

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020757.D
 Acq On : 30 Dec 2024 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 00:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	151376	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	233561	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	204550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81589	65.803	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.600%	
35) Dibromofluoromethane	7.634	113	77896	60.549	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.100%	
50) Toluene-d8	10.109	98	296389	57.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.320%	
62) 4-Bromofluorobenzene	12.408	95	102840	60.151	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 120.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50497	42.381	ug/l	95
3) Chloromethane	2.074	50	27229	61.276	ug/l	99
4) Vinyl Chloride	2.208	62	29840	54.199	ug/l	100
5) Bromomethane	2.598	94	22255	53.538	ug/l	96
6) Chloroethane	2.739	64	19027	57.608	ug/l	90
7) Trichlorofluoromethane	3.062	101	89070	42.069	ug/l	99
8) Diethyl Ether	3.458	74	31636	62.793	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.812	101	58525	50.351	ug/l	97
10) Methyl Iodide	4.007	142	70800	55.702	ug/l	90
11) Tert butyl alcohol	4.872	59	22691	296.765	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	54627	52.801	ug/l	93
13) Acrolein	3.653	56	5961	229.981	ug/l	99
14) Allyl chloride	4.385	41	76623	63.289	ug/l #	84
15) Acrylonitrile	5.061	53	63898	328.308	ug/l	99
16) Acetone	3.873	43	43897	279.076	ug/l	91
17) Carbon Disulfide	4.110	76	142851	56.288	ug/l	97
18) Methyl Acetate	4.391	43	30817	72.389	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	162412	56.323	ug/l	96
20) Methylene Chloride	4.616	84	62176	60.777	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	62807	56.337	ug/l	97
22) Diisopropyl ether	6.025	45	167990	68.257	ug/l	90
23) Vinyl Acetate	5.964	43	488986	332.639	ug/l	99
24) 1,1-Dichloroethane	5.915	63	111489	60.421	ug/l	98
25) 2-Butanone	6.896	43	73342	345.172	ug/l	97
26) 2,2-Dichloropropane	6.890	77	92018	40.743	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	76692	57.443	ug/l	96
28) Bromochloromethane	7.250	49	41242	84.519	ug/l	90
29) Tetrahydrofuran	7.262	42	48115	368.913	ug/l	93
30) Chloroform	7.421	83	126473	53.282	ug/l	97
31) Cyclohexane	7.707	56	80574	50.588	ug/l	92
32) 1,1,1-Trichloroethane	7.622	97	119444	46.944	ug/l	99
36) 1,1-Dichloropropene	7.835	75	78953	46.460	ug/l	98
37) Ethyl Acetate	6.988	43	33663	60.114	ug/l	99
38) Carbon Tetrachloride	7.817	117	111926	39.997	ug/l	98
39) Methylcyclohexane	9.109	83	97499	44.762	ug/l	98
40) Benzene	8.079	78	257669	52.318	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	19247	68.042	ug/l	94
42) 1,2-Dichloroethane	8.158	62	75174	47.602	ug/l	97
43) Isopropyl Acetate	8.195	43	71104	59.738	ug/l	98
44) Trichloroethene	8.866	130	67933	46.181	ug/l	98
45) 1,2-Dichloropropane	9.140	63	57403	57.579	ug/l	100
46) Dibromomethane	9.231	93	35846	51.966	ug/l	98
47) Bromodichloromethane	9.426	83	95911	49.043	ug/l	96
48) Methyl methacrylate	9.219	41	31786	57.185	ug/l	95
49) 1,4-Dioxane	9.231	88	8044	1224.238	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	176930	307.968	ug/l	100
52) Toluene	10.170	92	168137	49.810	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	86646	50.445	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	97479	51.775	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	46655	52.986	ug/l	91
56) Ethyl methacrylate	10.438	69	64997	56.189	ug/l #	93
57) 1,3-Dichloropropane	10.719	76	78910	55.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	149269	370.050	ug/l	95
59) 2-Hexanone	10.762	43	117710	310.319	ug/l	100
60) Dibromochloromethane	10.914	129	70375	49.463	ug/l	98
61) 1,2-Dibromoethane	11.018	107	44316	53.488	ug/l	99
64) Tetrachloroethene	10.646	164	61620	44.093	ug/l	98
65) Chlorobenzene	11.444	112	191372	47.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	71894	46.332	ug/l	98
67) Ethyl Benzene	11.518	91	329150	47.020	ug/l	100
68) m/p-Xylenes	11.627	106	253728	95.018	ug/l	96
69) o-Xylene	11.956	106	121859	47.764	ug/l	98
70) Styrene	11.969	104	211623	49.412	ug/l	97
71) Bromoform	12.133	173	43315	48.553	ug/l #	98
73) Isopropylbenzene	12.255	105	324609	45.511	ug/l	100
74) N-amyl acetate	12.072	43	61619	60.793	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	52772	57.714	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	69029	105.424	ug/l #	100
77) Bromobenzene	12.536	156	79497	48.418	ug/l	96
78) n-propylbenzene	12.597	91	370970	46.405	ug/l	98
79) 2-Chlorotoluene	12.682	91	217162	47.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	272006	45.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17156	51.790	ug/l	92
82) 4-Chlorotoluene	12.779	91	230648	48.972	ug/l	97
83) tert-Butylbenzene	12.999	119	245714	44.276	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	270220	46.728	ug/l	98
85) sec-Butylbenzene	13.176	105	339533	45.396	ug/l	100
86) p-Isopropyltoluene	13.292	119	298454	44.776	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	151468	47.201	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	152006	47.618	ug/l	98
89) n-Butylbenzene	13.621	91	253159	45.499	ug/l	98
90) Hexachloroethane	13.883	117	56801	44.814	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	136044	49.444	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9014	50.828	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	84065	48.068	ug/l	99
94) Hexachlorobutadiene	15.029	225	52933	41.529	ug/l	99
95) Naphthalene	15.151	128	143924	51.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	72419	49.733	ug/l	99

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QLast Update : Thu Dec 26 16:12:28 2024
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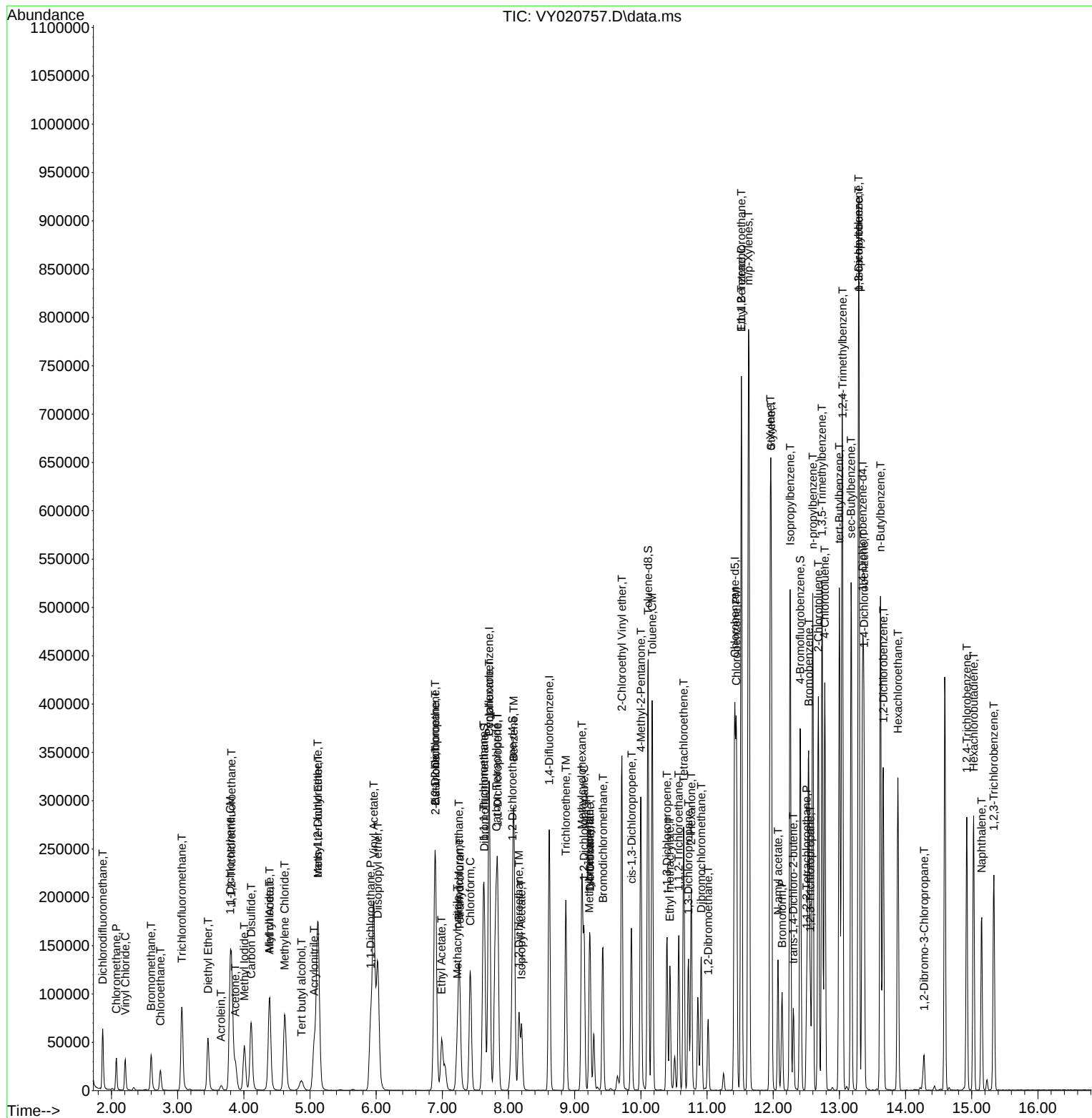
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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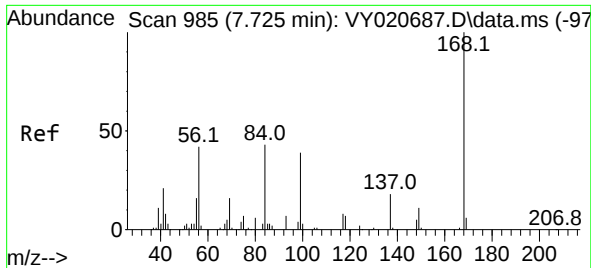
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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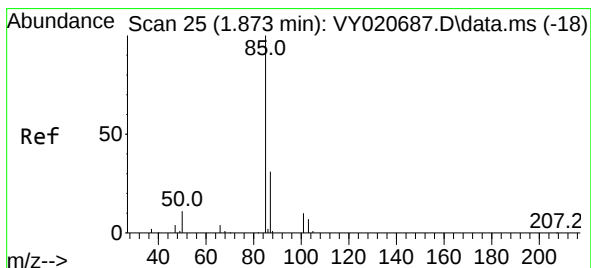
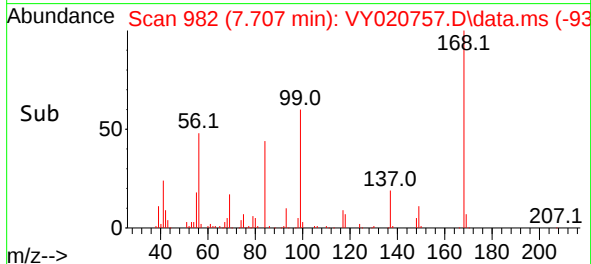
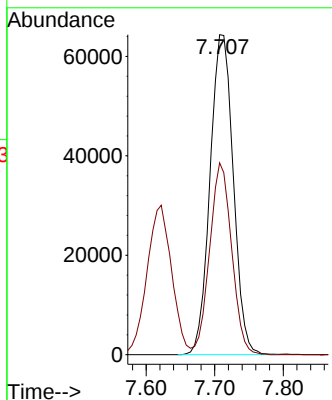
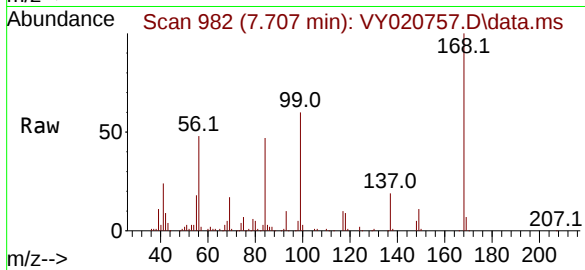




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020757.D
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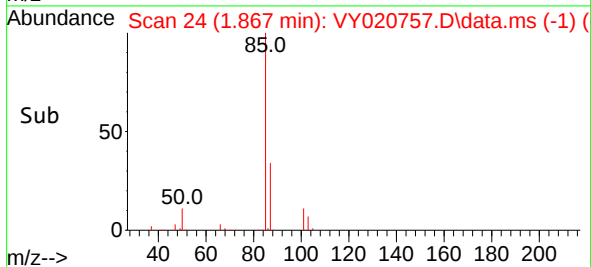
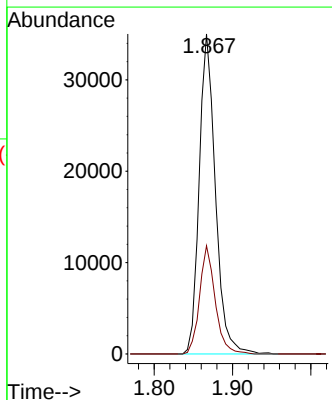
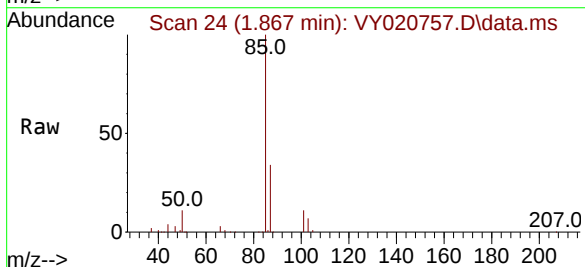
Instrument :
MSVOA_Y
ClientSampleId :

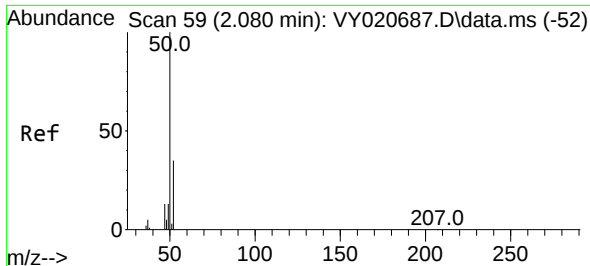
Tgt Ion:168 Resp: 151376
Ion Ratio Lower Upper
168 100
99 60.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 42.381 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 85 Resp: 50497
Ion Ratio Lower Upper
85 100
87 33.8 15.4 46.4

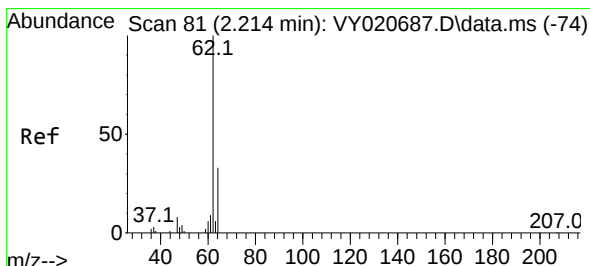
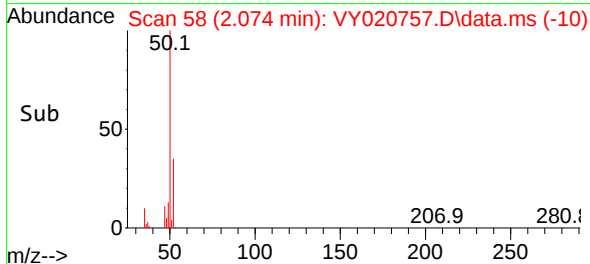
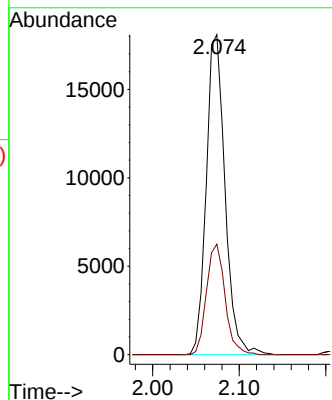
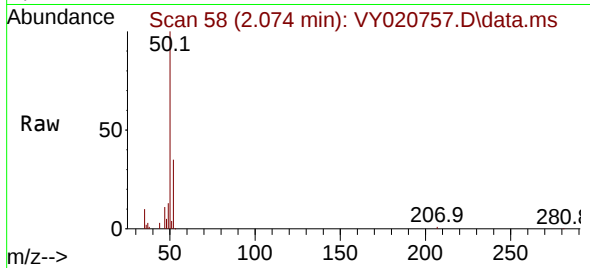




#3
Chloromethane
Concen: 61.276 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

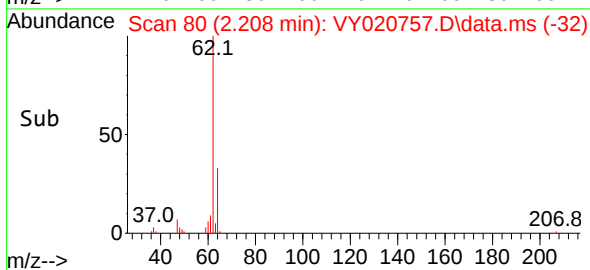
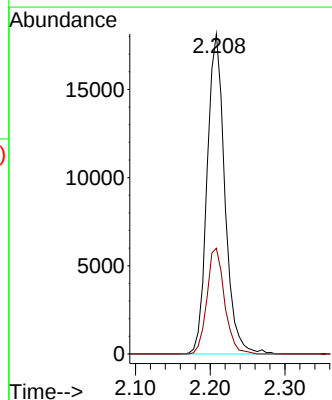
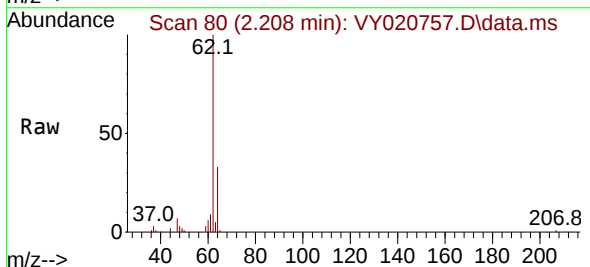
Instrument :
MSVOA_Y
ClientSampleId :

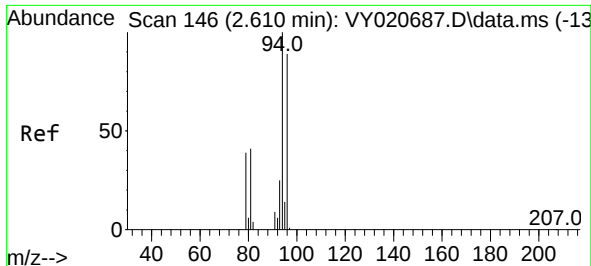
Tgt Ion: 50 Resp: 27229
Ion Ratio Lower Upper
50 100
52 34.5 28.2 42.2



#4
Vinyl Chloride
Concen: 54.199 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 62 Resp: 29840
Ion Ratio Lower Upper
62 100
64 33.1 26.6 40.0

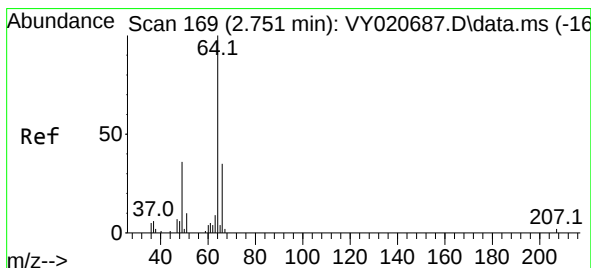
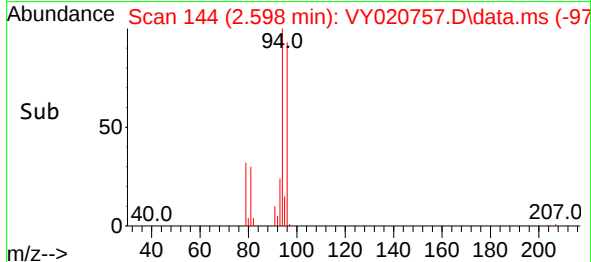
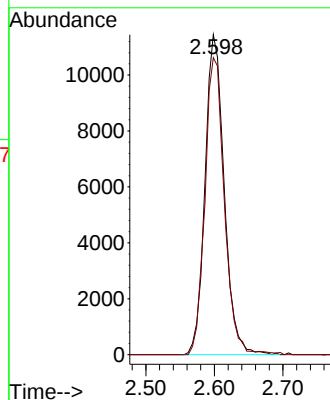
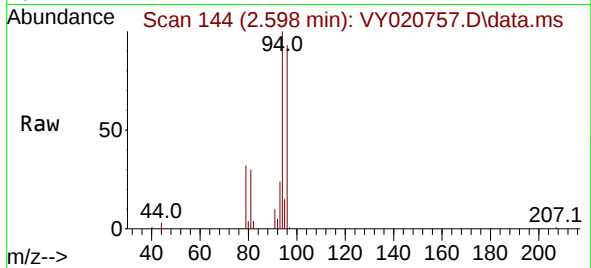




#5
Bromomethane
Concen: 53.538 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

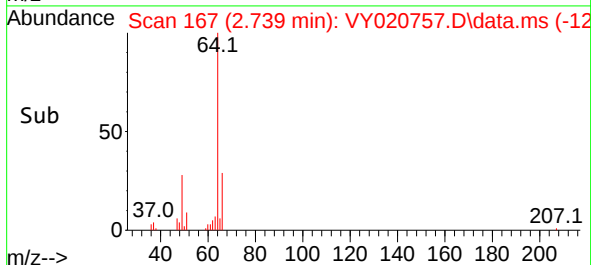
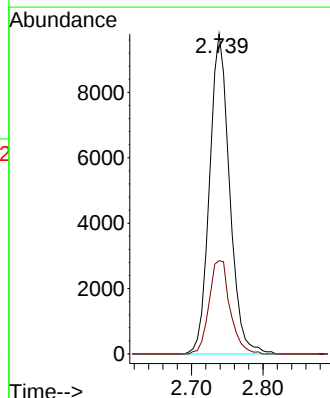
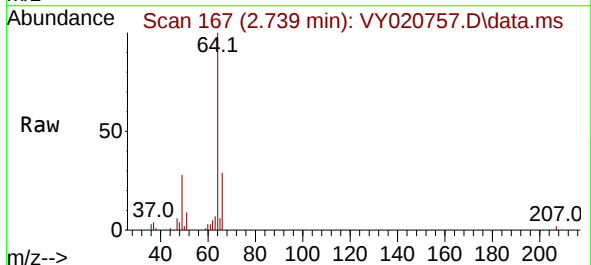
Instrument :
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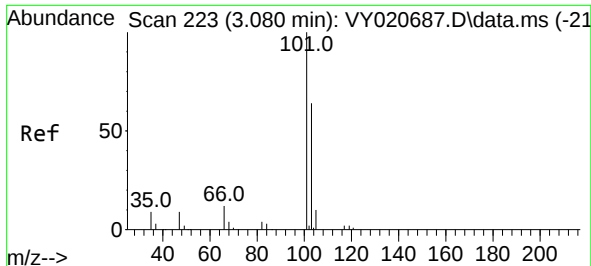
Tgt Ion: 94 Resp: 22255
Ion Ratio Lower Upper
94 100
96 92.8 71.0 106.6



#6
Chloroethane
Concen: 57.608 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 64 Resp: 19027
Ion Ratio Lower Upper
64 100
66 29.2 27.8 41.8

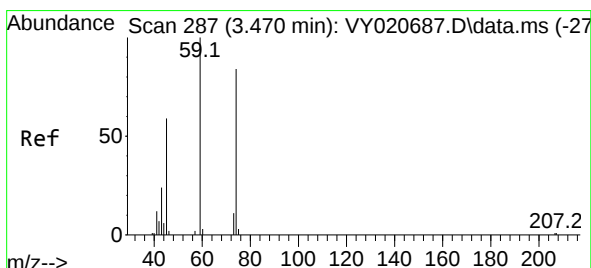
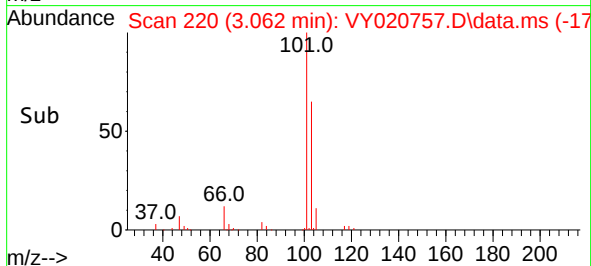
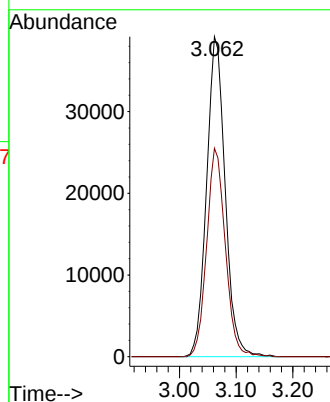
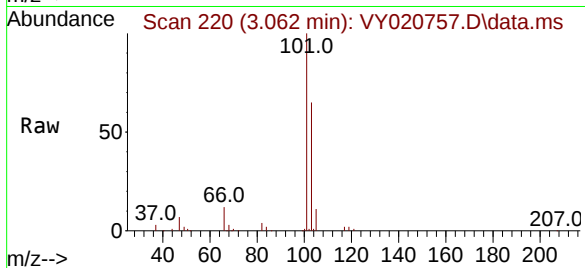




#7
Trichlorofluoromethane
Concen: 42.069 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

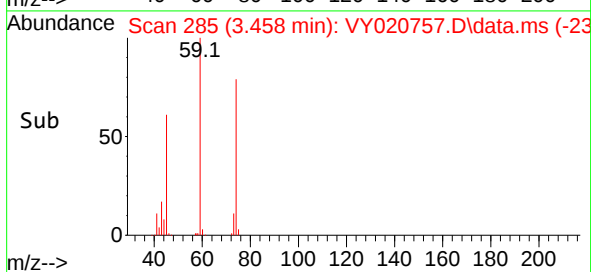
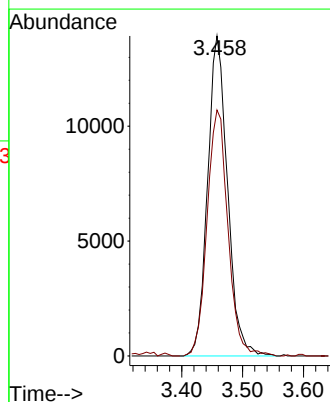
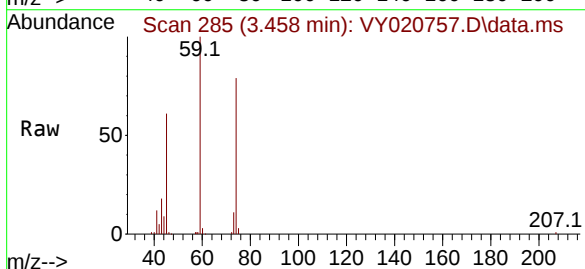
Instrument :
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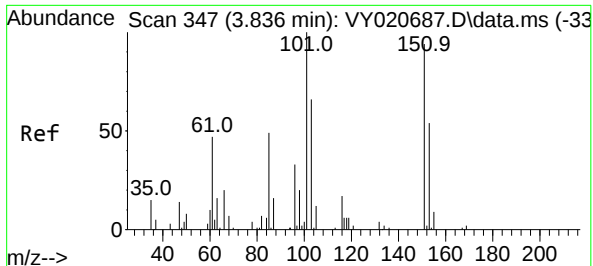
Tgt Ion:101 Resp: 89070
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 62.793 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.012 min
Lab File: VY020757.D
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Tgt Ion: 74 Resp: 31636
Ion Ratio Lower Upper
74 100
45 80.7 35.8 107.4

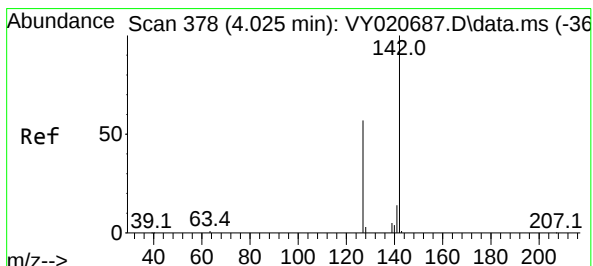
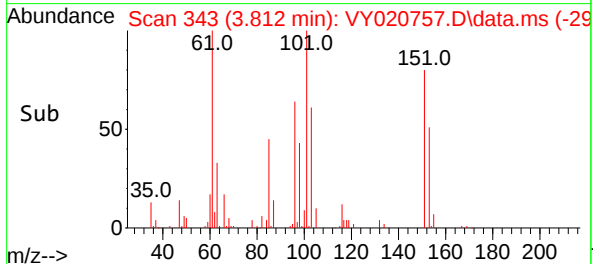
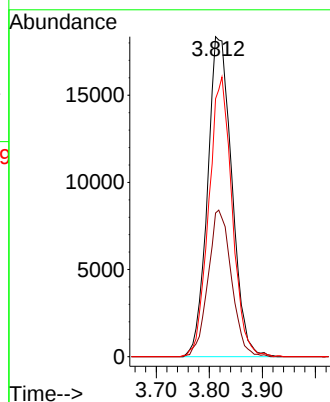
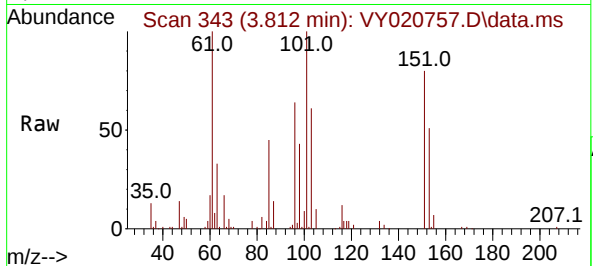




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.351 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

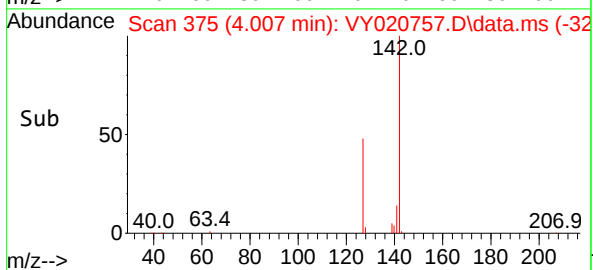
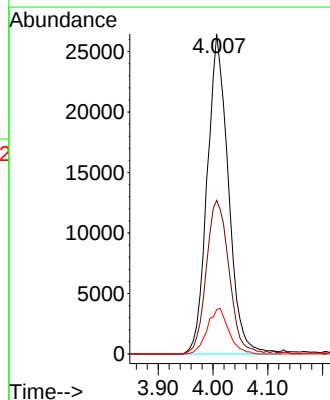
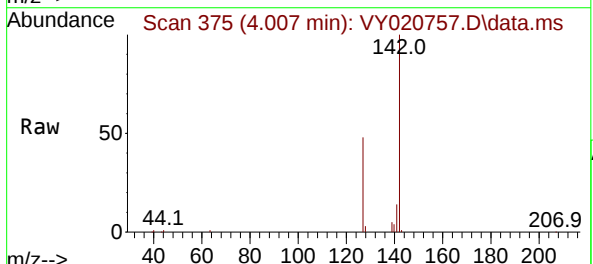
Instrument :
MSVOA_Y
ClientSampleId :

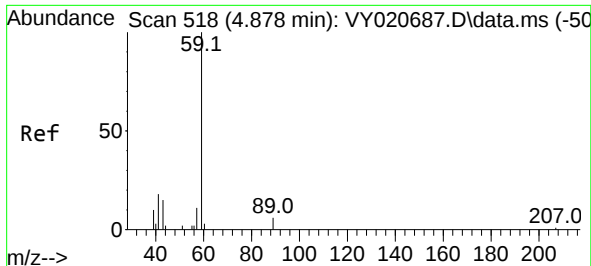
Tgt Ion:101 Resp: 58525
Ion Ratio Lower Upper
101 100
85 44.1 38.2 57.2
151 83.7 68.4 102.6



#10
Methyl Iodide
Concen: 55.702 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

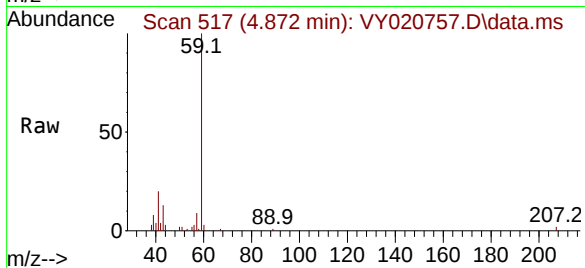
Tgt Ion:142 Resp: 70800
Ion Ratio Lower Upper
142 100
127 52.0 48.8 73.2
141 14.4 11.9 17.9



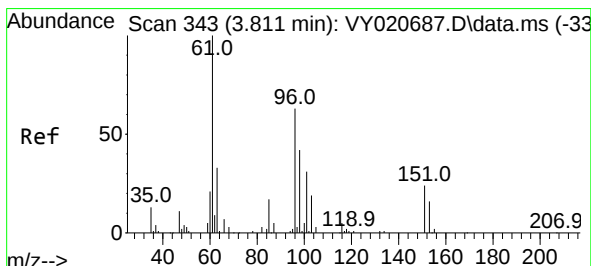
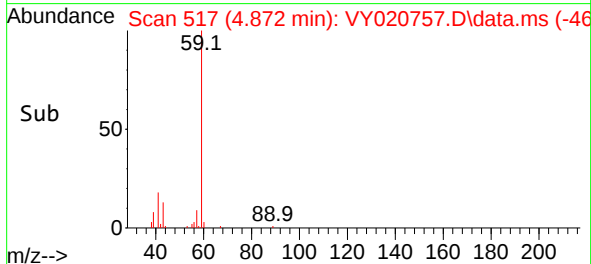
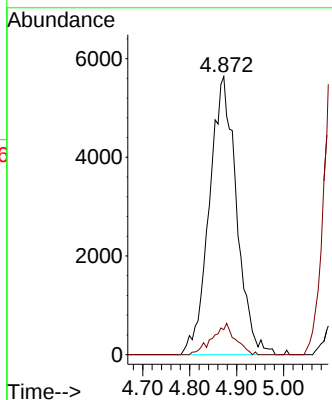


#11
Tert butyl alcohol
Concen: 296.765 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

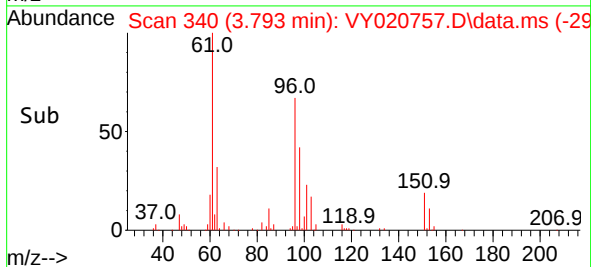
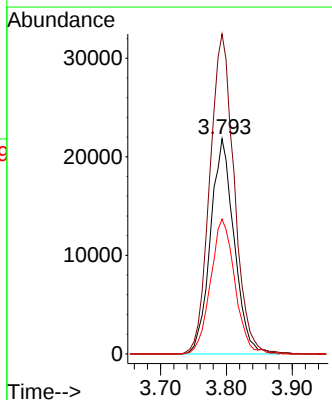
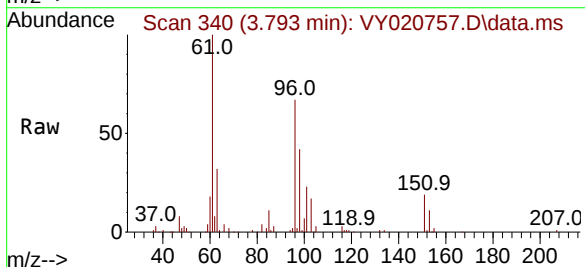


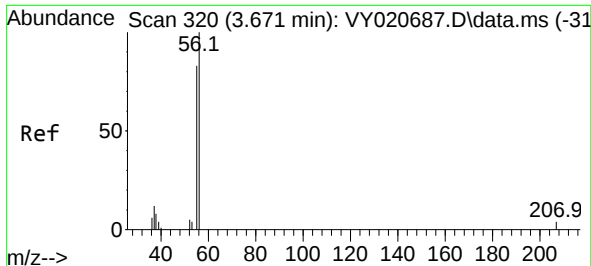
Tgt Ion: 59 Resp: 22691
Ion Ratio Lower Upper
59 100
57 9.5 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 52.801 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 96 Resp: 54627
Ion Ratio Lower Upper
96 100
61 148.6 127.1 190.7
98 62.6 53.4 80.0

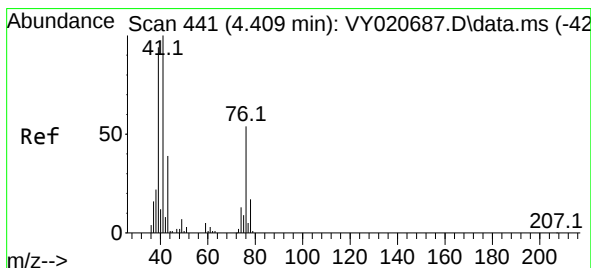
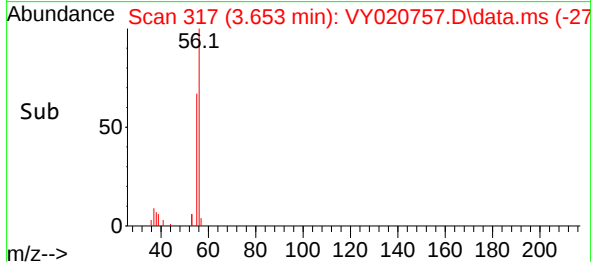
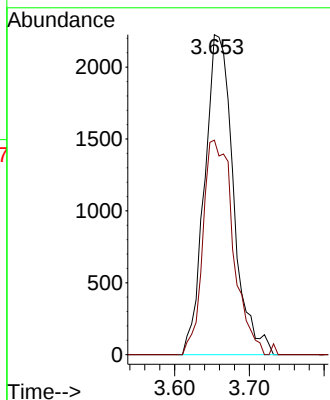
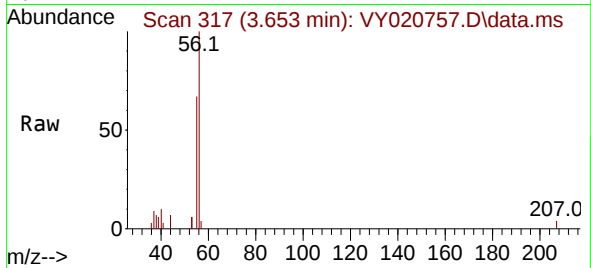




#13
Acrolein
Concen: 229.981 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

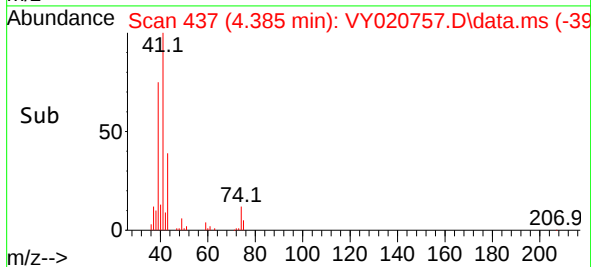
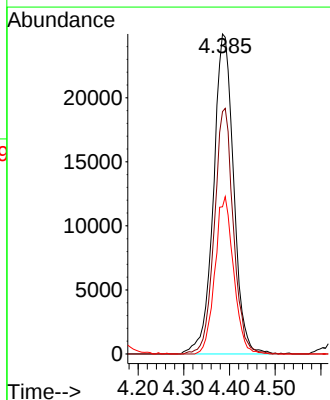
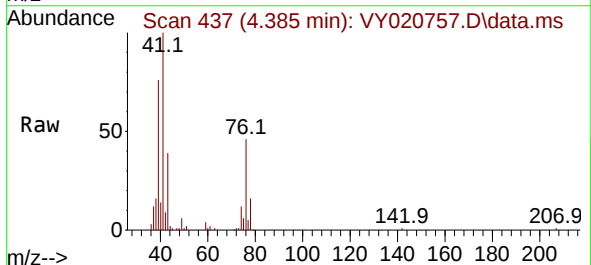
Instrument :
MSVOA_Y
ClientSampleId :

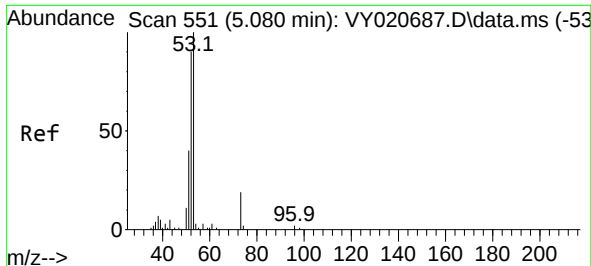
Tgt Ion: 56 Resp: 5961
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 63.289 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.024 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

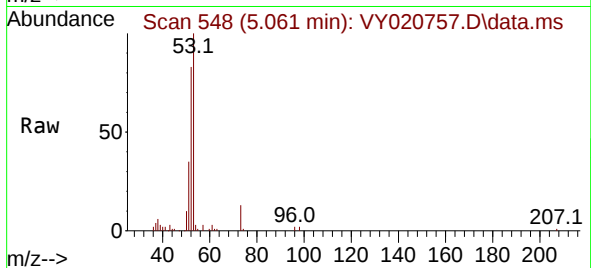
Tgt Ion: 41 Resp: 76623
Ion Ratio Lower Upper
41 100
39 72.6 73.5 110.3#
76 45.4 41.8 62.8



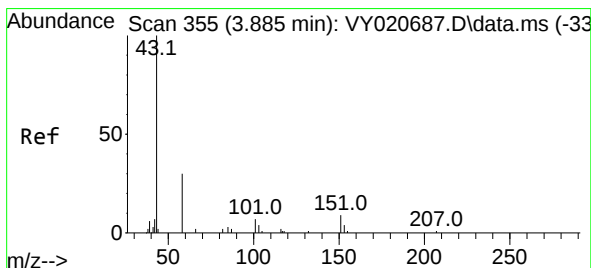
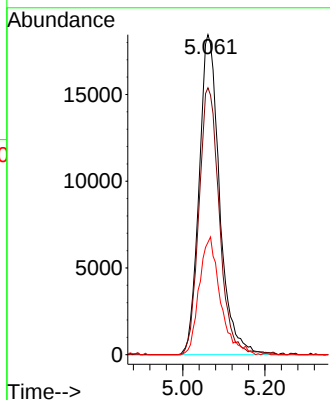
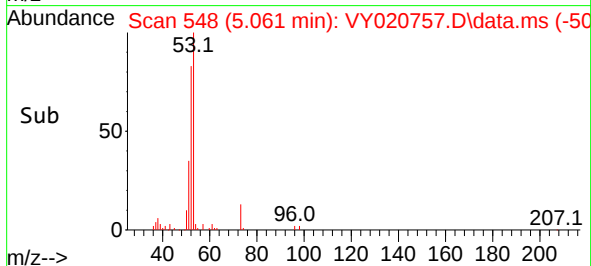


#15
Acrylonitrile
Concen: 328.308 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.019 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

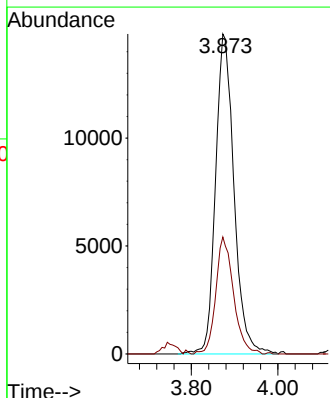
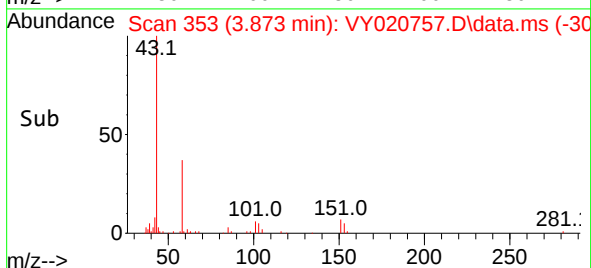
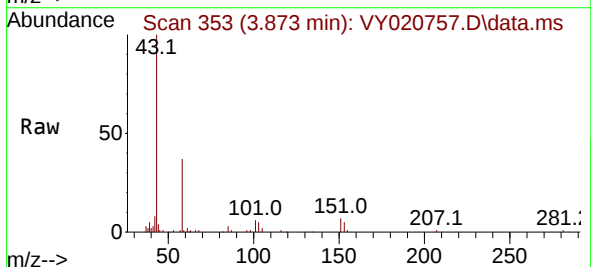


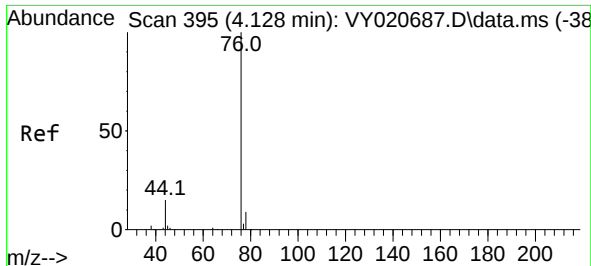
Tgt Ion: 53 Resp: 63898
Ion Ratio Lower Upper
53 100
52 83.0 67.1 100.7
51 37.9 31.4 47.0



#16
Acetone
Concen: 279.076 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 43 Resp: 43897
Ion Ratio Lower Upper
43 100
58 36.5 25.0 37.6

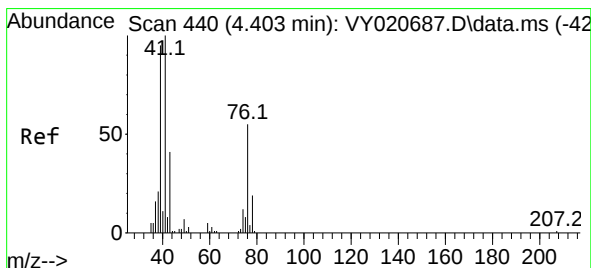
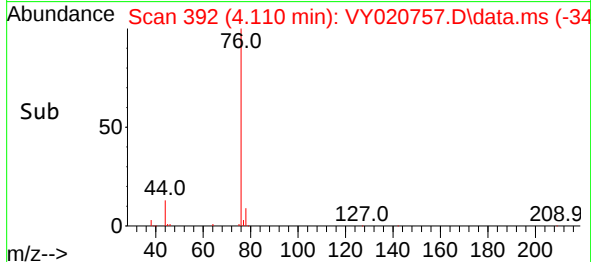
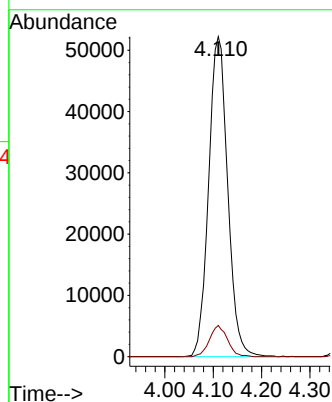
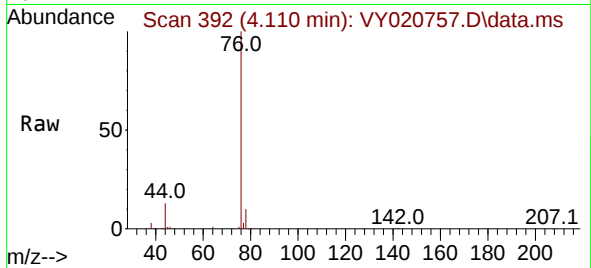




#17
Carbon Disulfide
Concen: 56.288 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

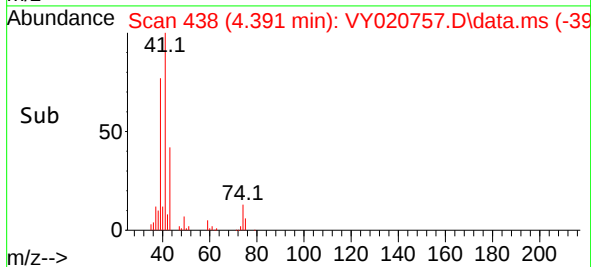
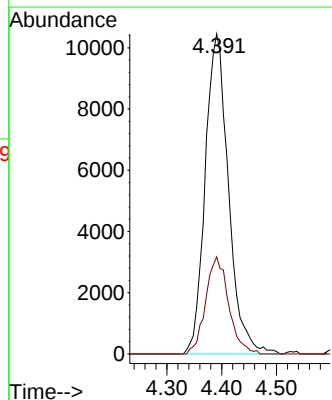
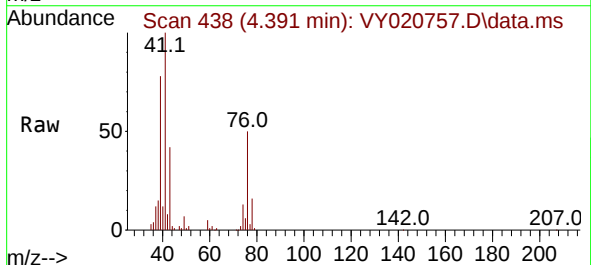
Instrument :
MSVOA_Y
ClientSampleId :

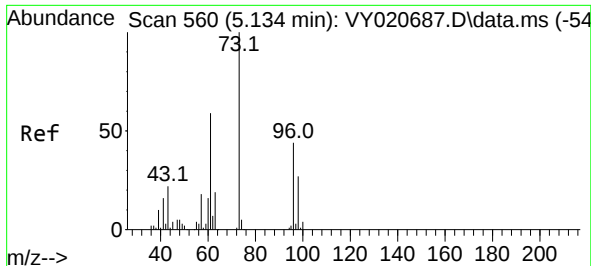
Tgt Ion: 76 Resp: 142851
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3



#18
Methyl Acetate
Concen: 72.389 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 43 Resp: 30817
Ion Ratio Lower Upper
43 100
74 29.9 25.3 37.9

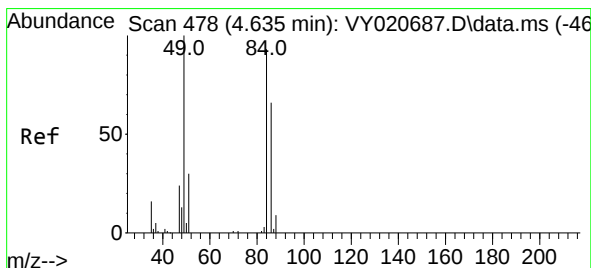
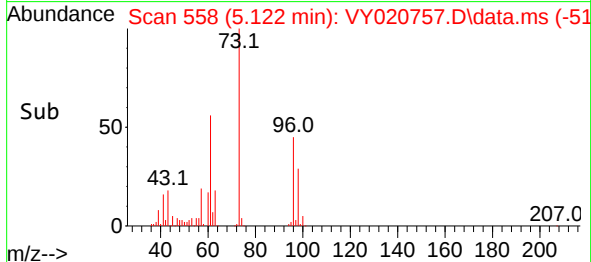
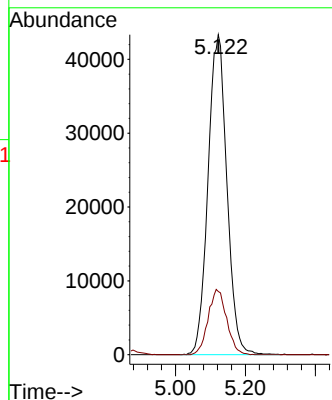
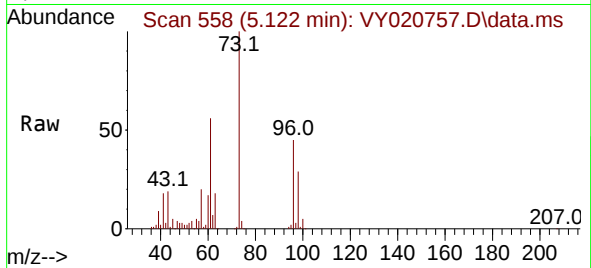




#19
Methyl tert-butyl Ether
Concen: 56.323 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

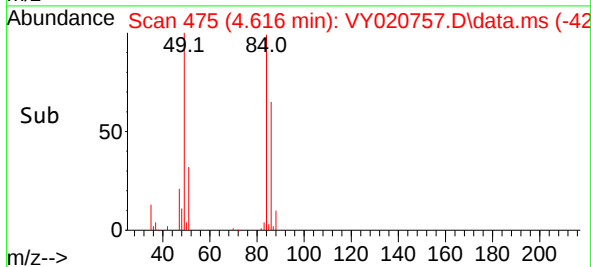
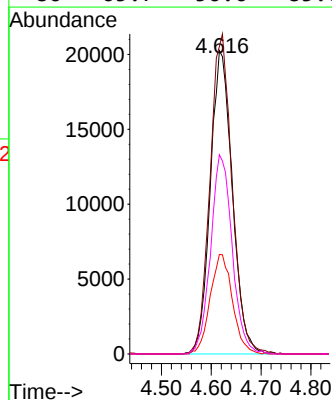
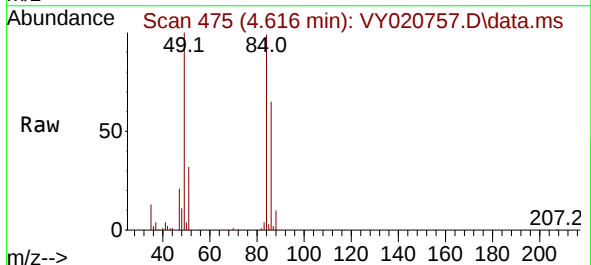
Instrument :
MSVOA_Y
ClientSampleId :

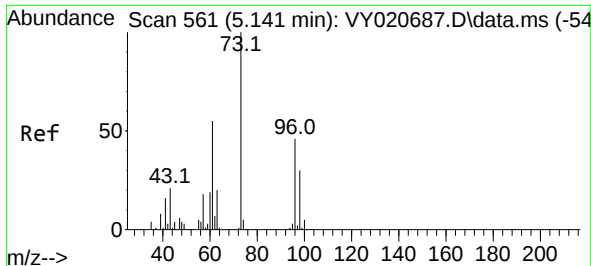
Tgt Ion: 73 Resp: 162412
Ion Ratio Lower Upper
73 100
57 19.8 14.4 21.6



#20
Methylene Chloride
Concen: 60.777 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.019 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 84 Resp: 62176
Ion Ratio Lower Upper
84 100
49 101.4 86.4 129.6
51 32.8 25.5 38.3
86 65.7 56.6 85.0

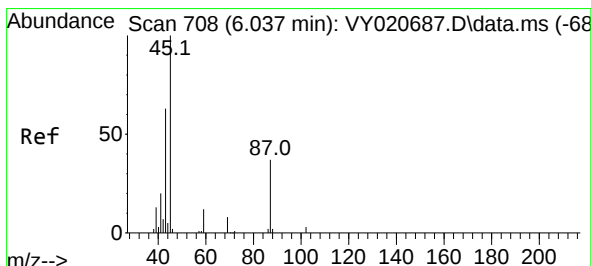
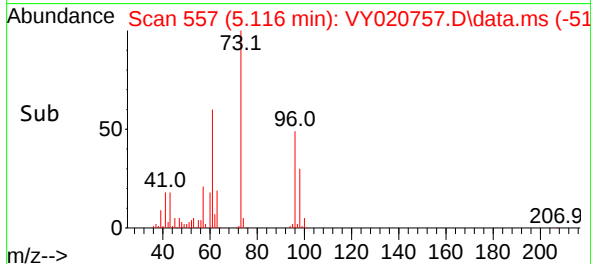
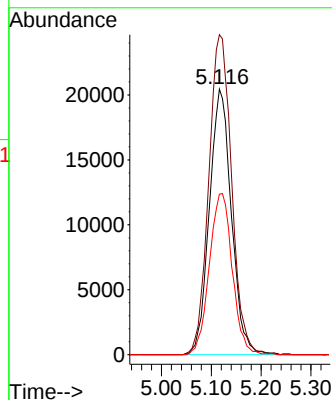
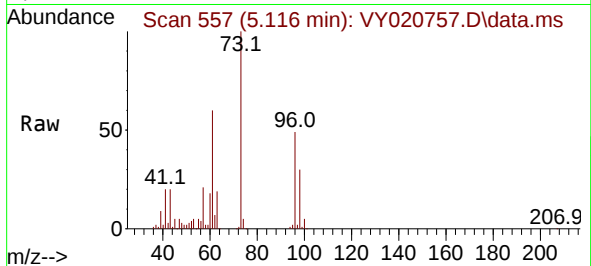




#21
trans-1,2-Dichloroethene
Concen: 56.337 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

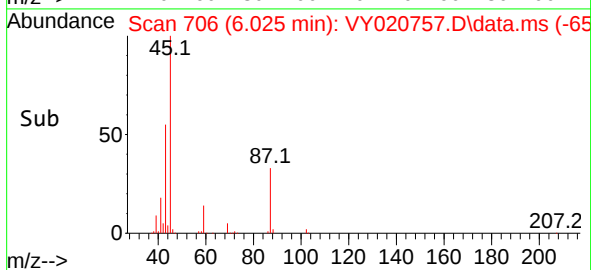
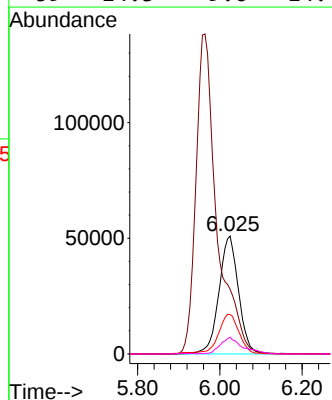
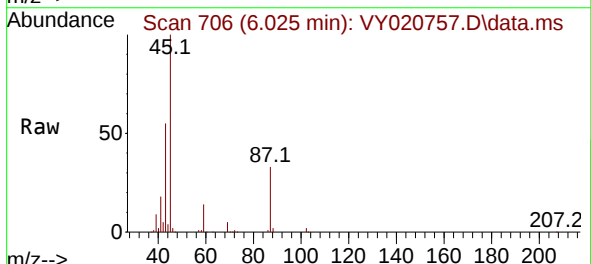
Instrument :
MSVOA_Y
ClientSampleId :

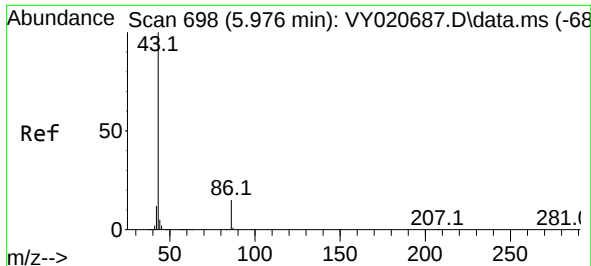
Tgt Ion: 96 Resp: 62807
Ion Ratio Lower Upper
96 100
61 120.5 96.1 144.1
98 60.4 52.7 79.1



#22
Diisopropyl ether
Concen: 68.257 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 45 Resp: 167990
Ion Ratio Lower Upper
45 100
43 54.3 51.3 76.9
87 33.3 30.6 46.0
59 14.3 9.6 14.4

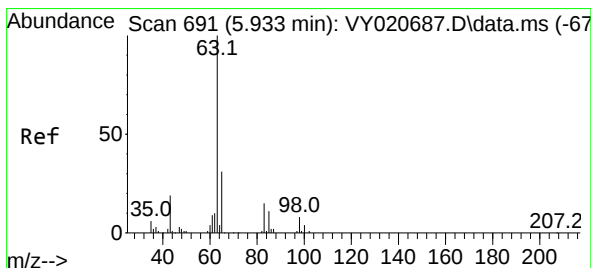
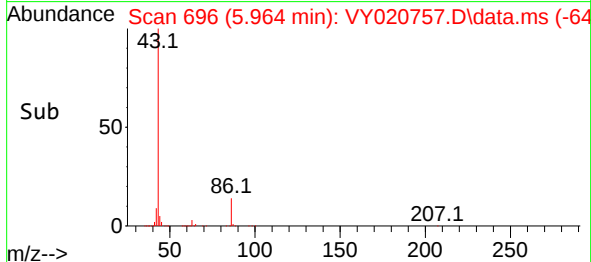
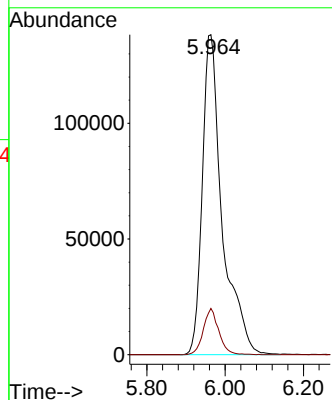
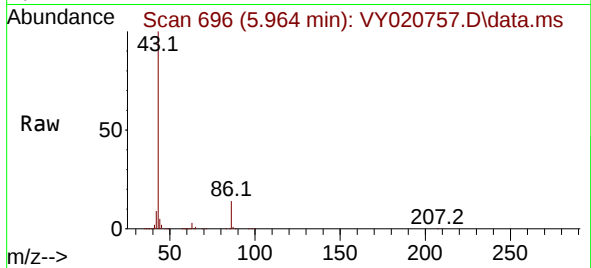




#23
 Vinyl Acetate
 Concen: 332.639 ug/l
 RT: 5.964 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY020757.D
 Acq: 30 Dec 2024 16:37

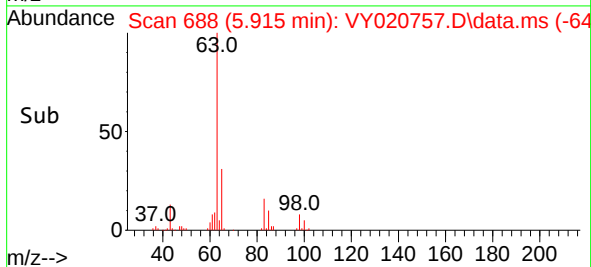
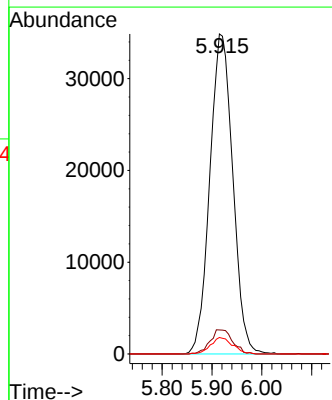
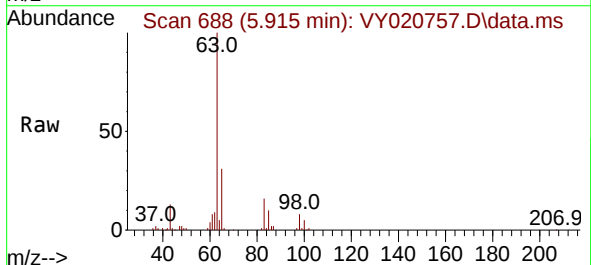
Instrument :
 MSVOA_Y
 ClientSampleId :

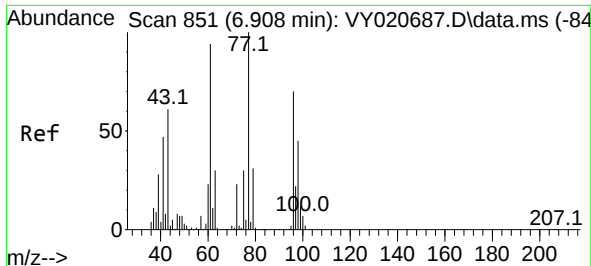
Tgt Ion: 43 Resp: 488986
 Ion Ratio Lower Upper
 43 100
 86 14.5 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 60.421 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020757.D
 Acq: 30 Dec 2024 16:37

Tgt Ion: 63 Resp: 111489
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 5.2 2.1 6.2





#25

2-Butanone

Concen: 345.172 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

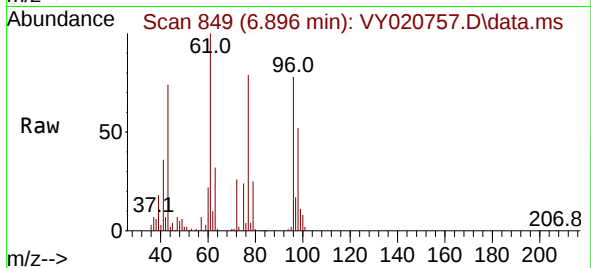
Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

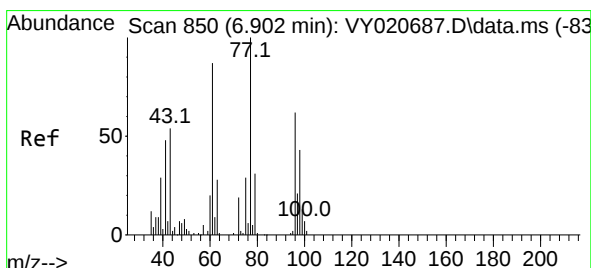
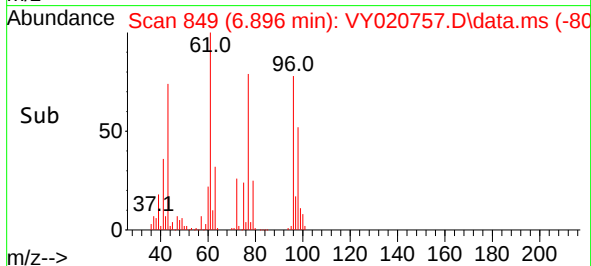
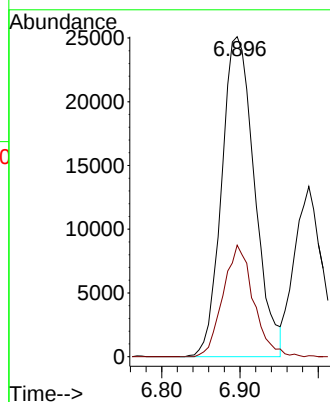


Tgt Ion: 43 Resp: 73342

Ion Ratio Lower Upper

43 100

72 34.8 29.5 44.3



#26

2,2-Dichloropropane

Concen: 40.743 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020757.D

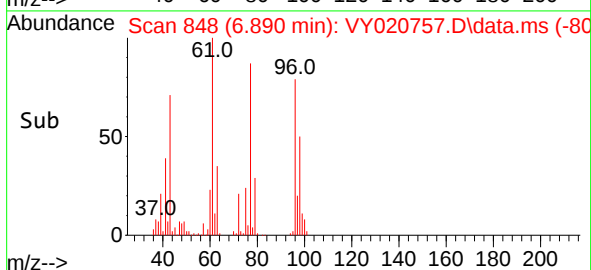
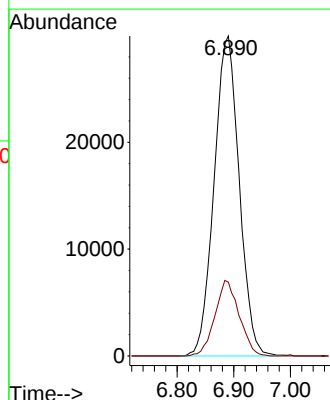
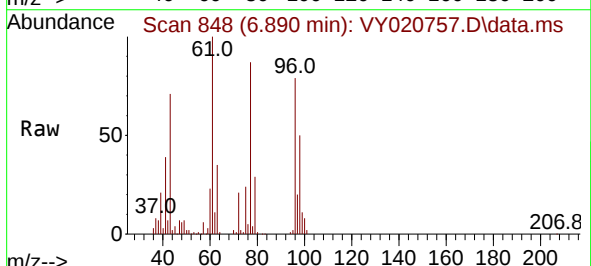
Acq: 30 Dec 2024 16:37

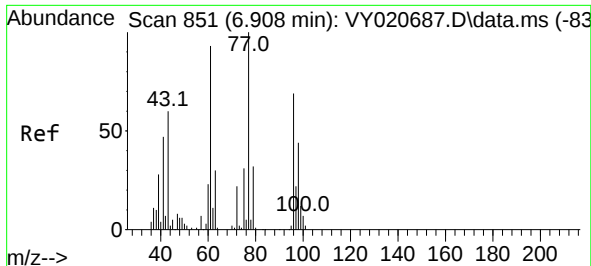
Tgt Ion: 77 Resp: 92018

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 57.443 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.018 min

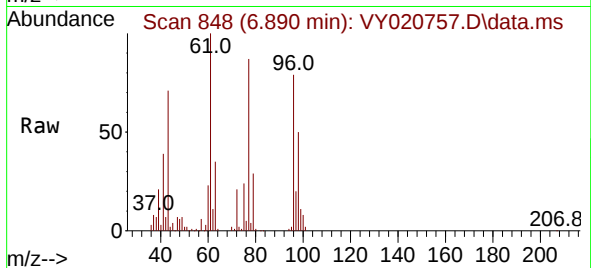
Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :



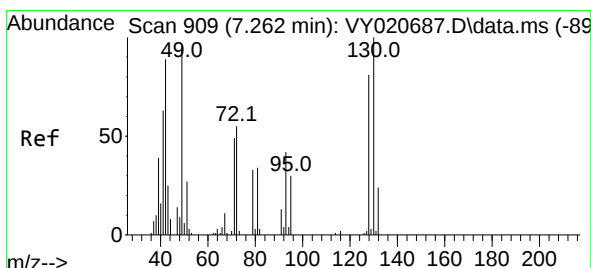
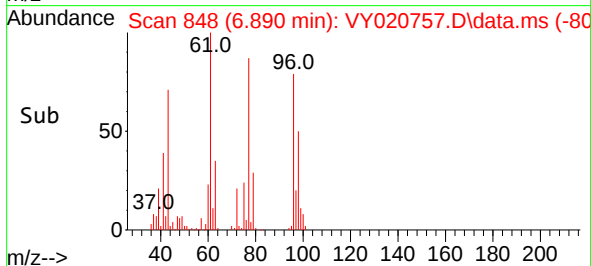
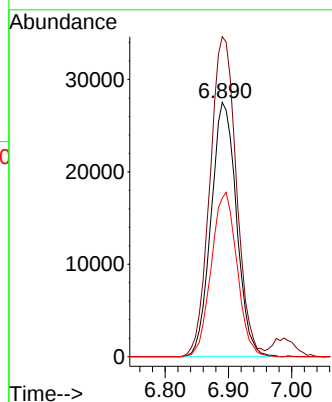
Tgt Ion: 96 Resp: 76692

Ion Ratio Lower Upper

96 100

61 131.1 0.0 277.2

98 65.4 0.0 131.0



#28

Bromochloromethane

Concen: 84.519 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

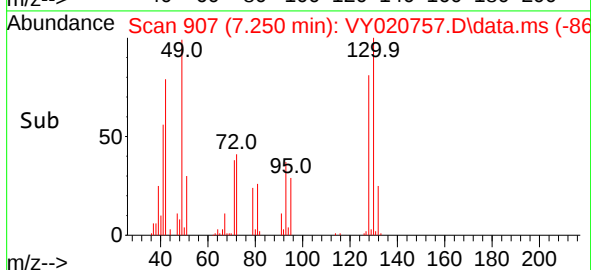
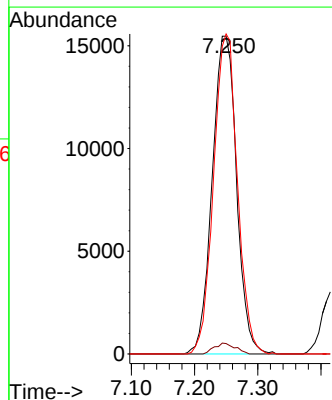
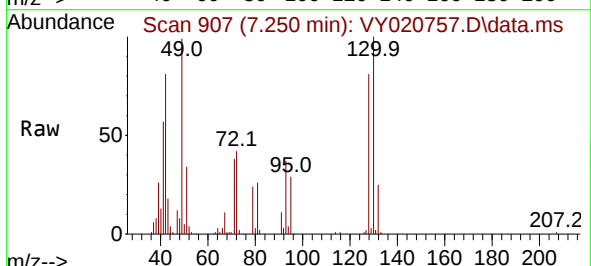
Tgt Ion: 49 Resp: 41242

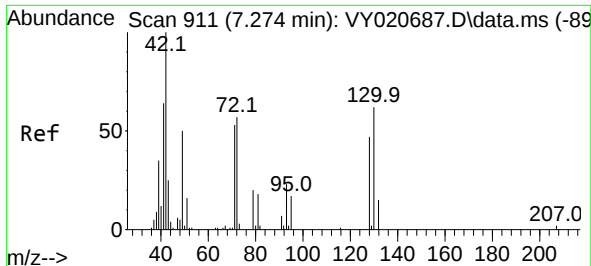
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.4

130 98.7 87.2 130.8





#29

Tetrahydrofuran

Concen: 368.913 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

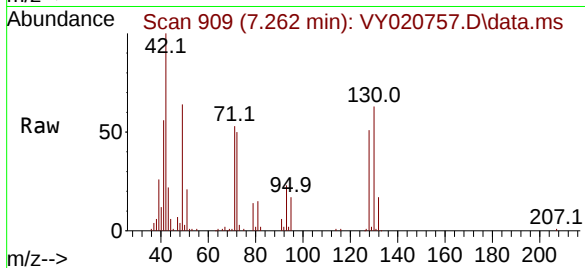
Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

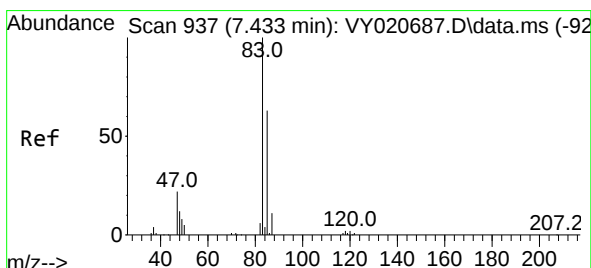
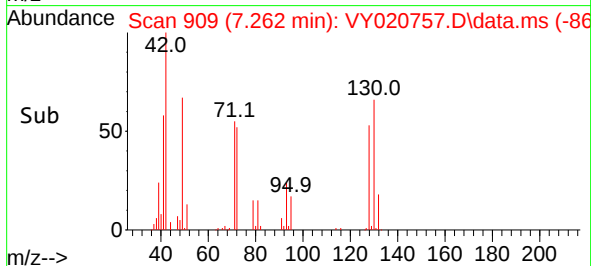
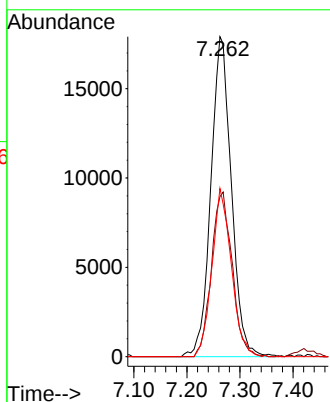
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	48115
Ion	Ratio	Lower	Upper
42	100		
72	52.1	47.4	71.0
71	49.8	42.8	64.2



#30

Chloroform

Concen: 53.282 ug/l

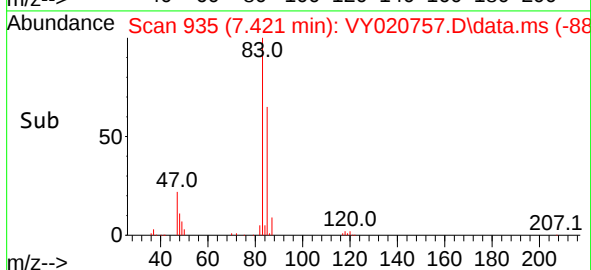
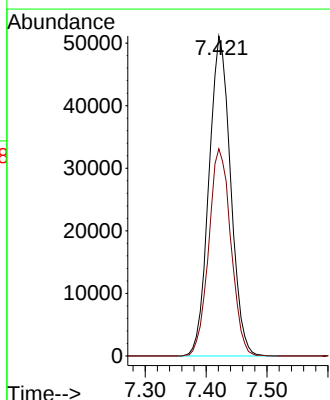
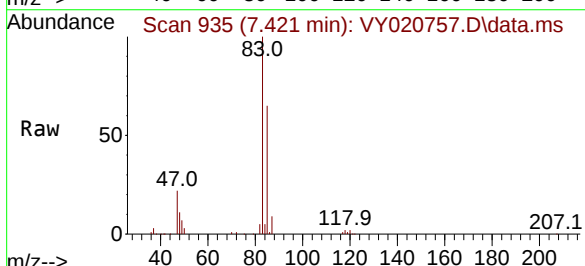
RT: 7.421 min Scan# 935

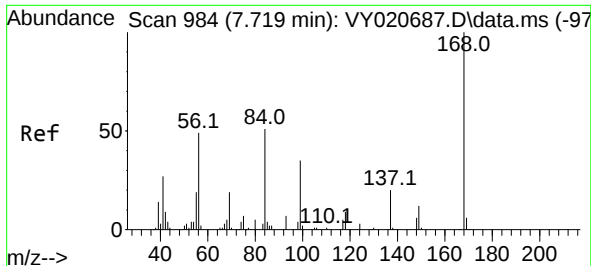
Delta R.T. -0.012 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Tgt Ion:	83	Resp:	126473
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.2

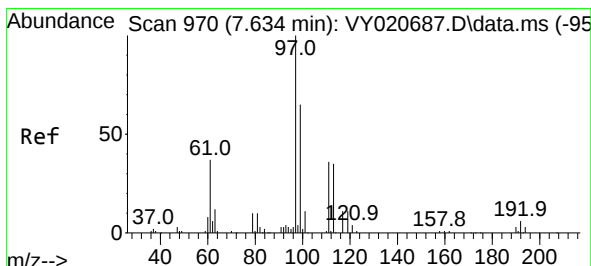
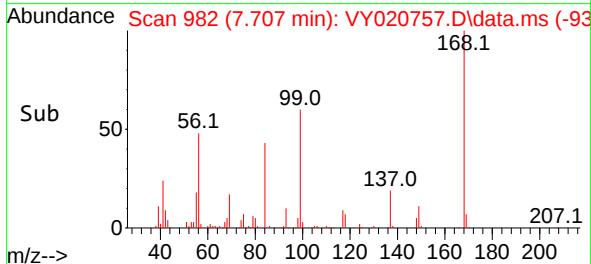
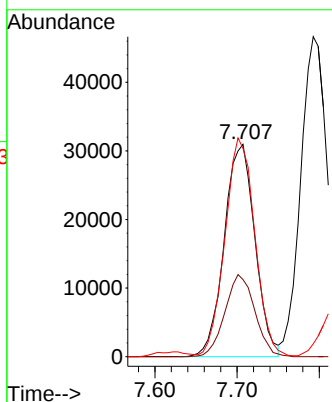
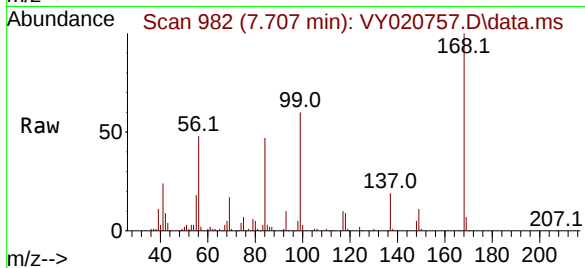




#31
Cyclohexane
Concen: 50.588 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

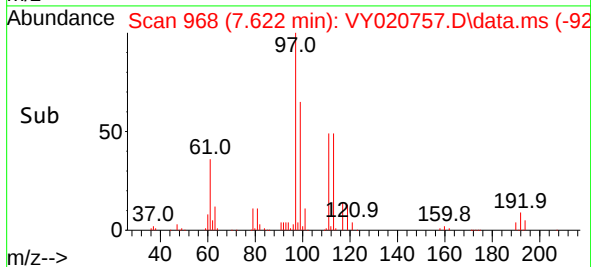
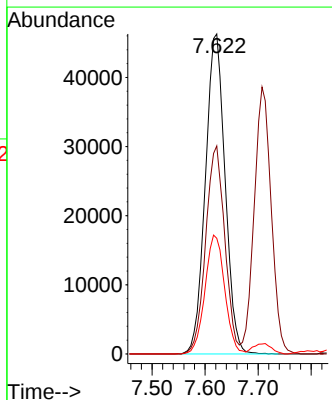
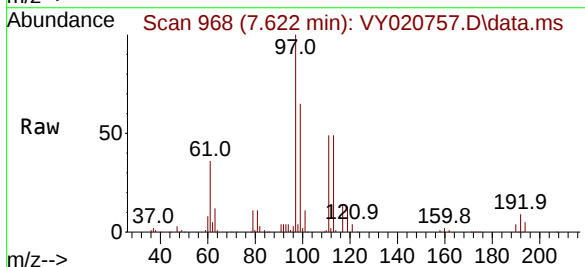
Instrument :
MSVOA_Y
ClientSampleId :

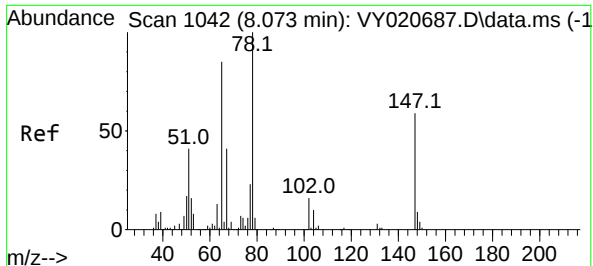
Tgt Ion: 56 Resp: 80574
Ion Ratio Lower Upper
56 100
69 36.3 31.3 46.9
84 95.7 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 46.944 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 97 Resp: 119444
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 37.2 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 65.803 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

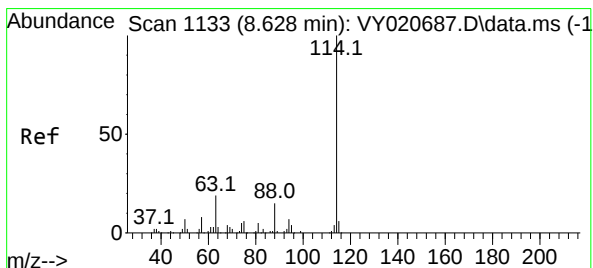
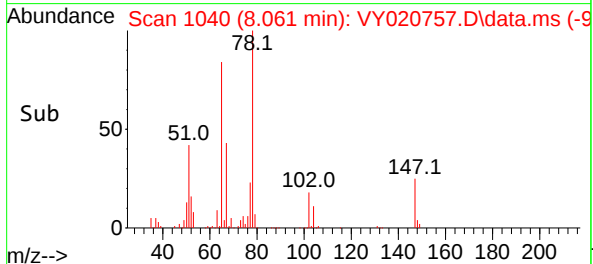
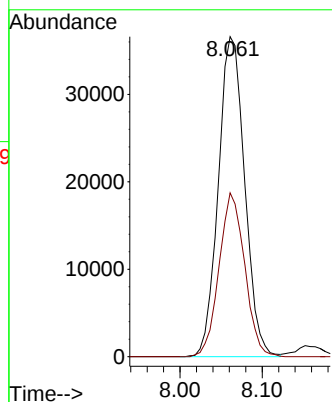
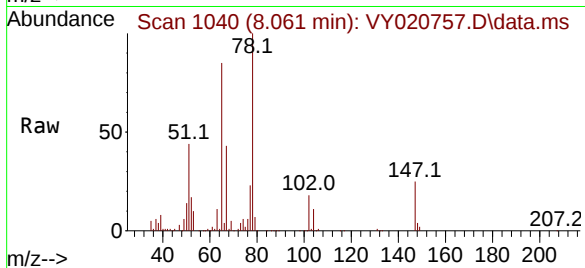
ClientSampleId :

Tgt Ion: 65 Resp: 81589

Ion Ratio Lower Upper

65 100

67 49.8 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

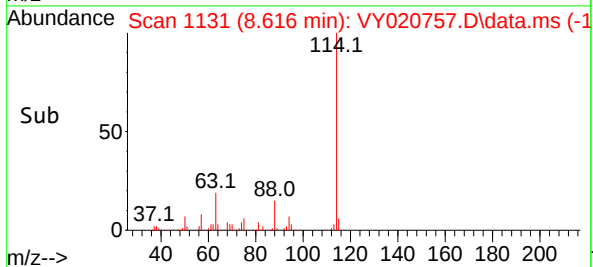
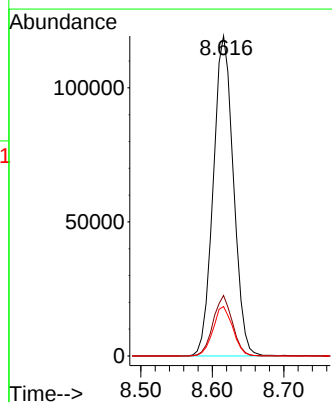
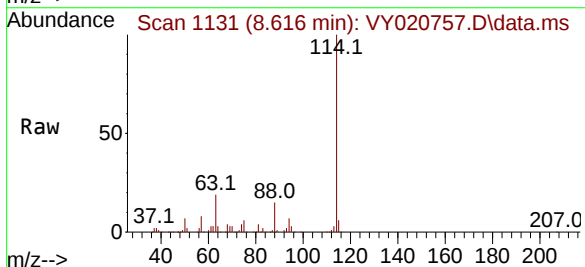
Tgt Ion: 114 Resp: 233561

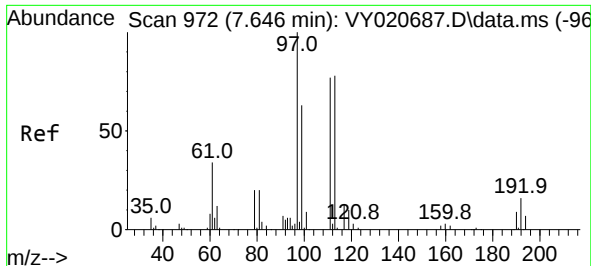
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

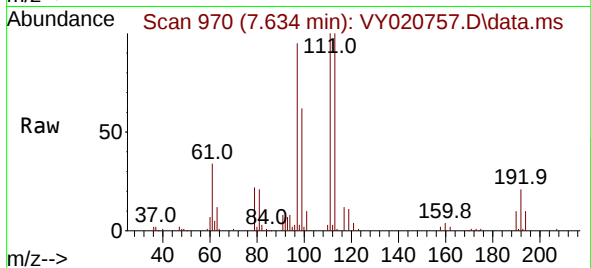
88 15.5 0.0 30.4



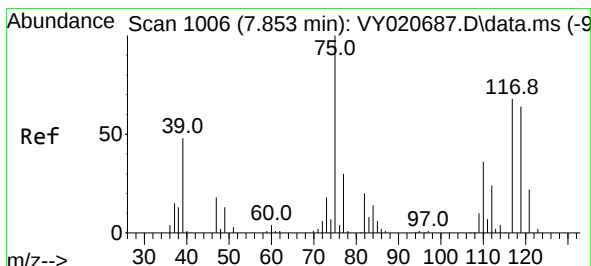
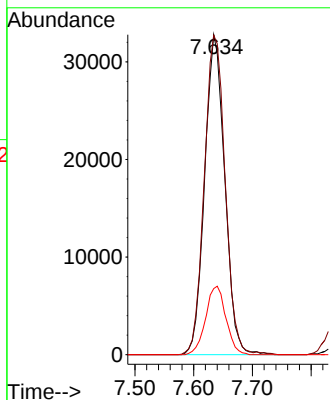
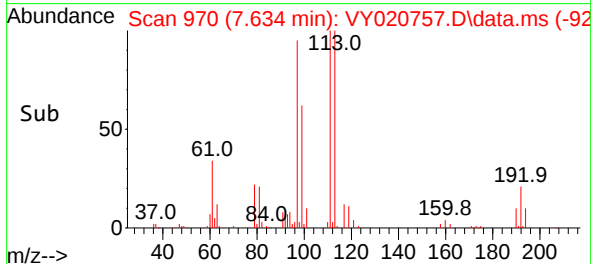


#35
Dibromofluoromethane
Concen: 60.549 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

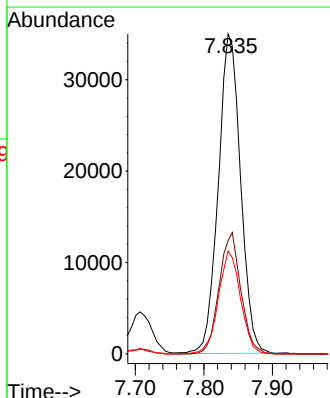
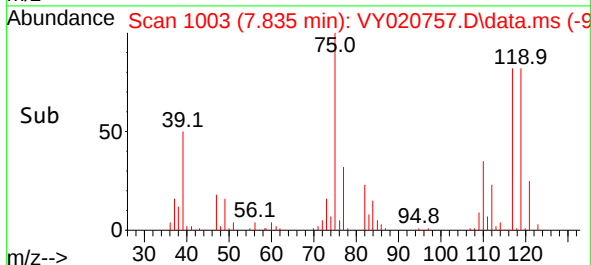
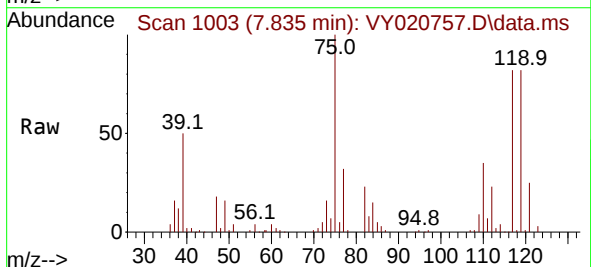


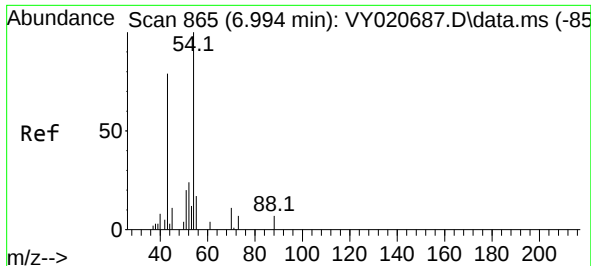
Tgt Ion:113 Resp: 77896
Ion Ratio Lower Upper
113 100
111 103.9 79.8 119.8
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 46.460 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 75 Resp: 78953
Ion Ratio Lower Upper
75 100
110 36.9 19.6 58.7
77 32.1 25.1 37.7

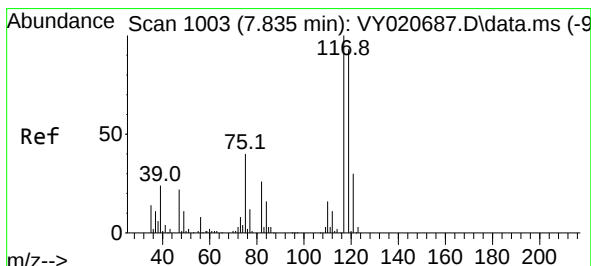
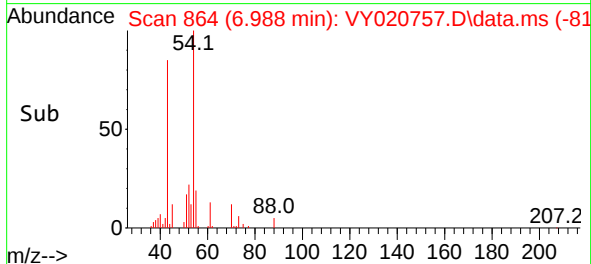
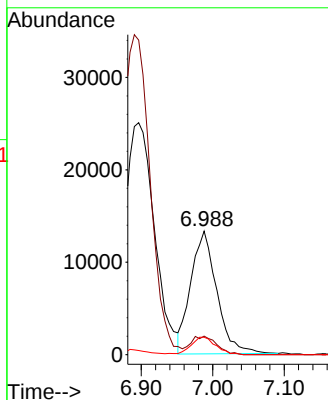
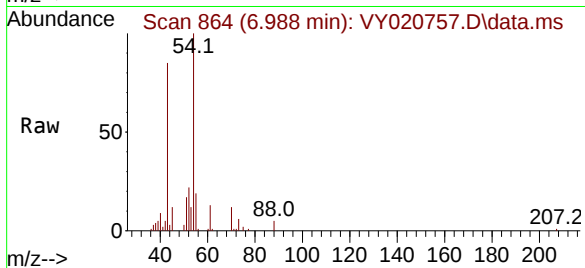




#37
Ethyl Acetate
Concen: 60.114 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

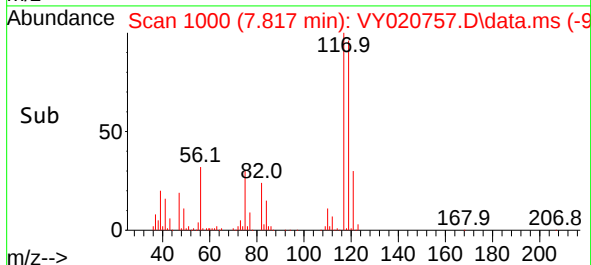
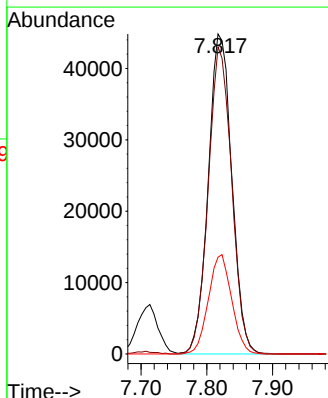
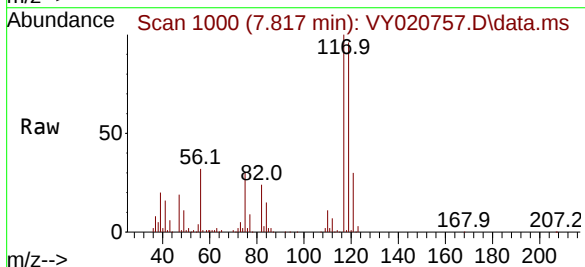
Instrument :
MSVOA_Y
ClientSampleId :

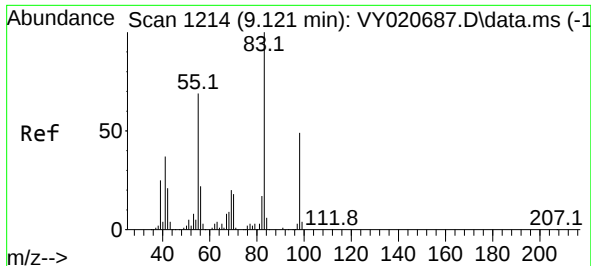
Tgt Ion: 43 Resp: 33663
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 13.5 11.0 16.4



#38
Carbon Tetrachloride
Concen: 39.997 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.018 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 117 Resp: 111926
Ion Ratio Lower Upper
117 100
119 96.0 74.4 111.6
121 30.3 24.2 36.2

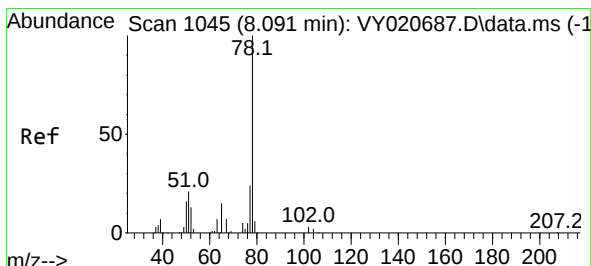
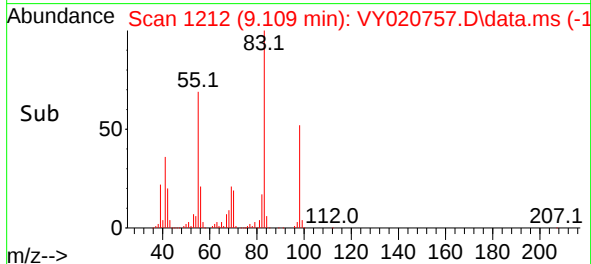
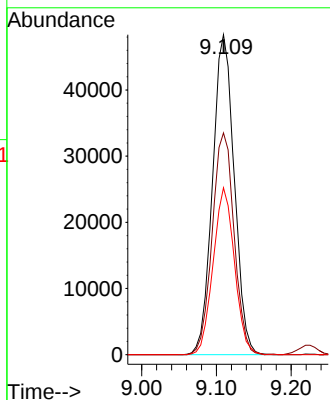
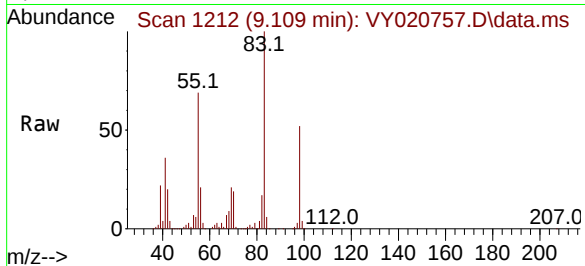




#39
Methylcyclohexane
Concen: 44.762 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

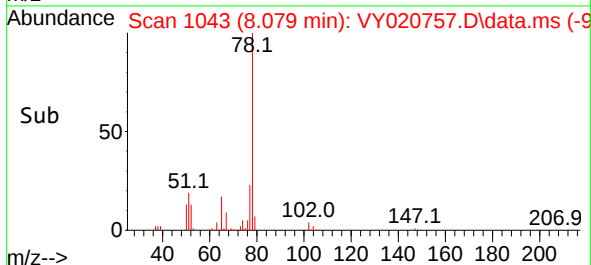
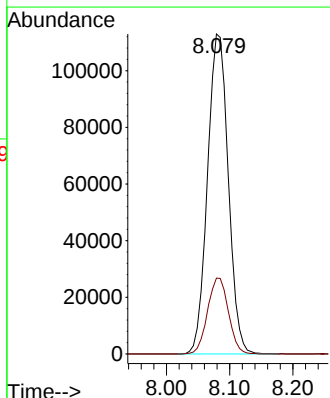
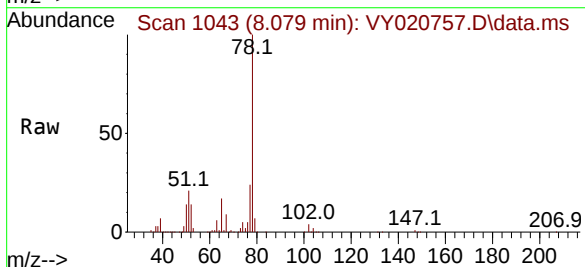
Instrument :
MSVOA_Y
ClientSampleId :

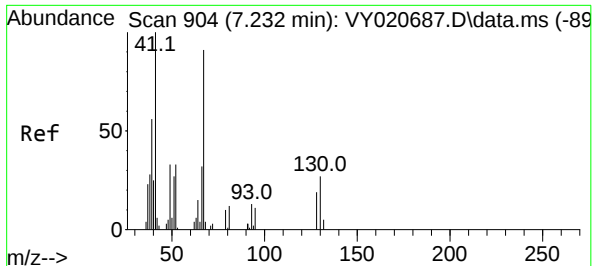
Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.3	55.0	82.4
98	52.1	39.0	58.6



#40
Benzene
Concen: 52.318 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

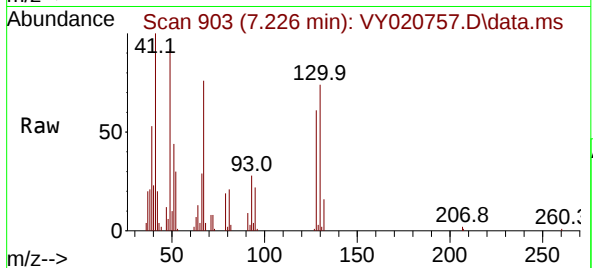
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8



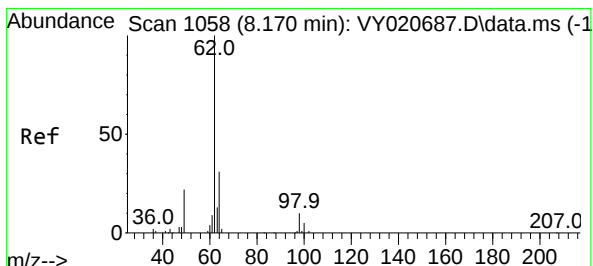
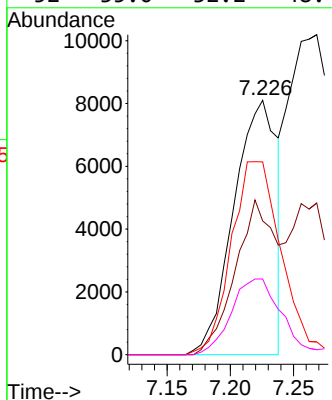
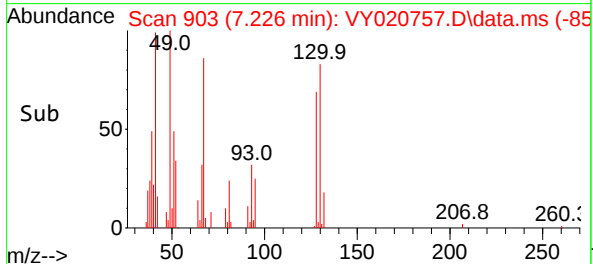


#41
Methacrylonitrile
Concen: 68.042 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

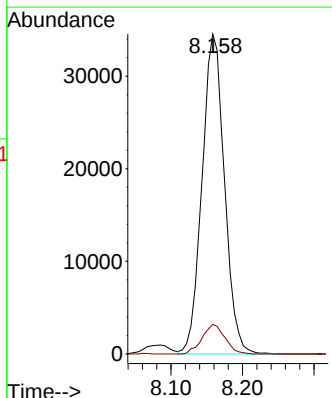
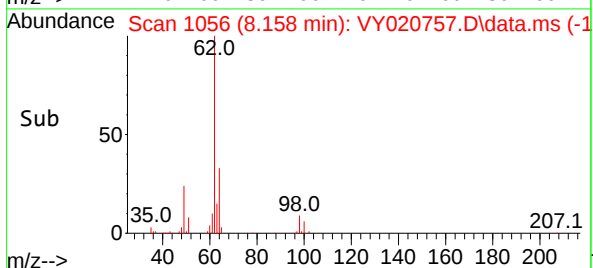
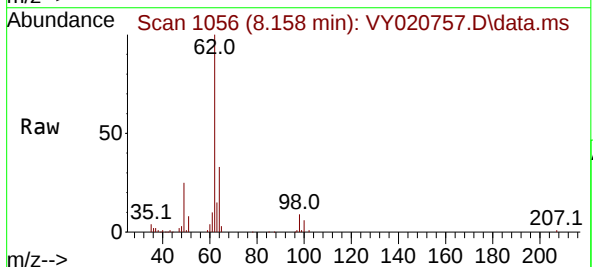


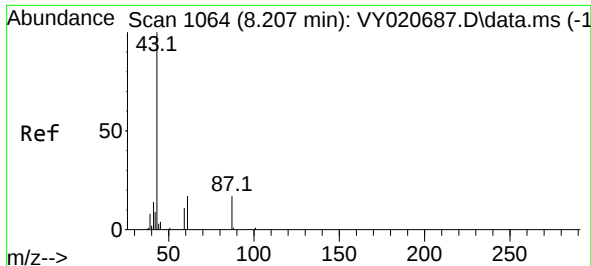
Tgt Ion:	41	Resp:	19247
Ion	Ratio	Lower	Upper
41	100		
39	55.3	46.6	70.0
67	88.1	74.7	112.1
52	35.0	32.2	48.4



#42
1,2-Dichloroethane
Concen: 47.602 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion:	62	Resp:	75174
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6

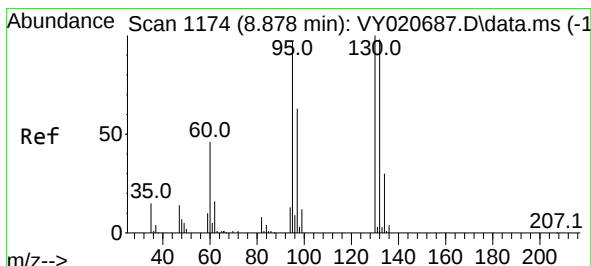
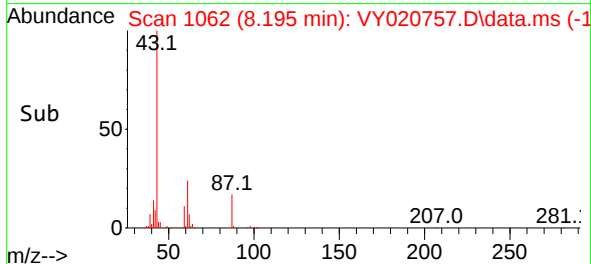
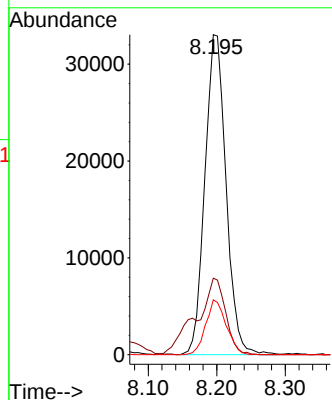
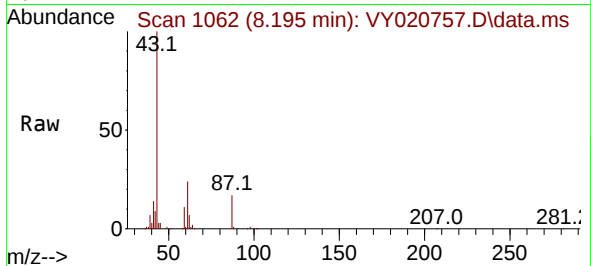




#43
Isopropyl Acetate
Concen: 59.738 ug/l
RT: 8.195 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

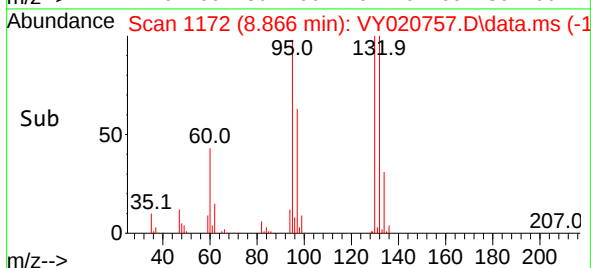
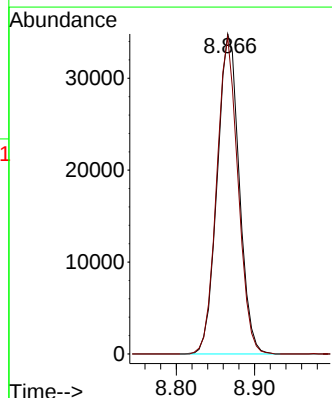
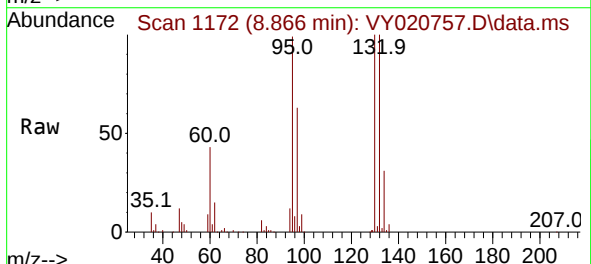
Instrument :
MSVOA_Y
ClientSampleId :

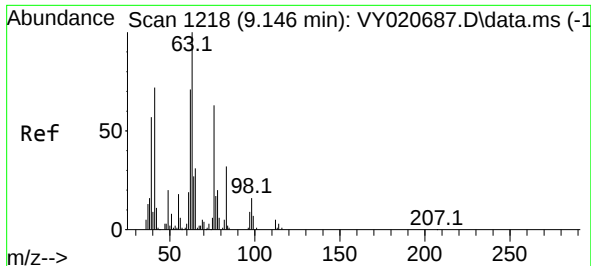
Tgt Ion: 43 Resp: 71104
Ion Ratio Lower Upper
43 100
61 33.2 27.0 40.4
87 16.6 14.2 21.4



#44
Trichloroethene
Concen: 46.181 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion:130 Resp: 67933
Ion Ratio Lower Upper
130 100
95 99.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 57.579 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

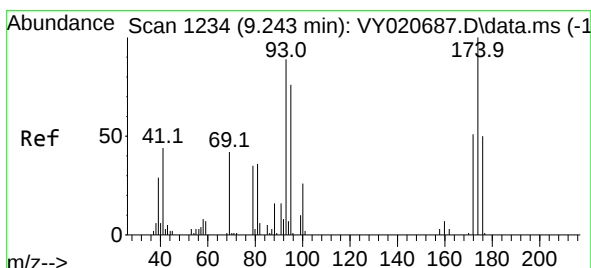
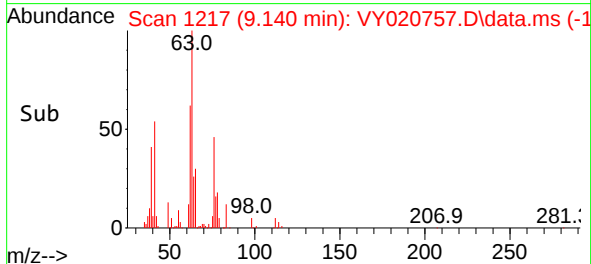
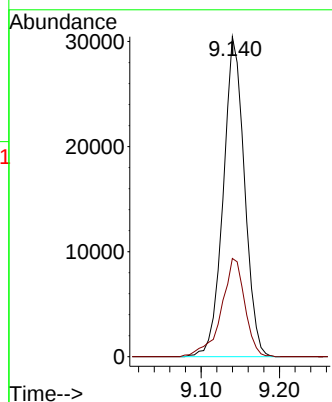
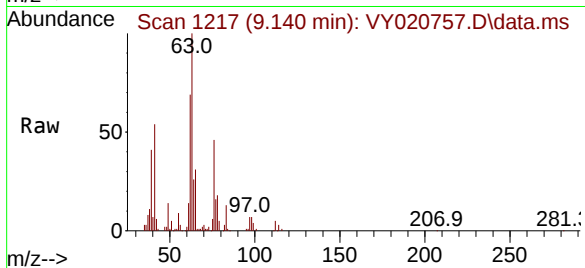
ClientSampleId :

Tgt Ion: 63 Resp: 57403

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 51.966 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

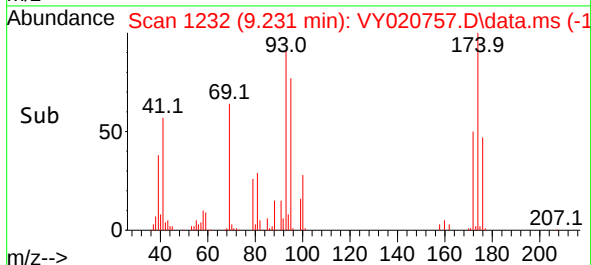
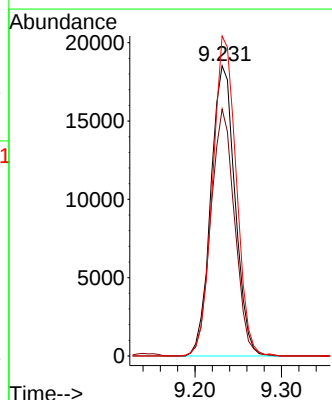
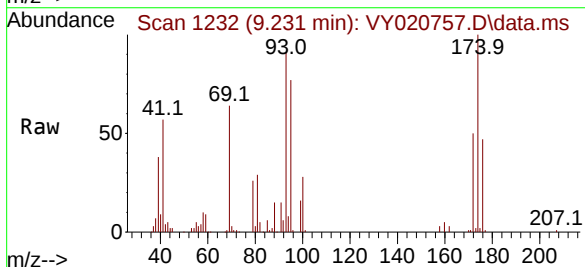
Tgt Ion: 93 Resp: 35846

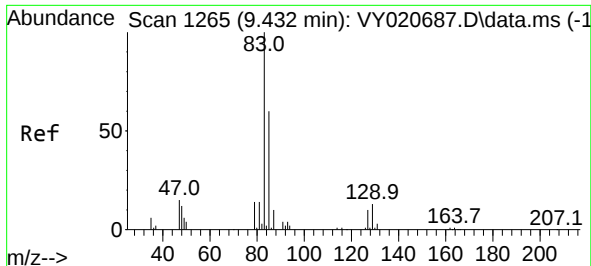
Ion Ratio Lower Upper

93 100

95 83.7 67.8 101.8

174 108.0 89.4 134.0

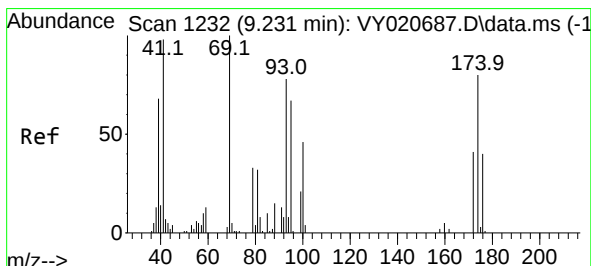
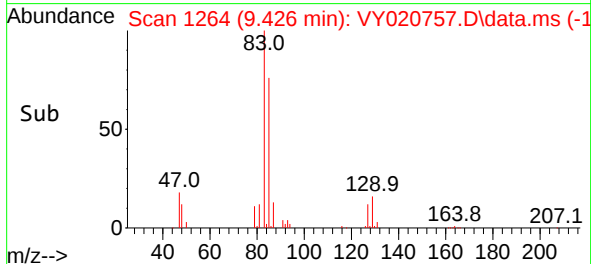
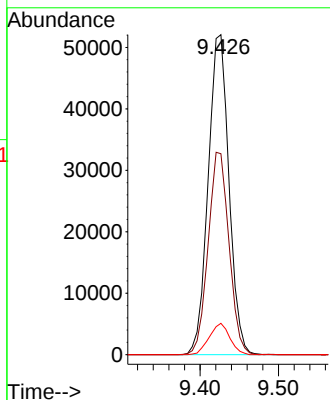
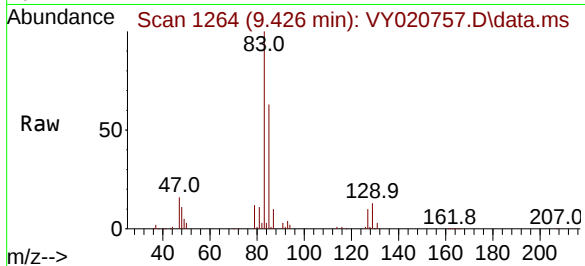




#47
Bromodichloromethane
Concen: 49.043 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

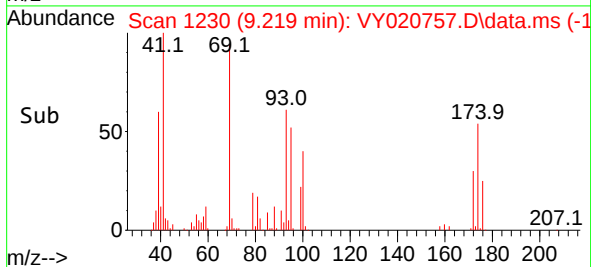
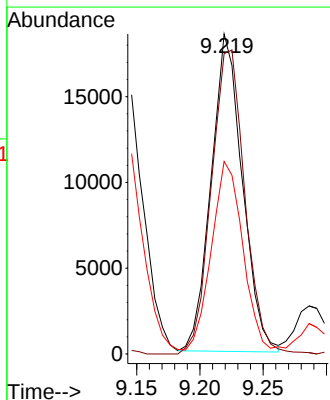
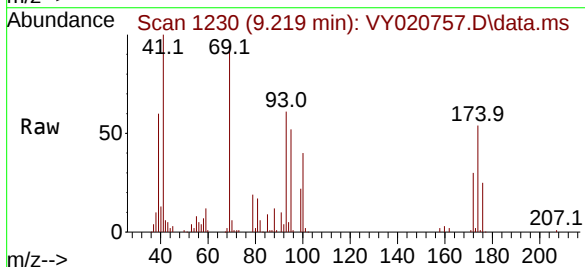
Instrument :
MSVOA_Y
ClientSampleId :

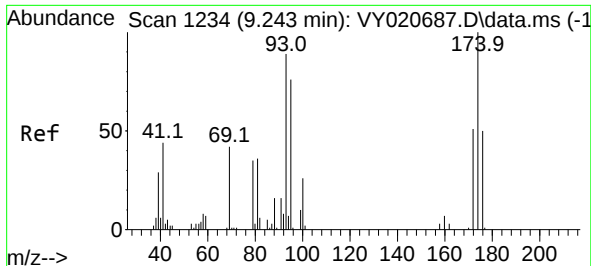
Tgt Ion: 83 Resp: 95911
Ion Ratio Lower Upper
83 100
85 62.8 47.6 71.4
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 57.185 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 41 Resp: 31786
Ion Ratio Lower Upper
41 100
69 102.4 83.1 124.7
39 62.4 57.3 85.9





#49

1,4-Dioxane

Concen: 1224.238 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

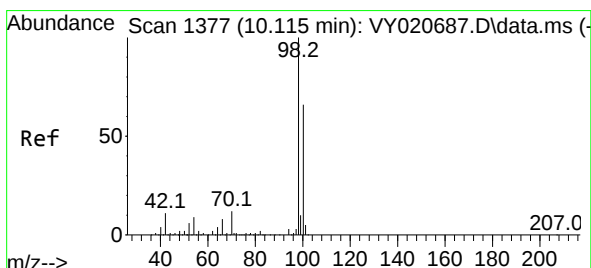
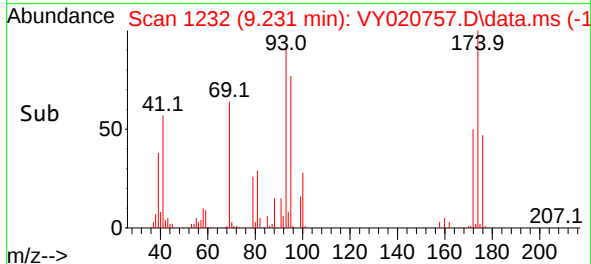
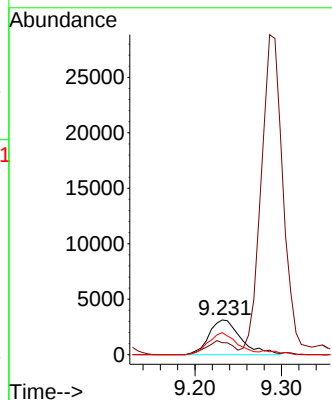
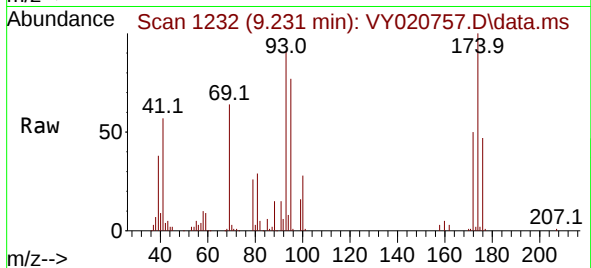
Tgt Ion: 88 Resp: 8044

Ion Ratio Lower Upper

88 100

43 31.7 22.1 33.1

58 56.8 46.7 70.1



#50

Toluene-d8

Concen: 57.661 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020757.D

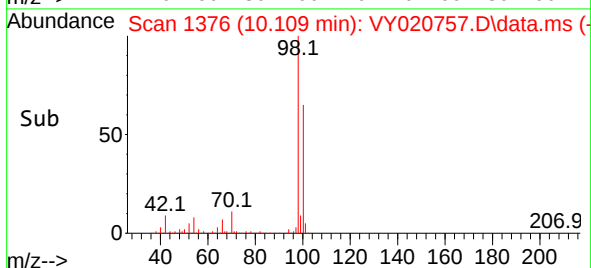
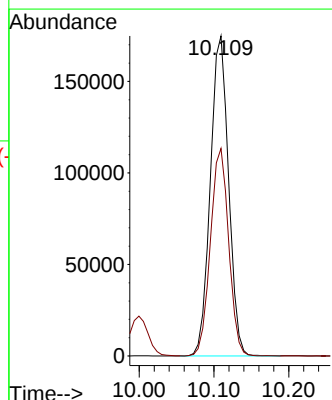
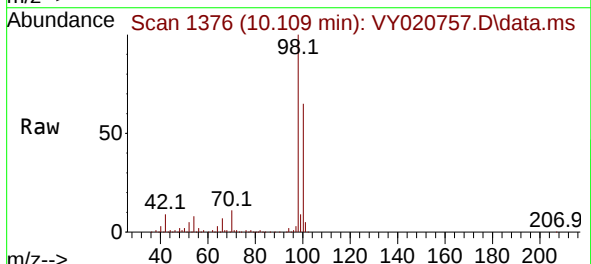
Acq: 30 Dec 2024 16:37

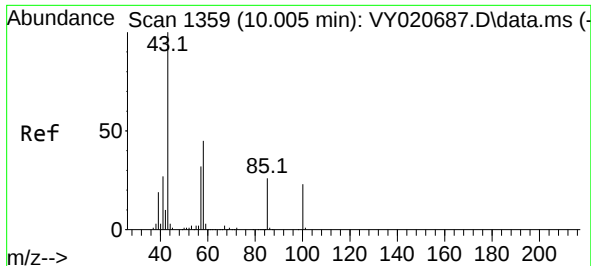
Tgt Ion: 98 Resp: 296389

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4

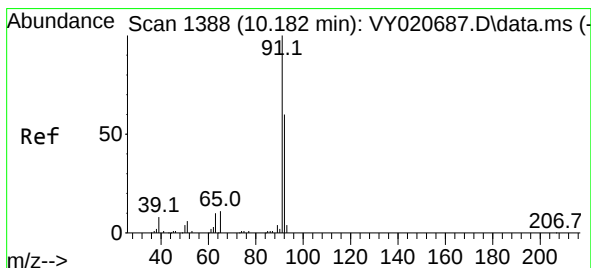
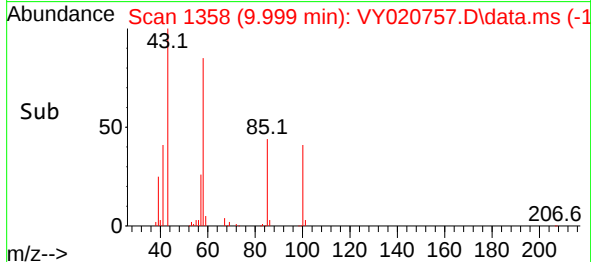
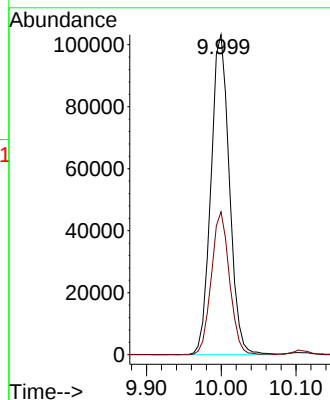
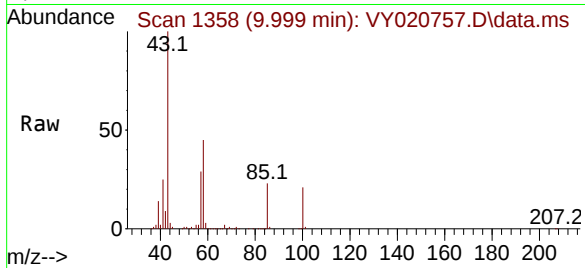




#51
4-Methyl-2-Pentanone
Concen: 307.968 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

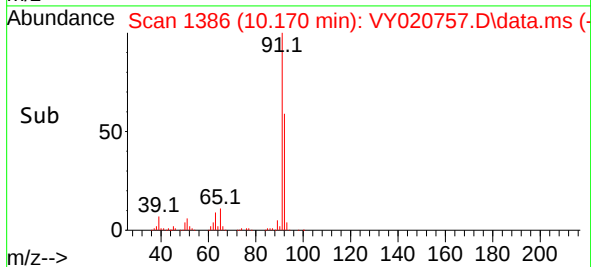
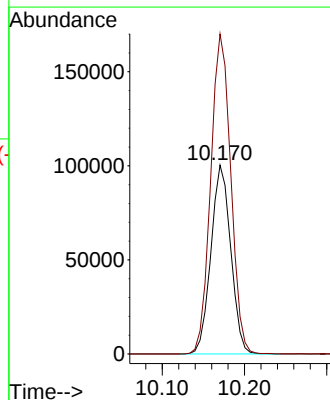
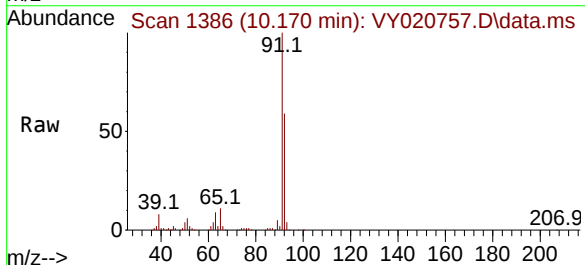
Instrument :
MSVOA_Y
ClientSampleId :

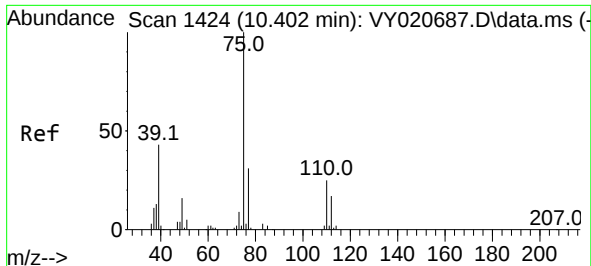
Tgt Ion: 43 Resp: 176930
Ion Ratio Lower Upper
43 100
58 44.0 35.1 52.7



#52
Toluene
Concen: 49.810 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 92 Resp: 168137
Ion Ratio Lower Upper
92 100
91 171.8 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 50.445 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

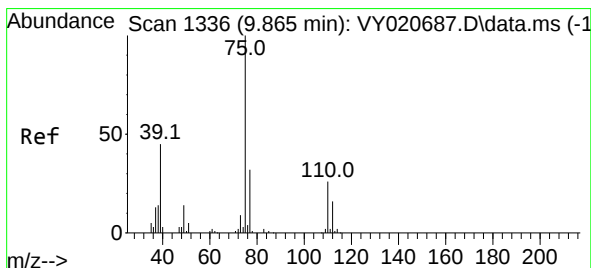
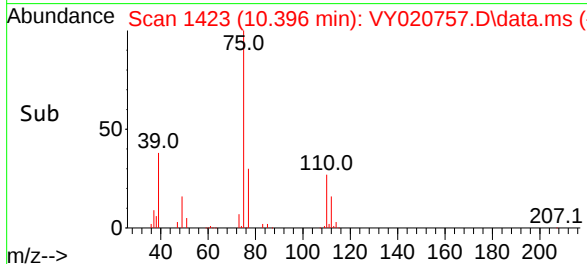
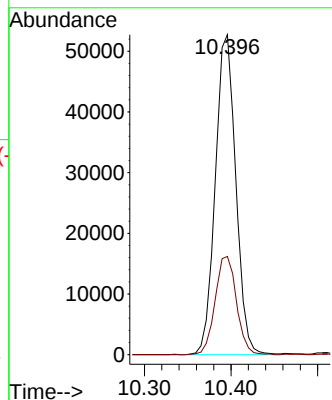
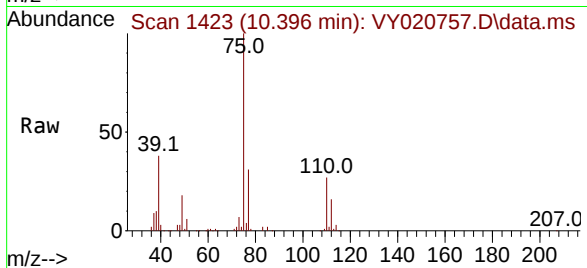
ClientSampleId :

Tgt Ion: 75 Resp: 86646

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.775 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

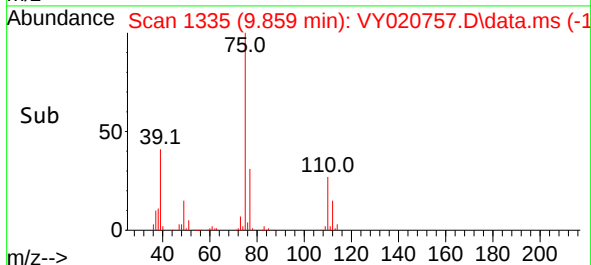
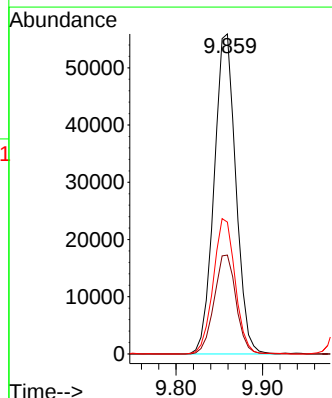
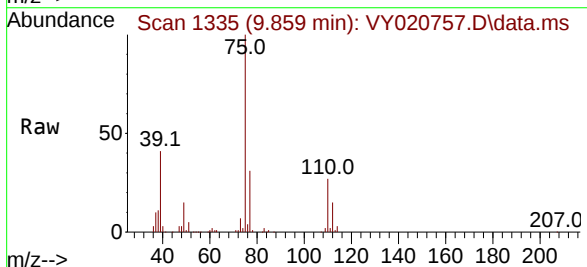
Tgt Ion: 75 Resp: 97479

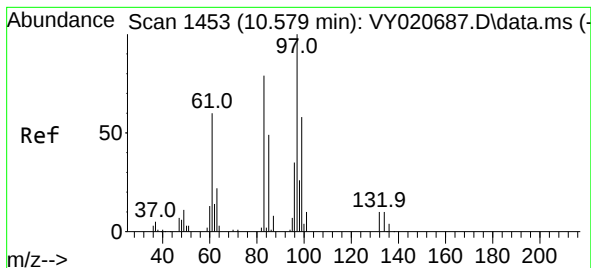
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 41.2 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 52.986 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 46655

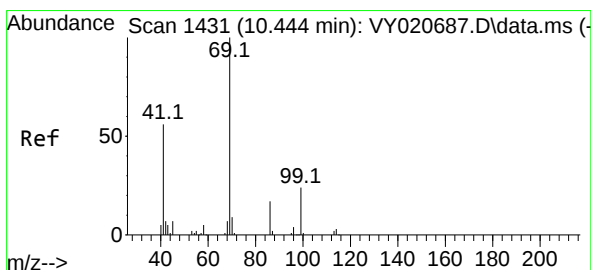
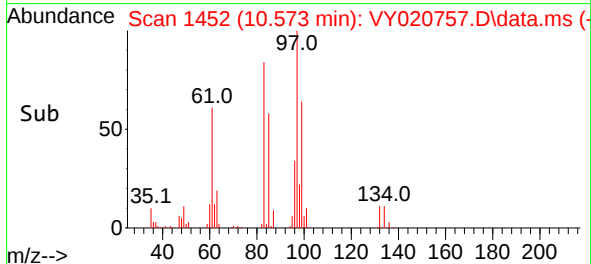
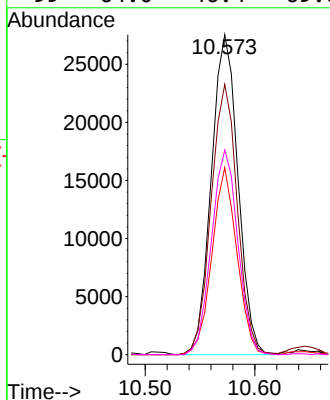
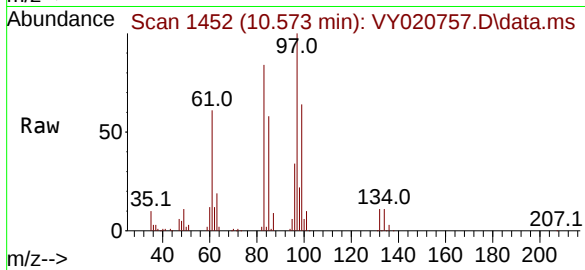
Ion Ratio Lower Upper

97 100

83 84.5 63.1 94.7

85 58.5 39.5 59.3

99 64.0 46.4 69.6



#56

Ethyl methacrylate

Concen: 56.189 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

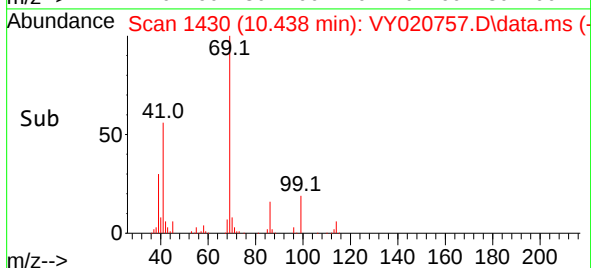
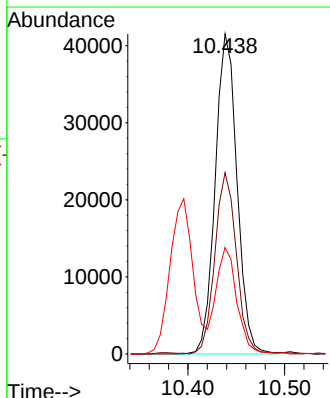
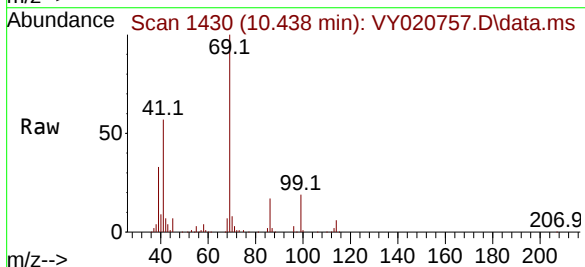
Tgt Ion: 69 Resp: 64997

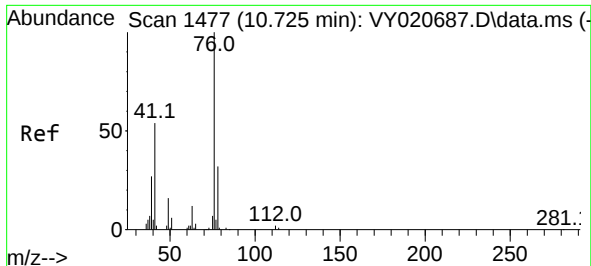
Ion Ratio Lower Upper

69 100

41 56.3 43.8 65.6

39 31.5 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 55.217 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

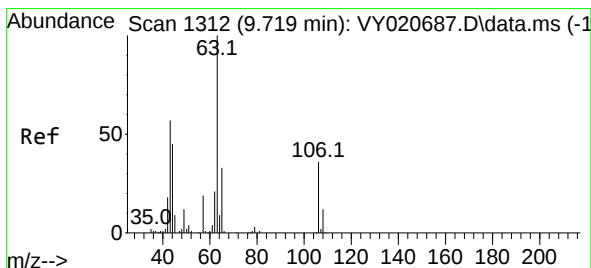
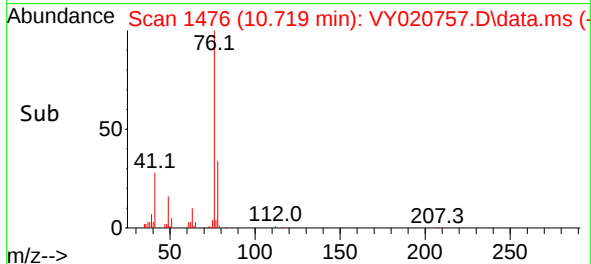
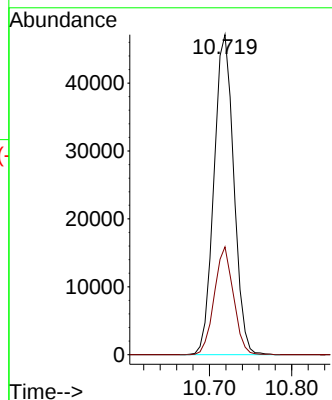
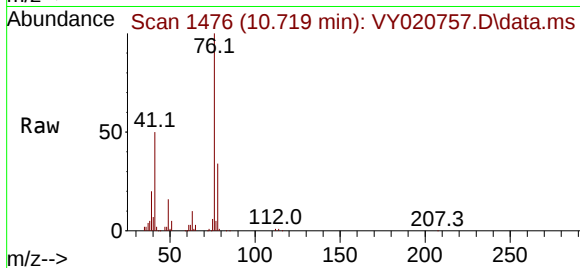
ClientSampleId :

Tgt Ion: 76 Resp: 78910

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 370.050 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020757.D

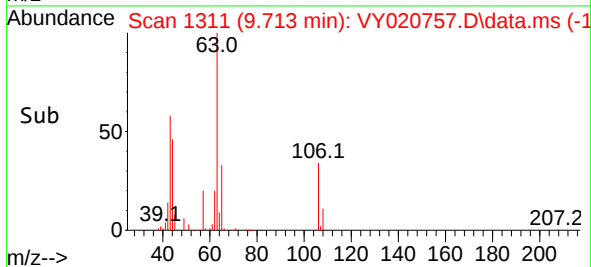
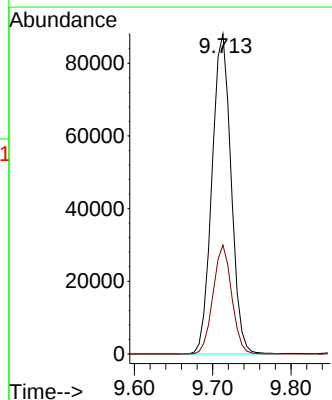
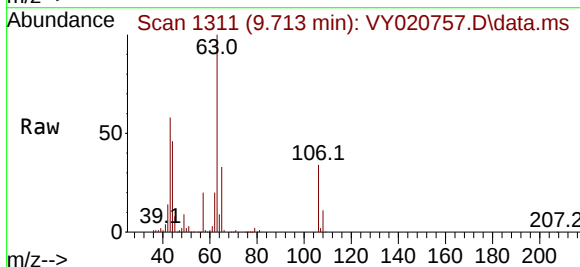
Acq: 30 Dec 2024 16:37

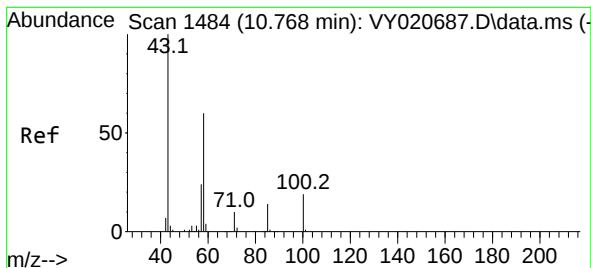
Tgt Ion: 63 Resp: 149269

Ion Ratio Lower Upper

63 100

106 33.2 29.1 43.7





#59

2-Hexanone

Concen: 310.319 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

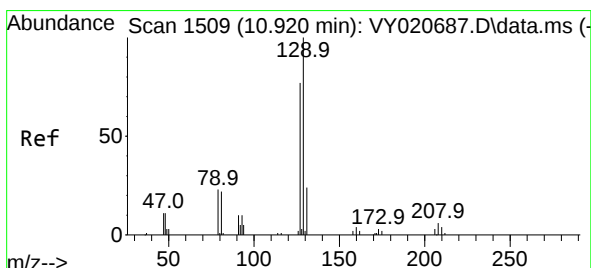
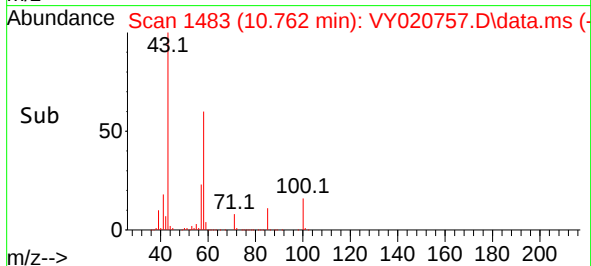
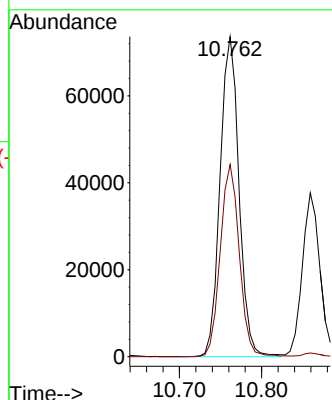
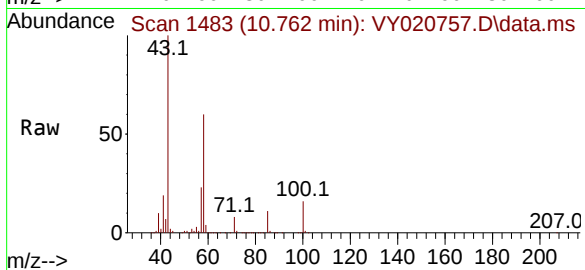
ClientSampleId :

Tgt Ion: 43 Resp: 117710

Ion Ratio Lower Upper

43 100

58 60.5 30.1 90.5



#60

Dibromochloromethane

Concen: 49.463 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VY020757.D

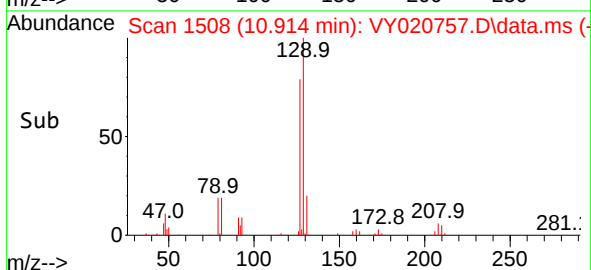
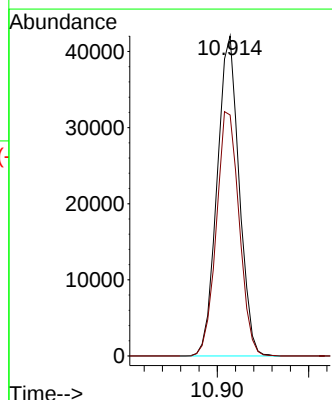
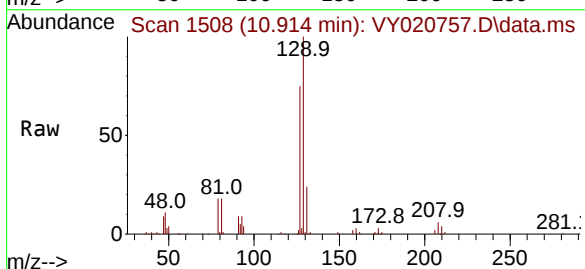
Acq: 30 Dec 2024 16:37

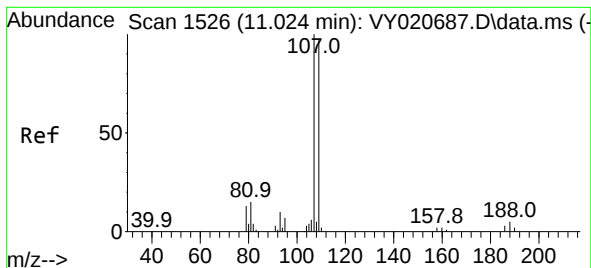
Tgt Ion:129 Resp: 70375

Ion Ratio Lower Upper

129 100

127 78.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.488 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

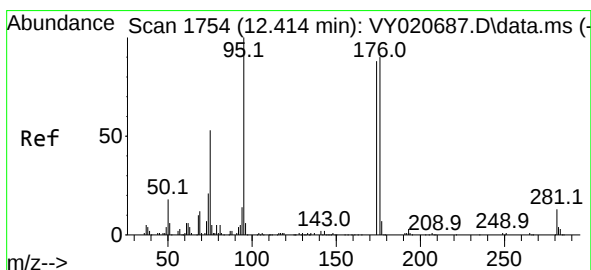
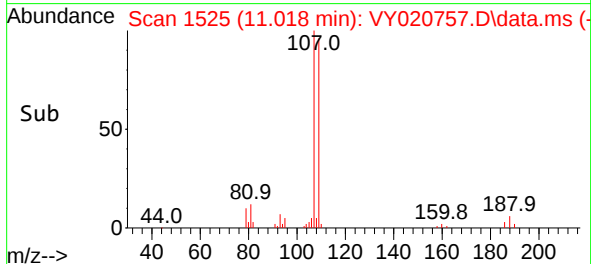
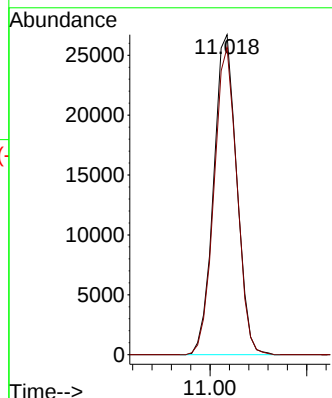
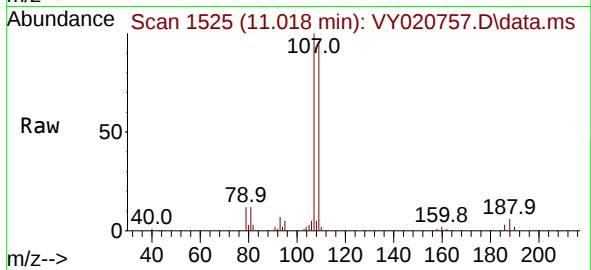
ClientSampleId :

Tgt Ion:107 Resp: 44316

Ion Ratio Lower Upper

107 100

109 95.1 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 60.151 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

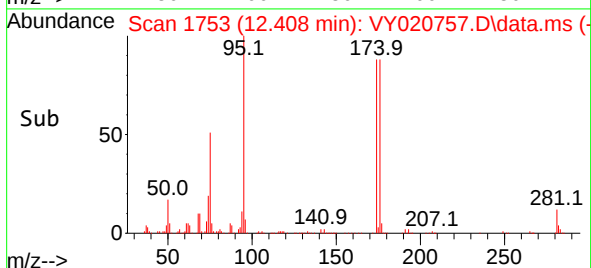
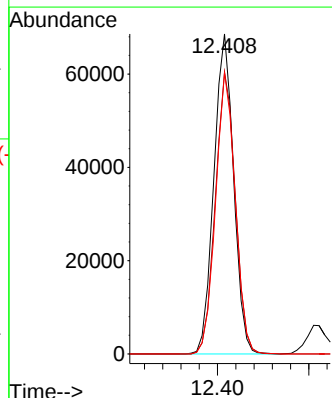
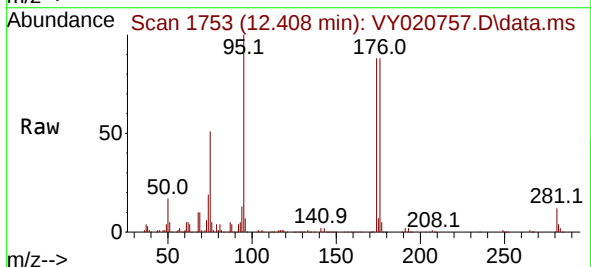
Tgt Ion: 95 Resp: 102840

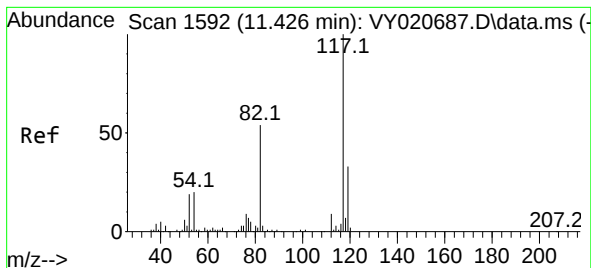
Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.2

176 87.4 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

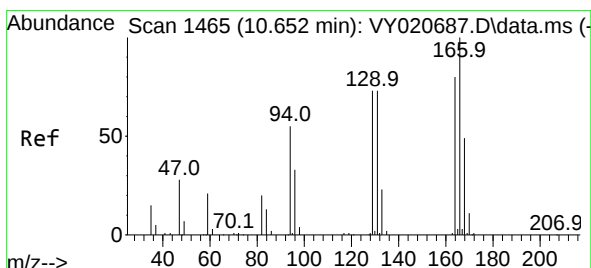
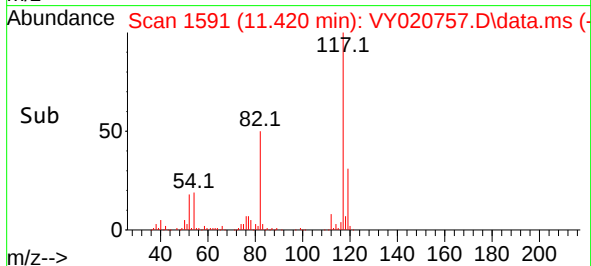
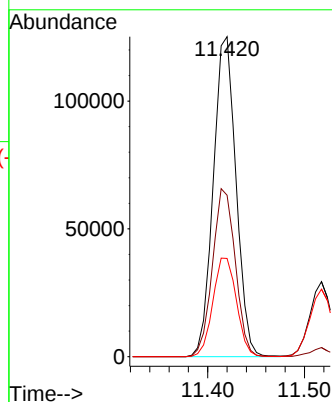
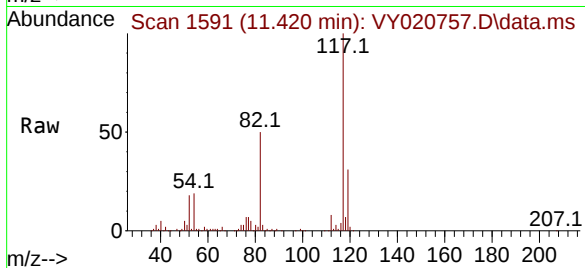
Tgt Ion:117 Resp: 204550

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.2

119 30.7 26.6 39.8



#64

Tetrachloroethene

Concen: 44.093 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Tgt Ion:164 Resp: 61620

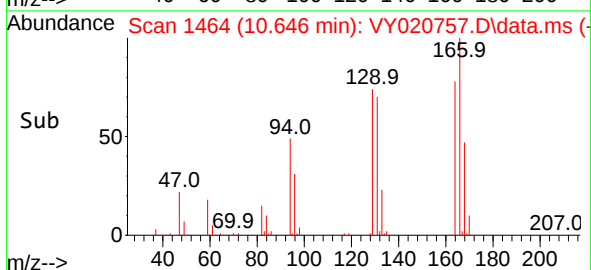
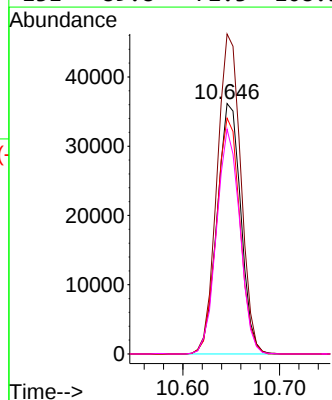
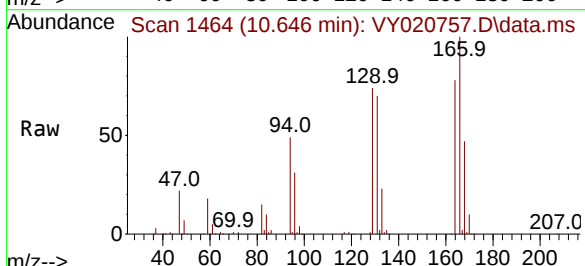
Ion Ratio Lower Upper

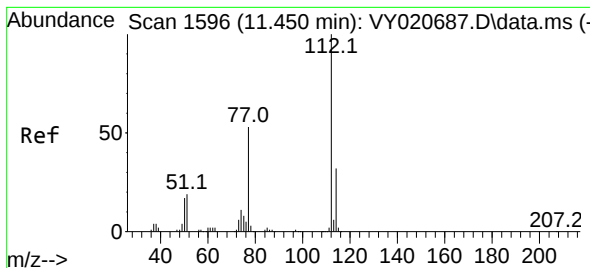
164 100

166 127.8 99.6 149.4

129 94.2 73.0 109.4

131 89.8 72.3 108.5





#65

Chlorobenzene

Concen: 47.780 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

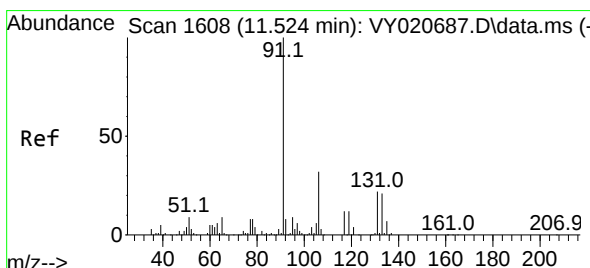
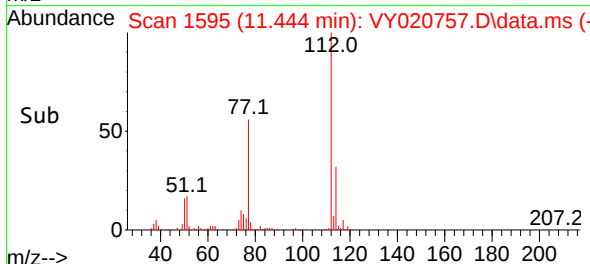
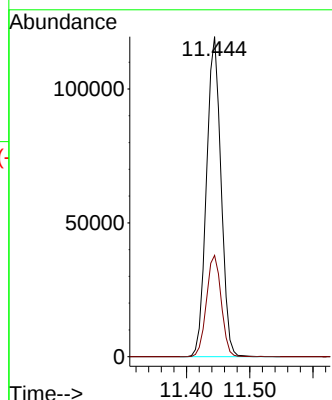
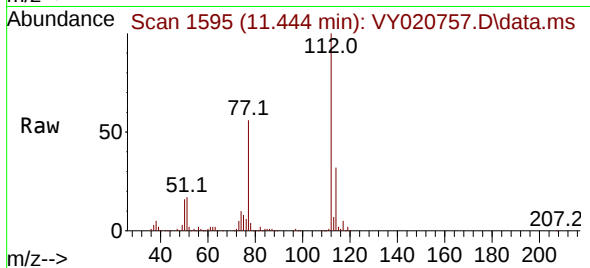
ClientSampleId :

Tgt Ion:112 Resp: 191372

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 46.332 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

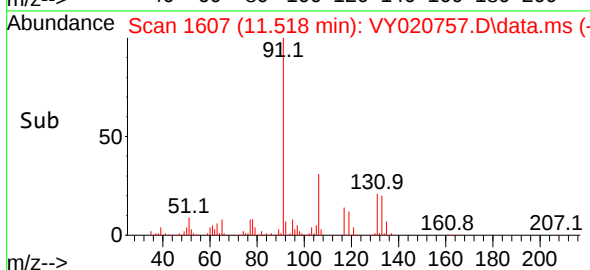
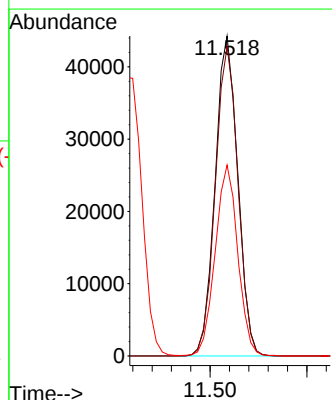
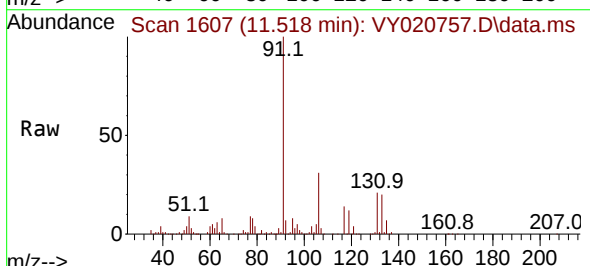
Tgt Ion:131 Resp: 71894

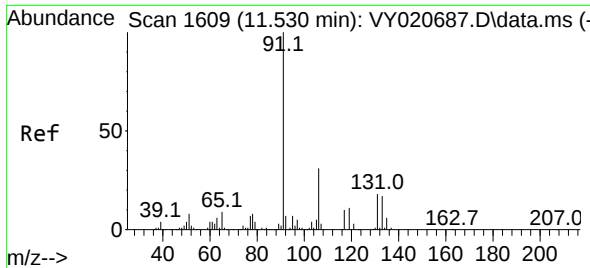
Ion Ratio Lower Upper

131 100

133 96.9 48.6 145.9

119 59.6 28.4 85.3

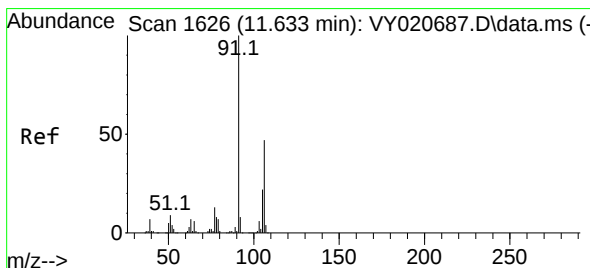
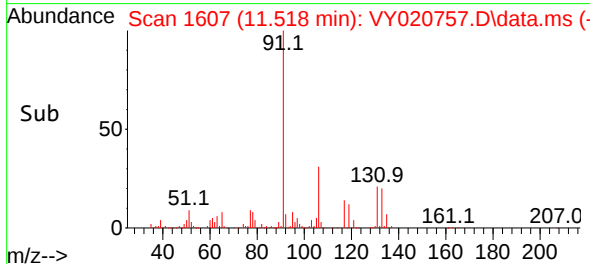
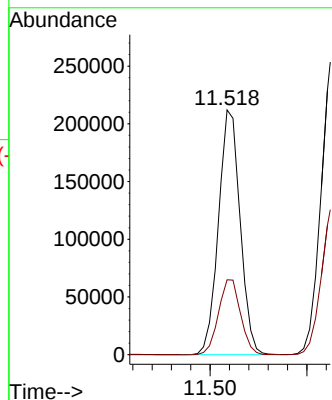
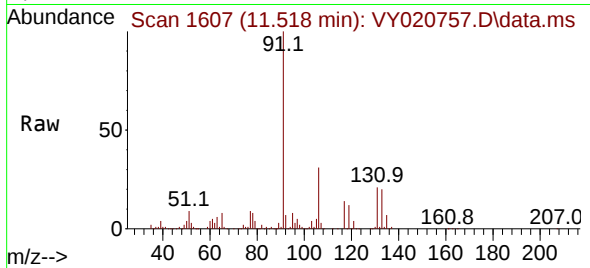




#67
Ethyl Benzene
Concen: 47.020 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.012 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

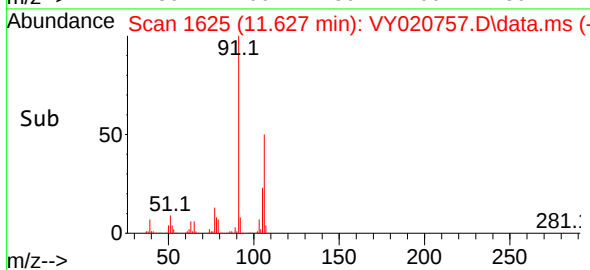
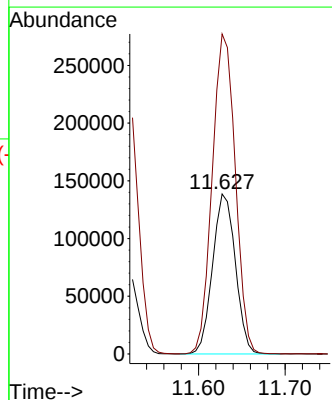
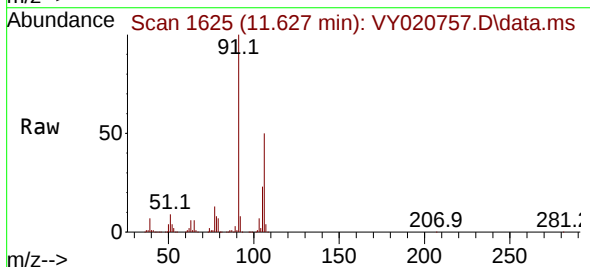
Instrument :
MSVOA_Y
ClientSampleId :

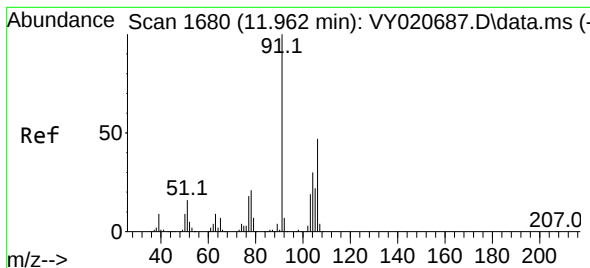
Tgt Ion: 91 Resp: 329150
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 95.018 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion:106 Resp: 253728
Ion Ratio Lower Upper
106 100
91 202.5 166.6 250.0





#69

o-Xylene

Concen: 47.764 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

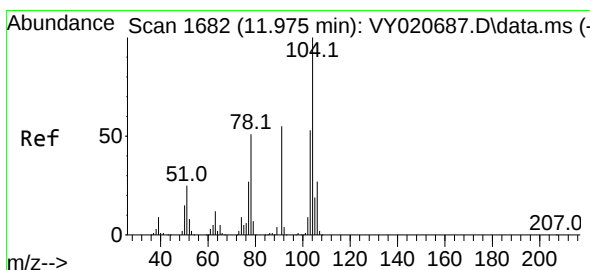
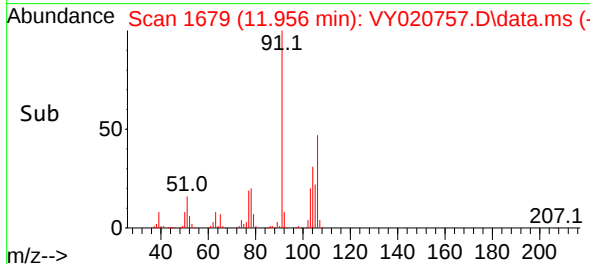
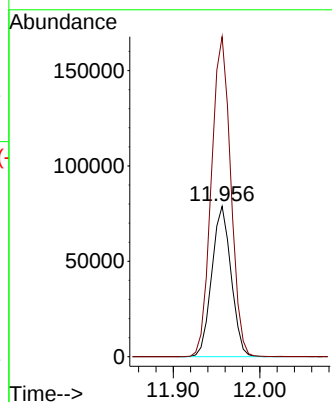
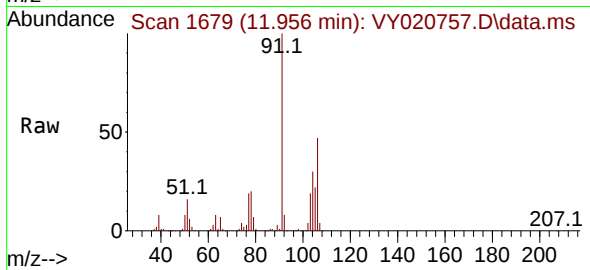
ClientSampleId :

Tgt Ion:106 Resp: 121859

Ion Ratio Lower Upper

106 100

91 214.3 108.6 325.8



#70

Styrene

Concen: 49.412 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

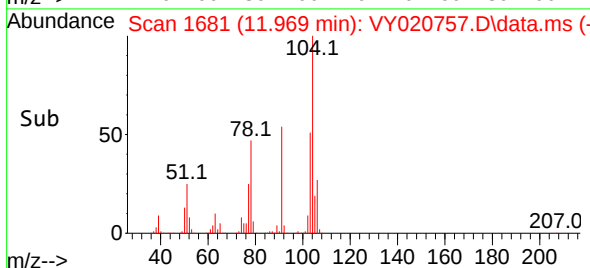
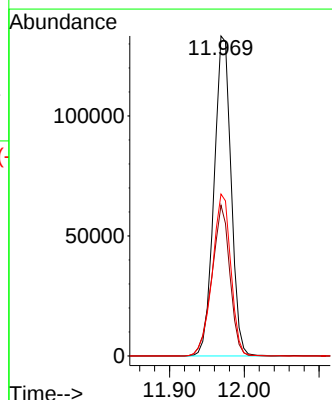
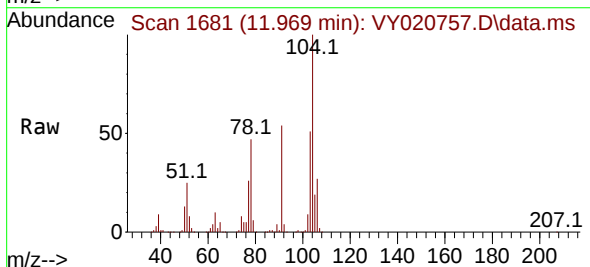
Tgt Ion:104 Resp: 211623

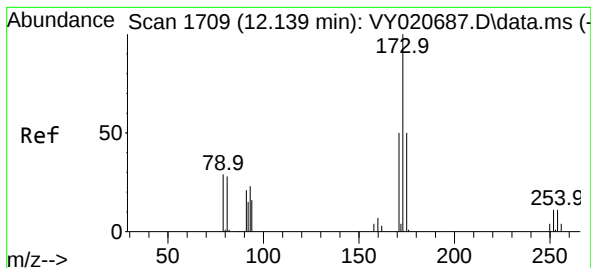
Ion Ratio Lower Upper

104 100

78 49.7 43.0 64.4

103 54.9 44.4 66.6





#71

Bromoform

Concen: 48.553 ug/l

RT: 12.133 min Scan# 1709

Delta R.T. -0.006 min

Lab File: VY020757.D

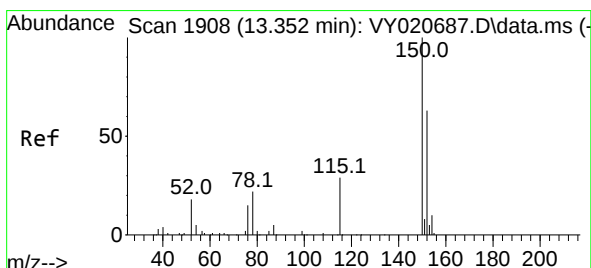
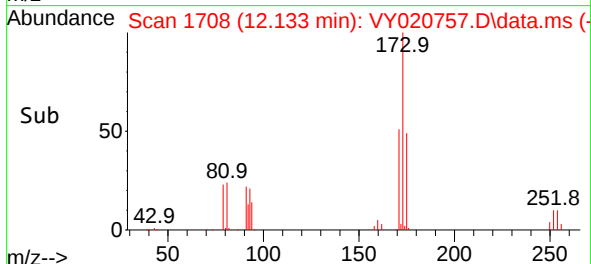
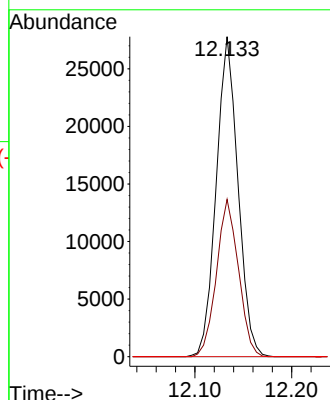
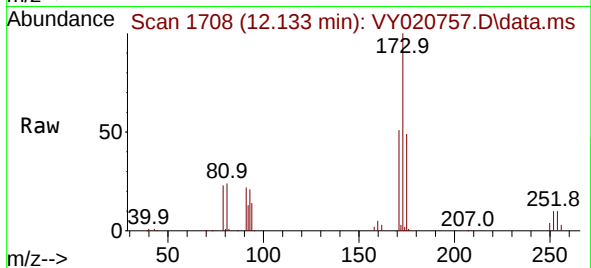
Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	43315
Ion Ratio	Lower	Upper
173	100	
175	49.7	24.2 72.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

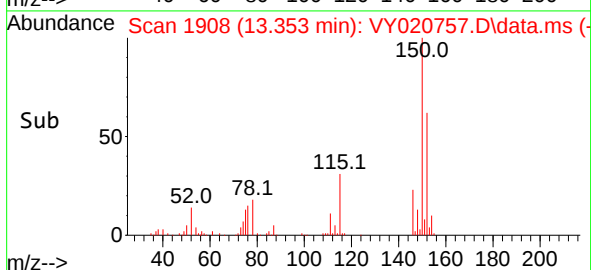
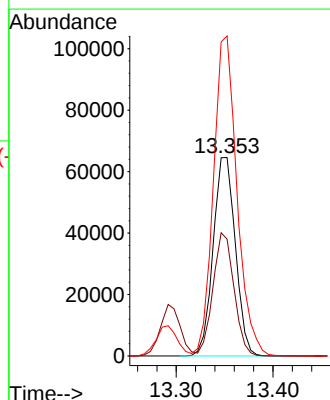
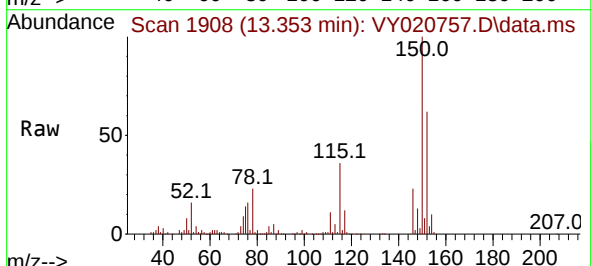
RT: 13.353 min Scan# 1908

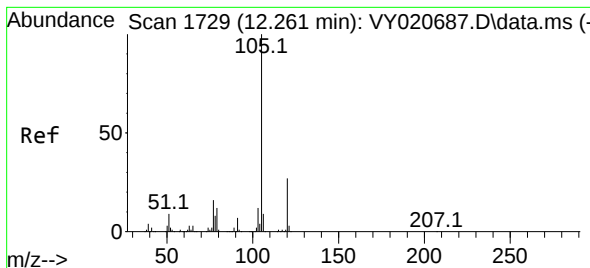
Delta R.T. 0.001 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Tgt Ion:152	Resp:	102950
Ion Ratio	Lower	Upper
152	100	
115	58.7	30.3 90.9
150	170.9	0.0 349.0





#73

Isopropylbenzene

Concen: 45.511 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

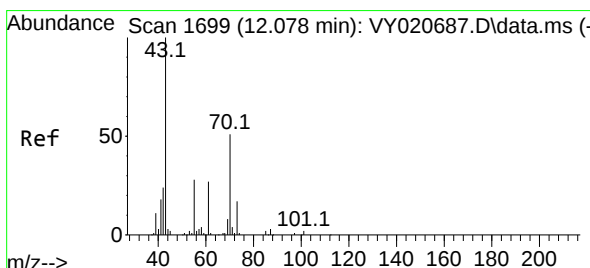
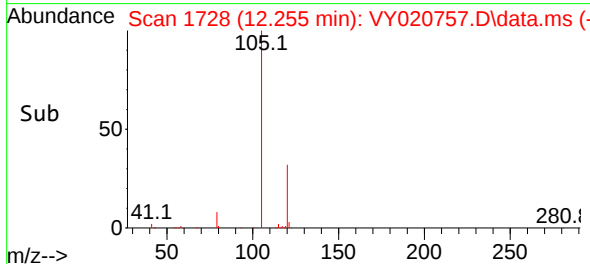
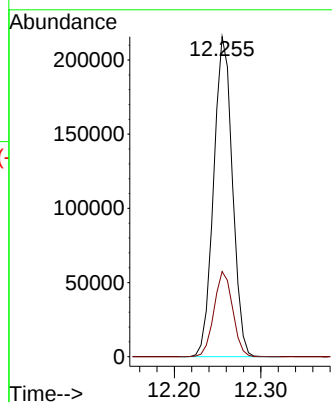
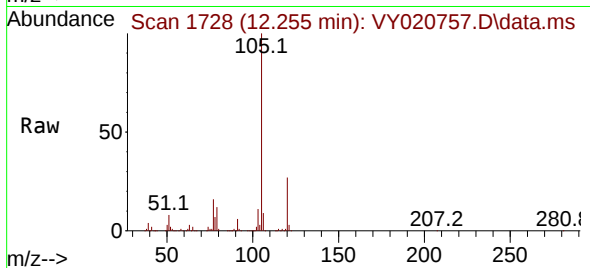
ClientSampleId :

Tgt Ion:105 Resp: 324609

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 60.793 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Tgt Ion: 43 Resp: 61619

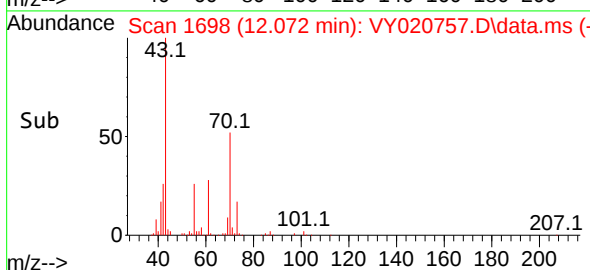
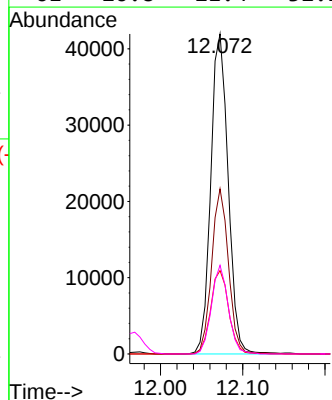
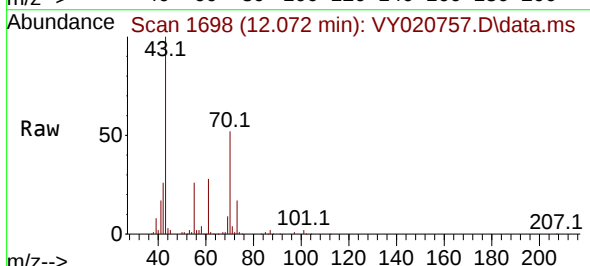
Ion Ratio Lower Upper

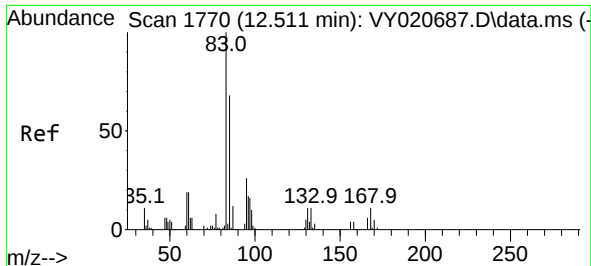
43 100

70 49.9 39.7 59.5

55 27.1 21.5 32.3

61 26.8 21.4 32.2

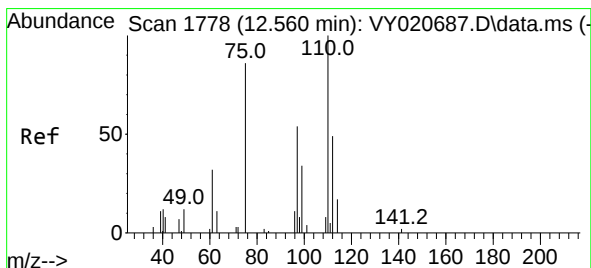
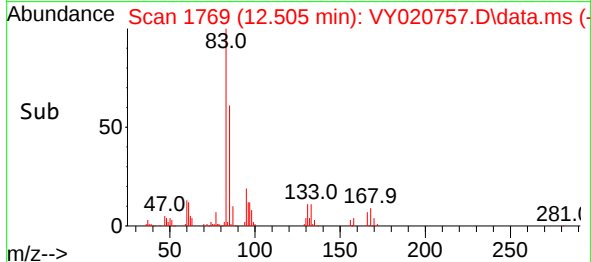
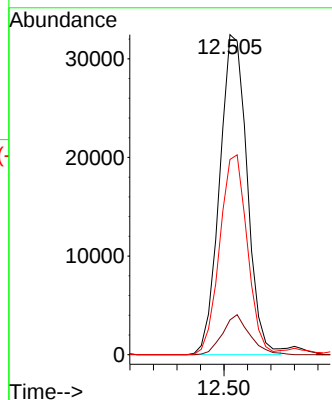
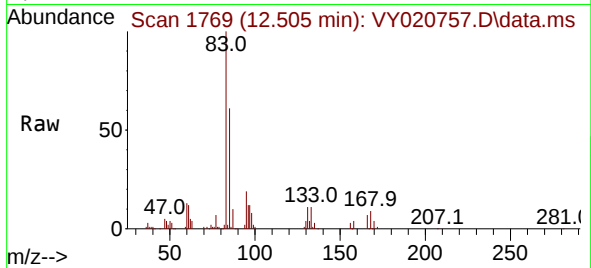




#75
1,1,2,2-Tetrachloroethane
Concen: 57.714 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

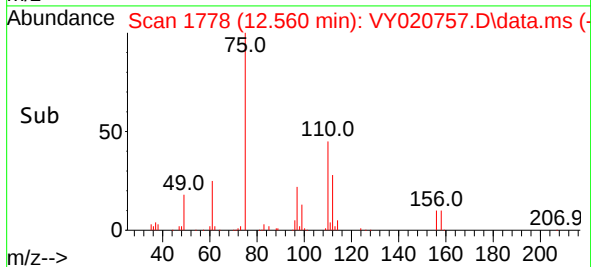
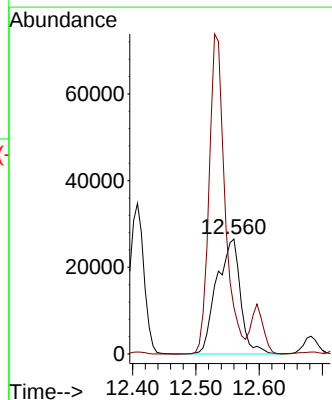
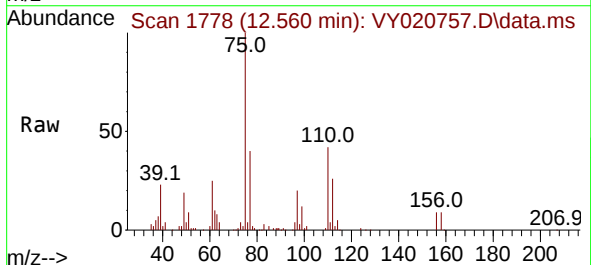
Instrument :
MSVOA_Y
ClientSampleId :

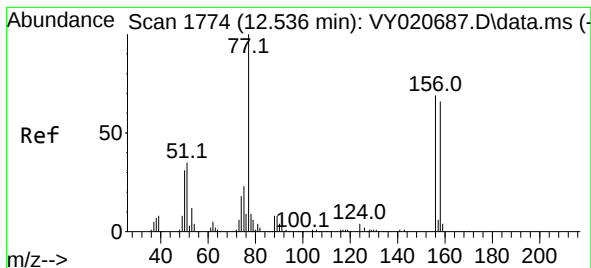
Tgt Ion: 83 Resp: 52772
Ion Ratio Lower Upper
83 100
131 12.3 6.9 20.7
85 62.8 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 105.424 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 75 Resp: 69029
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.418 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020757.D

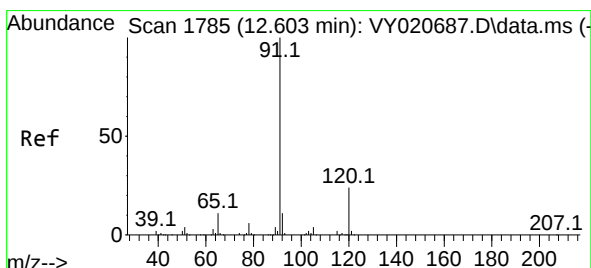
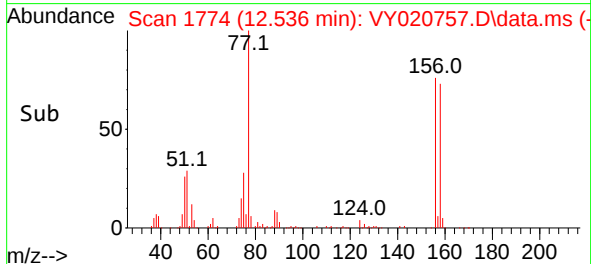
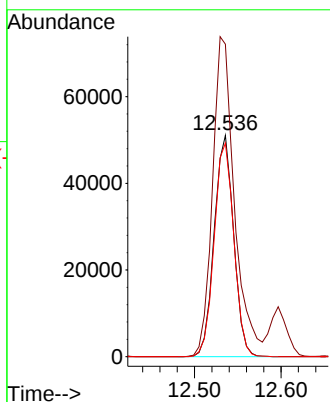
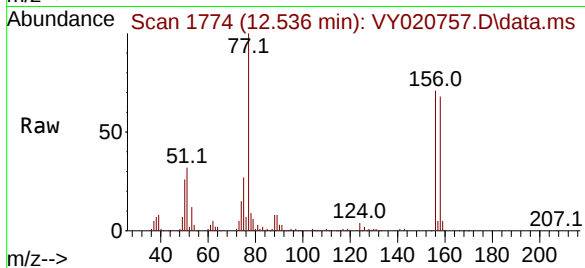
Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	79497
Ion	Ratio	Lower	Upper
156	100		
77	163.2	78.3	235.0
158	97.9	48.3	144.9



#78

n-propylbenzene

Concen: 46.405 ug/l

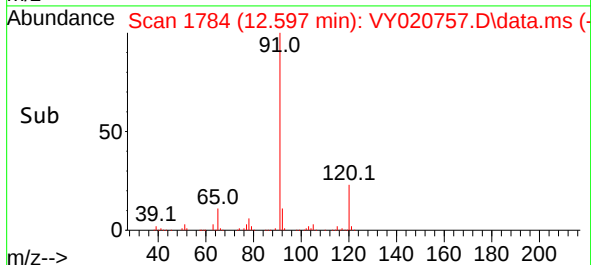
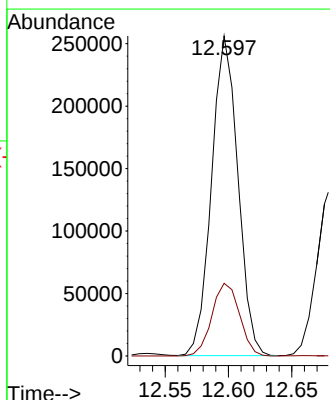
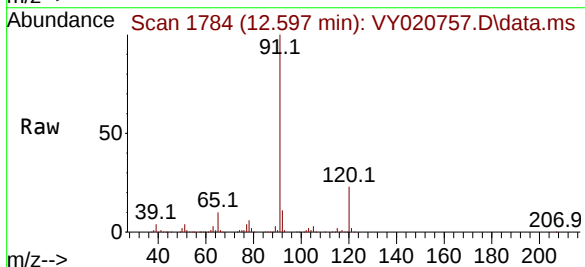
RT: 12.597 min Scan# 1784

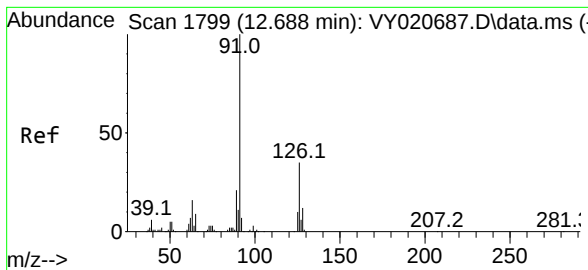
Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Tgt Ion:	91	Resp:	370970
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.3	36.8

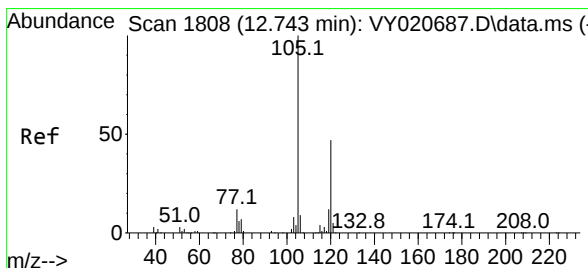
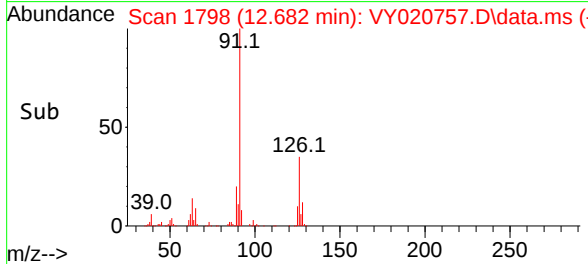
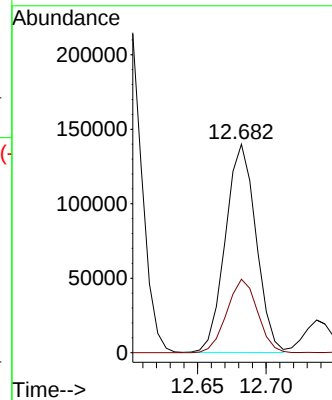
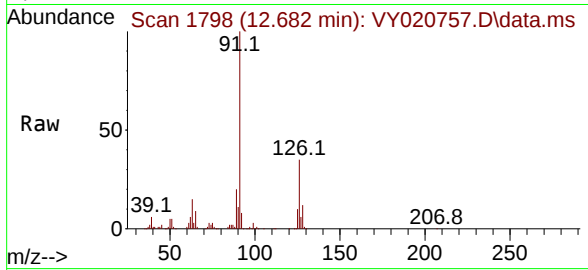




#79
2-Chlorotoluene
Concen: 47.652 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

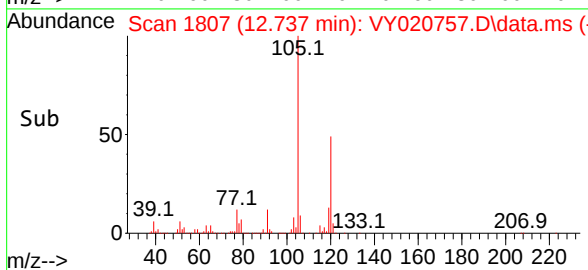
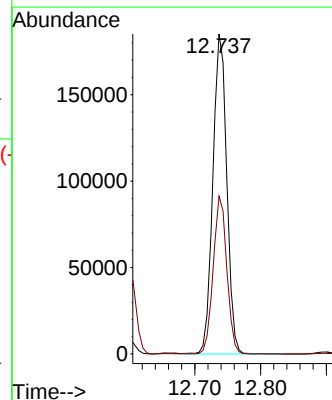
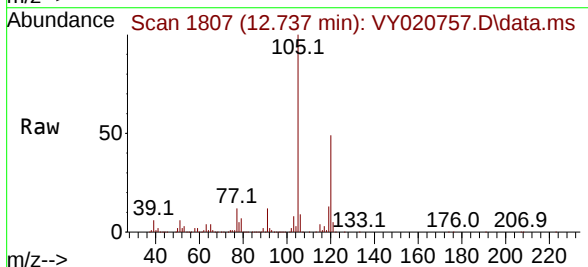
Instrument :
MSVOA_Y
ClientSampleId :

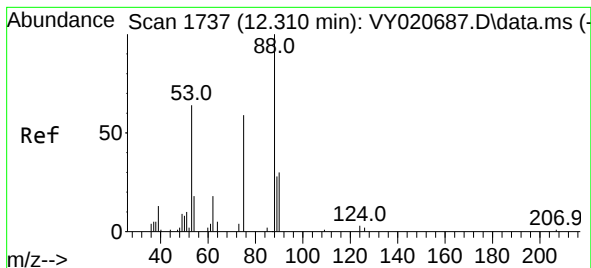
Tgt Ion: 91 Resp: 217162
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 45.773 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 105 Resp: 272006
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

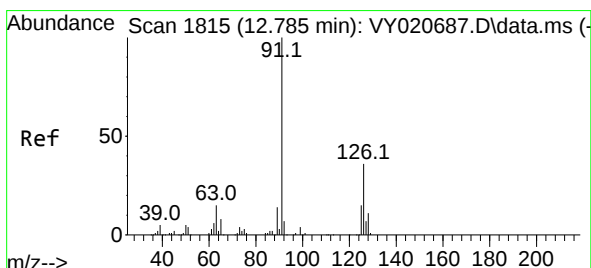
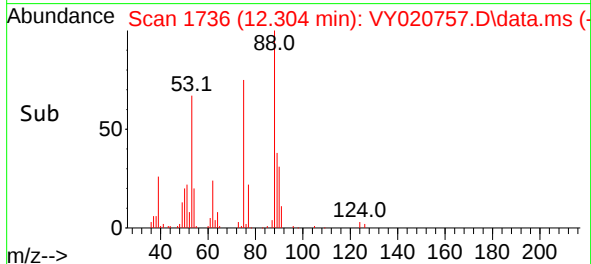
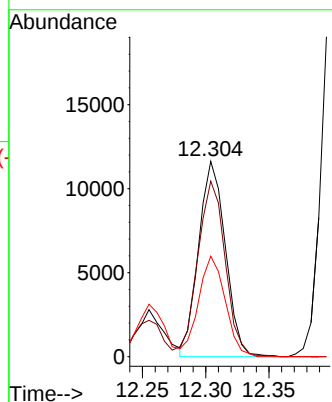
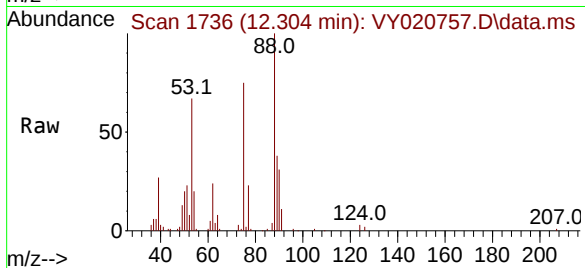




#81
trans-1,4-Dichloro-2-butene
Concen: 51.790 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

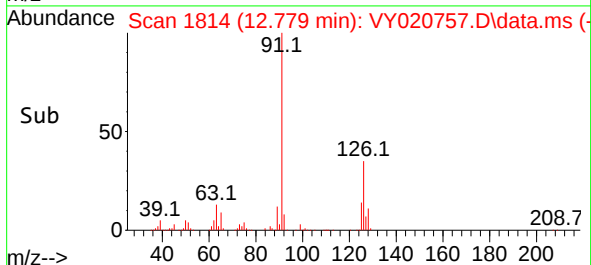
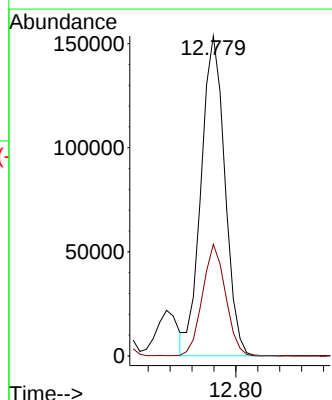
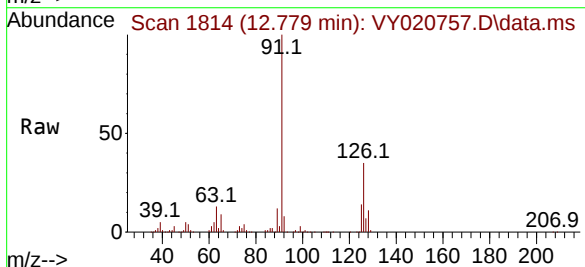
Instrument :
MSVOA_Y
ClientSampleId :

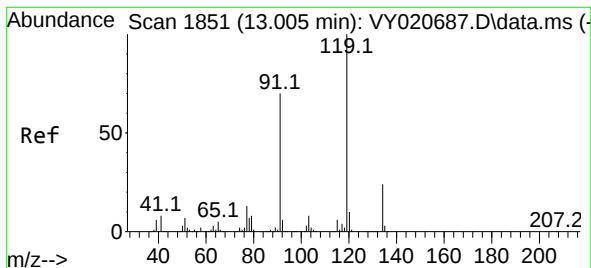
Tgt Ion: 75 Resp: 17156
Ion Ratio Lower Upper
75 100
53 92.4 83.1 124.7
89 51.2 40.6 61.0



#82
4-Chlorotoluene
Concen: 48.972 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 91 Resp: 230648
Ion Ratio Lower Upper
91 100
126 33.9 17.8 53.5





#83

tert-Butylbenzene

Concen: 44.276 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

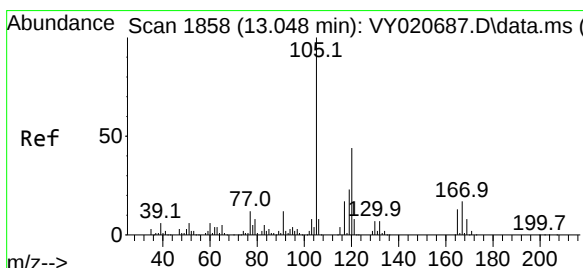
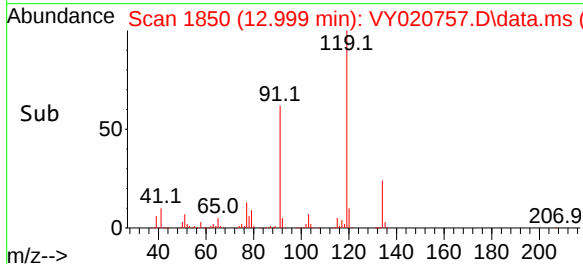
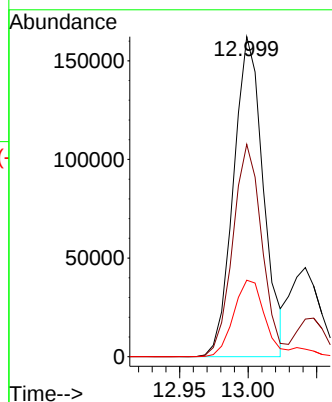
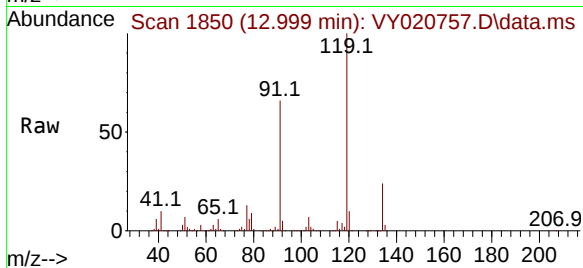
Tgt Ion:119 Resp: 245714

Ion Ratio Lower Upper

119 100

91 65.4 33.6 100.8

134 25.0 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 46.728 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020757.D

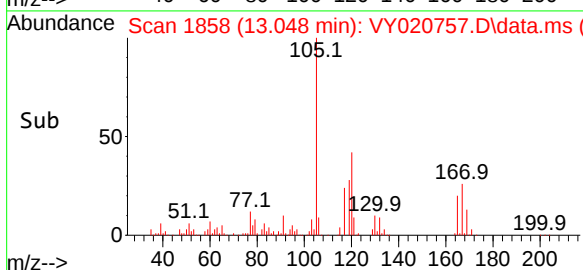
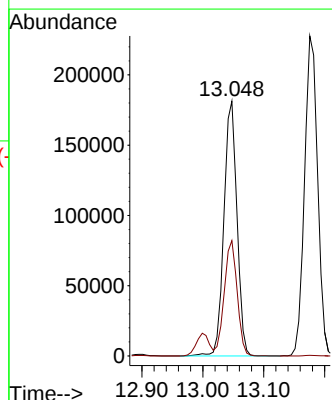
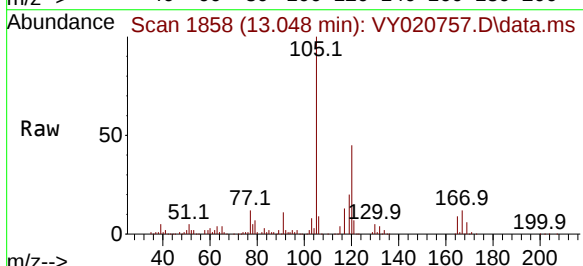
Acq: 30 Dec 2024 16:37

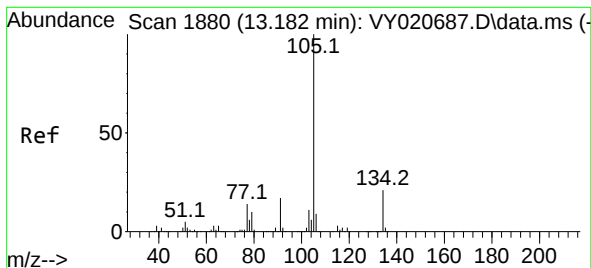
Tgt Ion:105 Resp: 270220

Ion Ratio Lower Upper

105 100

120 44.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 45.396 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

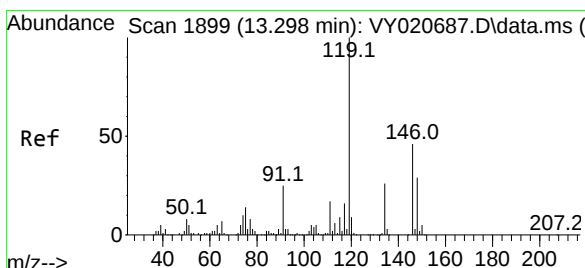
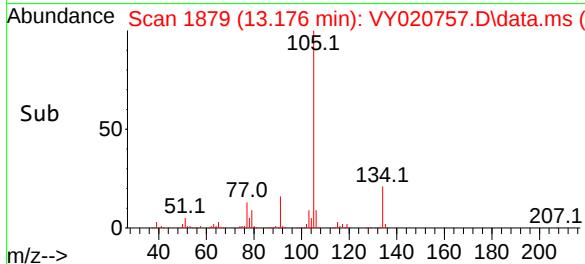
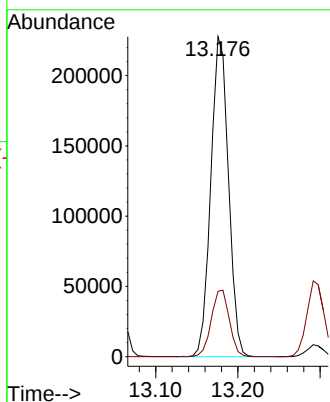
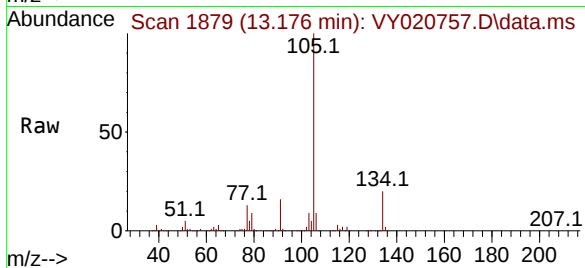
ClientSampleId :

Tgt Ion:105 Resp: 339533

Ion Ratio Lower Upper

105 100

134 21.2 10.7 32.1



#86

p-Isopropyltoluene

Concen: 44.776 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

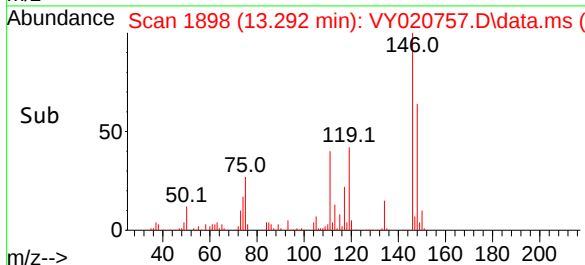
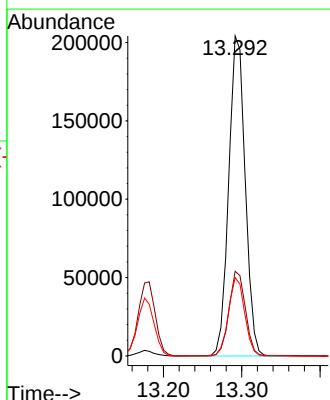
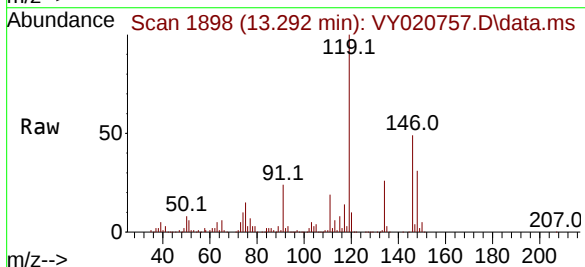
Tgt Ion:119 Resp: 298454

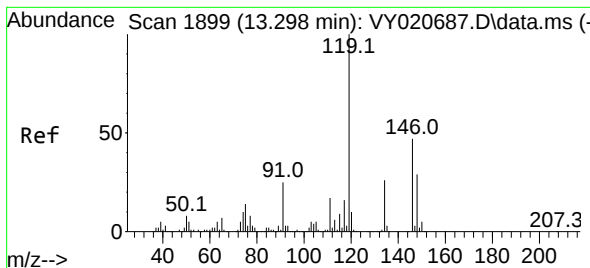
Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.2

91 23.9 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 47.201 ug/l

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

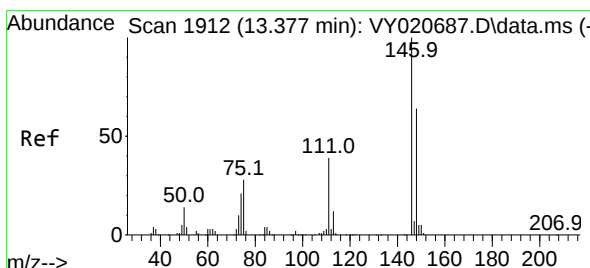
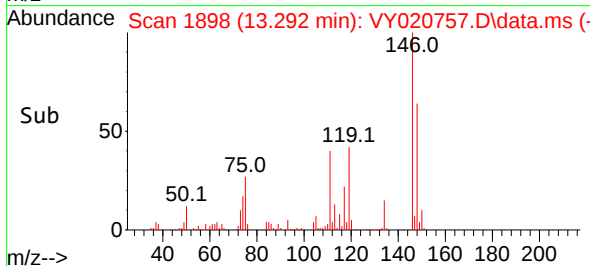
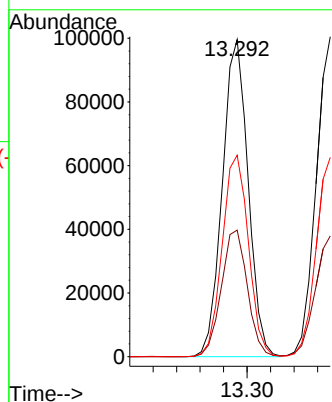
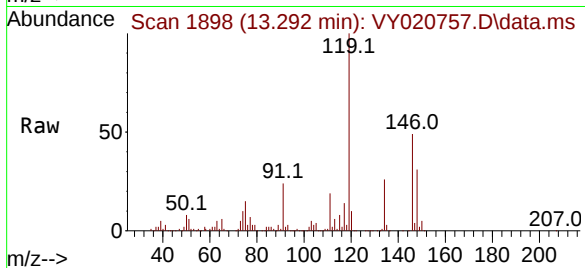
Tgt Ion:146 Resp: 151468

Ion Ratio Lower Upper

146 100

111 40.5 19.3 57.8

148 64.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 47.618 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

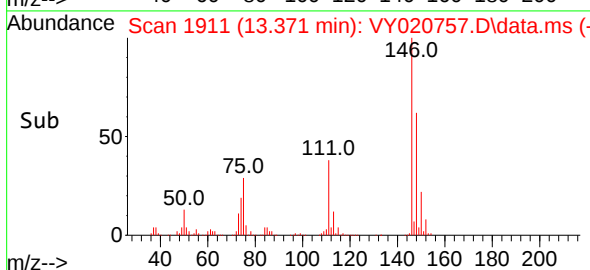
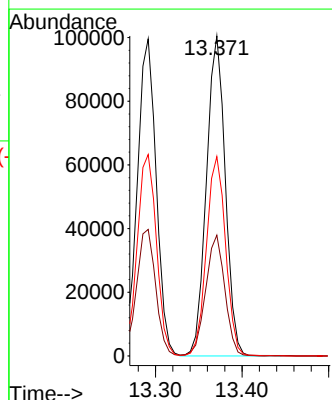
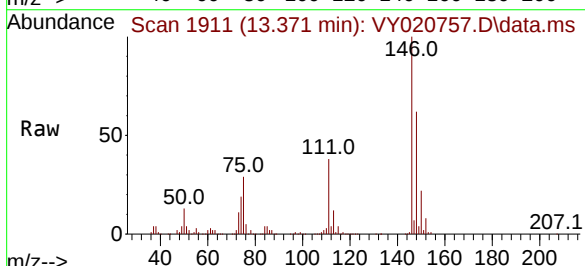
Tgt Ion:146 Resp: 152006

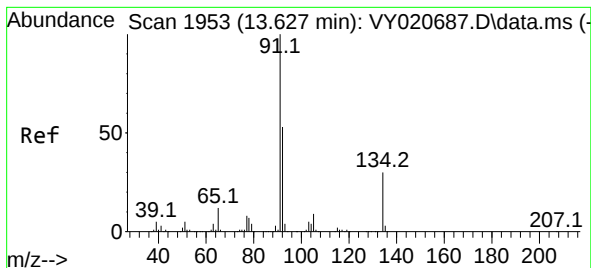
Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.0

148 63.5 32.8 98.3





#89

n-Butylbenzene

Concen: 45.499 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

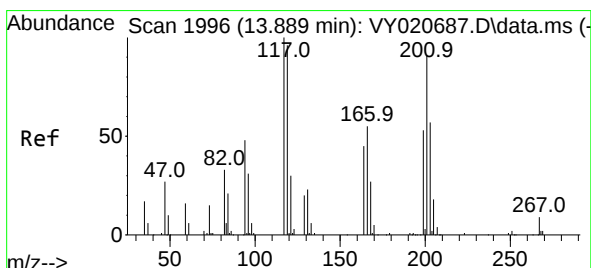
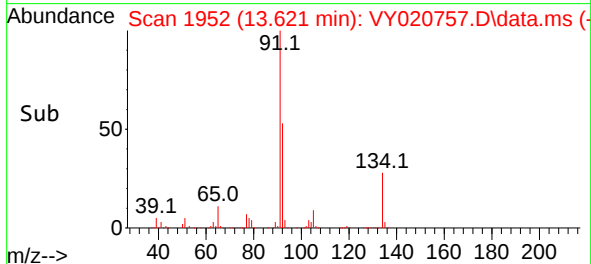
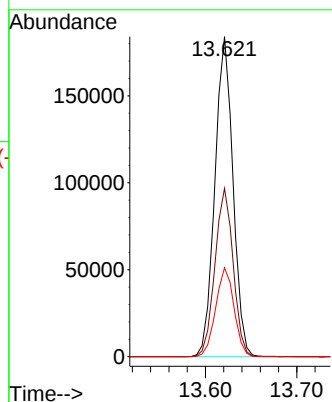
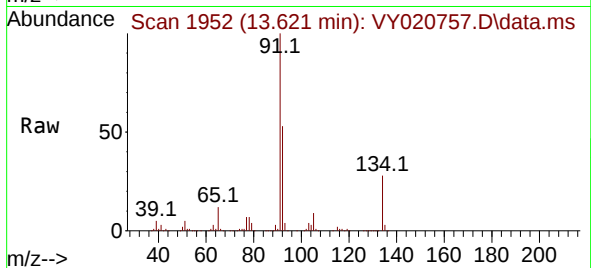
Tgt Ion: 91 Resp: 253159

Ion Ratio Lower Upper

91 100

92 52.9 26.1 78.2

134 28.1 14.8 44.4



#90

Hexachloroethane

Concen: 44.814 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020757.D

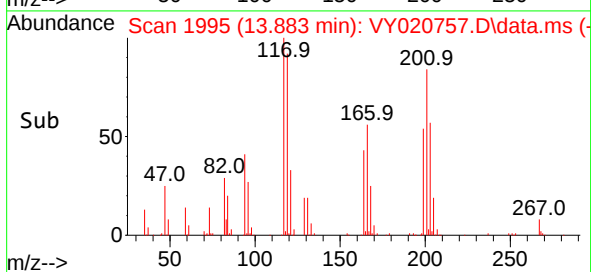
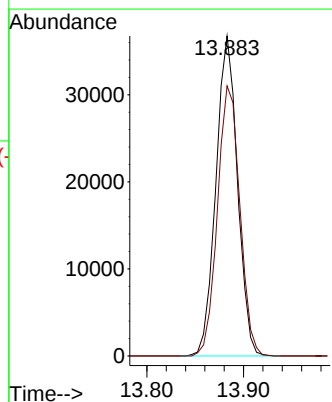
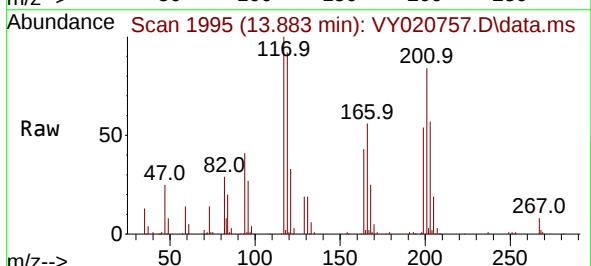
Acq: 30 Dec 2024 16:37

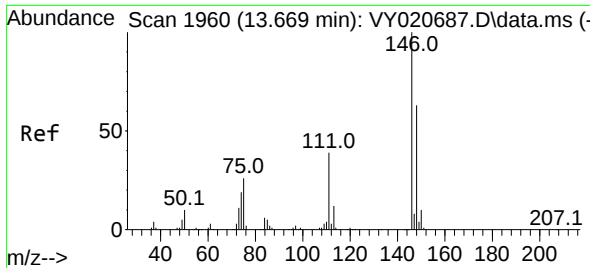
Tgt Ion: 117 Resp: 56801

Ion Ratio Lower Upper

117 100

201 87.5 44.9 134.7

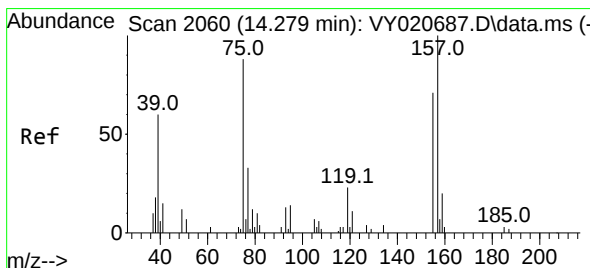
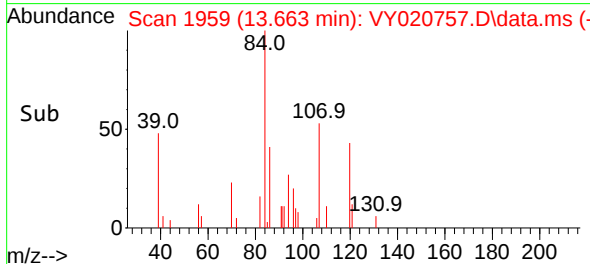
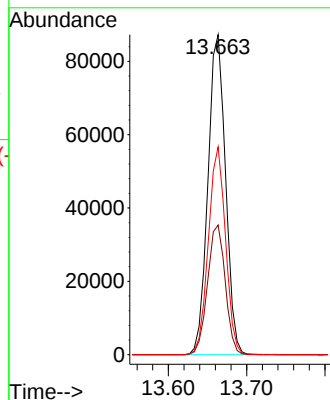
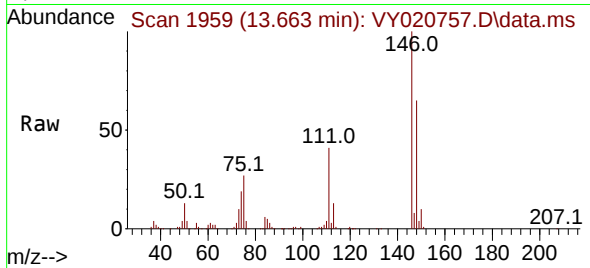




#91
1,2-Dichlorobenzene
Concen: 49.444 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

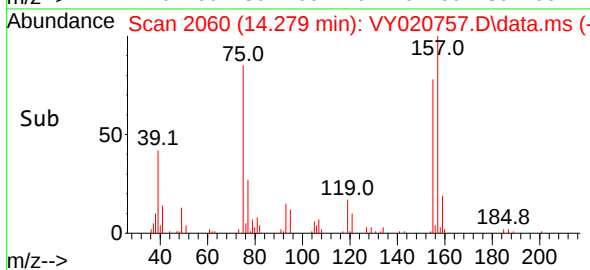
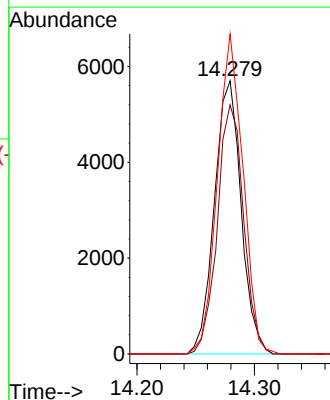
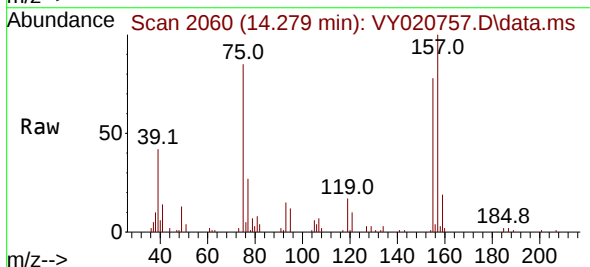
Instrument :
MSVOA_Y
ClientSampleId :

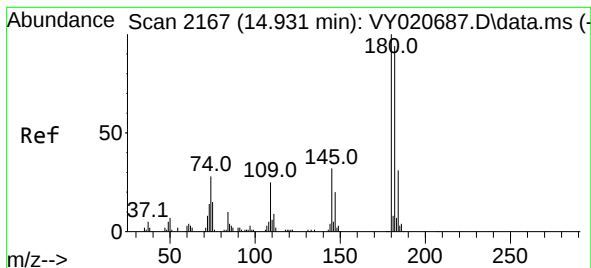
Tgt Ion:146	Resp:	136044
Ion Ratio	Lower	Upper
146	100	
111	40.8	20.3 60.8
148	63.4	31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.828 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020757.D
Acq: 30 Dec 2024 16:37

Tgt Ion: 75	Resp:	9014
Ion Ratio	Lower	Upper
75	100	
155	89.6	43.4 130.2
157	112.2	58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 48.068 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

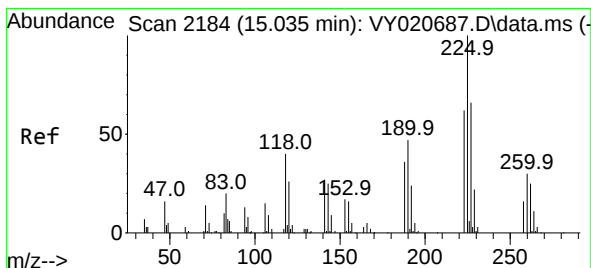
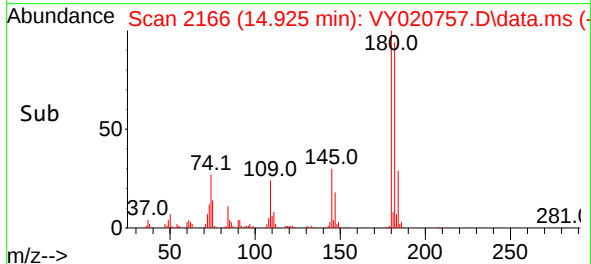
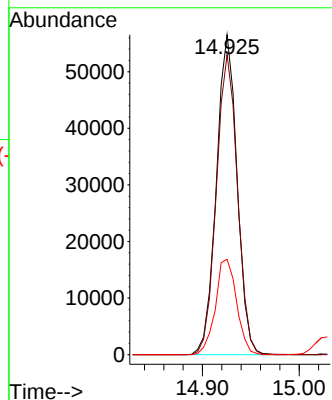
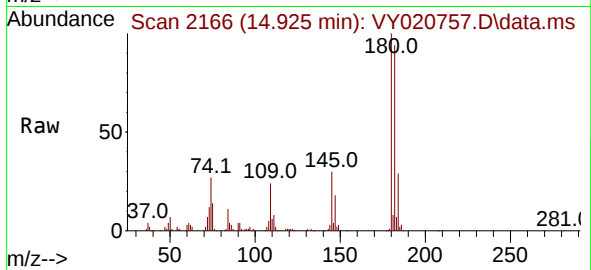
Tgt Ion:180 Resp: 84065

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 30.5 15.6 46.8



#94

Hexachlorobutadiene

Concen: 41.529 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

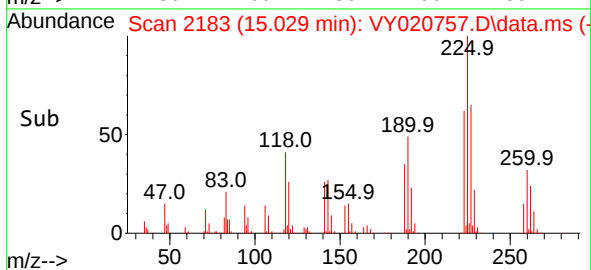
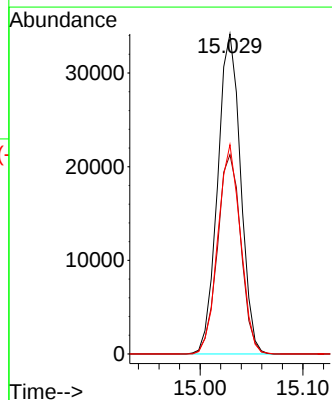
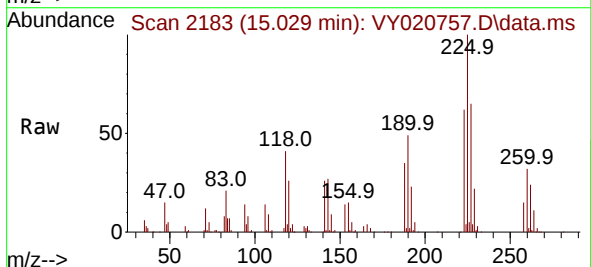
Tgt Ion:225 Resp: 52933

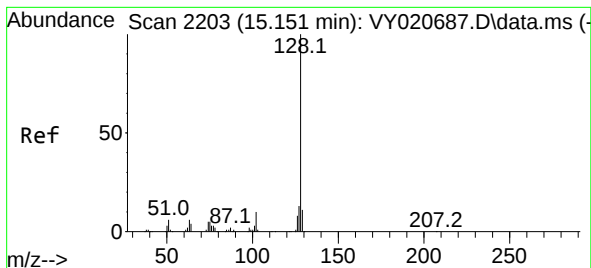
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

227 64.4 32.1 96.5





#95

Naphthalene

Concen: 51.382 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

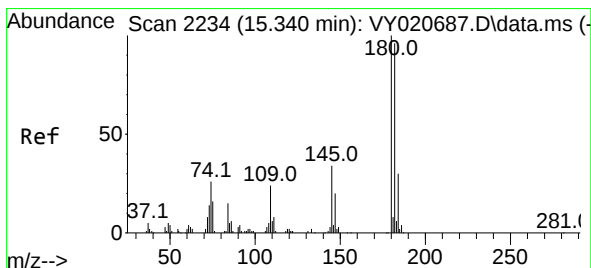
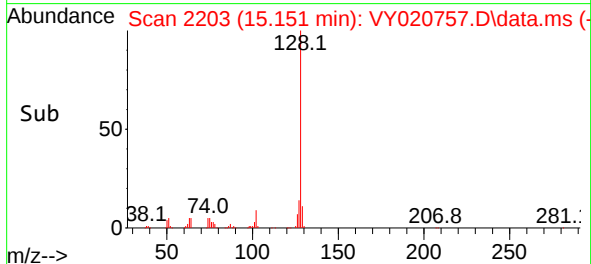
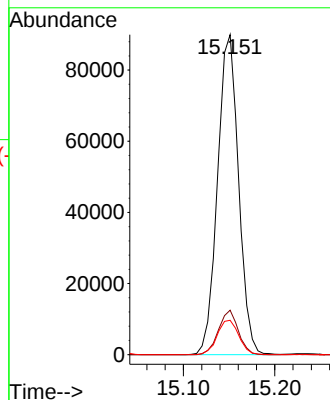
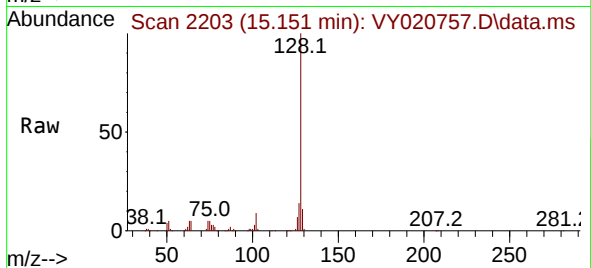
Tgt Ion:128 Resp: 143924

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.733 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020757.D

Acq: 30 Dec 2024 16:37

Tgt Ion:180 Resp: 72419

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 31.5 16.7 50.1

