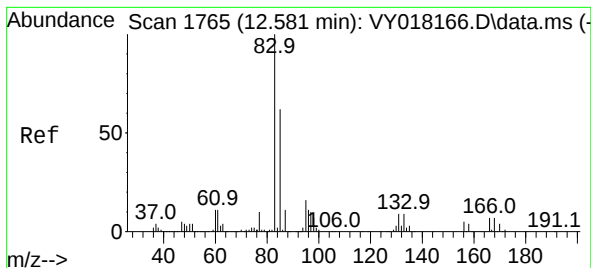
43 100

70 44.3 41.4 62.2

55 24.0 23.3 34.9

61 27.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.035 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

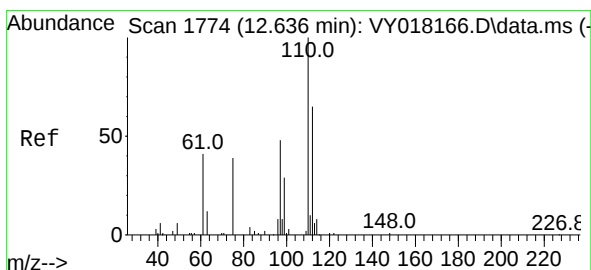
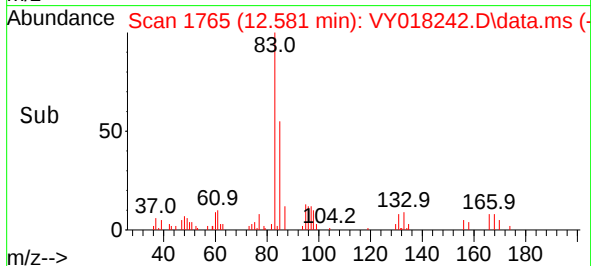
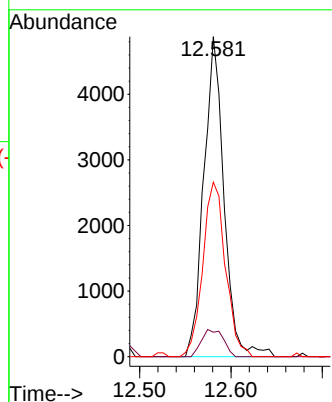
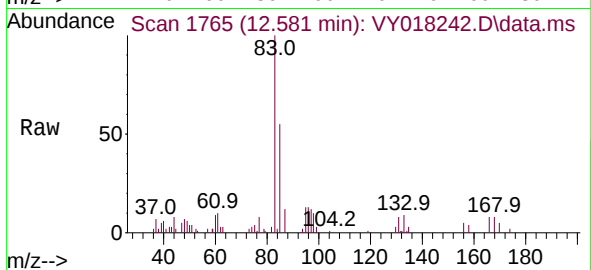
Tgt Ion: 83 Resp: 7476

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

85 61.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 9.429 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018242.D

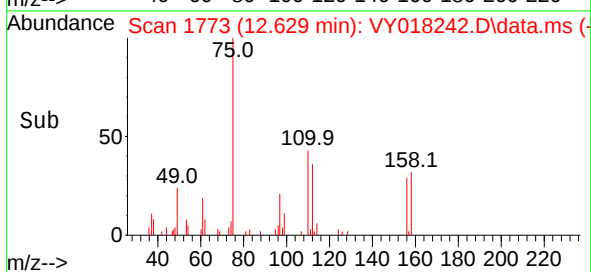
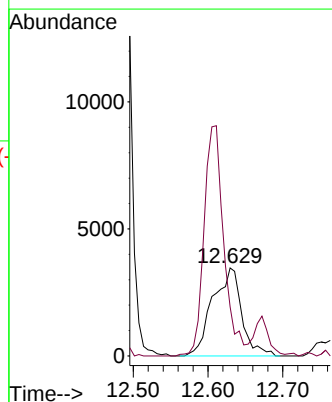
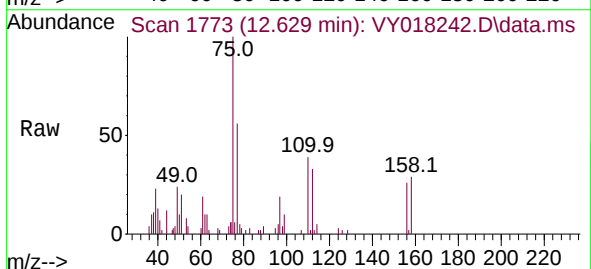
Acq: 13 May 2024 15:25

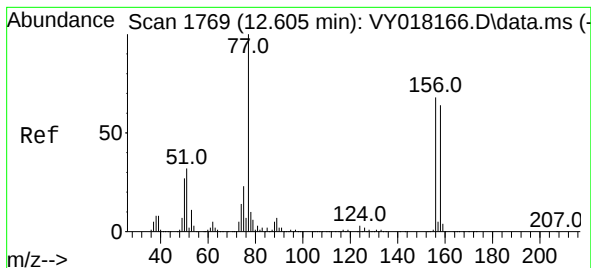
Tgt Ion: 75 Resp: 9370

Ion Ratio Lower Upper

75 100

77 177.3 0.0 0.0#





#77

Bromobenzene

Concen: 4.721 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018242.D

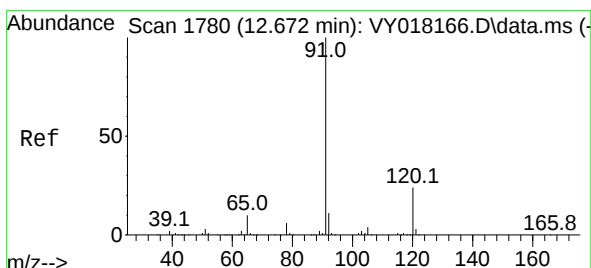
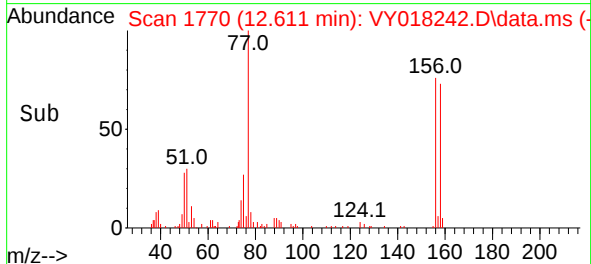
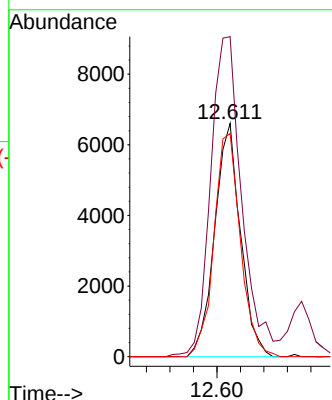
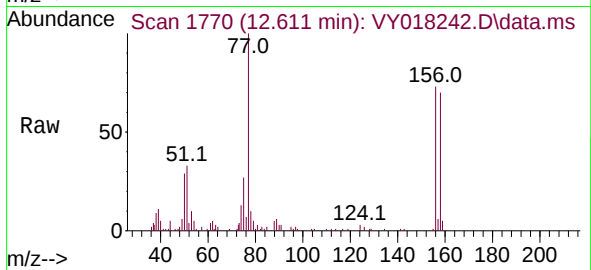
Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	10095
Ion Ratio	Lower	Upper	
156	100		
77	164.6	87.1	261.3
158	97.9	48.6	145.9



#78

n-propylbenzene

Concen: 4.895 ug/l

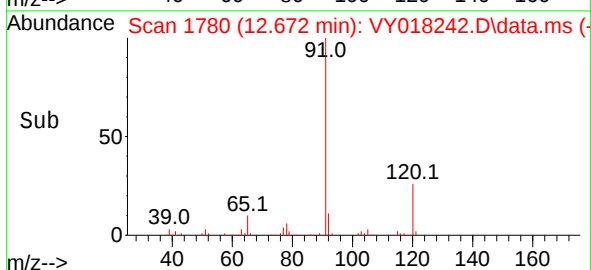
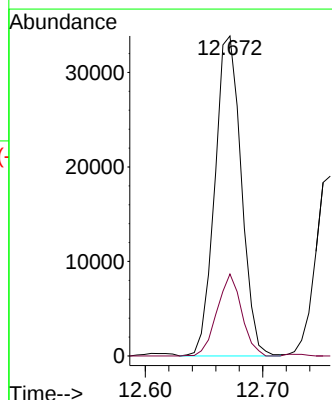
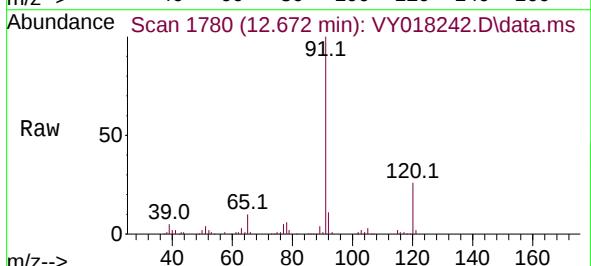
RT: 12.672 min Scan# 1780

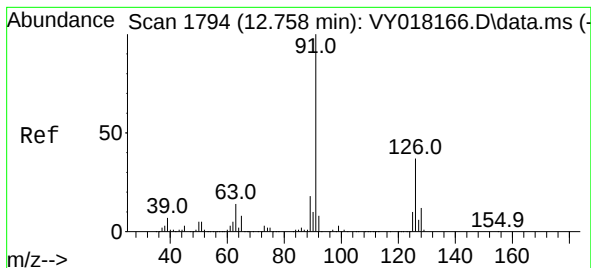
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	91	Resp:	52996
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 4.925 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

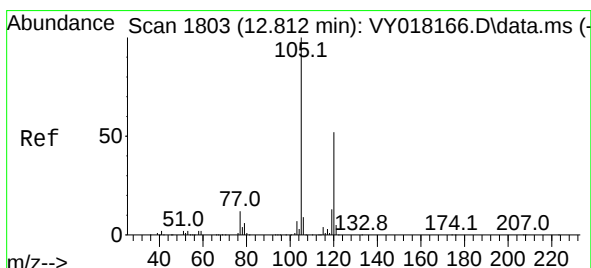
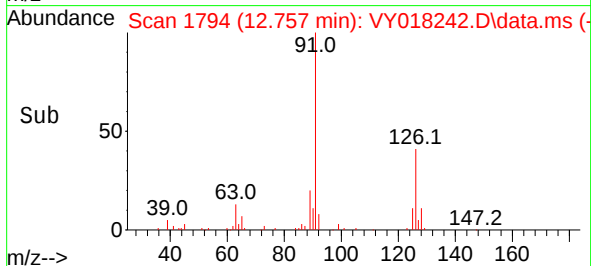
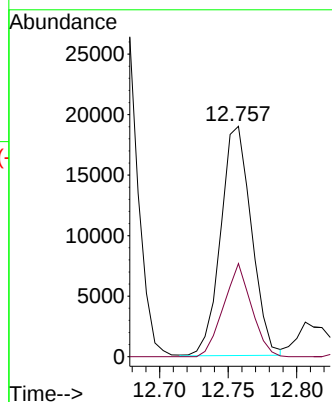
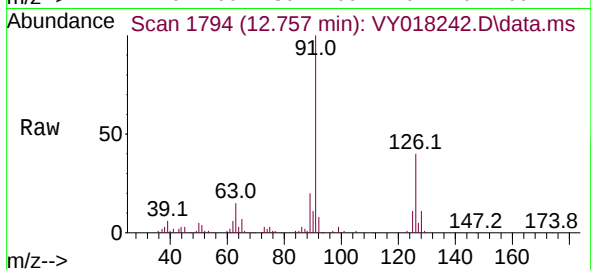
ClientSampleId :

Tgt Ion: 91 Resp: 29633

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 4.869 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY018242.D

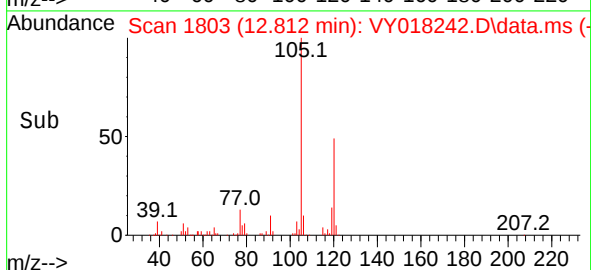
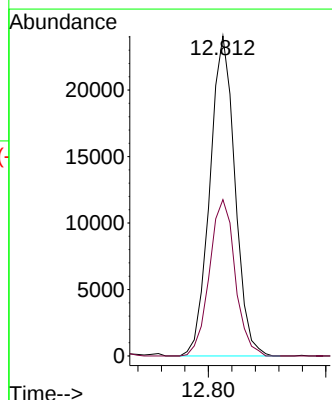
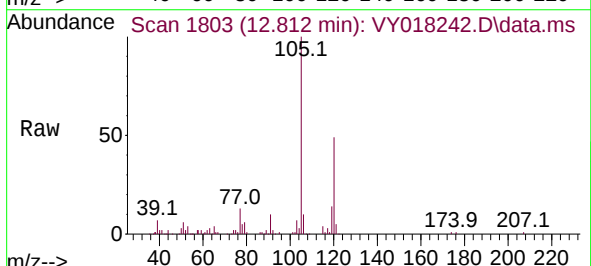
Acq: 13 May 2024 15:25

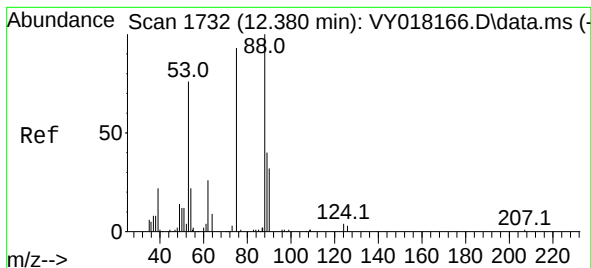
Tgt Ion:105 Resp: 35740

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

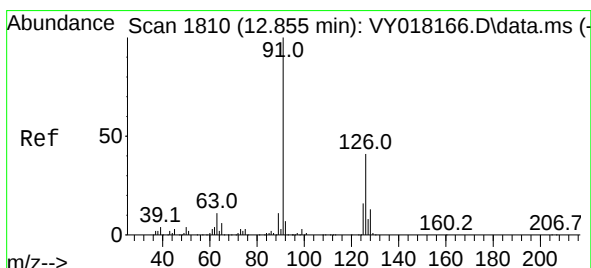
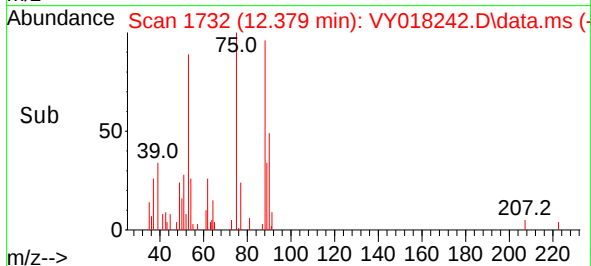
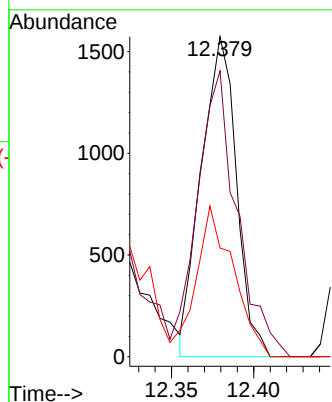
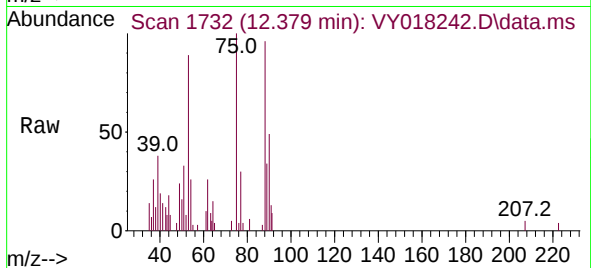




#81
trans-1,4-Dichloro-2-butene
Concen: 4.537 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

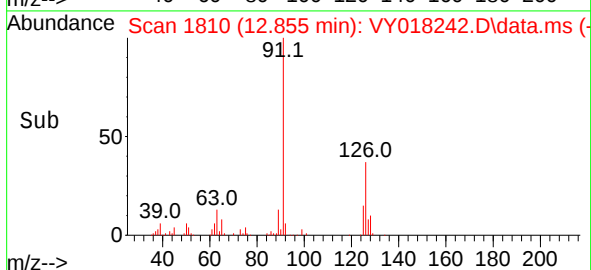
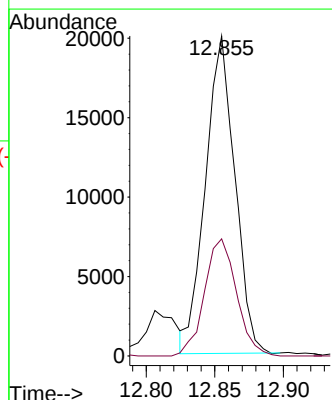
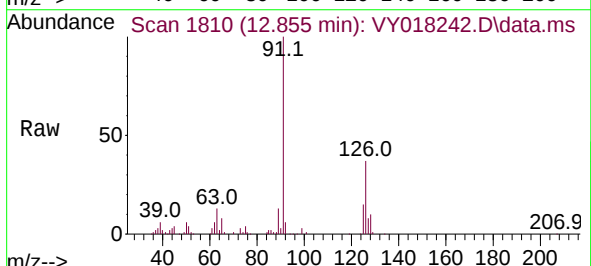
Instrument :
MSVOA_Y
ClientSampleId :

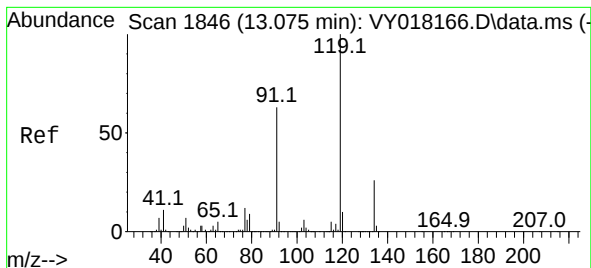
Tgt Ion: 75 Resp: 2340
Ion Ratio Lower Upper
75 100
53 100.1 66.8 100.2
89 49.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 4.934 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 91 Resp: 29821
Ion Ratio Lower Upper
91 100
126 40.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 4.916 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

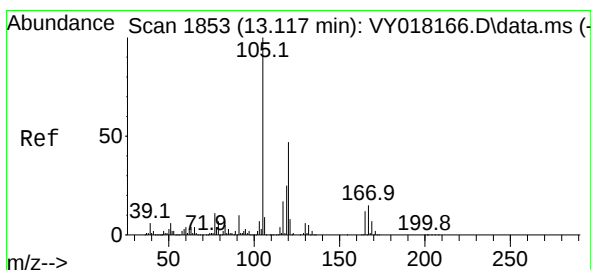
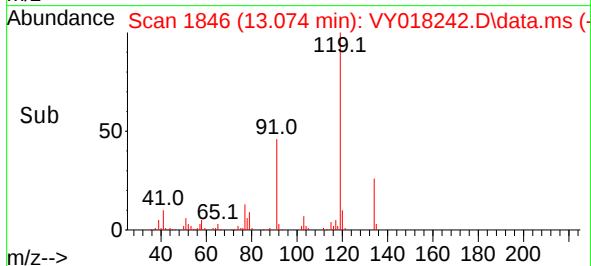
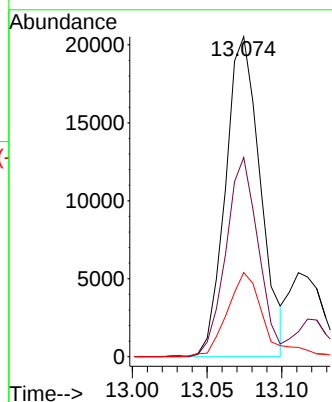
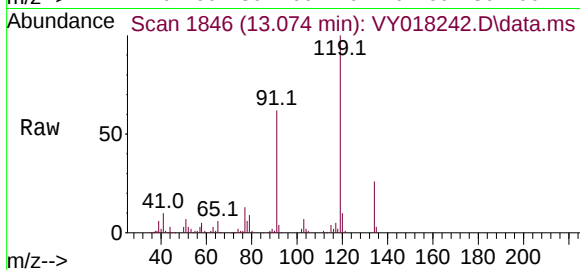
Tgt Ion:119 Resp: 33283

Ion Ratio Lower Upper

119 100

91 58.2 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.781 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018242.D

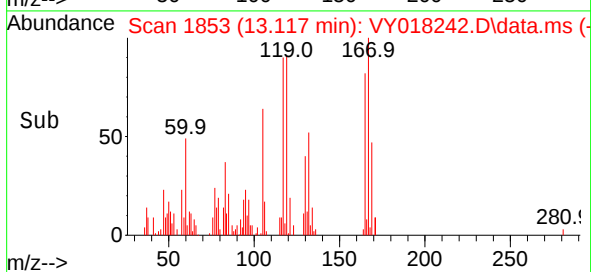
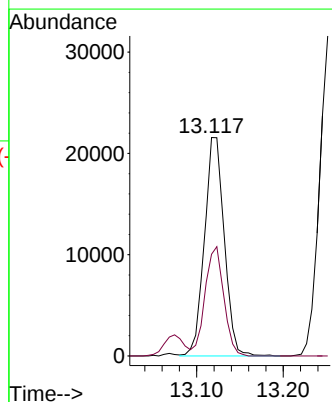
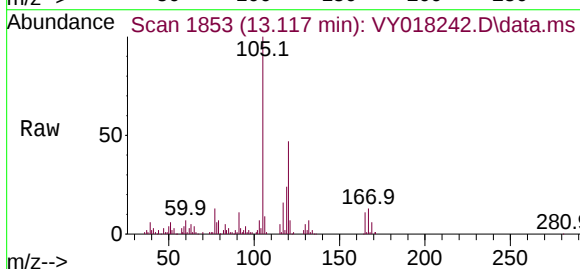
Acq: 13 May 2024 15:25

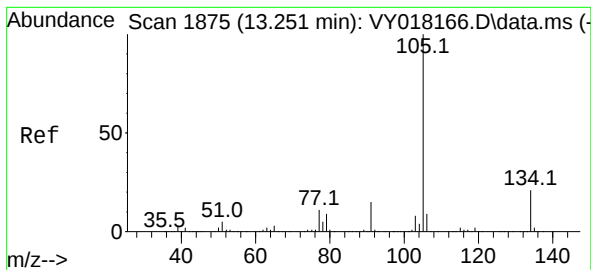
Tgt Ion:105 Resp: 34378

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.786 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

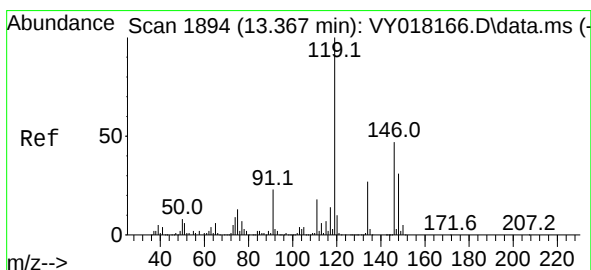
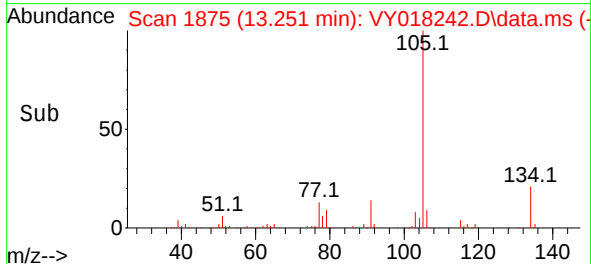
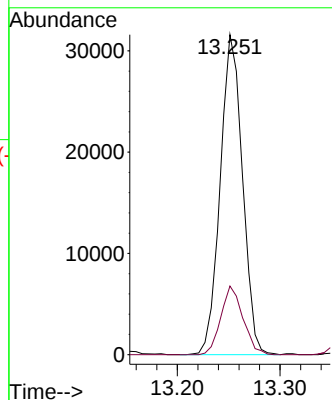
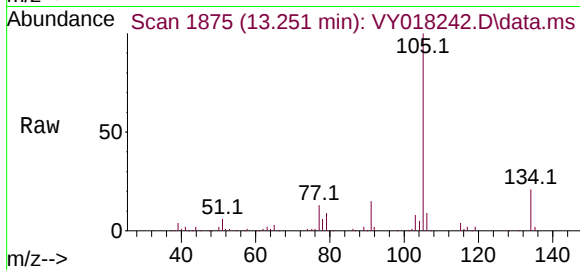
ClientSampleId :

Tgt Ion:105 Resp: 47533

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 4.838 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

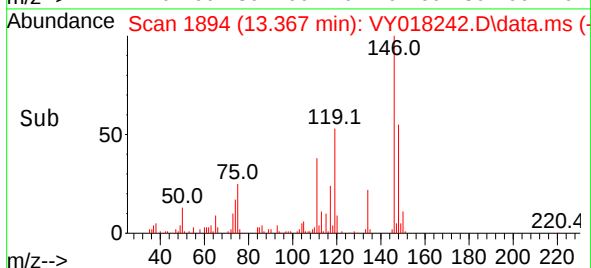
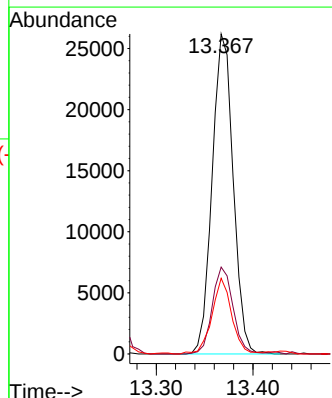
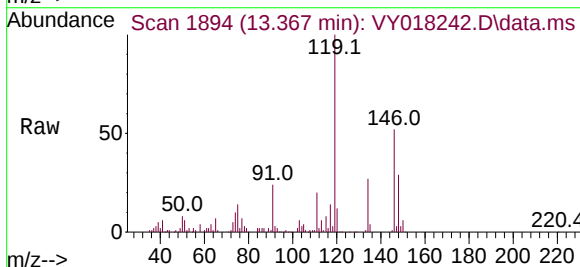
Tgt Ion:119 Resp: 39526

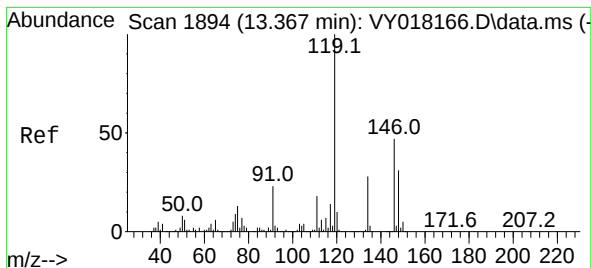
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.835 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

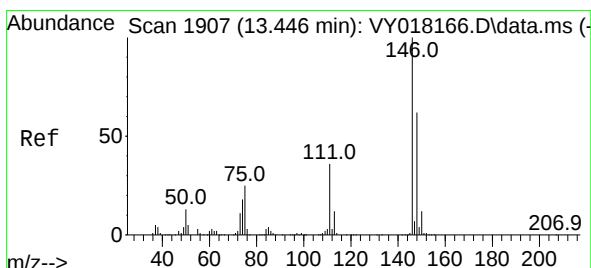
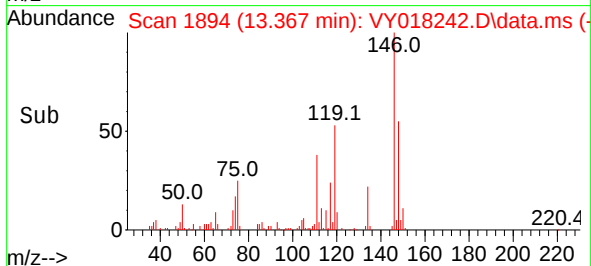
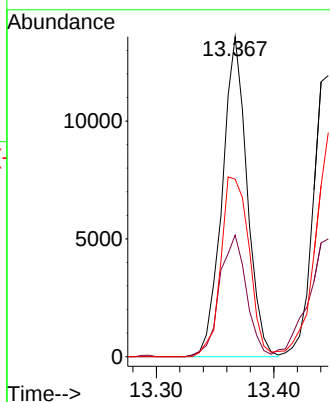
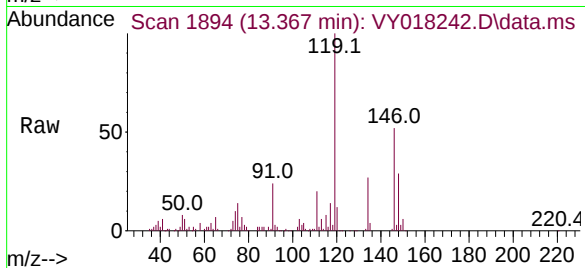
Tgt Ion:146 Resp: 19969

Ion Ratio Lower Upper

146 100

111 40.9 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 4.955 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

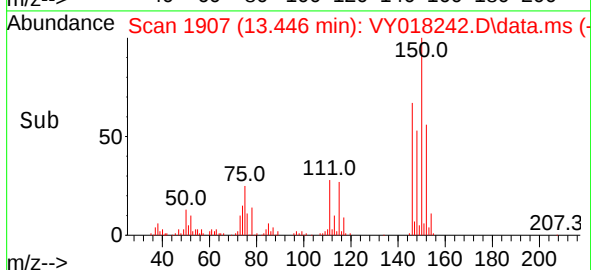
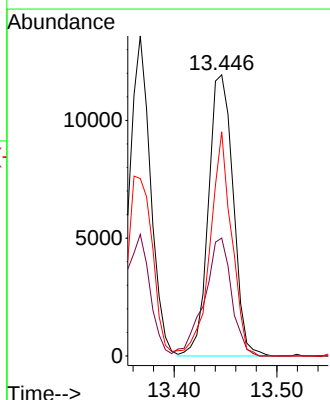
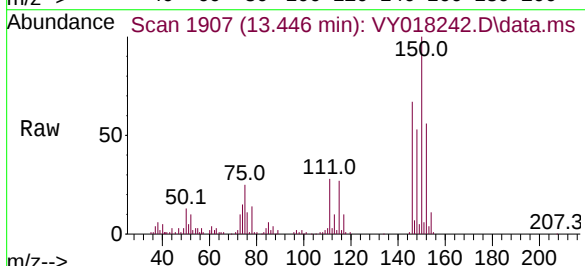
Tgt Ion:146 Resp: 19949

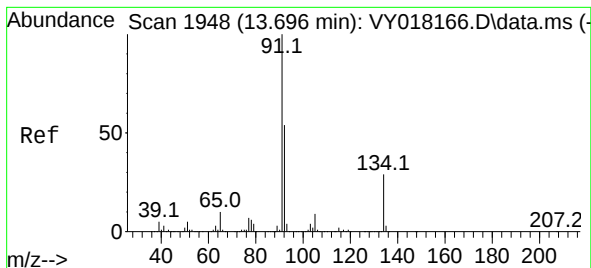
Ion Ratio Lower Upper

146 100

111 46.4 18.4 55.4

148 69.2 32.4 97.2





#89

n-Butylbenzene

Concen: 4.788 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018242.D

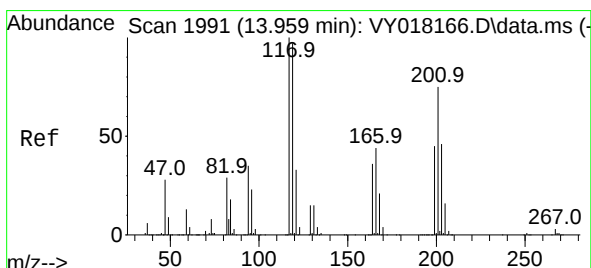
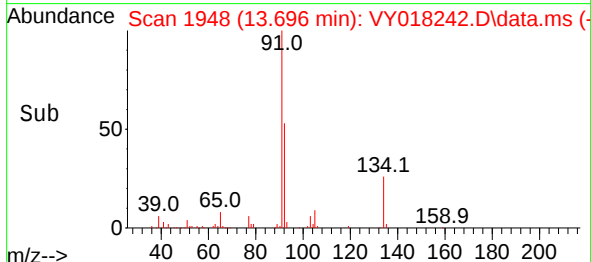
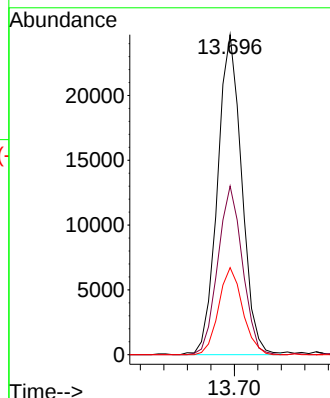
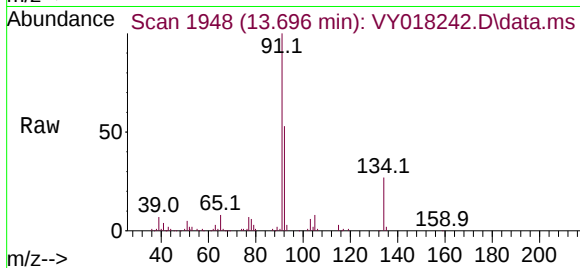
Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	35398
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	26.9	12.9	38.7



#90

Hexachloroethane

Concen: 4.447 ug/l

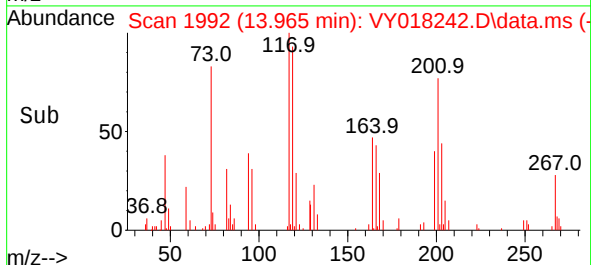
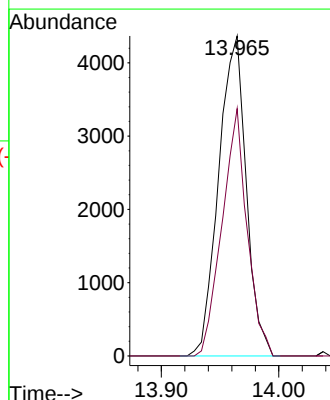
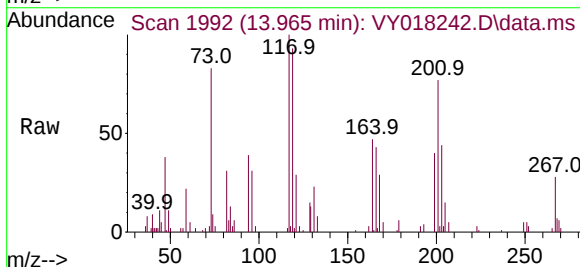
RT: 13.965 min Scan# 1992

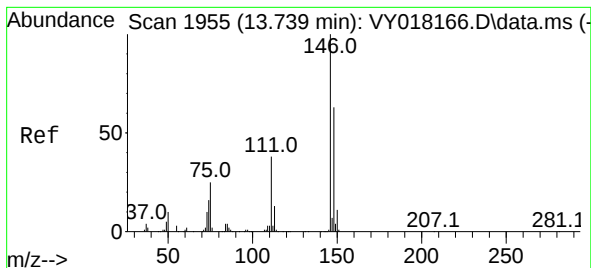
Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	117	Resp:	7128
Ion	Ratio	Lower	Upper
117	100		
201	70.3	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 4.818 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

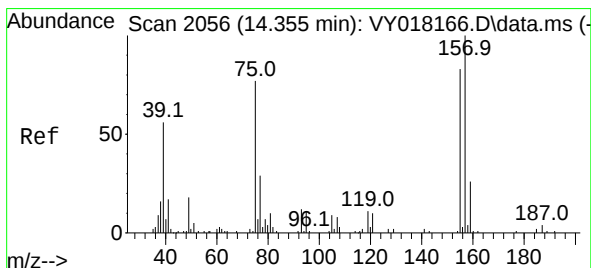
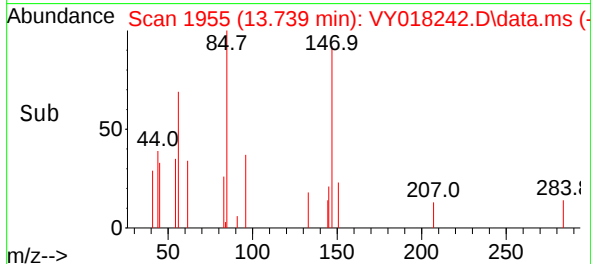
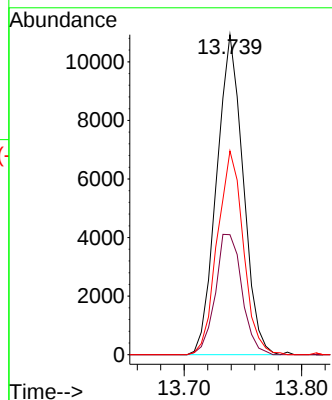
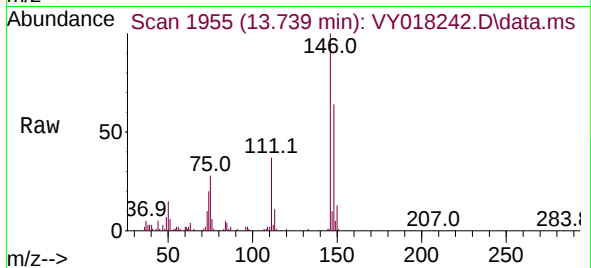
Tgt Ion:146 Resp: 17101

Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.7

148 62.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.371 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

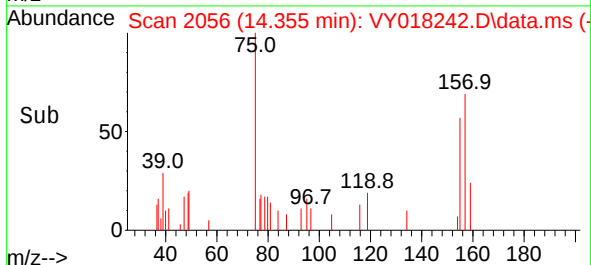
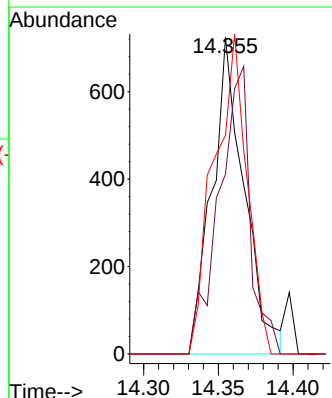
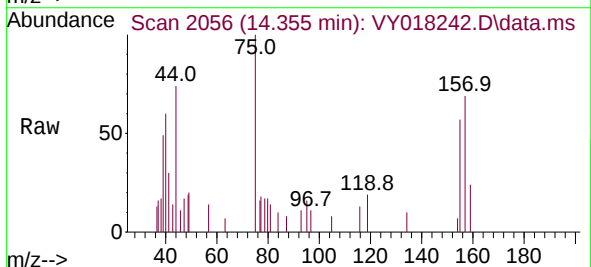
Tgt Ion: 75 Resp: 1086

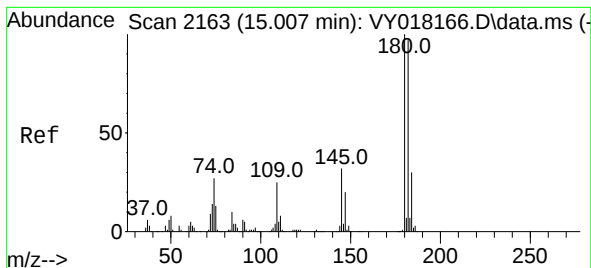
Ion Ratio Lower Upper

75 100

155 87.8 48.6 145.8

157 103.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.257 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018242.D

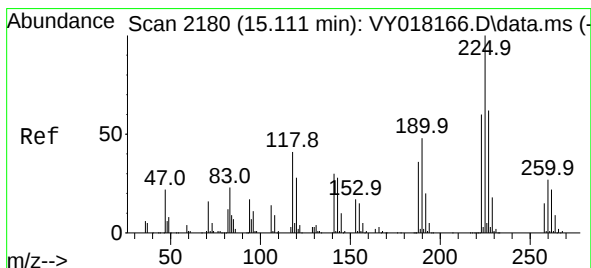
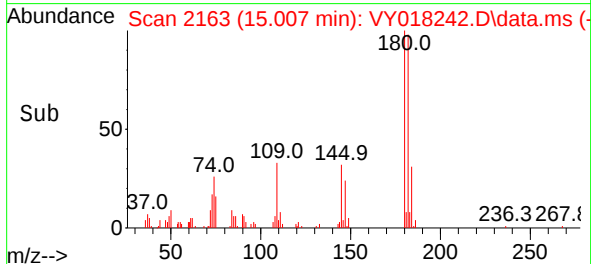
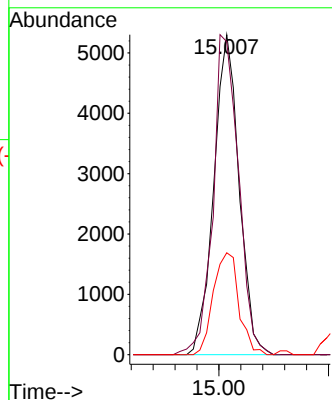
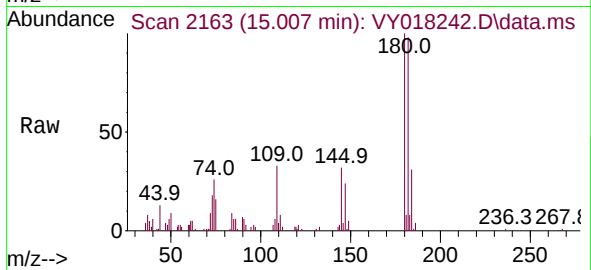
Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	8494
Ion Ratio	Lower	Upper
180	100	
182	100.7	47.9 143.8
145	32.2	14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.489 ug/l

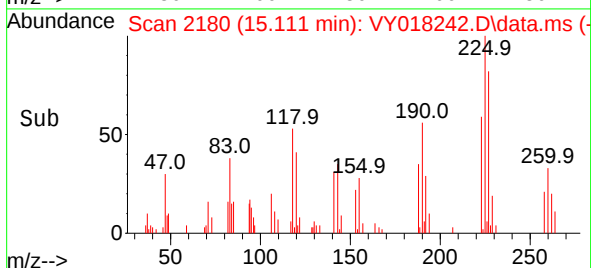
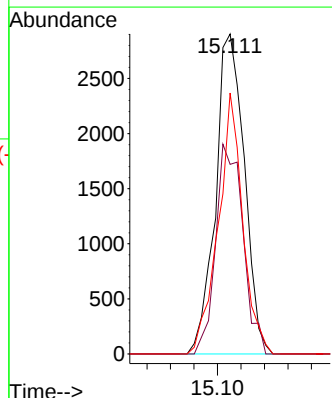
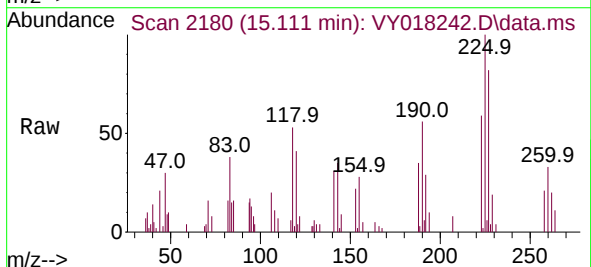
RT: 15.111 min Scan# 2180

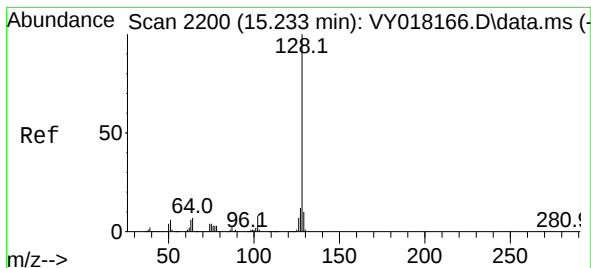
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:225	Resp:	4943
Ion Ratio	Lower	Upper
225	100	
223	61.9	30.4 91.2
227	69.3	31.9 95.9





#95

Naphthalene

Concen: 4.054 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

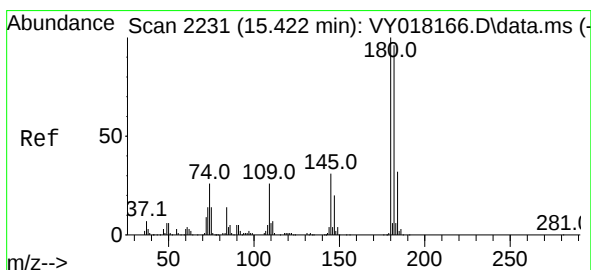
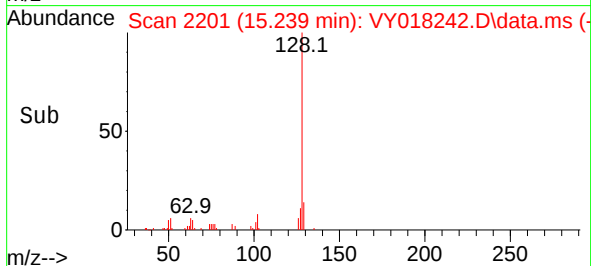
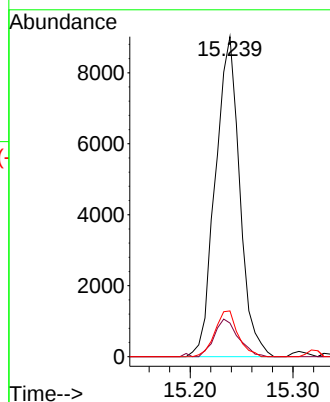
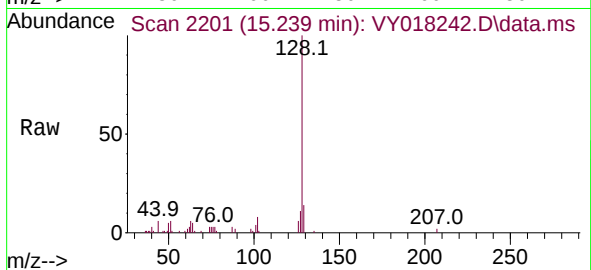
Tgt Ion:128 Resp: 14825

Ion Ratio Lower Upper

128 100

127 11.6 10.6 16.0

129 13.5 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 4.205 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:180 Resp: 6887

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 35.9 15.4 46.1

