

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020783.D
 Acq On : 06 Jan 2025 14:58
 Operator : SY/MD
 Sample : VY0106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 02:01:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	188303	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	276799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	230422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	114569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	84920	53.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.652	113	89733	51.745	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.115	98	349800	57.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.720%	
62) 4-Bromofluorobenzene	12.414	95	114976	51.504	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	27843	20.148	ug/l	98
3) Chloromethane	2.080	50	14836	20.389	ug/l	96
4) Vinyl Chloride	2.214	62	16644	20.576	ug/l	94
5) Bromomethane	2.611	94	11309	19.629	ug/l	98
6) Chloroethane	2.751	64	10185	20.416	ug/l	97
7) Trichlorofluoromethane	3.074	101	49445	19.917	ug/l	95
8) Diethyl Ether	3.470	74	15119	19.474	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.836	101	33681	20.090	ug/l	99
10) Methyl Iodide	4.025	142	33125	18.437	ug/l	97
11) Tert butyl alcohol	4.891	59	11108	91.848	ug/l #	73
12) 1,1-Dichloroethene	3.806	96	28634	19.500	ug/l	93
13) Acrolein	3.671	56	3970	116.891	ug/l	93
14) Allyl chloride	4.403	41	42282	19.958	ug/l	97
15) Acrylonitrile	5.086	53	31270	94.771	ug/l	97
16) Acetone	3.885	43	20573	90.393	ug/l	93
17) Carbon Disulfide	4.123	76	57315	17.992	ug/l	98
18) Methyl Acetate	4.409	43	14484	18.848	ug/l	98
19) Methyl tert-butyl Ether	5.141	73	77934	18.806	ug/l	99
20) Methylene Chloride	4.635	84	31107	19.791	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	30982	19.159	ug/l	97
22) Diisopropyl ether	6.043	45	92698	20.541	ug/l	99
23) Vinyl Acetate	5.976	43	244645	98.318	ug/l	97
24) 1,1-Dichloroethane	5.939	63	58880	19.775	ug/l	99
25) 2-Butanone	6.909	43	34397	92.004	ug/l	98
26) 2,2-Dichloropropane	6.903	77	61174	19.788	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	40395	19.799	ug/l	99
28) Bromochloromethane	7.262	49	12152	15.125	ug/l	98
29) Tetrahydrofuran	7.281	42	21811	91.326	ug/l	99
30) Chloroform	7.439	83	67000	19.732	ug/l	94
31) Cyclohexane	7.713	56	45672	19.611	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	66290	20.015	ug/l	99
36) 1,1-Dichloropropene	7.854	75	43737	19.774	ug/l	99
37) Ethyl Acetate	7.006	43	16951	19.258	ug/l	97
38) Carbon Tetrachloride	7.835	117	59726	19.398	ug/l	94
39) Methylcyclohexane	9.122	83	53516	19.717	ug/l	98
40) Benzene	8.091	78	136079	20.045	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	10063	19.963	ug/l	93
42) 1,2-Dichloroethane	8.171	62	36242	19.549	ug/l	98
43) Isopropyl Acetate	8.207	43	33876	18.922	ug/l	99
44) Trichloroethene	8.878	130	37786	19.967	ug/l	97
45) 1,2-Dichloropropane	9.152	63	31426	20.420	ug/l	98
46) Dibromomethane	9.244	93	17500	19.802	ug/l	96
47) Bromodichloromethane	9.433	83	49520	19.566	ug/l	97
48) Methyl methacrylate	9.231	41	15044	18.743	ug/l	95
49) 1,4-Dioxane	9.244	88	3451	367.796	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	85267	95.332	ug/l	100
52) Toluene	10.182	92	90275	20.082	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	44490	19.764	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	51765	19.801	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	24715	19.576	ug/l	99
56) Ethyl methacrylate	10.451	69	30827	19.334	ug/l	98
57) 1,3-Dichloropropane	10.731	76	40416	19.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	51823	81.928	ug/l	100
59) 2-Hexanone	10.768	43	52891	92.175	ug/l	100
60) Dibromochloromethane	10.920	129	35374	19.319	ug/l	99
61) 1,2-Dibromoethane	11.024	107	22230	19.613	ug/l	97
64) Tetrachloroethene	10.658	164	33288	19.649	ug/l	98
65) Chlorobenzene	11.451	112	102364	20.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	38764	19.987	ug/l	99
67) Ethyl Benzene	11.530	91	178186	20.202	ug/l	99
68) m/p-Xylenes	11.640	106	135605	39.931	ug/l	100
69) o-Xylene	11.963	106	65666	20.394	ug/l	97
70) Styrene	11.981	104	109771	20.252	ug/l	99
71) Bromoform	12.146	173	20898	18.954	ug/l #	99
73) Isopropylbenzene	12.267	105	181404	19.959	ug/l	100
74) N-amyl acetate	12.078	43	28239	18.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	26091	18.940	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	34777	34.692	ug/l #	100
77) Bromobenzene	12.542	156	40674	19.410	ug/l	99
78) n-propylbenzene	12.603	91	210043	20.360	ug/l	100
79) 2-Chlorotoluene	12.688	91	120688	20.315	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	147962	20.088	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9388	19.746	ug/l	99
82) 4-Chlorotoluene	12.792	91	124019	20.228	ug/l	100
83) tert-Butylbenzene	13.011	119	142480	20.682	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	145195	20.186	ug/l	99
85) sec-Butylbenzene	13.188	105	196730	20.444	ug/l	100
86) p-Isopropyltoluene	13.304	119	169050	20.593	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	80267	19.713	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	80127	19.992	ug/l	99
89) n-Butylbenzene	13.627	91	145271	20.399	ug/l	100
90) Hexachloroethane	13.889	117	32612	19.785	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	70592	19.829	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3818	17.141	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	41174	20.096	ug/l	100
94) Hexachlorobutadiene	15.035	225	30040	20.798	ug/l	99
95) Naphthalene	15.157	128	63222	18.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	34128	19.882	ug/l	97

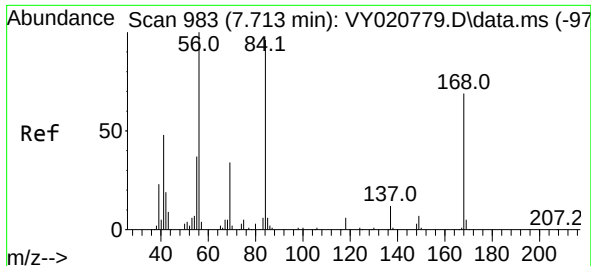
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
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Operator : SY/MD
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Response via : Initial Calibration

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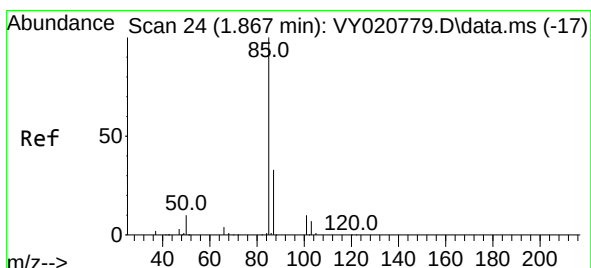
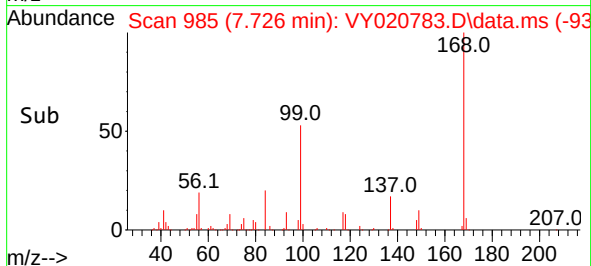
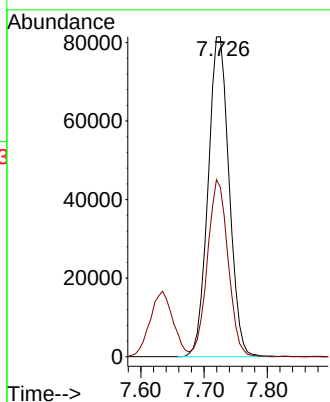
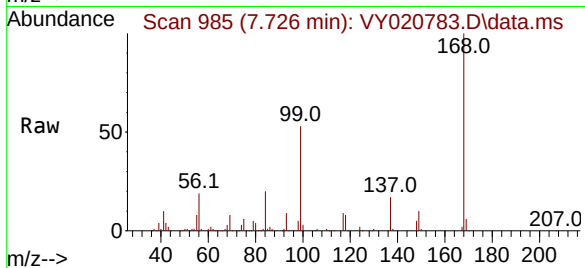
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

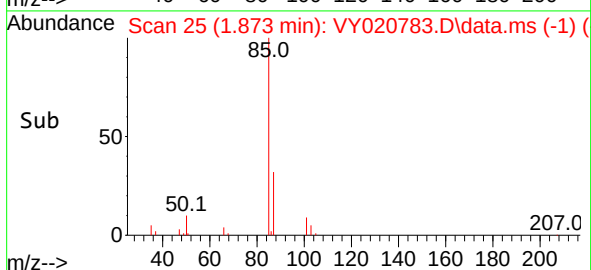
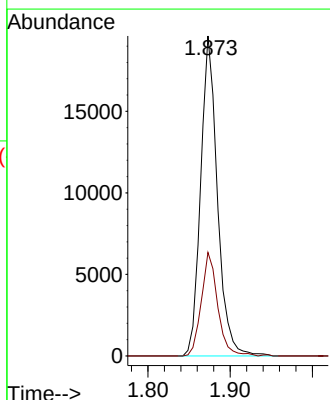
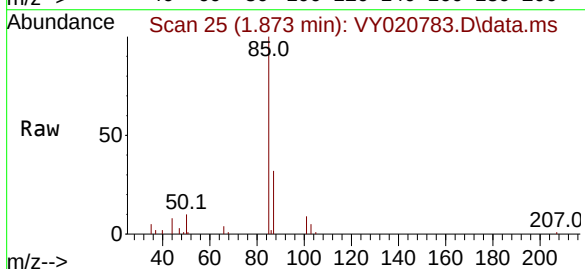
Instrument :
MSVOA_Y
ClientSampleId :

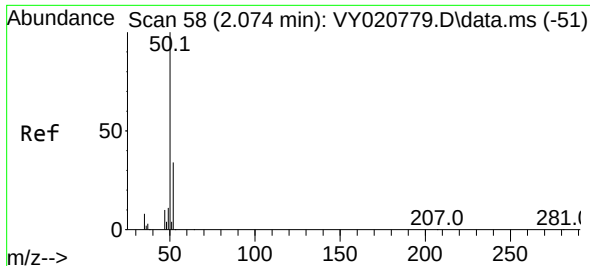
Tgt Ion:168 Resp: 188303
Ion Ratio Lower Upper
168 100
99 52.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.148 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 85 Resp: 27843
Ion Ratio Lower Upper
85 100
87 32.3 16.9 50.6

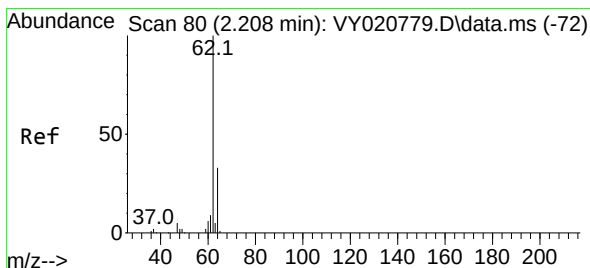
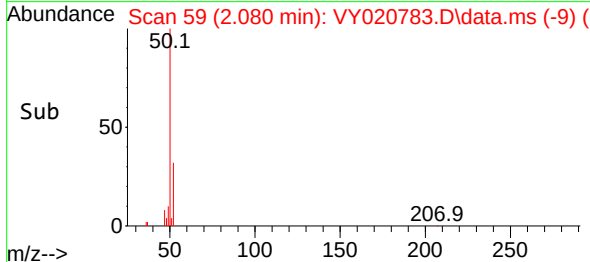
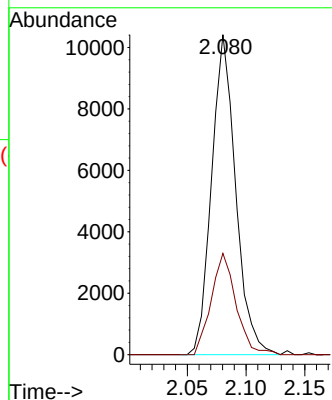
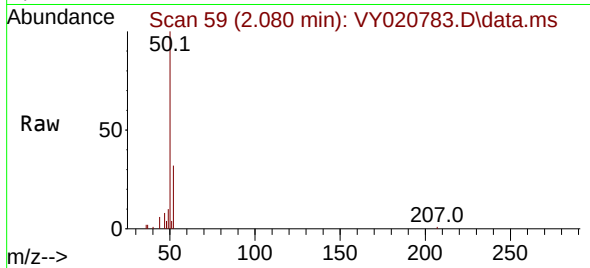




#3
Chloromethane
Concen: 20.389 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

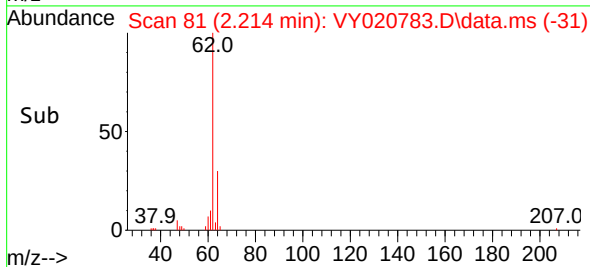
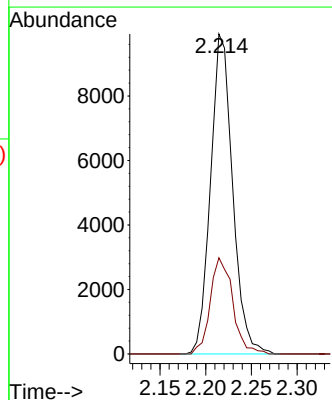
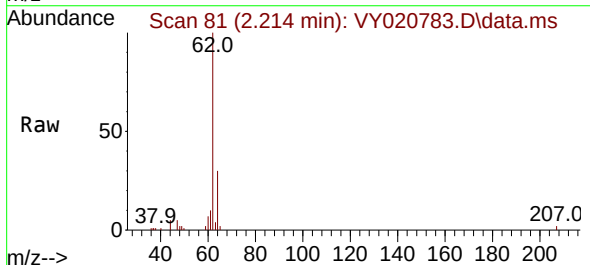
Instrument :
MSVOA_Y
ClientSampleId :

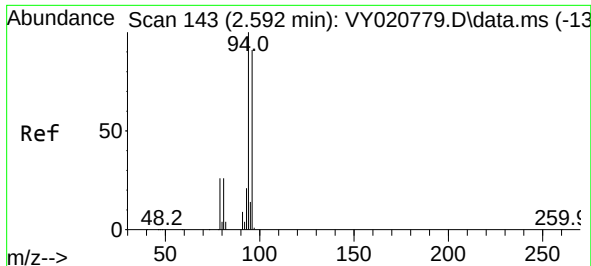
Tgt Ion: 50 Resp: 14836
Ion Ratio Lower Upper
50 100
52 31.6 27.3 40.9



#4
Vinyl Chloride
Concen: 20.576 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 62 Resp: 16644
Ion Ratio Lower Upper
62 100
64 30.1 26.6 39.8

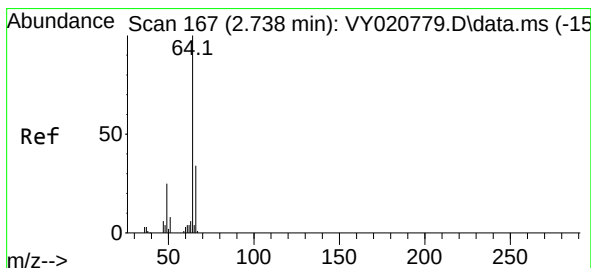
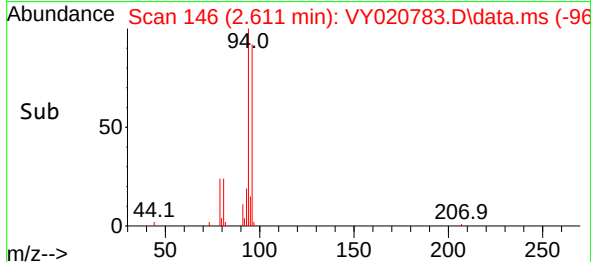
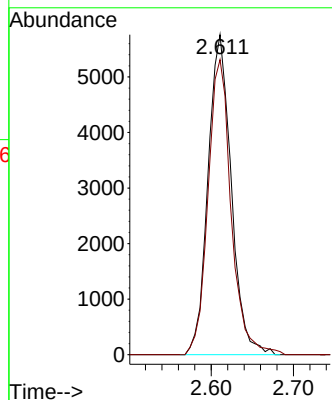
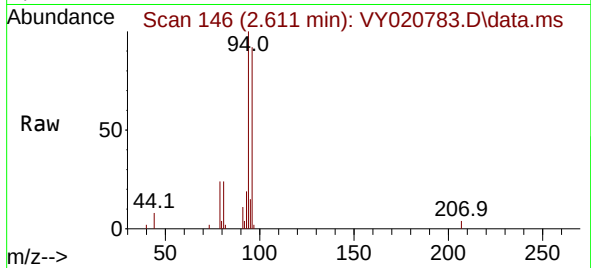




#5
Bromomethane
Concen: 19.629 ug/l
RT: 2.611 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

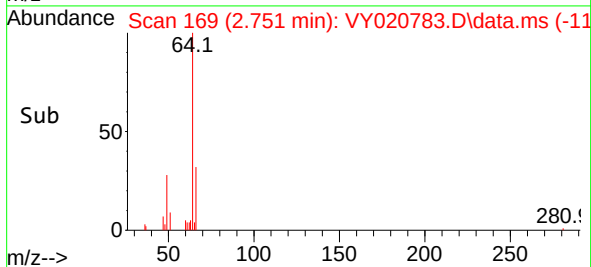
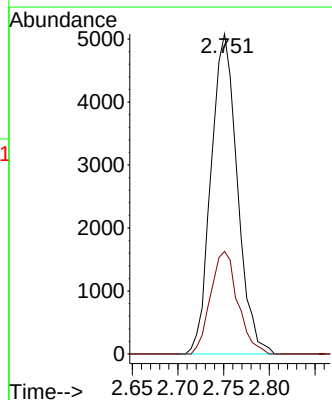
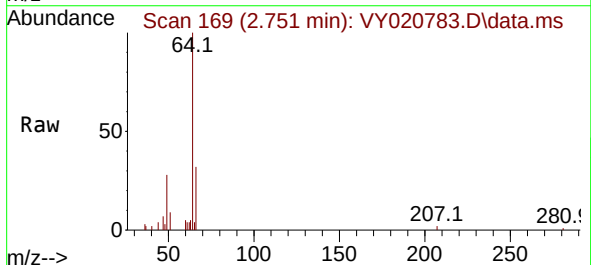
Instrument :
MSVOA_Y
ClientSampleId :

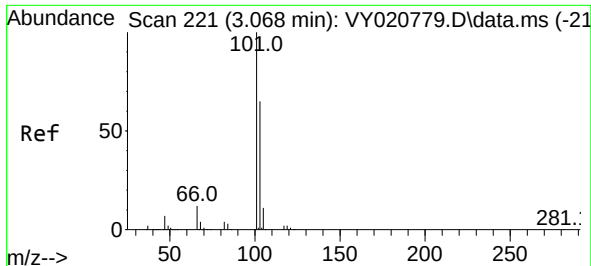
Tgt Ion: 94 Resp: 11309
Ion Ratio Lower Upper
94 100
96 92.2 72.6 109.0



#6
Chloroethane
Concen: 20.416 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 64 Resp: 10185
Ion Ratio Lower Upper
64 100
66 32.1 26.9 40.3

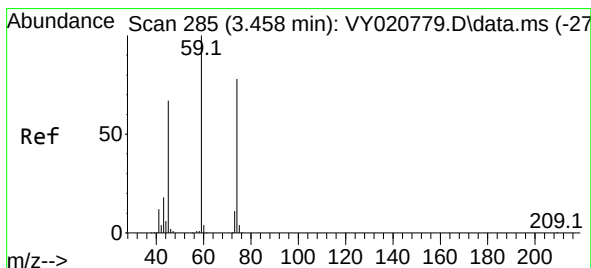
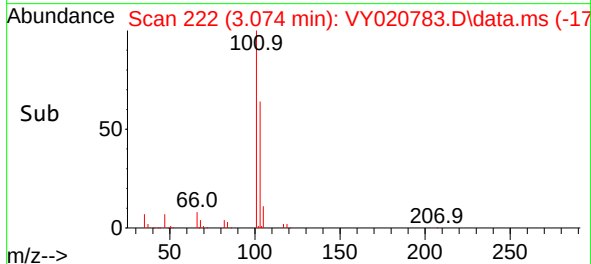
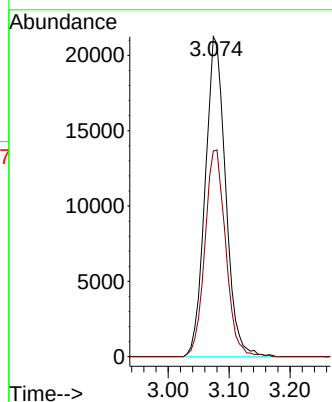
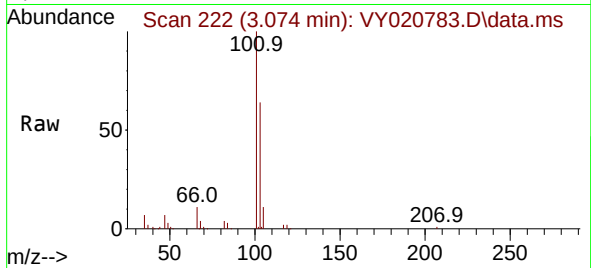




#7
Trichlorofluoromethane
Concen: 19.917 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020783.D
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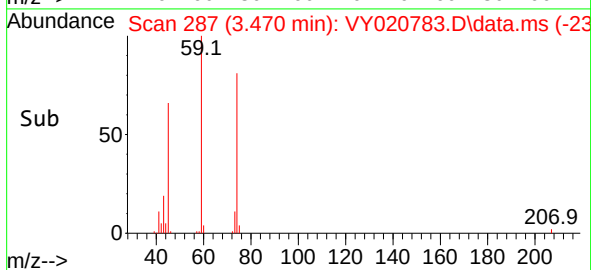
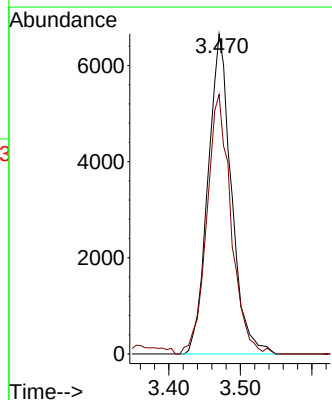
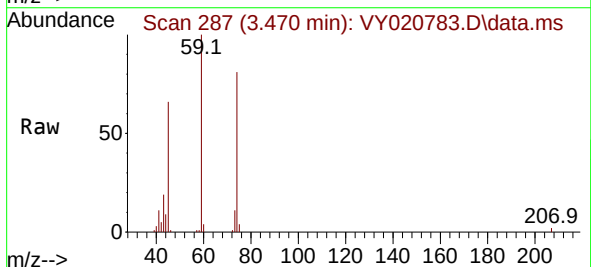
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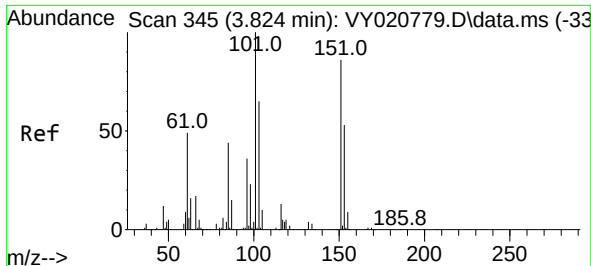
Tgt Ion:101 Resp: 49445
Ion Ratio Lower Upper
101 100
103 64.3 54.6 82.0



#8
Diethyl Ether
Concen: 19.474 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 74 Resp: 15119
Ion Ratio Lower Upper
74 100
45 84.0 41.3 124.1

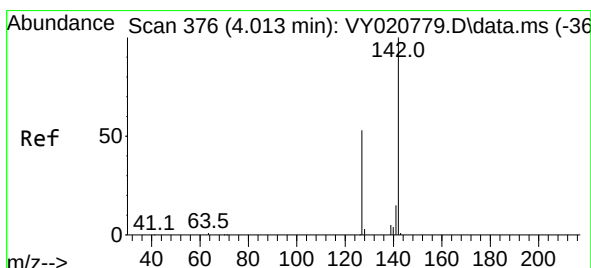
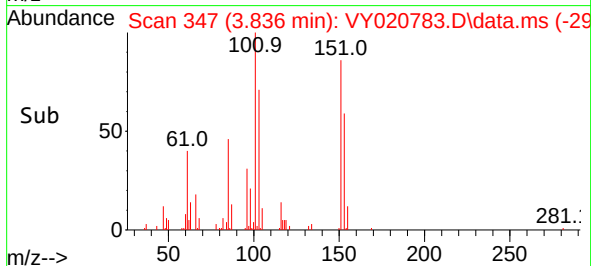
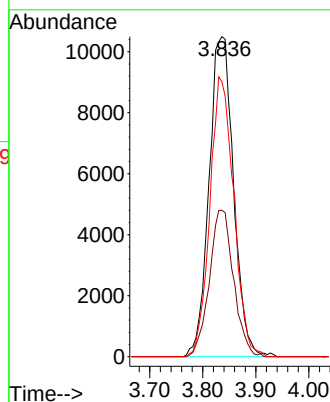
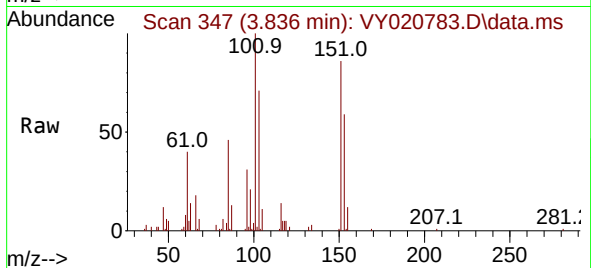




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.090 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020783.D
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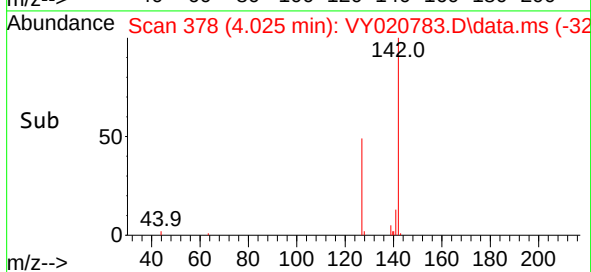
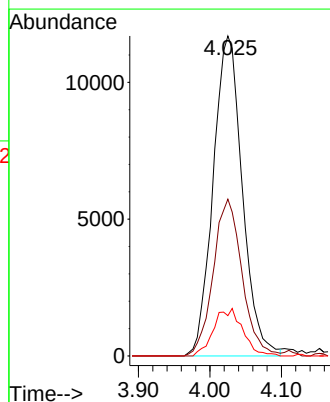
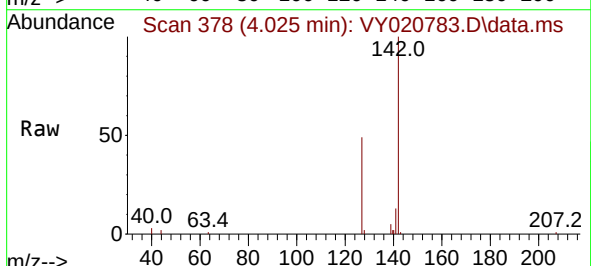
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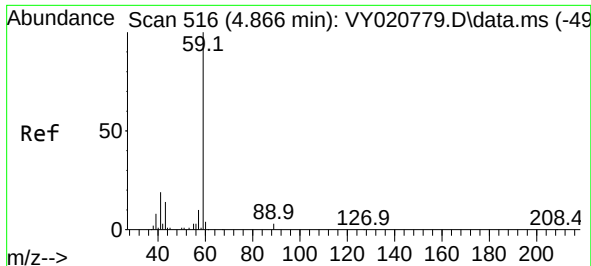
Tgt Ion:101 Resp: 33681
Ion Ratio Lower Upper
101 100
85 45.2 35.9 53.9
151 85.1 66.9 100.3



#10
Methyl Iodide
Concen: 18.437 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion:142 Resp: 33125
Ion Ratio Lower Upper
142 100
127 48.4 41.0 61.6
141 14.8 11.6 17.4

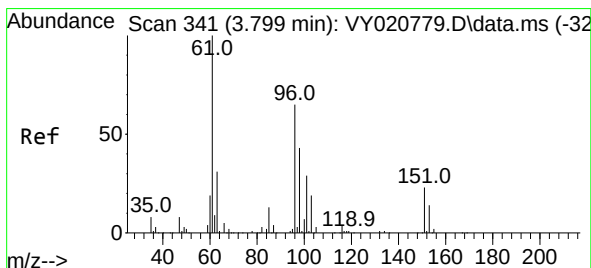
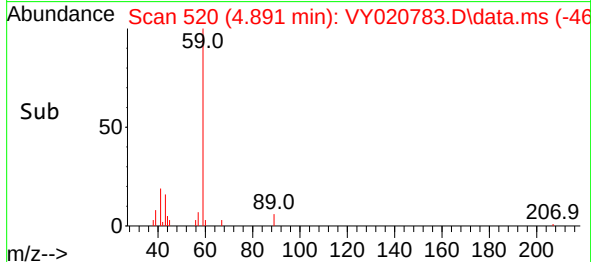
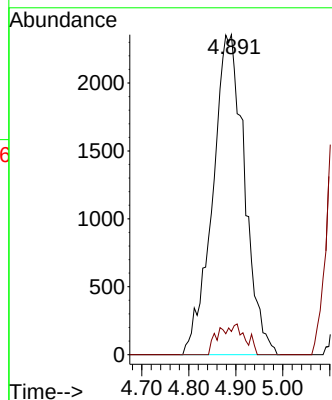
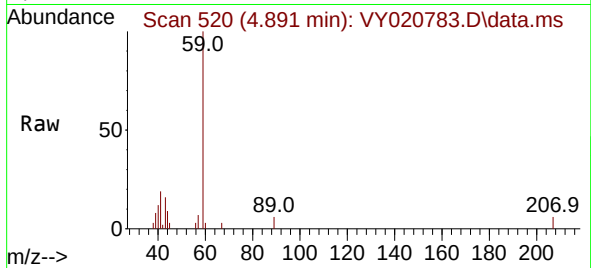




#11
Tert butyl alcohol
Concen: 91.848 ug/l
RT: 4.891 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

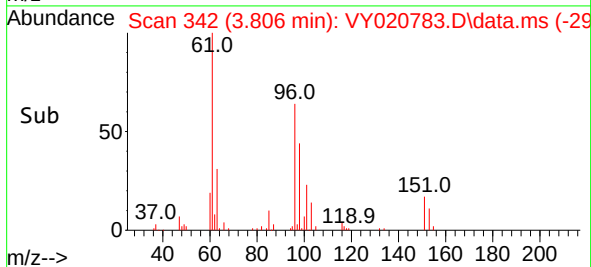
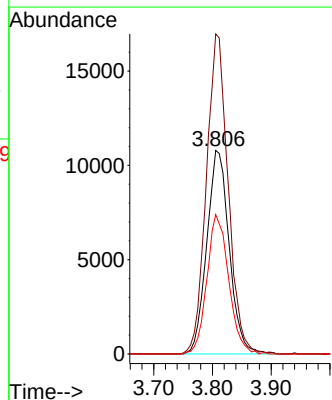
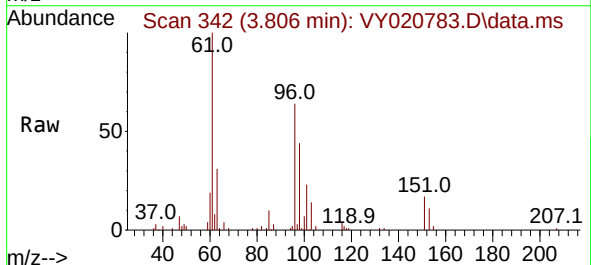
Instrument :
MSVOA_Y
ClientSampleId :

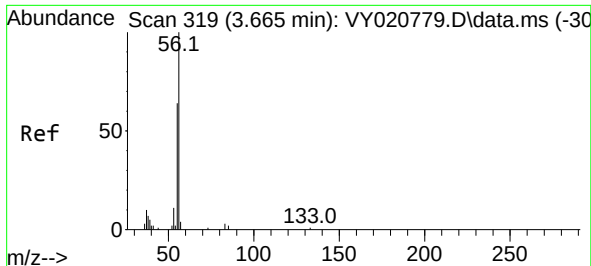
Tgt Ion: 59 Resp: 11108
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.500 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 96 Resp: 28634
Ion Ratio Lower Upper
96 100
61 157.3 117.8 176.8
98 68.5 51.9 77.9

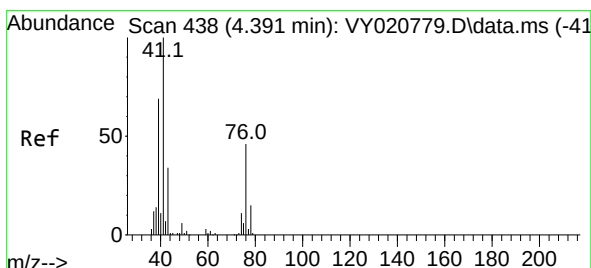
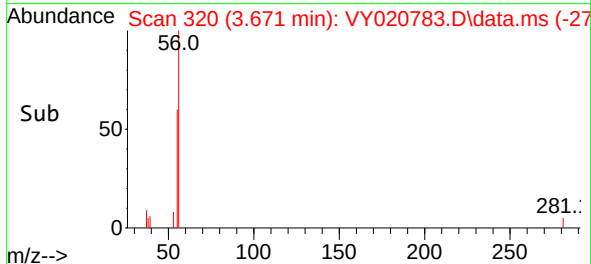
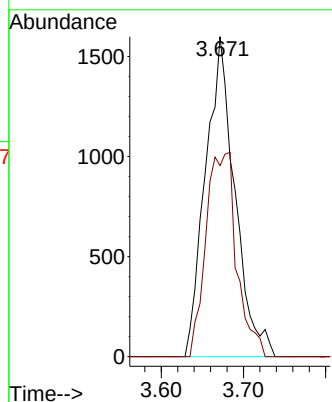
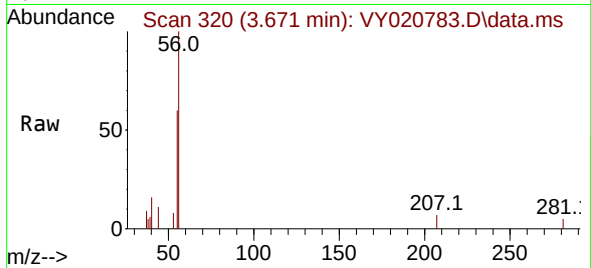




#13
Acrolein
Concen: 116.891 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

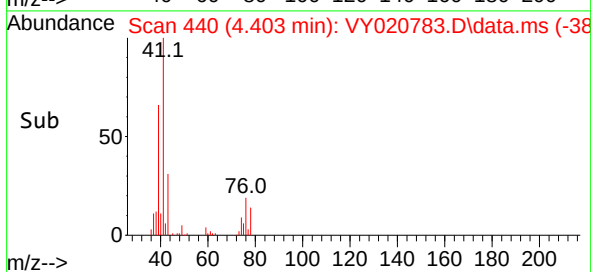
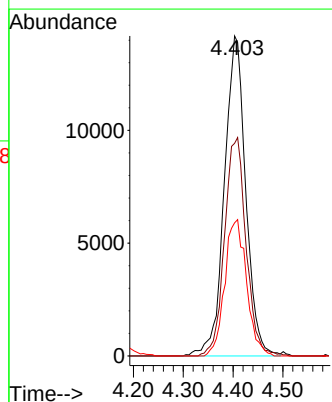
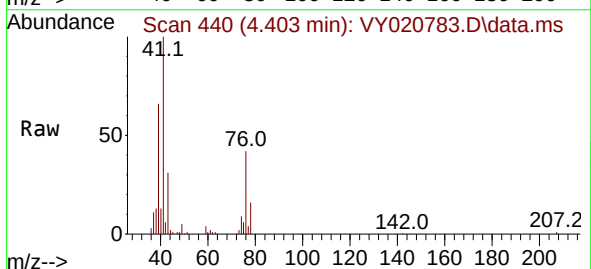
Instrument :
MSVOA_Y
ClientSampleId :

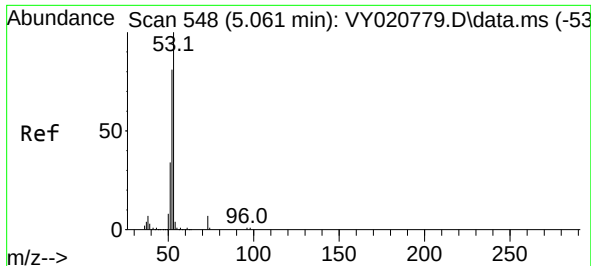
Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
55 66.4 58.1 87.1



#14
Allyl chloride
Concen: 19.958 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

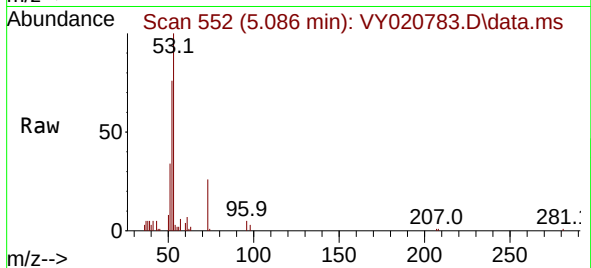
Tgt Ion: 41 Resp: 42282
Ion Ratio Lower Upper
41 100
39 68.7 57.5 86.3
76 43.5 35.6 53.4



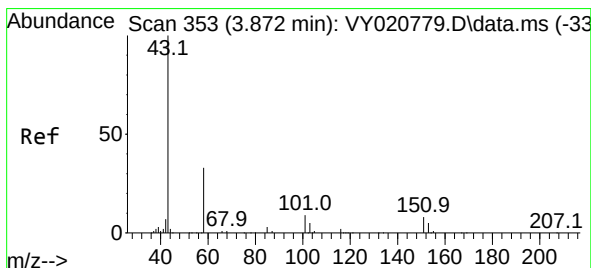
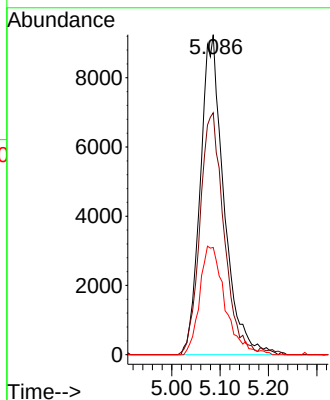
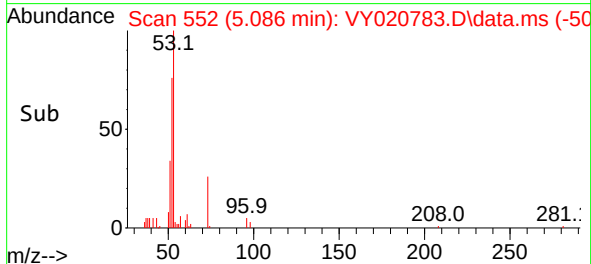


#15
Acrylonitrile
Concen: 94.771 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :

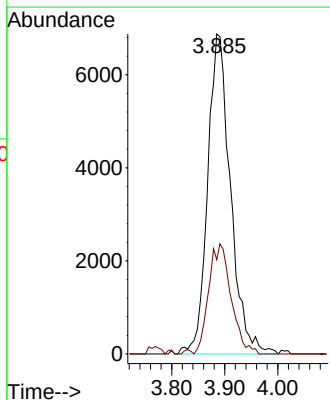
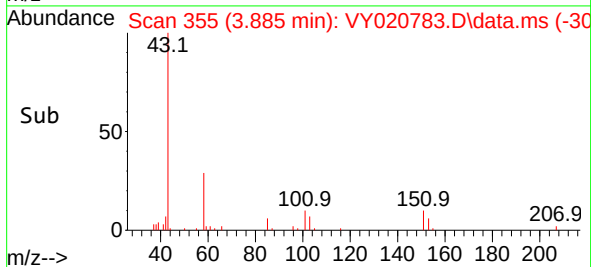
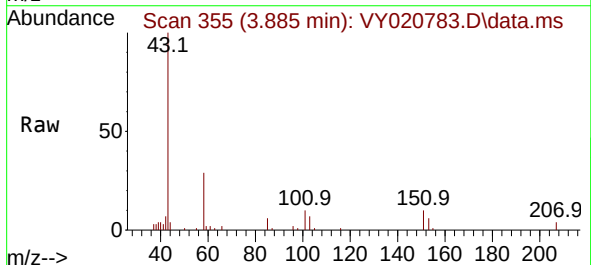


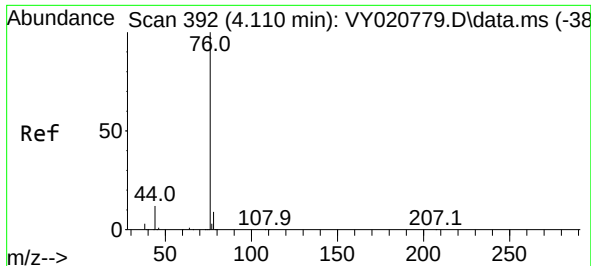
Tgt Ion: 53 Resp: 31270
Ion Ratio Lower Upper
53 100
52 76.7 64.3 96.5
51 36.5 29.3 43.9



#16
Acetone
Concen: 90.393 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 43 Resp: 20573
Ion Ratio Lower Upper
43 100
58 29.5 26.7 40.1

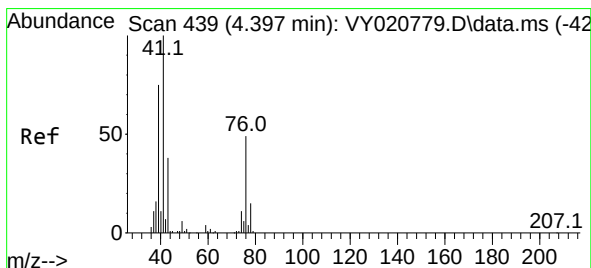
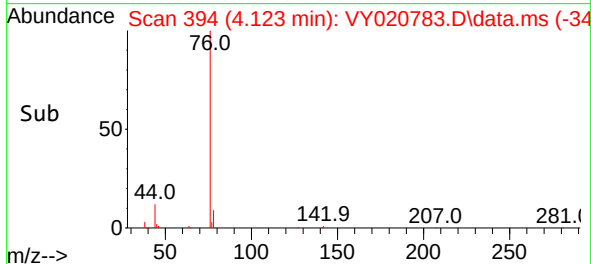
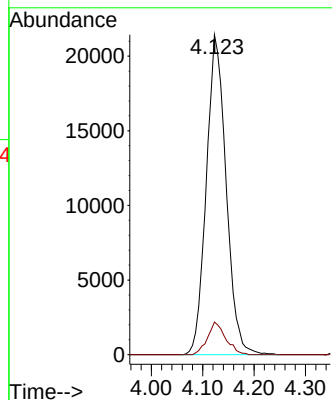
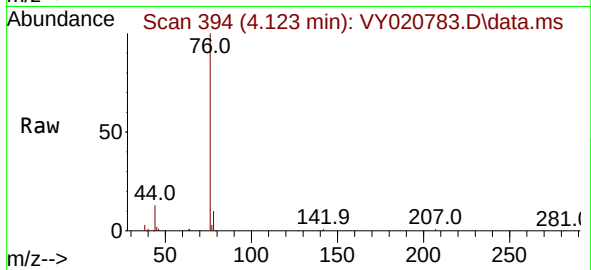




#17
Carbon Disulfide
Concen: 17.992 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

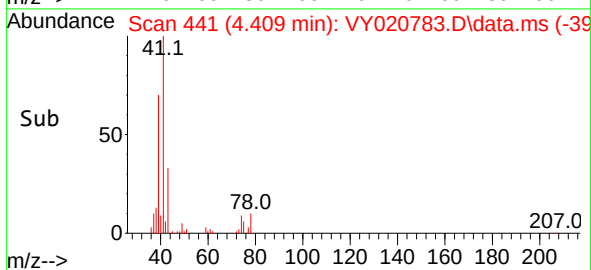
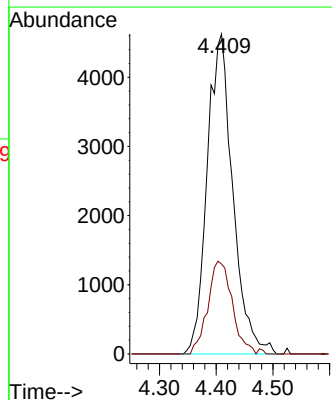
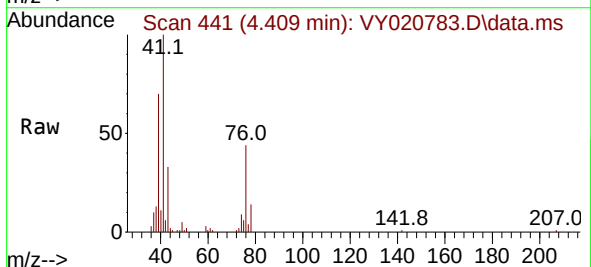
Instrument :
MSVOA_Y
ClientSampleId :

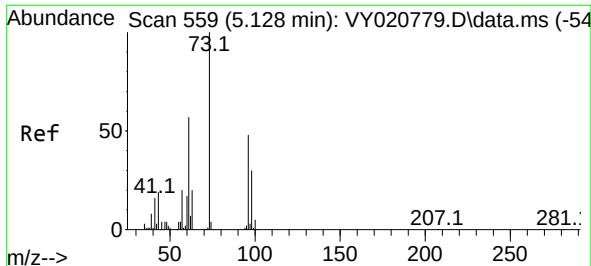
Tgt Ion: 76 Resp: 57315
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#18
Methyl Acetate
Concen: 18.848 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 43 Resp: 14484
Ion Ratio Lower Upper
43 100
74 27.6 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 18.806 ug/l

RT: 5.141 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

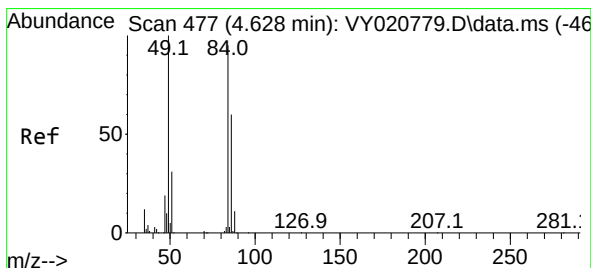
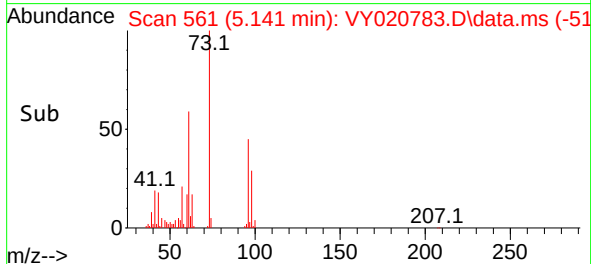
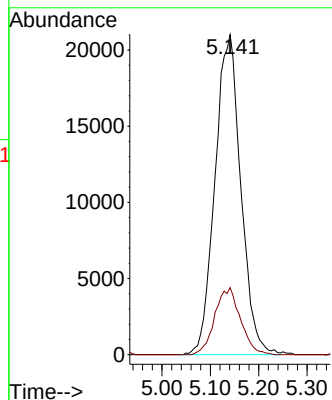
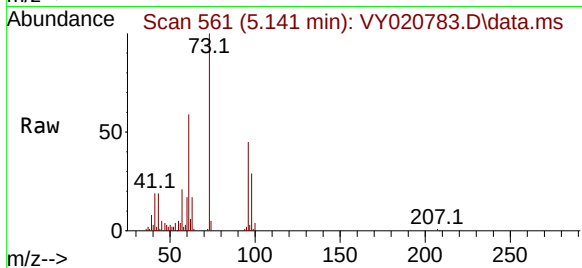
ClientSampleId :

Tgt Ion: 73 Resp: 77934

Ion Ratio Lower Upper

73 100

57 20.9 16.4 24.6



#20

Methylene Chloride

Concen: 19.791 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Tgt Ion: 84 Resp: 31107

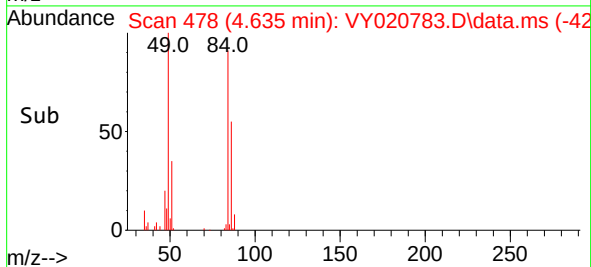
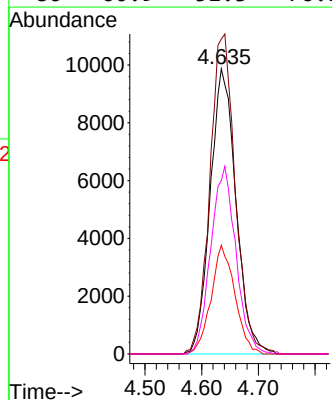
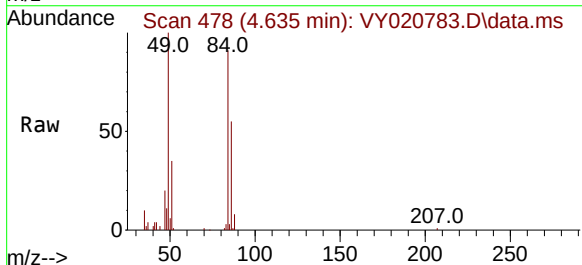
Ion Ratio Lower Upper

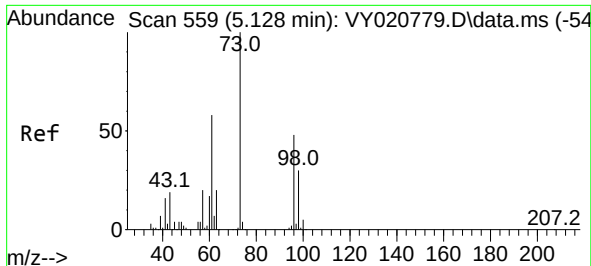
84 100

49 110.4 86.7 130.1

51 38.1 28.4 42.6

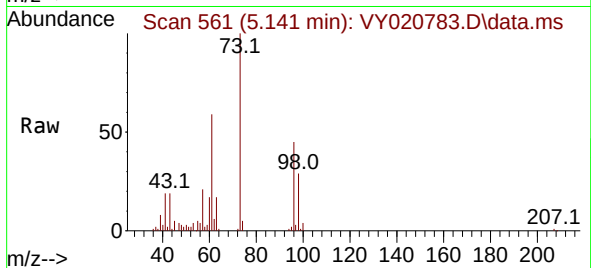
86 60.9 51.3 76.9



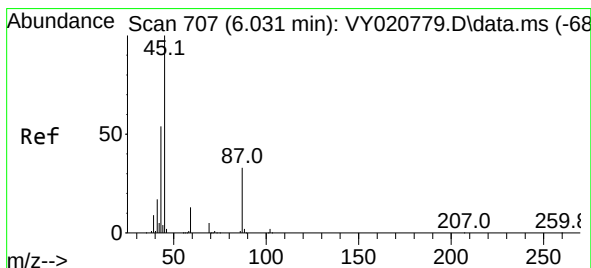
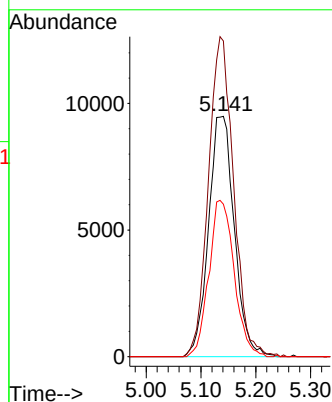
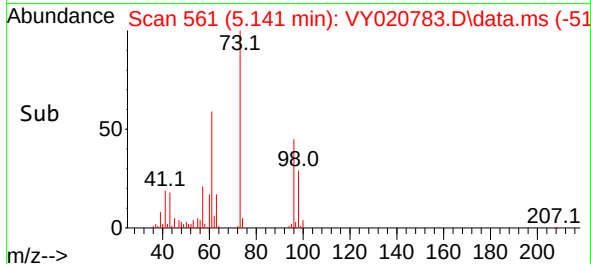


#21
trans-1,2-Dichloroethene
Concen: 19.159 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

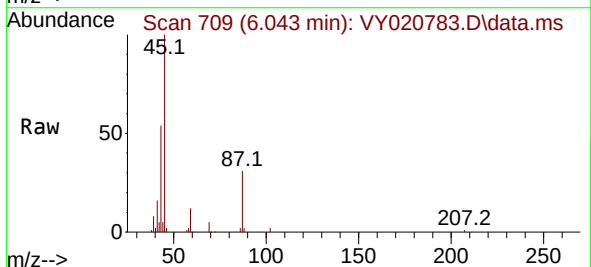
Instrument :
MSVOA_Y
ClientSampleId :



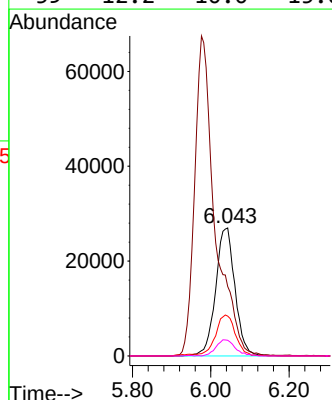
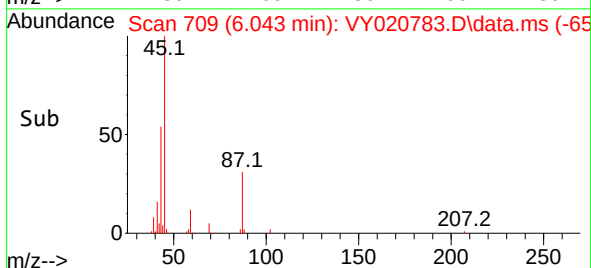
Tgt Ion: 96 Resp: 30982
Ion Ratio Lower Upper
96 100
61 131.4 101.6 152.4
98 63.5 49.4 74.2

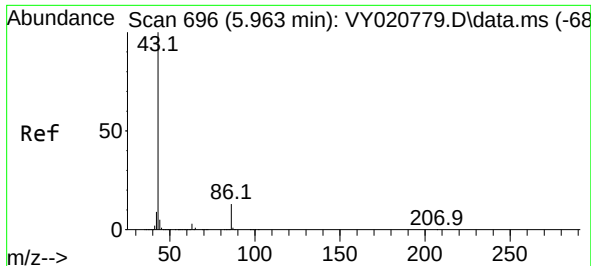


#22
Diisopropyl ether
Concen: 20.541 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58



Tgt Ion: 45 Resp: 92698
Ion Ratio Lower Upper
45 100
43 53.7 43.9 65.9
87 31.2 25.3 37.9
59 12.2 10.0 15.0

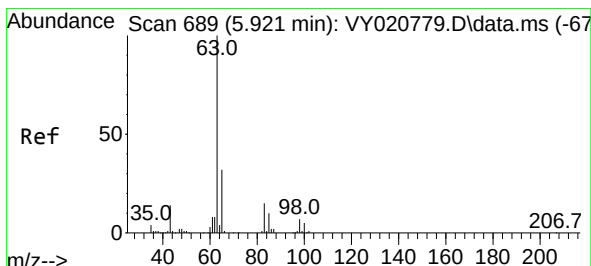
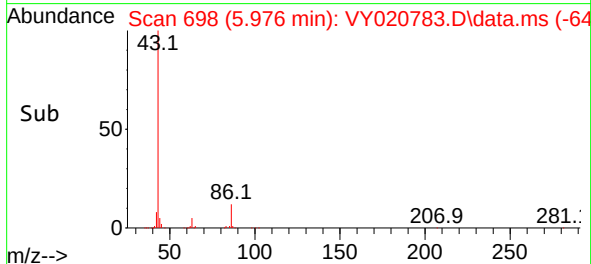
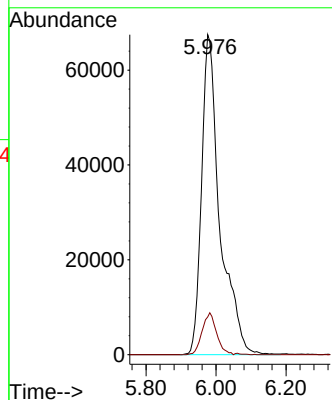
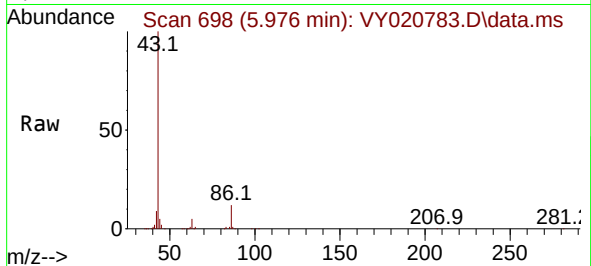




#23
 Vinyl Acetate
 Concen: 98.318 ug/l
 RT: 5.976 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

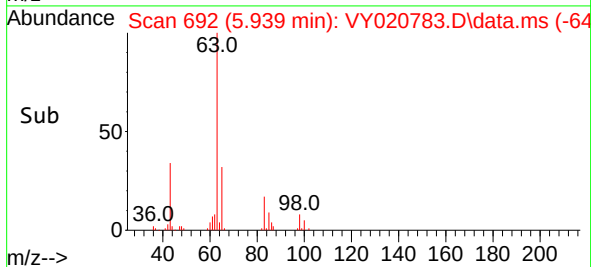
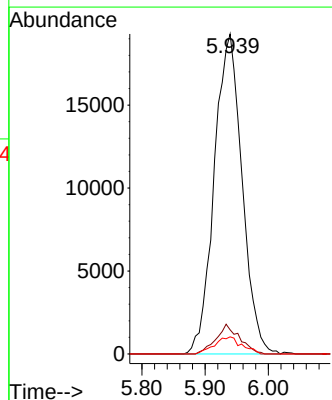
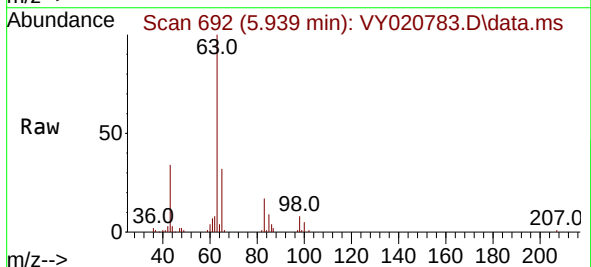
Instrument :
 MSVOA_Y
 ClientSampleId :

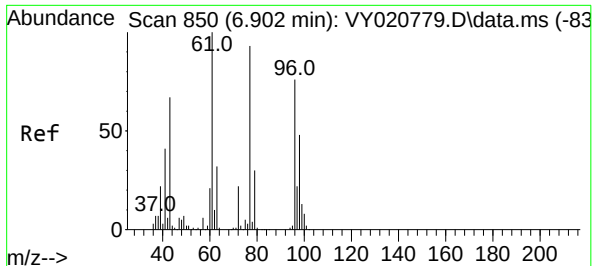
Tgt Ion: 43 Resp: 244645
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 19.775 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

Tgt Ion: 63 Resp: 58880
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 92.004 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

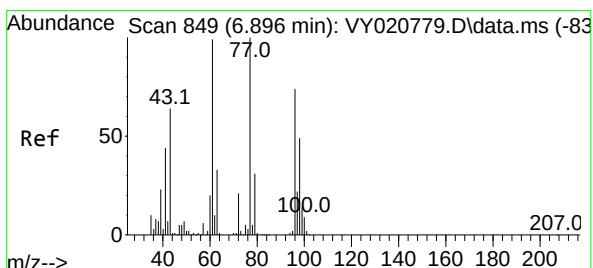
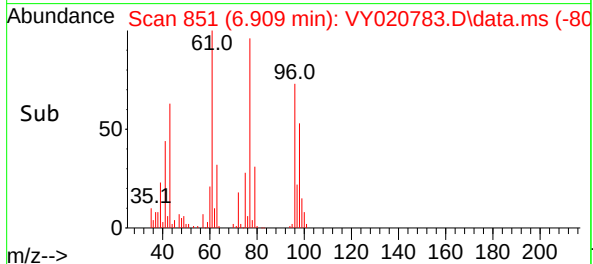
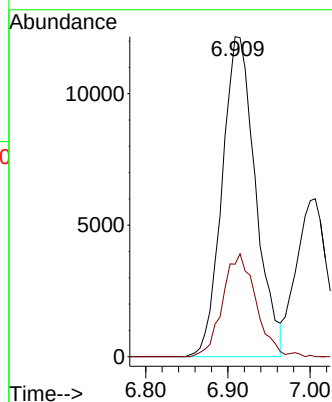
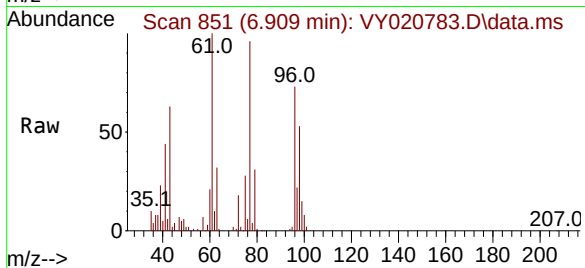
ClientSampleId :

Tgt Ion: 43 Resp: 34397

Ion Ratio Lower Upper

43 100

72 29.2 24.0 36.0



#26

2,2-Dichloropropane

Concen: 19.788 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY020783.D

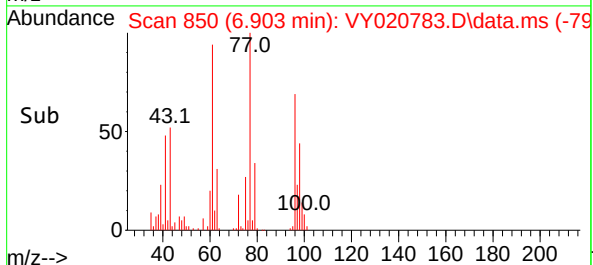
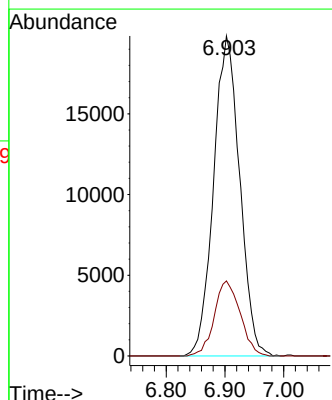
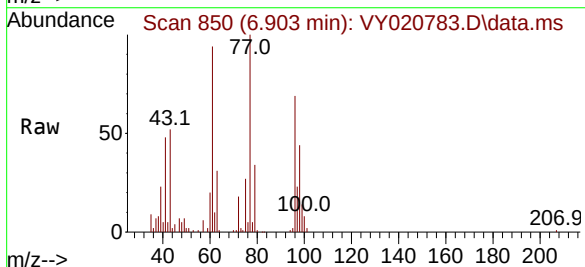
Acq: 06 Jan 2025 14:58

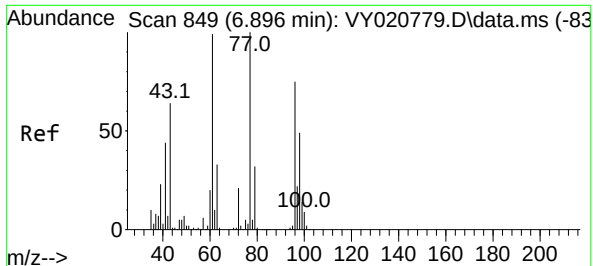
Tgt Ion: 77 Resp: 61174

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.799 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

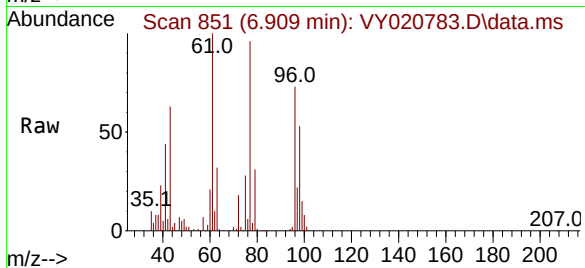
Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :



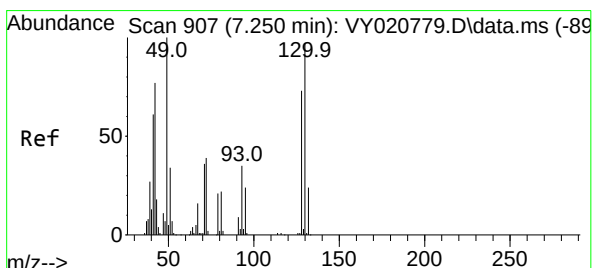
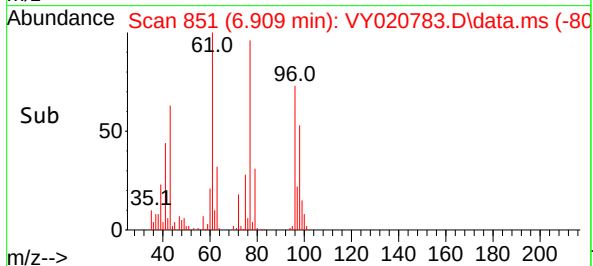
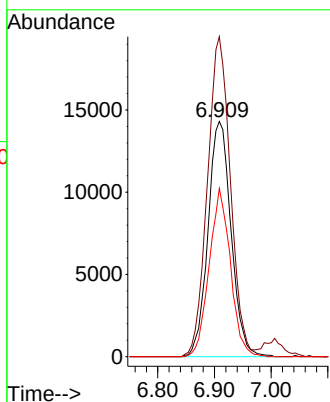
Tgt Ion: 96 Resp: 40395

Ion Ratio Lower Upper

96 100

61 135.5 0.0 271.4

98 65.7 0.0 129.0



#28

Bromochloromethane

Concen: 15.125 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

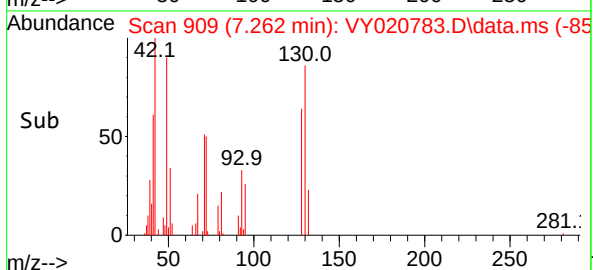
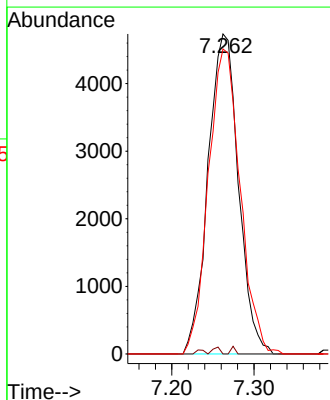
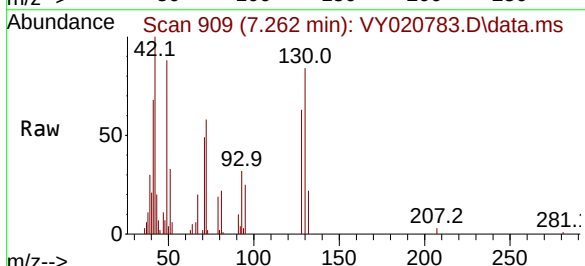
Tgt Ion: 49 Resp: 12152

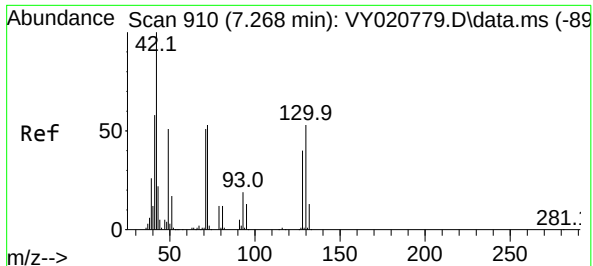
Ion Ratio Lower Upper

49 100

129 0.5 0.0 5.2

130 99.4 77.8 116.6





#29

Tetrahydrofuran

Concen: 91.326 ug/l

RT: 7.281 min Scan# 910

Delta R.T. 0.012 min

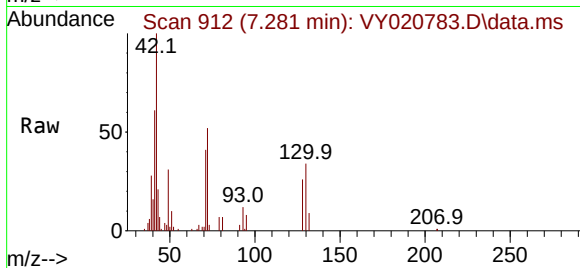
Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

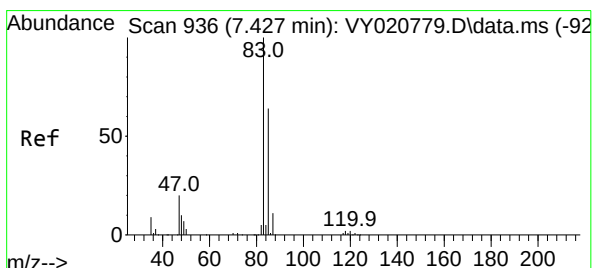
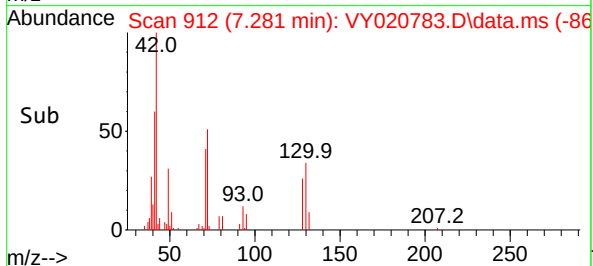
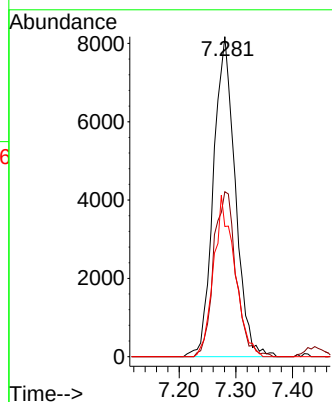
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	21811
Ion	Ratio	Lower	Upper
42	100		
72	52.9	41.8	62.6
71	48.7	39.8	59.8



#30

Chloroform

Concen: 19.732 ug/l

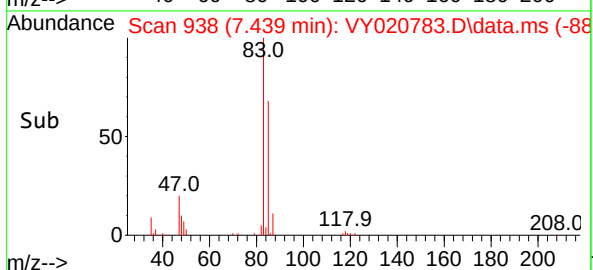
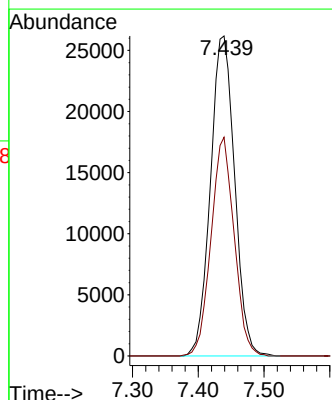
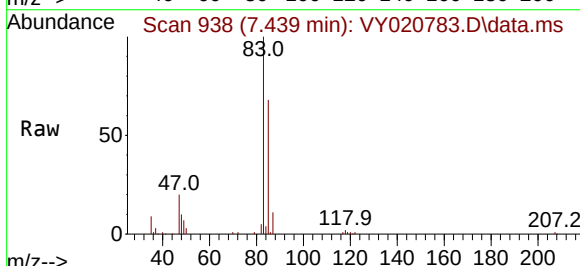
RT: 7.439 min Scan# 938

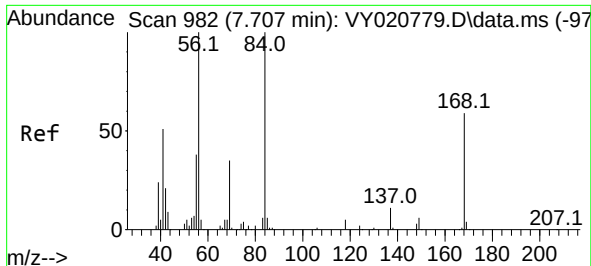
Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Tgt Ion:	83	Resp:	67000
Ion	Ratio	Lower	Upper
83	100		
85	68.3	51.1	76.7

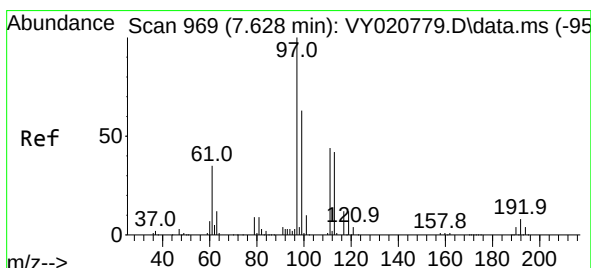
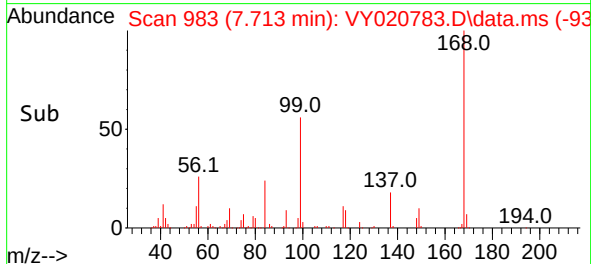
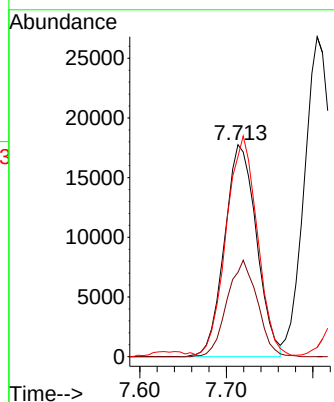
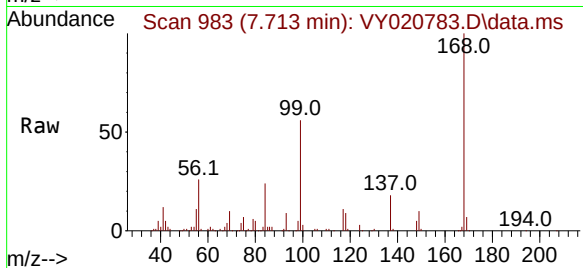




#31
Cyclohexane
Concen: 19.611 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

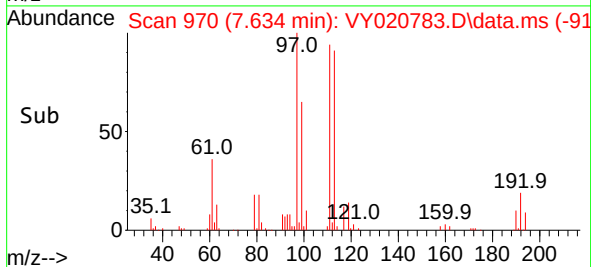
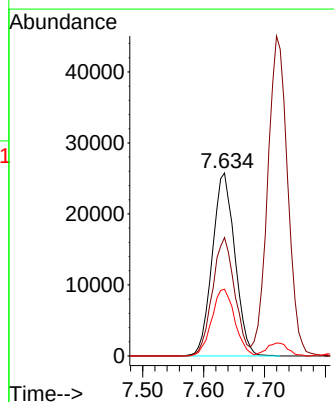
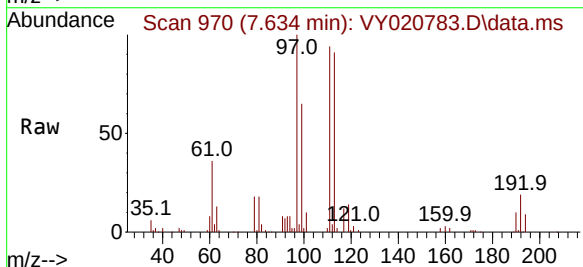
Instrument :
MSVOA_Y
ClientSampleId :

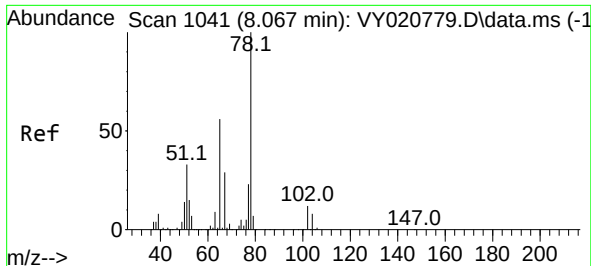
Tgt Ion: 56 Resp: 45672
Ion Ratio Lower Upper
56 100
69 39.8 30.5 45.7
84 92.1 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 20.015 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 97 Resp: 66290
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 37.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 53.058 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

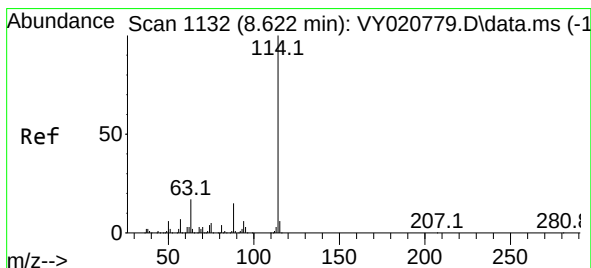
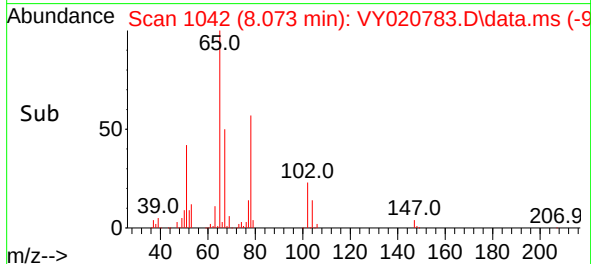
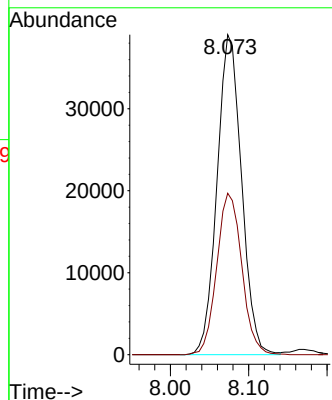
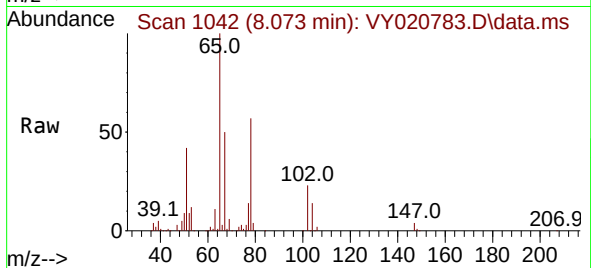
ClientSampleId :

Tgt Ion: 65 Resp: 84920

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

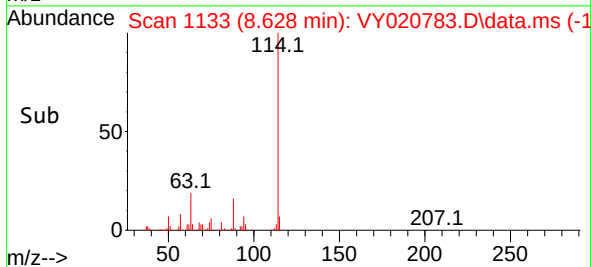
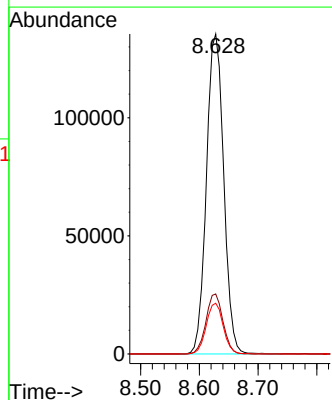
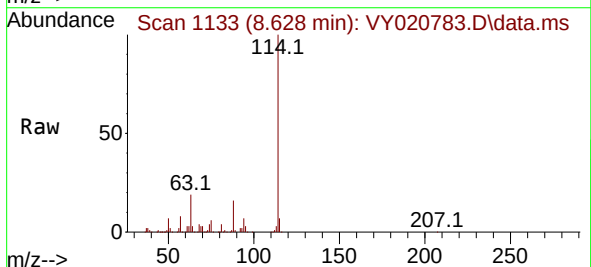
Tgt Ion:114 Resp: 276799

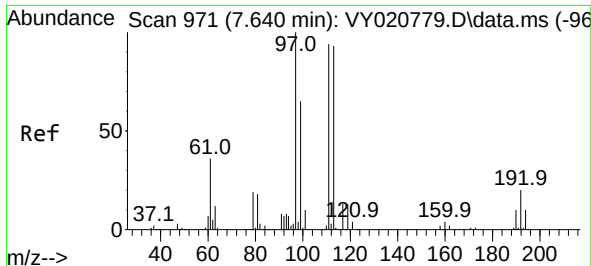
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

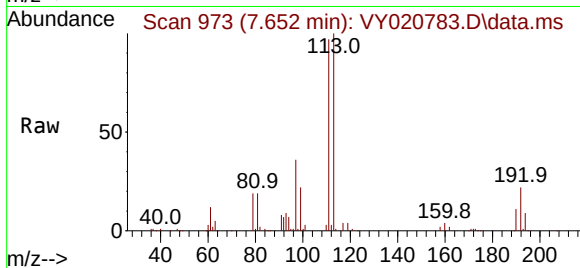
88 15.9 0.0 31.2



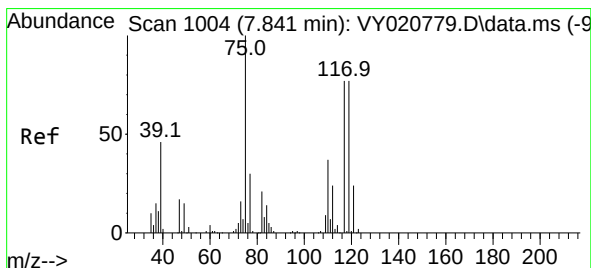
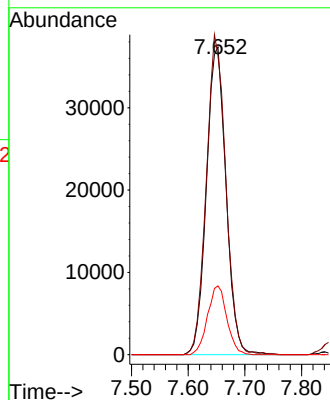
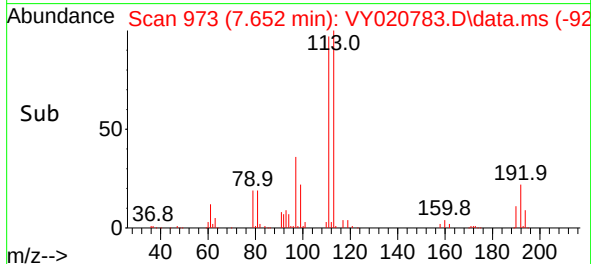


#35
Dibromofluoromethane
Concen: 51.745 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :

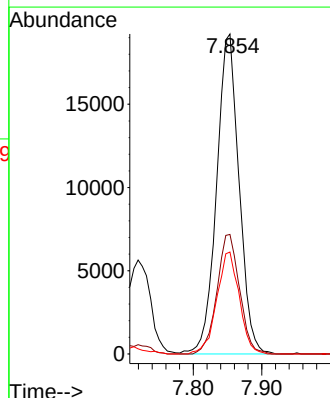
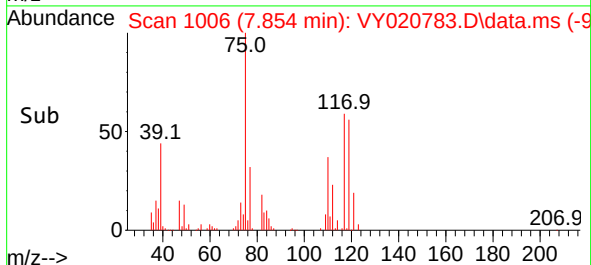
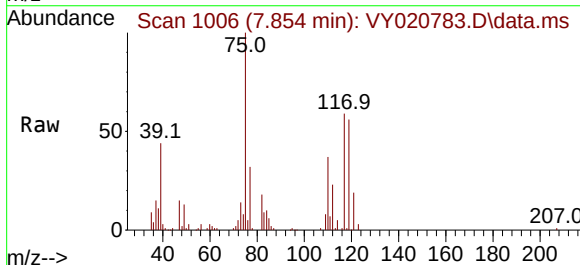


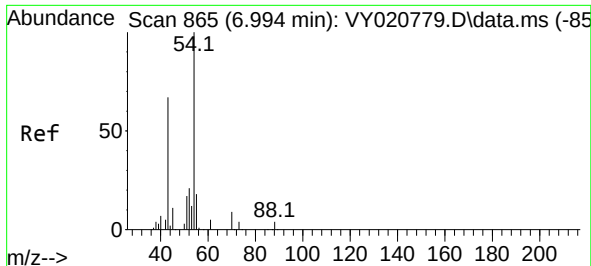
Tgt Ion:113 Resp: 89733
Ion Ratio Lower Upper
113 100
111 103.1 81.7 122.5
192 22.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 19.774 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 75 Resp: 43737
Ion Ratio Lower Upper
75 100
110 37.5 18.5 55.5
77 31.9 25.0 37.4

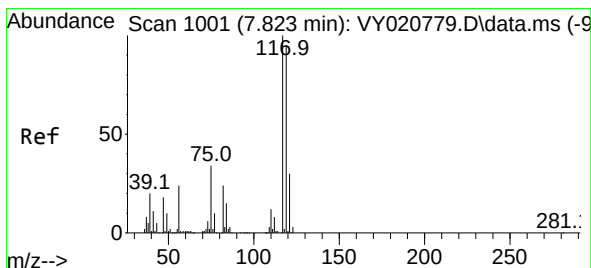
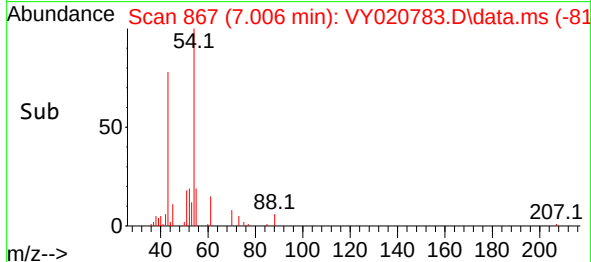
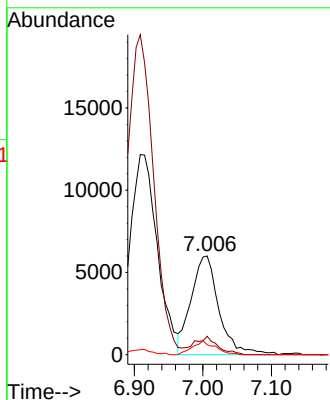
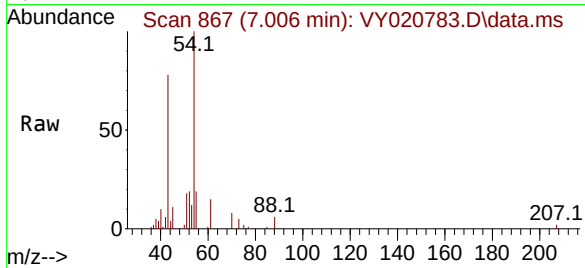




#37
Ethyl Acetate
Concen: 19.258 ug/l
RT: 7.006 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

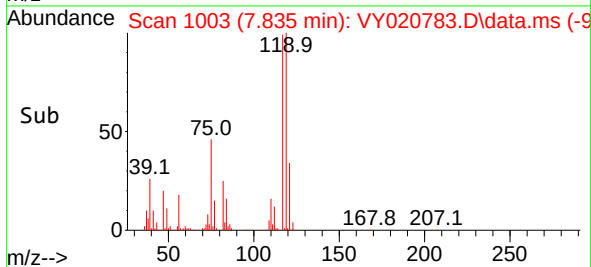
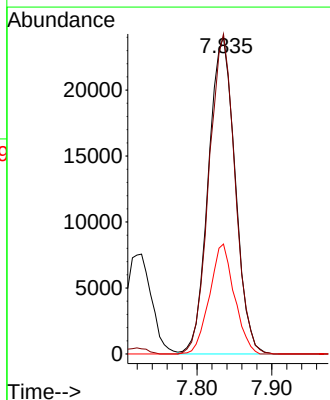
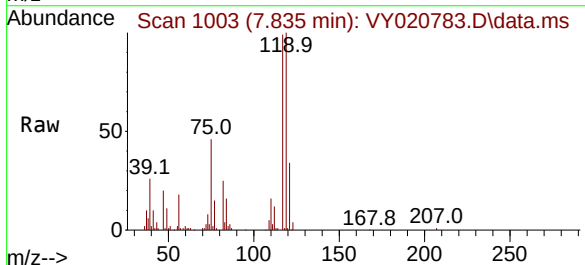
Instrument :
MSVOA_Y
ClientSampleId :

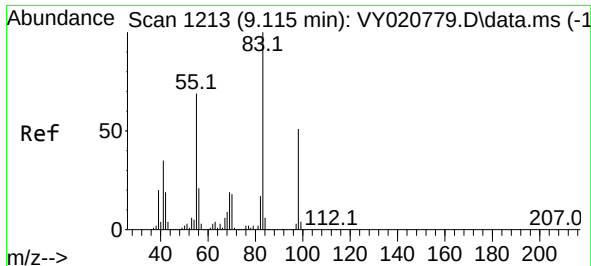
Tgt Ion: 43 Resp: 16951
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.2 9.8 14.8



#38
Carbon Tetrachloride
Concen: 19.398 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 117 Resp: 59726
Ion Ratio Lower Upper
117 100
119 101.1 76.5 114.7
121 34.7 24.3 36.5





#39

Methylcyclohexane

Concen: 19.717 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

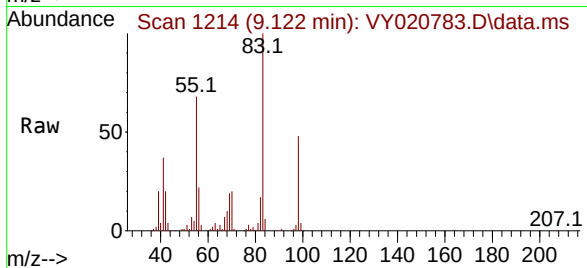
Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

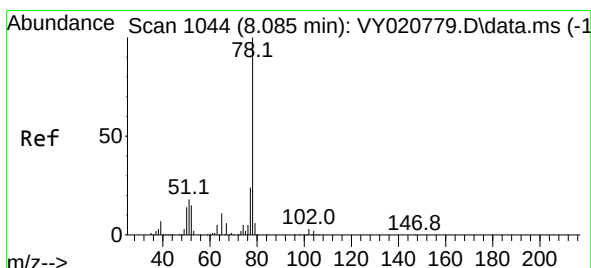
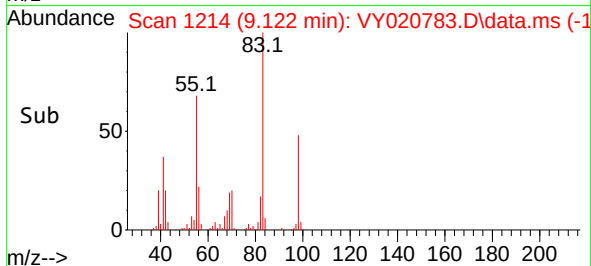
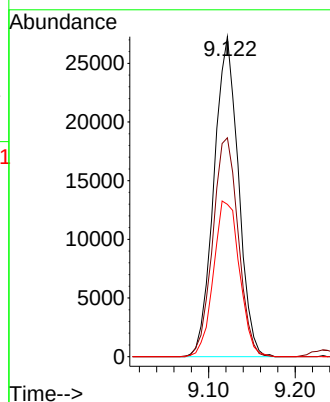
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 83	Resp: 53516
Ion Ratio	Lower Upper
83	100
55	68.4 54.8 82.2
98	47.6 40.0 60.0



#40

Benzene

Concen: 20.045 ug/l

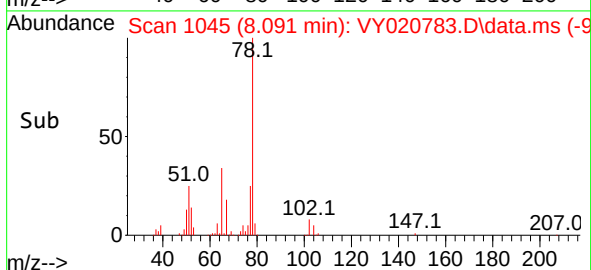
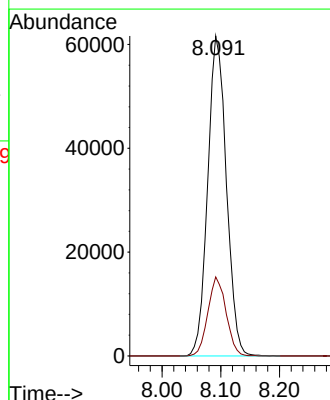
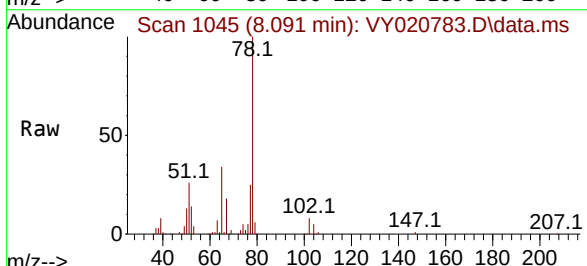
RT: 8.091 min Scan# 1045

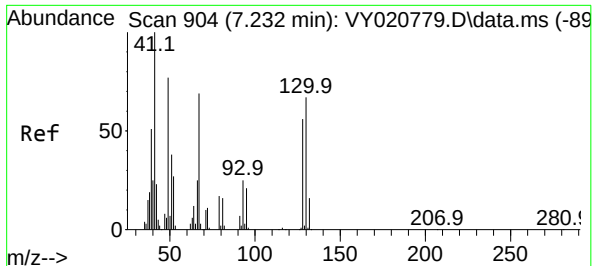
Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Tgt Ion: 78	Resp: 136079
Ion Ratio	Lower Upper
78	100
77	24.7 19.4 29.2



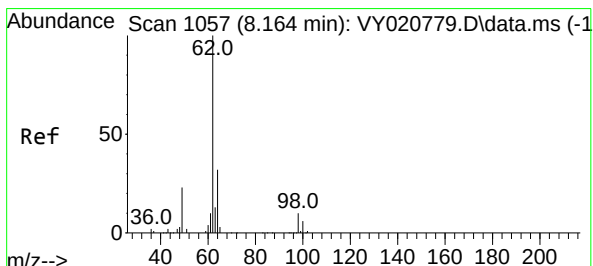
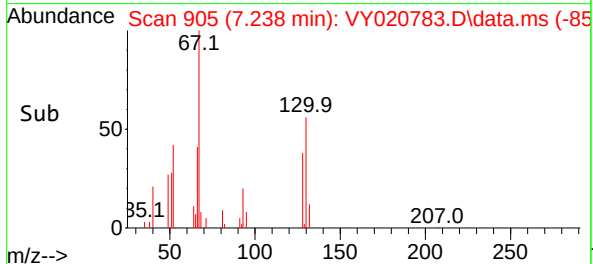
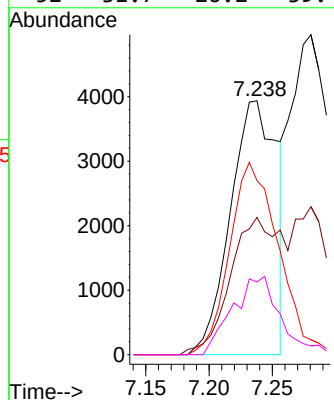
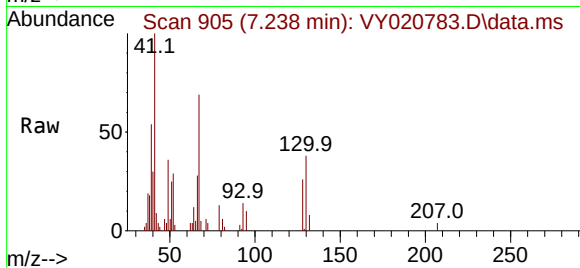


#41
Methacrylonitrile
Concen: 19.963 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 10063

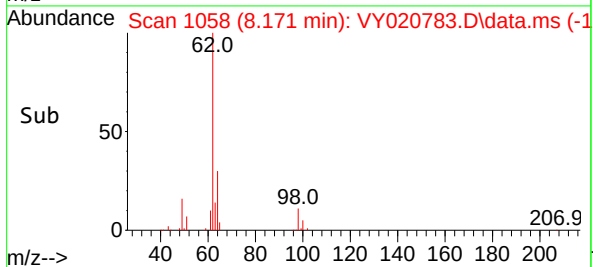
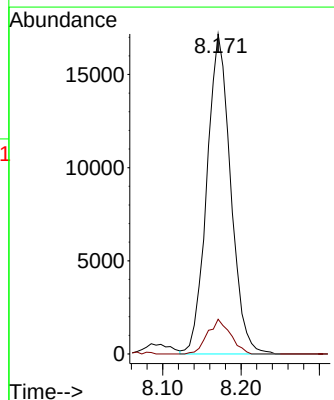
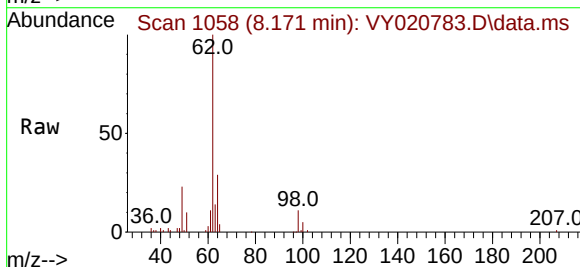
Ion	Ratio	Lower	Upper
41	100		
39	61.3	42.4	63.6
67	80.0	67.8	101.8
52	31.7	26.2	39.4

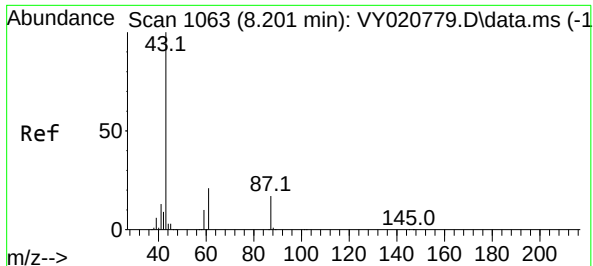


#42
1,2-Dichloroethane
Concen: 19.549 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 62 Resp: 36242

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.6

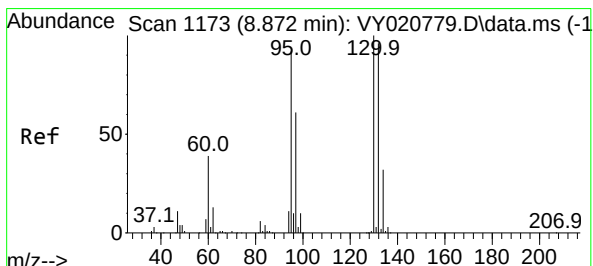
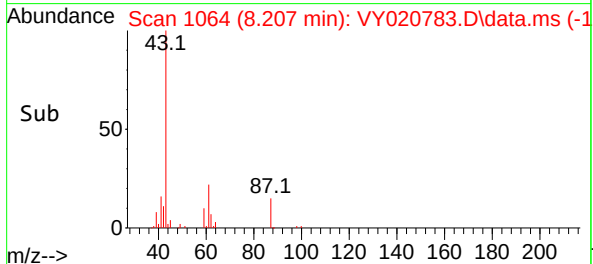
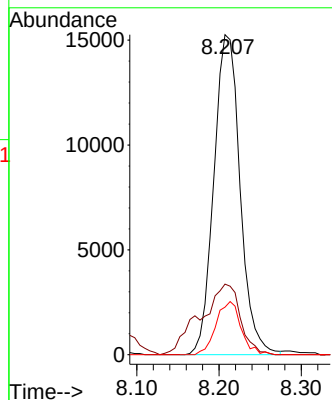
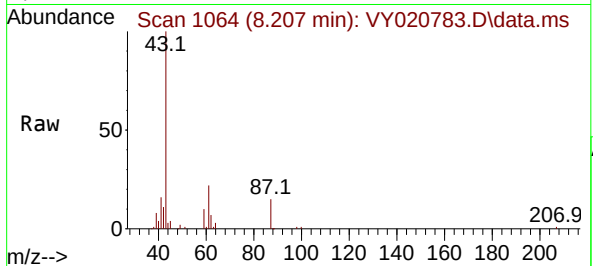




#43
Isopropyl Acetate
Concen: 18.922 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

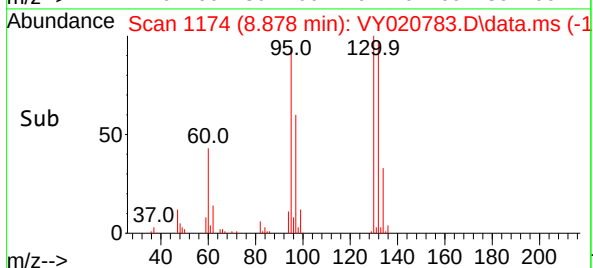
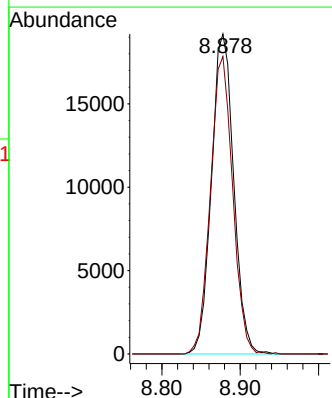
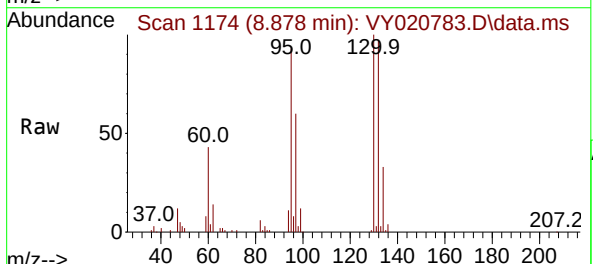
Instrument :
MSVOA_Y
ClientSampleId :

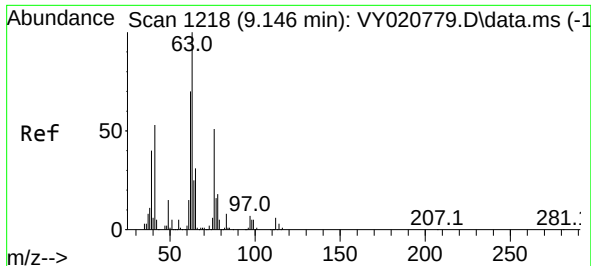
Tgt Ion: 43 Resp: 33876
Ion Ratio Lower Upper
43 100
61 33.4 26.5 39.7
87 15.8 13.4 20.0



#44
Trichloroethene
Concen: 19.967 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion:130 Resp: 37786
Ion Ratio Lower Upper
130 100
95 93.0 0.0 181.0





#45

1,2-Dichloropropane

Concen: 20.420 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

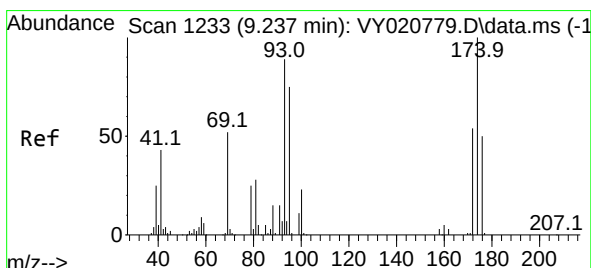
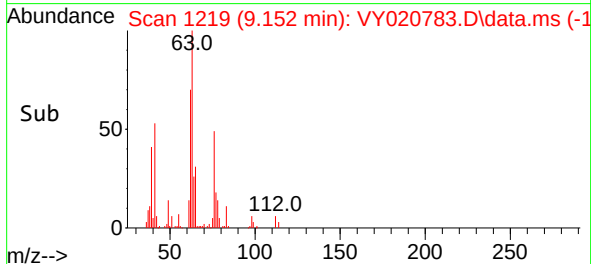
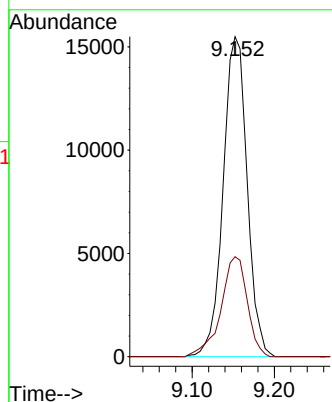
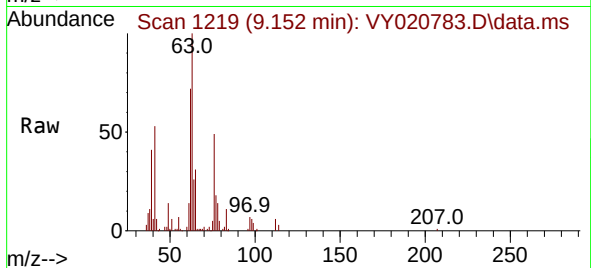
ClientSampleId :

Tgt Ion: 63 Resp: 31426

Ion Ratio Lower Upper

63 100

65 31.3 24.2 36.4



#46

Dibromomethane

Concen: 19.802 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

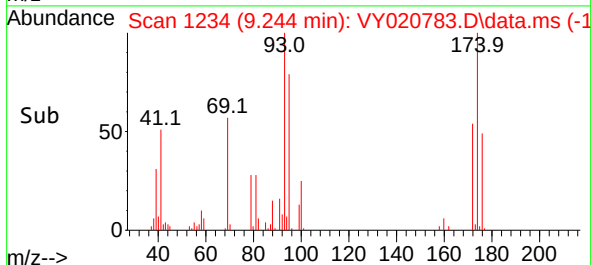
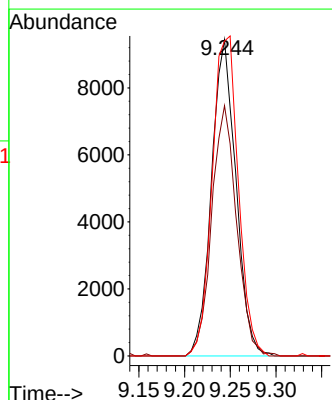
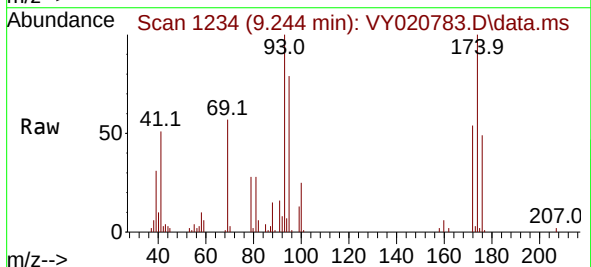
Tgt Ion: 93 Resp: 17500

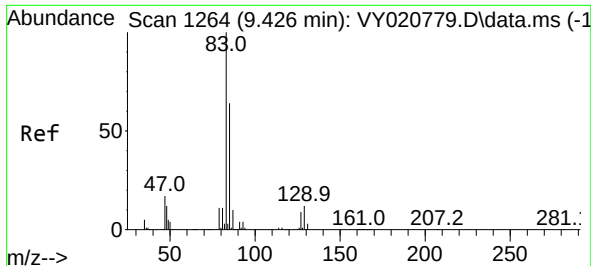
Ion Ratio Lower Upper

93 100

95 80.9 68.2 102.4

174 108.5 89.0 133.6

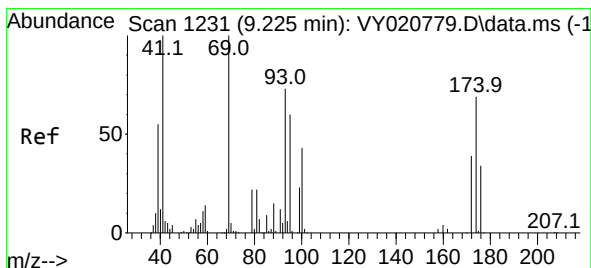
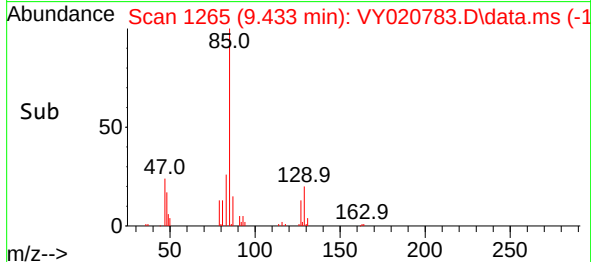
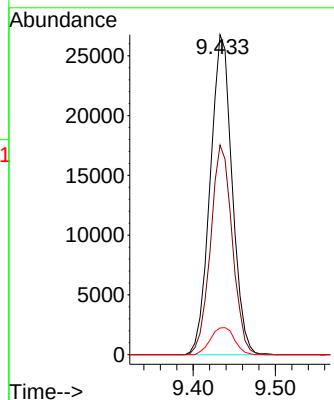
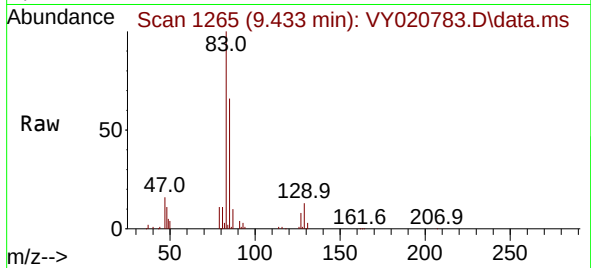




#47
Bromodichloromethane
Concen: 19.566 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

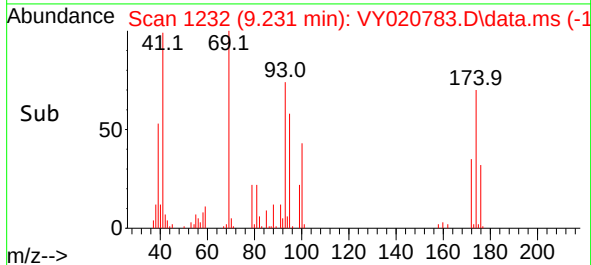
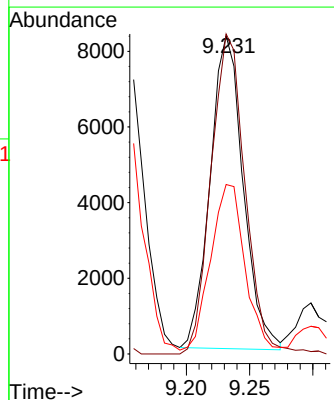
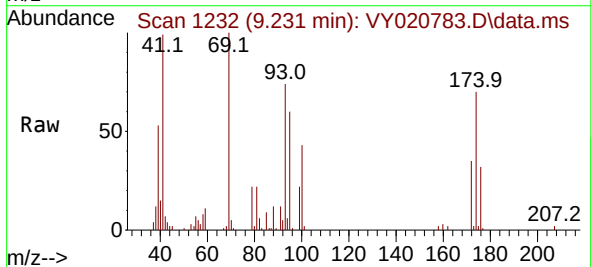
Instrument :
MSVOA_Y
ClientSampleId :

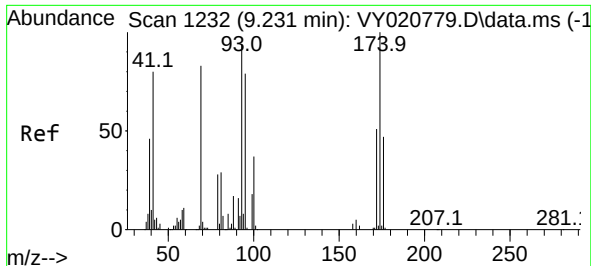
Tgt Ion: 83 Resp: 49520
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1
127 8.3 7.9 11.9



#48
Methyl methacrylate
Concen: 18.743 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 41 Resp: 15044
Ion Ratio Lower Upper
41 100
69 105.2 78.9 118.3
39 57.4 44.6 67.0





#49

1,4-Dioxane

Concen: 367.796 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

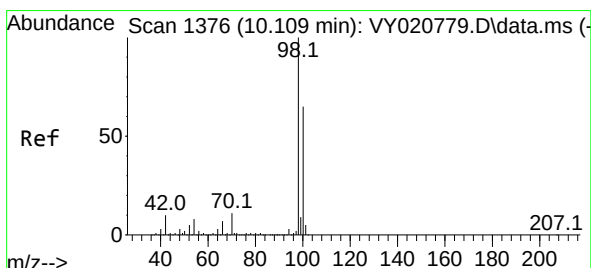
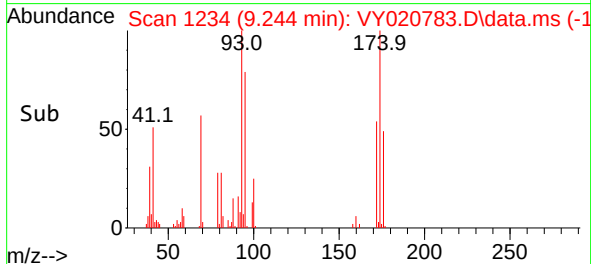
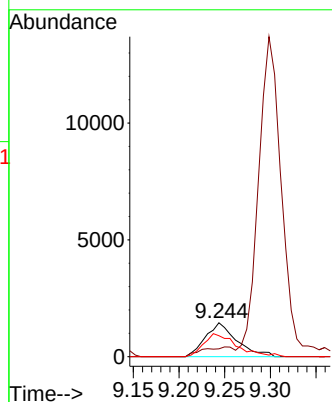
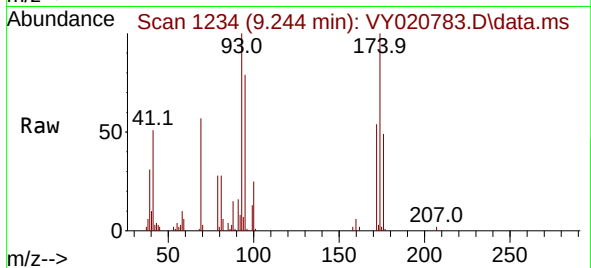
Tgt Ion: 88 Resp: 3451

Ion Ratio Lower Upper

88 100

43 29.1 24.4 36.6

58 72.0 51.0 76.6



#50

Toluene-d8

Concen: 57.864 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020783.D

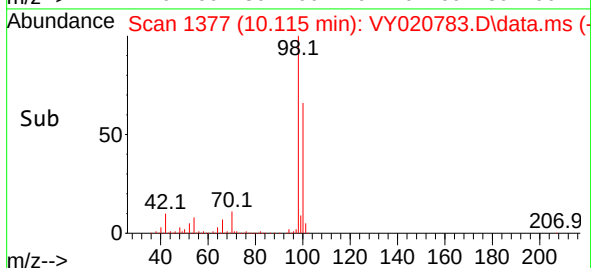
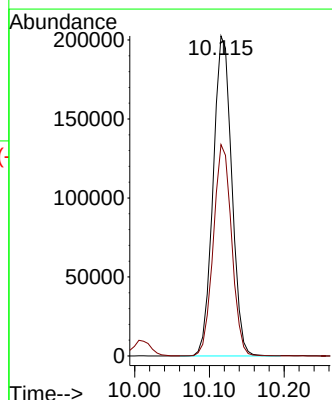
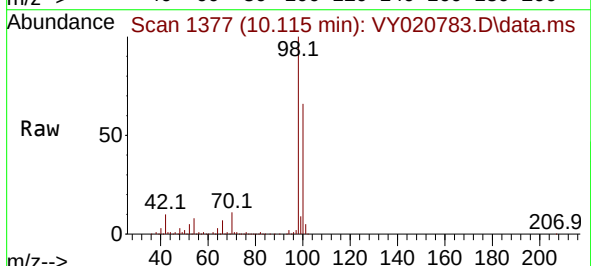
Acq: 06 Jan 2025 14:58

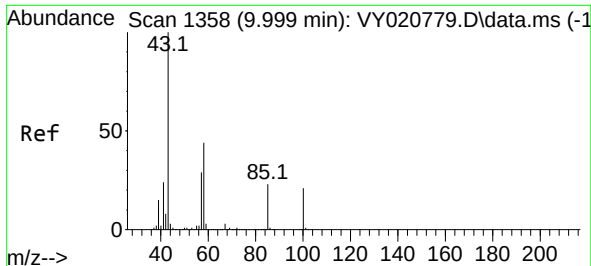
Tgt Ion: 98 Resp: 349800

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 95.332 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

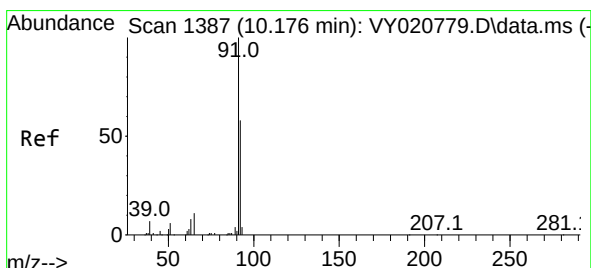
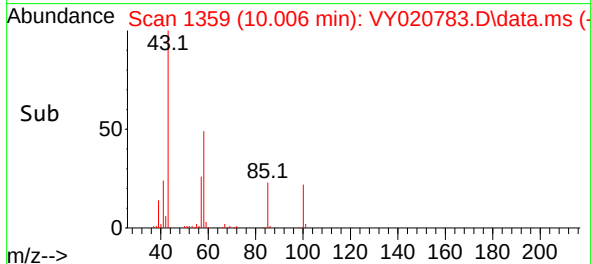
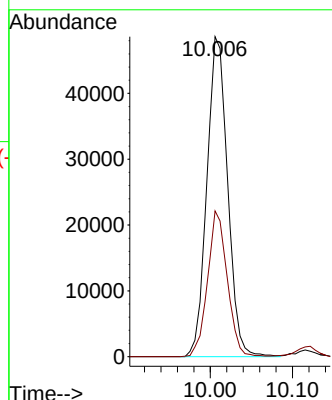
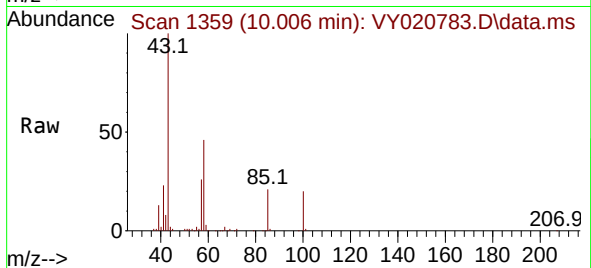
ClientSampleId :

Tgt Ion: 43 Resp: 85267

Ion Ratio Lower Upper

43 100

58 43.2 34.8 52.2



#52

Toluene

Concen: 20.082 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VY020783.D

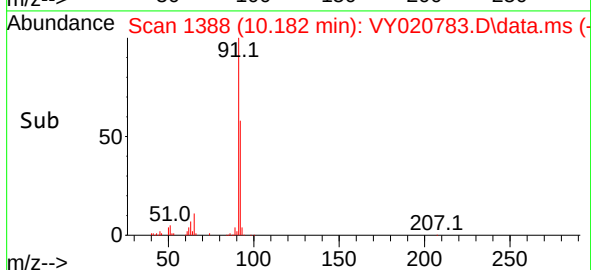
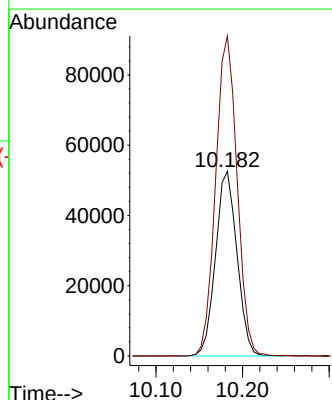
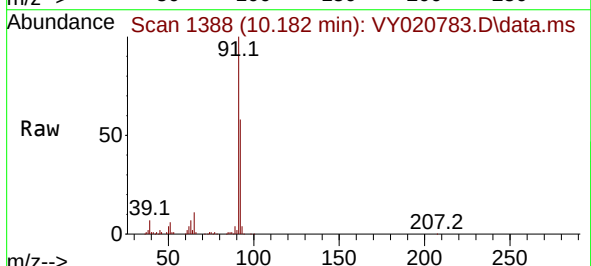
Acq: 06 Jan 2025 14:58

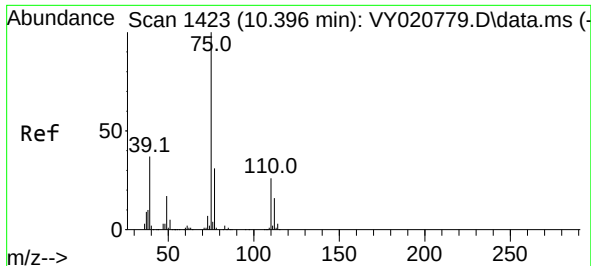
Tgt Ion: 92 Resp: 90275

Ion Ratio Lower Upper

92 100

91 173.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.764 ug/l

RT: 10.402 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

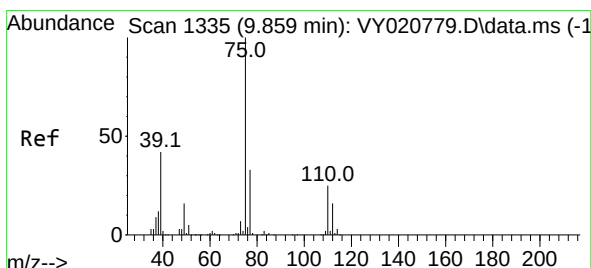
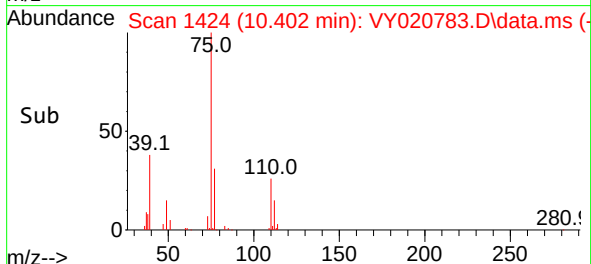
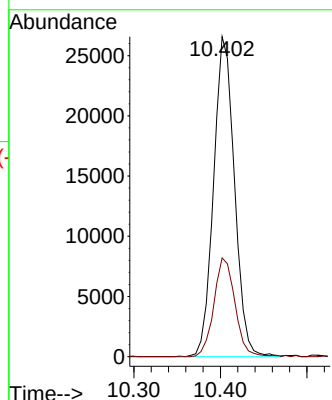
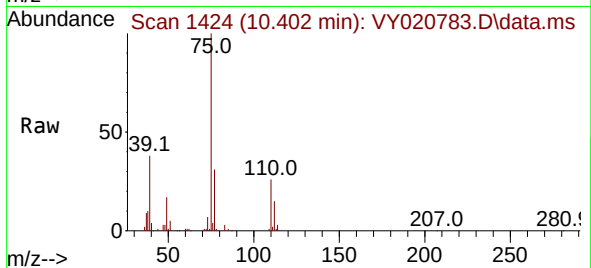
ClientSampleId :

Tgt Ion: 75 Resp: 44490

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.801 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

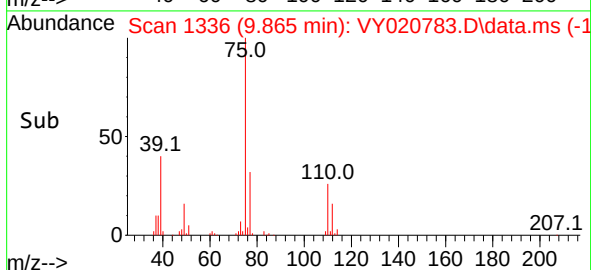
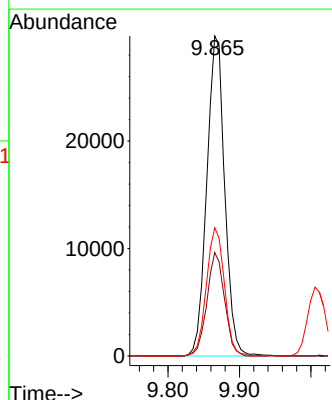
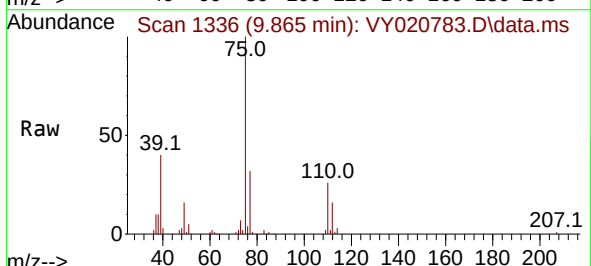
Tgt Ion: 75 Resp: 51765

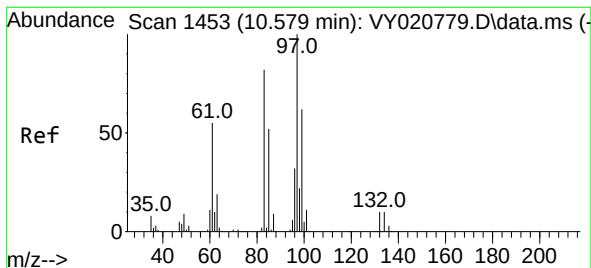
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 40.1 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 19.576 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24715

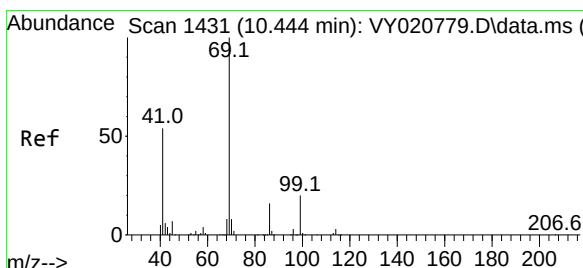
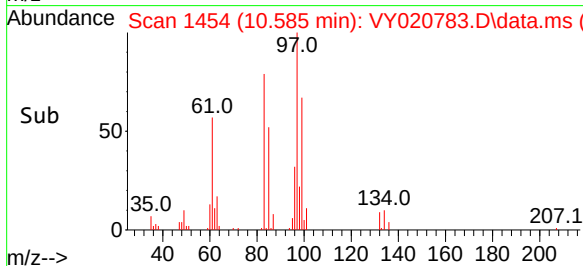
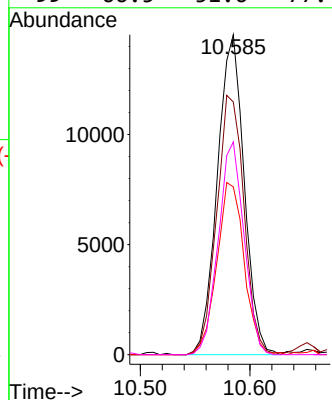
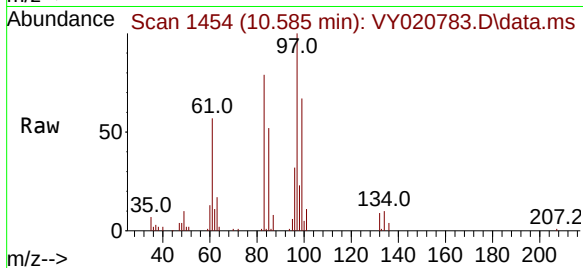
Ion Ratio Lower Upper

97 100

83 78.9 62.8 94.2

85 52.4 42.4 63.6

99 66.5 51.6 77.4



#56

Ethyl methacrylate

Concen: 19.334 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

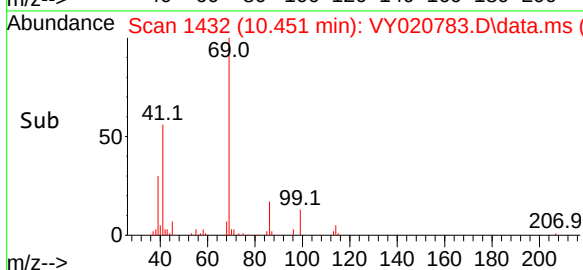
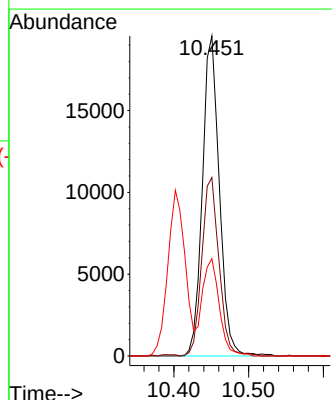
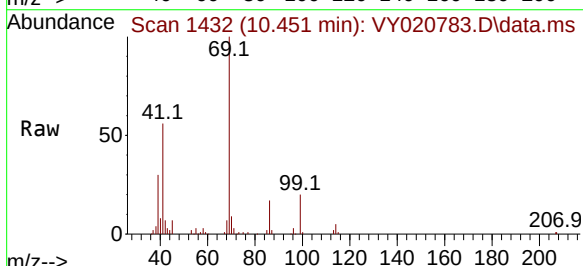
Tgt Ion: 69 Resp: 30827

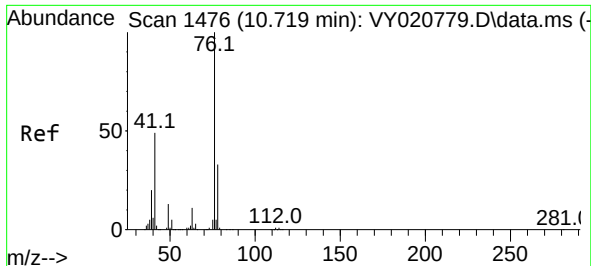
Ion Ratio Lower Upper

69 100

41 56.6 46.6 69.8

39 31.0 25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.639 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

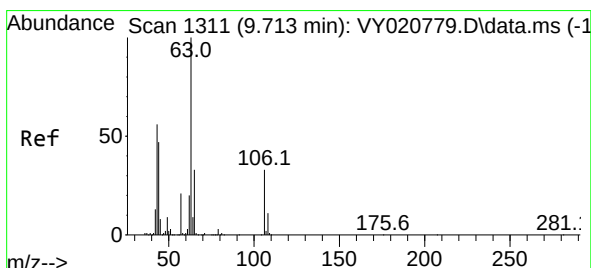
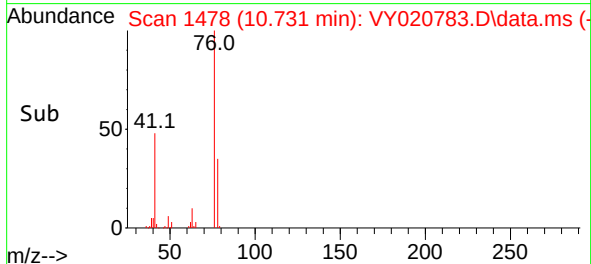
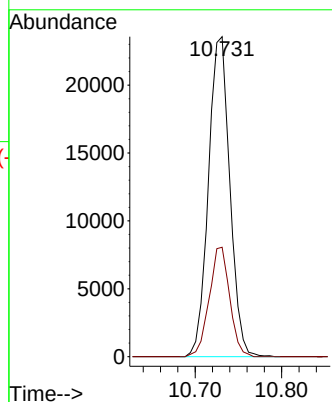
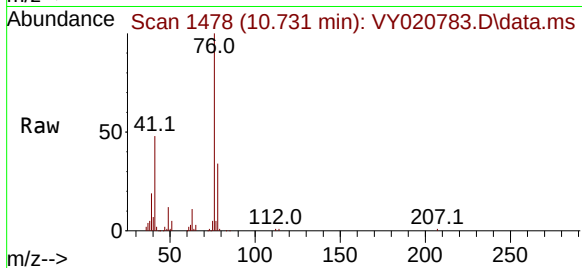
ClientSampleId :

Tgt Ion: 76 Resp: 40416

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 81.928 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020783.D

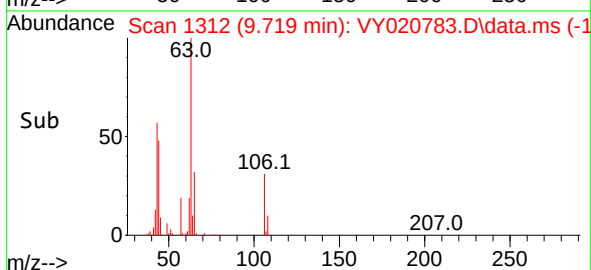
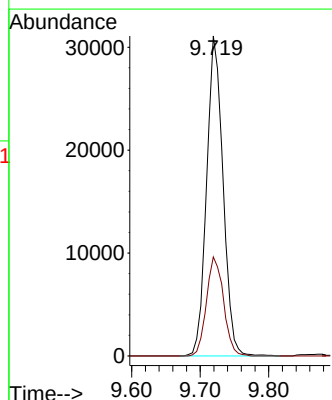
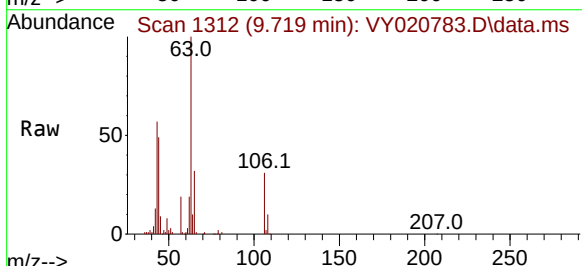
Acq: 06 Jan 2025 14:58

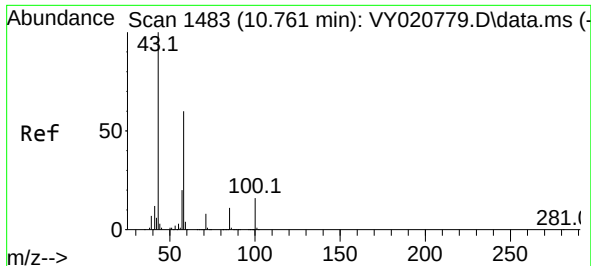
Tgt Ion: 63 Resp: 51823

Ion Ratio Lower Upper

63 100

106 32.2 25.9 38.9





#59

2-Hexanone

Concen: 92.175 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

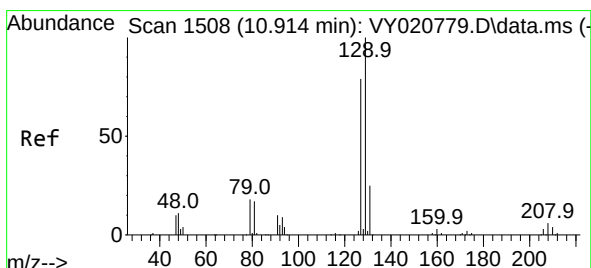
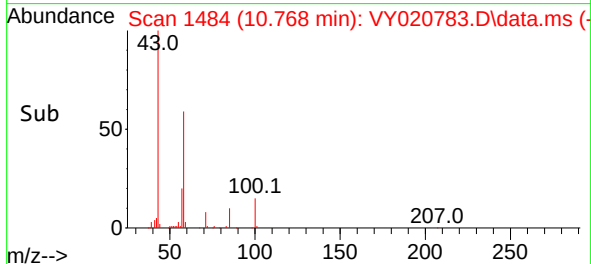
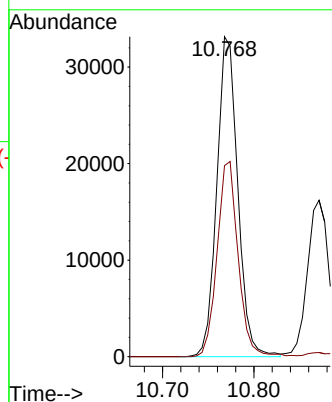
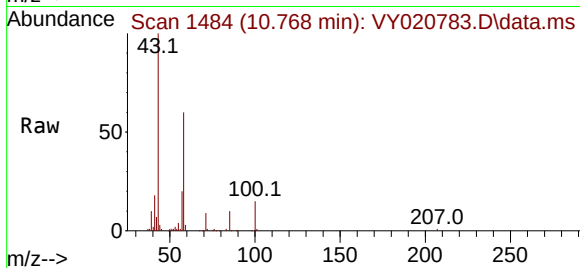
ClientSampleId :

Tgt Ion: 43 Resp: 52891

Ion Ratio Lower Upper

43 100

58 61.3 30.6 92.0



#60

Dibromochloromethane

Concen: 19.319 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VY020783.D

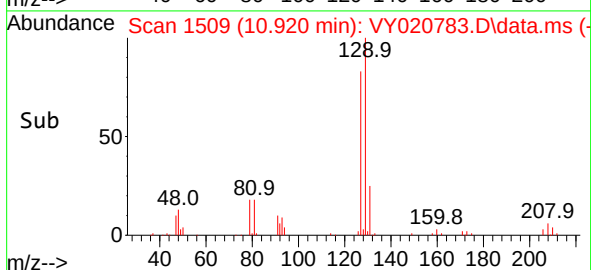
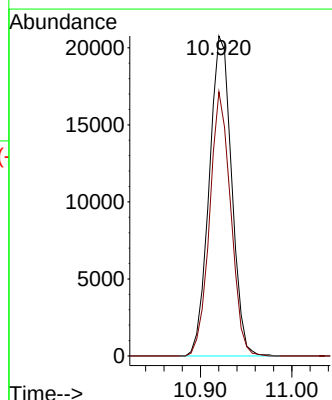
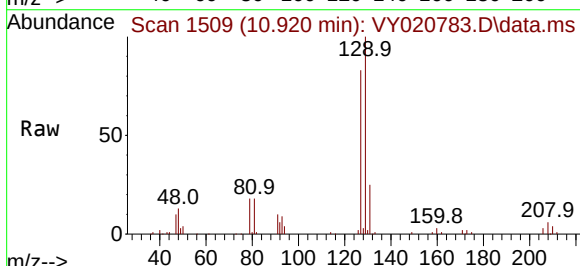
Acq: 06 Jan 2025 14:58

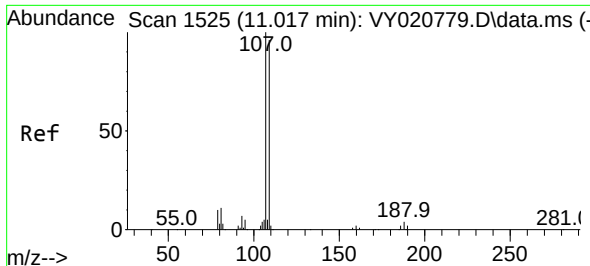
Tgt Ion:129 Resp: 35374

Ion Ratio Lower Upper

129 100

127 77.4 38.3 114.9

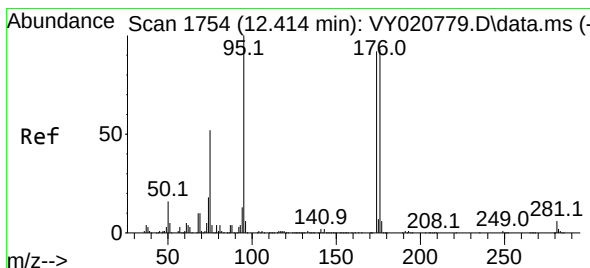
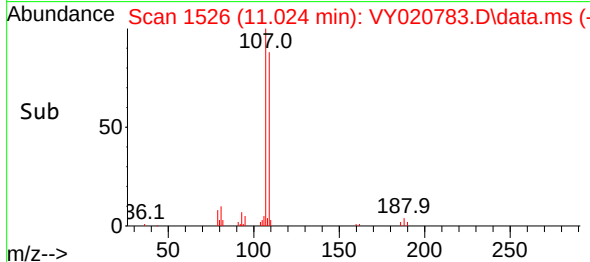
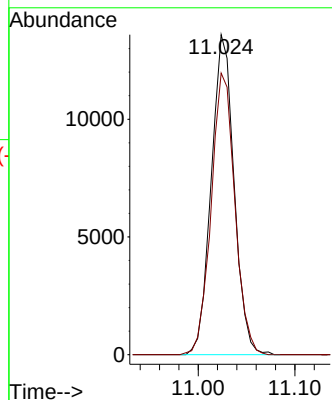
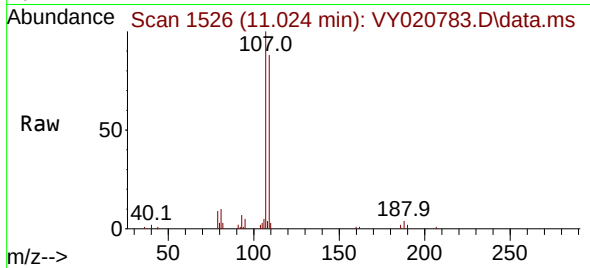




#61
1,2-Dibromoethane
Concen: 19.613 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

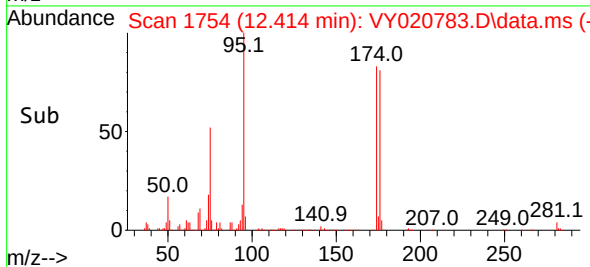
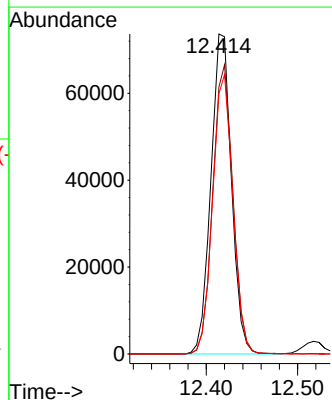
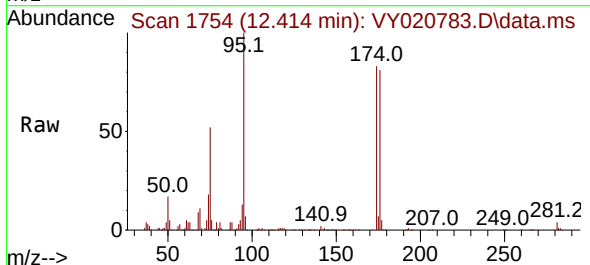
Instrument :
MSVOA_Y
ClientSampleId :

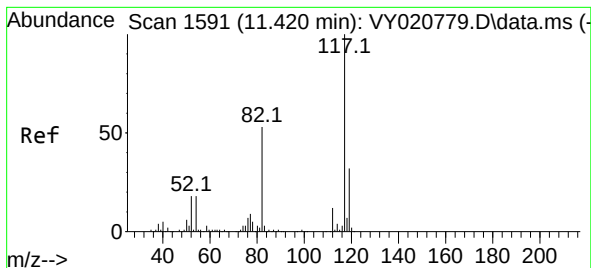
Tgt Ion:107 Resp: 22230
Ion Ratio Lower Upper
107 100
109 91.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 51.504 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 95 Resp: 114976
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.0
176 86.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

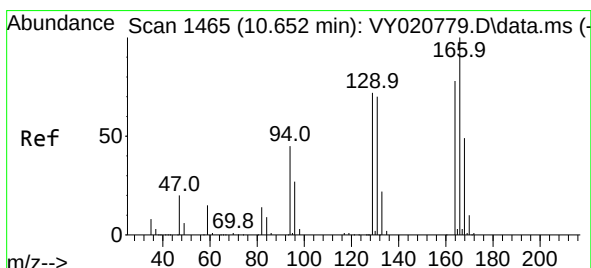
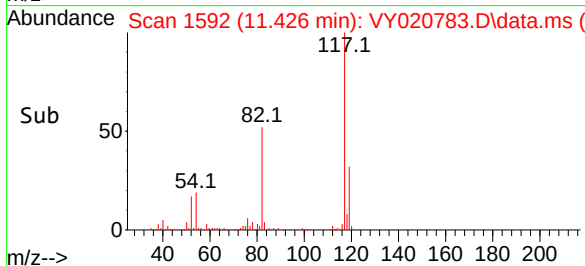
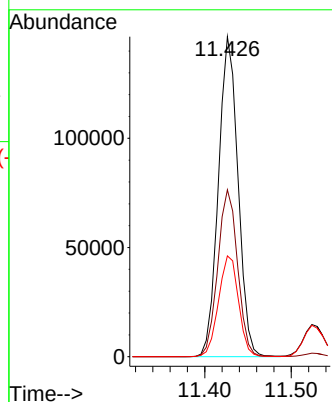
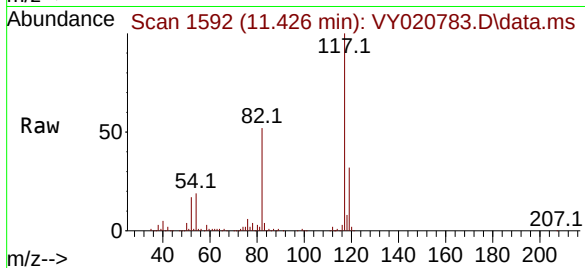
Tgt Ion:117 Resp: 230422

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

119 31.5 25.8 38.8



#64

Tetrachloroethene

Concen: 19.649 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Tgt Ion:164 Resp: 33288

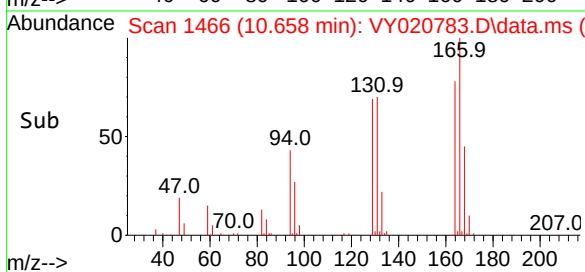
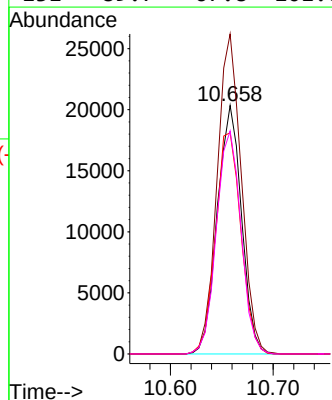
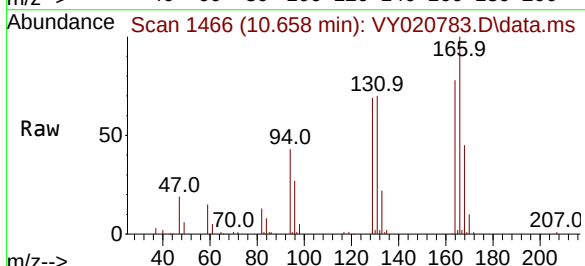
Ion Ratio Lower Upper

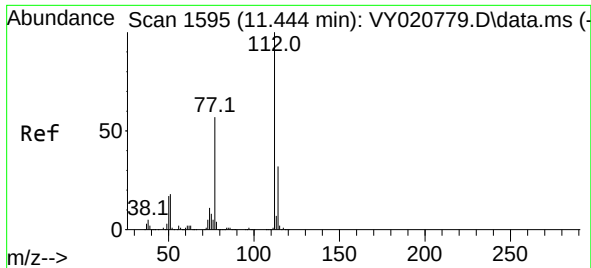
164 100

166 128.8 102.0 153.0

129 89.0 71.4 107.2

131 89.7 67.8 101.6

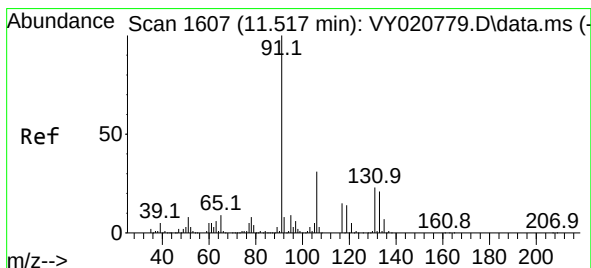
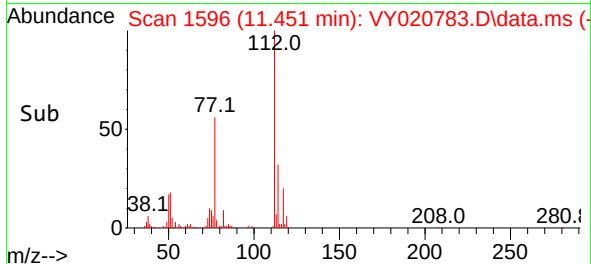
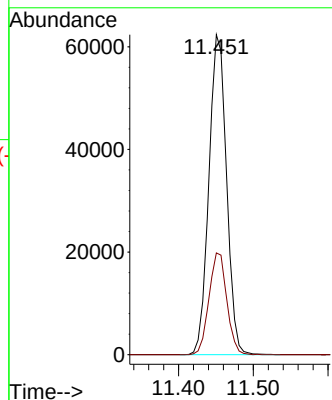
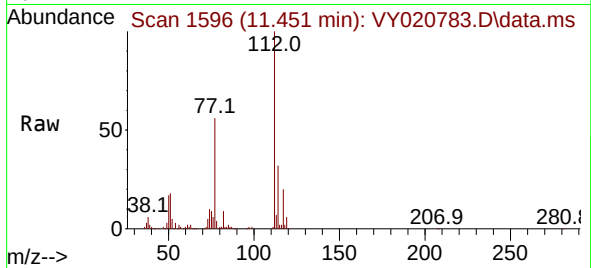




#65
Chlorobenzene
Concen: 20.093 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

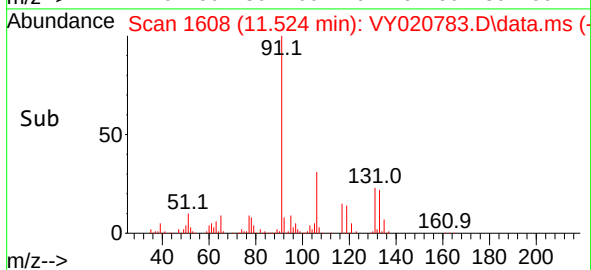
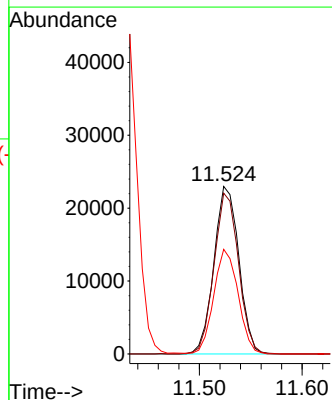
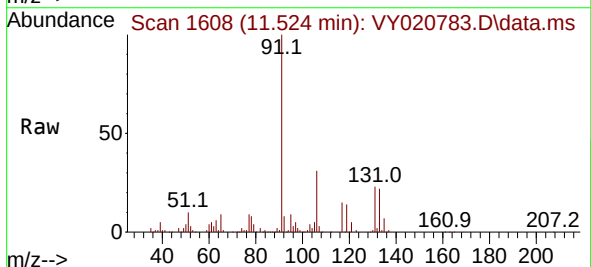
Instrument :
MSVOA_Y
ClientSampleId :

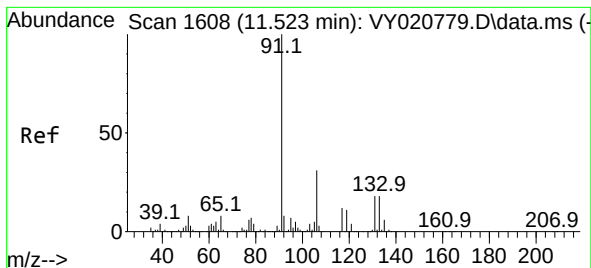
Tgt Ion:112 Resp: 102364
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion:131 Resp: 38764
Ion Ratio Lower Upper
131 100
133 94.5 46.9 140.8
119 61.1 30.2 90.6





#67

Ethyl Benzene

Concen: 20.202 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

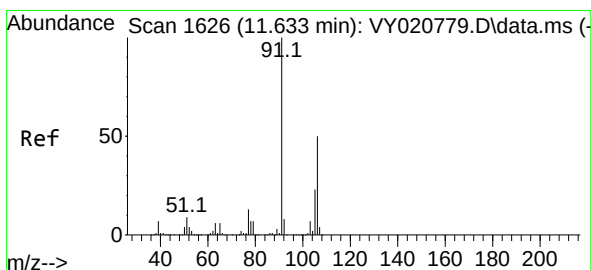
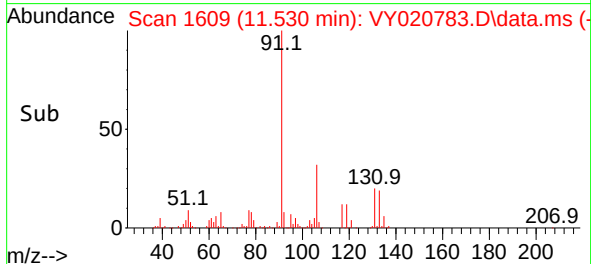
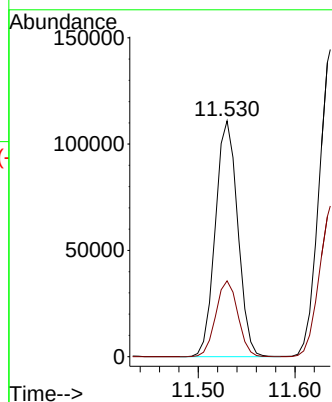
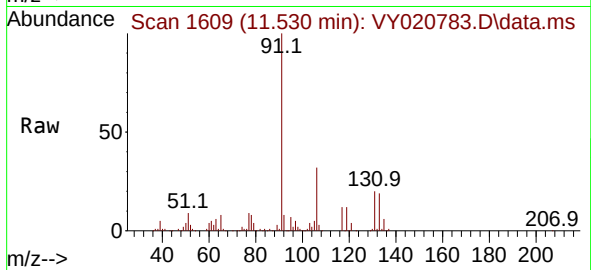
ClientSampleId :

Tgt Ion: 91 Resp: 178186

Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 39.931 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020783.D

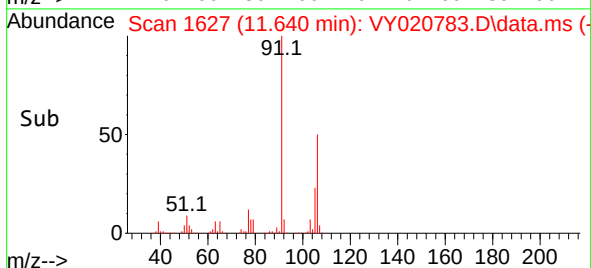
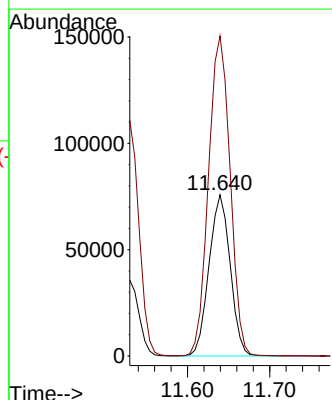
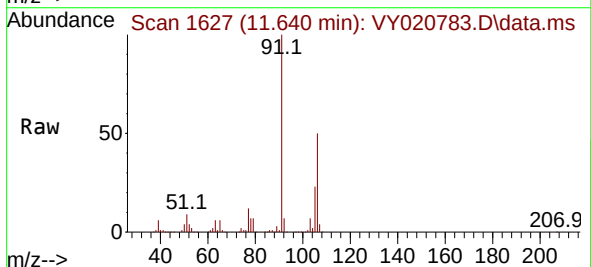
Acq: 06 Jan 2025 14:58

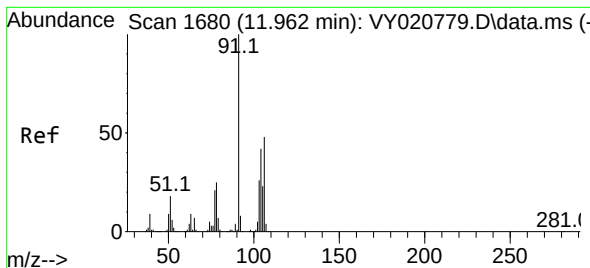
Tgt Ion:106 Resp: 135605

Ion Ratio Lower Upper

106 100

91 202.8 162.6 243.8





#69

o-Xylene

Concen: 20.394 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

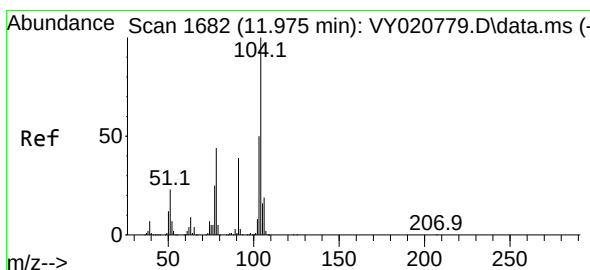
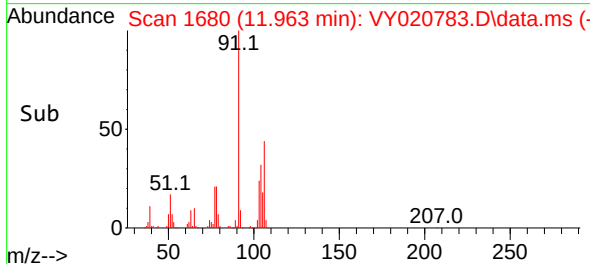
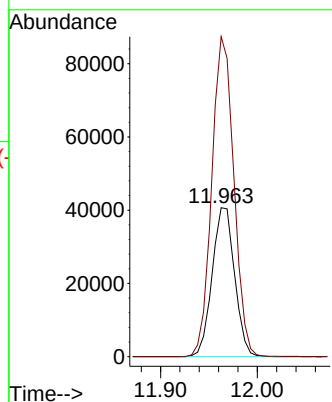
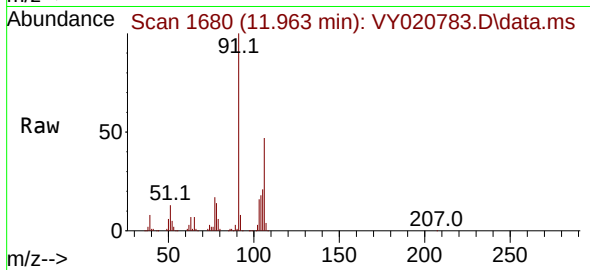
ClientSampleId :

Tgt Ion:106 Resp: 65666

Ion Ratio Lower Upper

106 100

91 211.2 108.2 324.6



#70

Styrene

Concen: 20.252 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

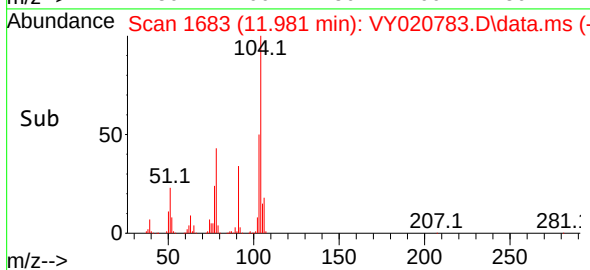
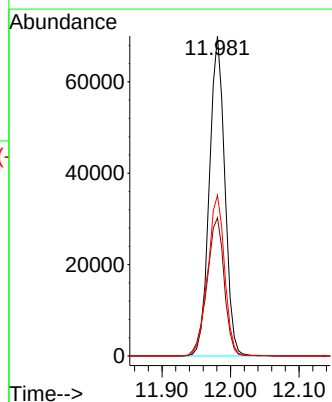
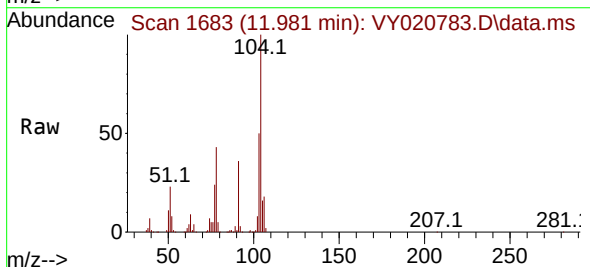
Tgt Ion:104 Resp: 109771

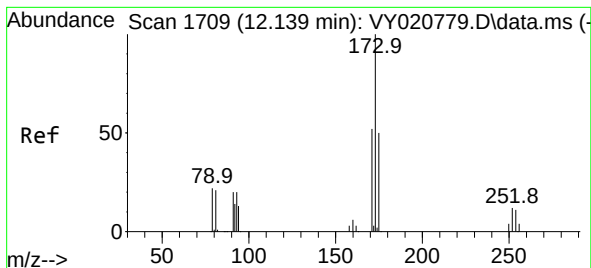
Ion Ratio Lower Upper

104 100

78 48.4 39.4 59.2

103 54.7 44.0 66.0





#71

Bromoform

Concen: 18.954 ug/l

RT: 12.146 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

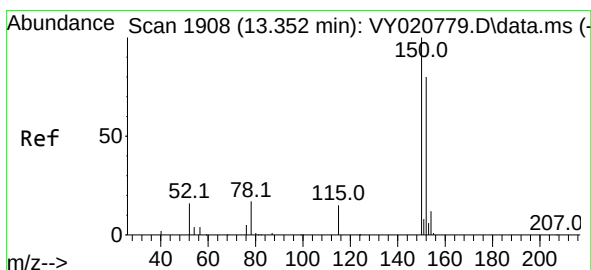
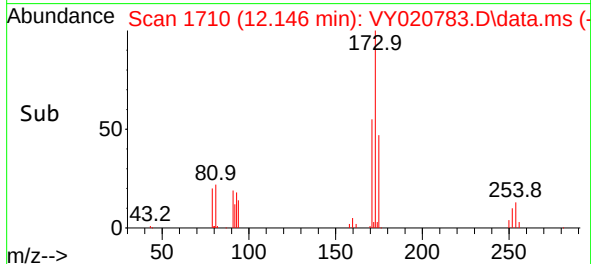
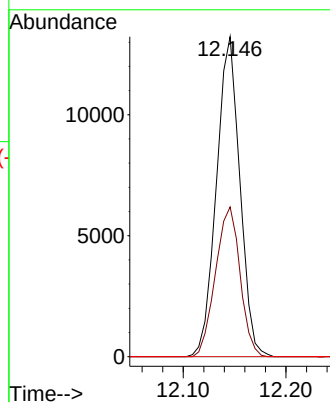
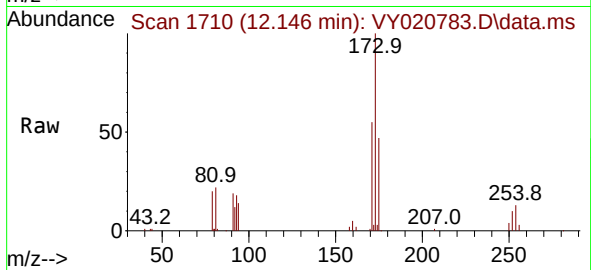
Tgt Ion:173 Resp: 20898

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

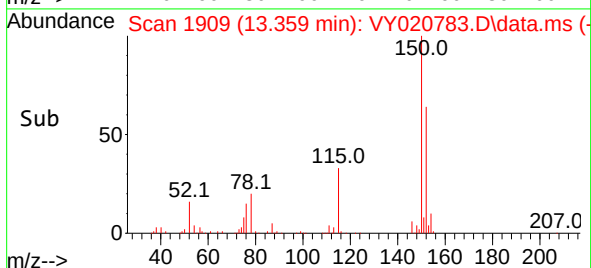
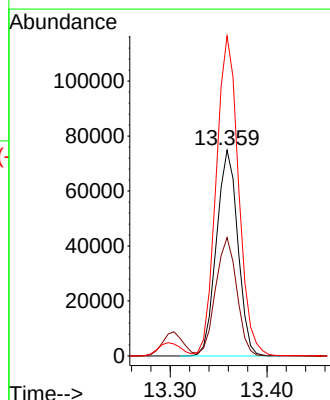
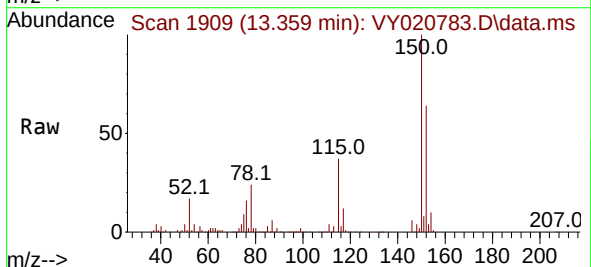
Tgt Ion:152 Resp: 114569

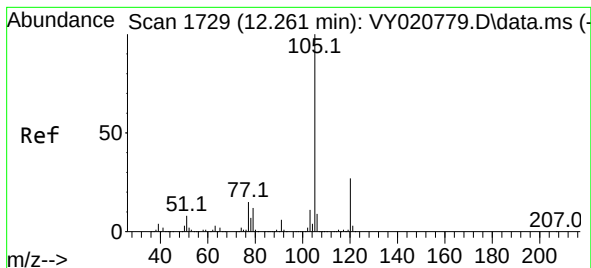
Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 163.3 0.0 347.4





#73

Isopropylbenzene

Concen: 19.959 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

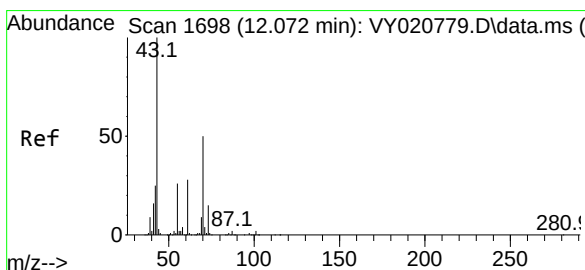
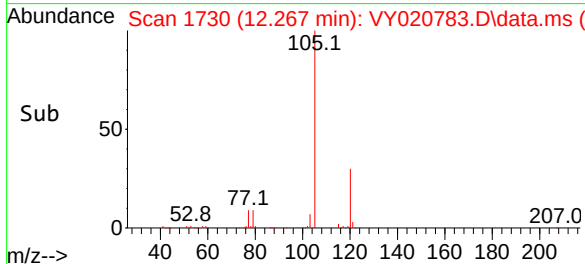
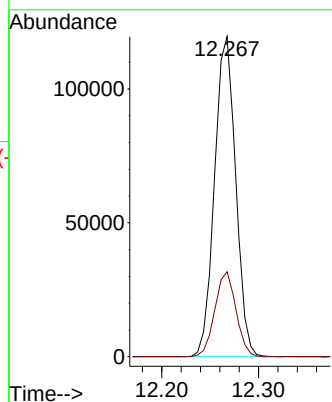
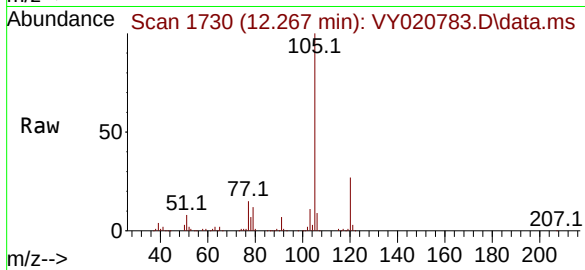
ClientSampleId :

Tgt Ion:105 Resp: 181404

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 18.994 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Tgt Ion: 43 Resp: 28239

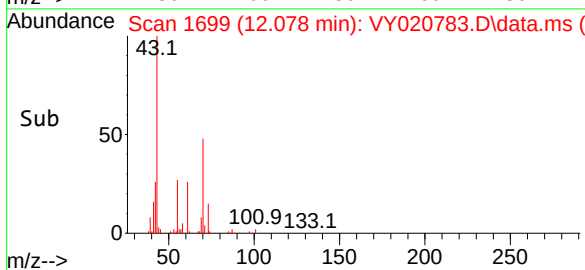
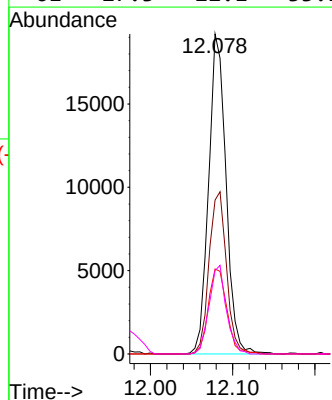
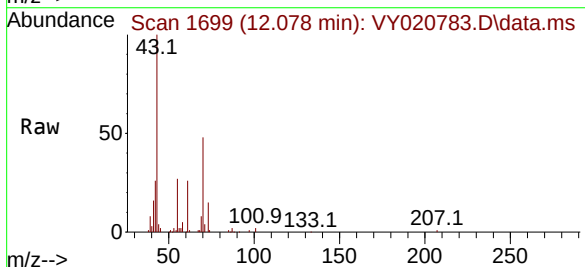
Ion Ratio Lower Upper

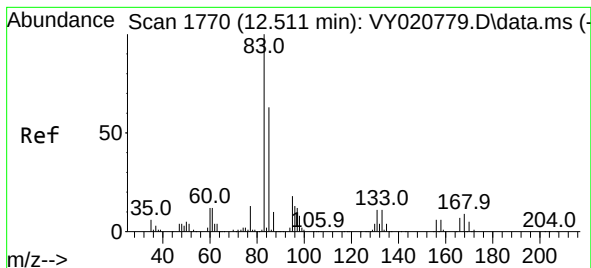
43 100

70 50.9 40.2 60.4

55 28.1 21.2 31.8

61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.940 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

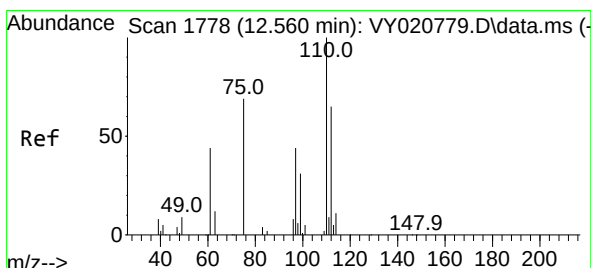
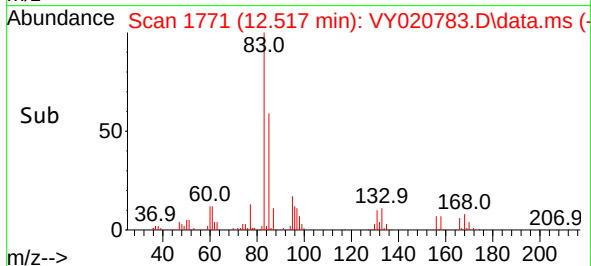
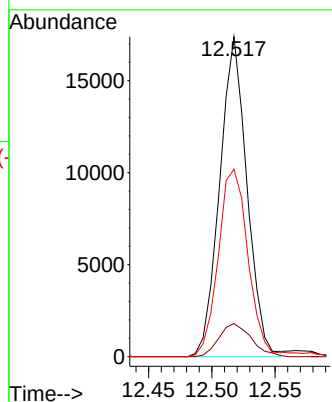
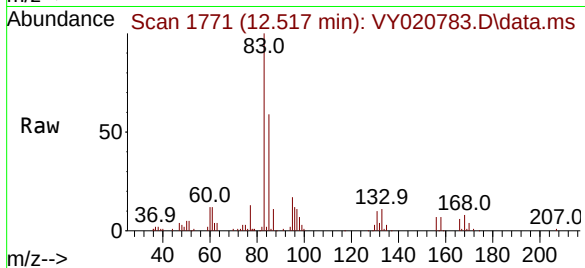
Tgt Ion: 83 Resp: 26091

Ion Ratio Lower Upper

83 100

131 12.2 6.0 18.0

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 34.692 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020783.D

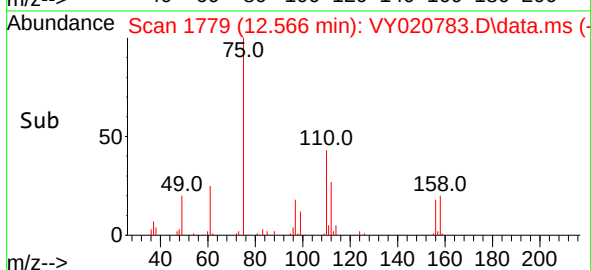
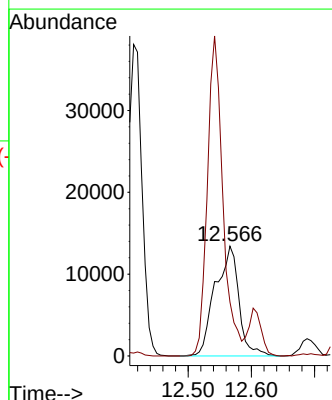
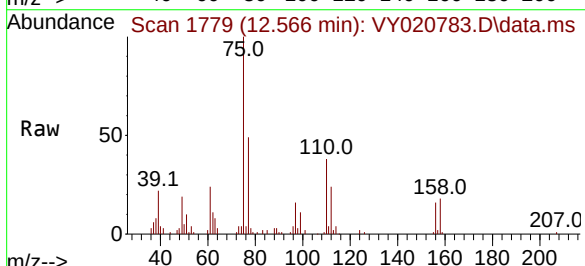
Acq: 06 Jan 2025 14:58

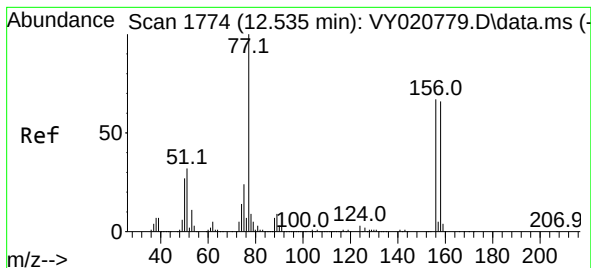
Tgt Ion: 75 Resp: 34777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.410 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

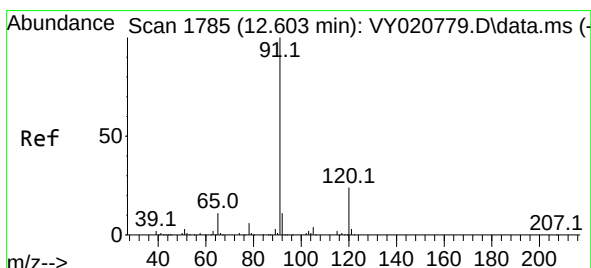
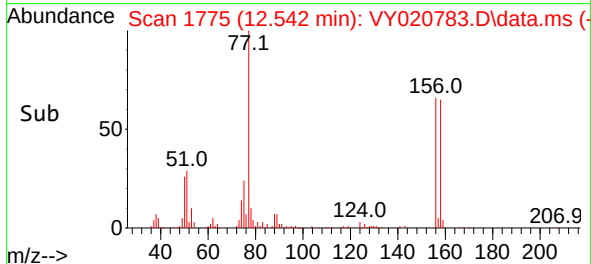
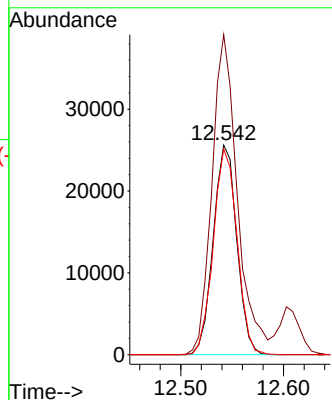
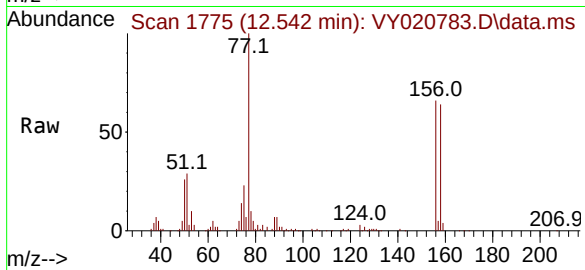
Tgt Ion:156 Resp: 40674

Ion Ratio Lower Upper

156 100

77 164.8 82.3 247.0

158 99.2 48.0 144.0



#78

n-propylbenzene

Concen: 20.360 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020783.D

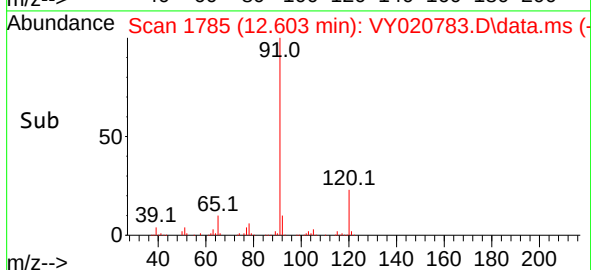
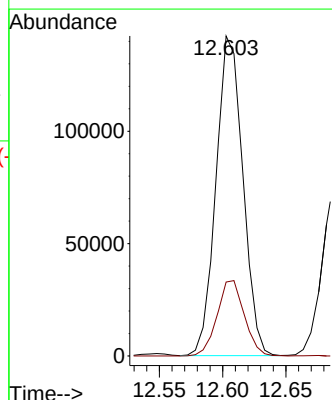
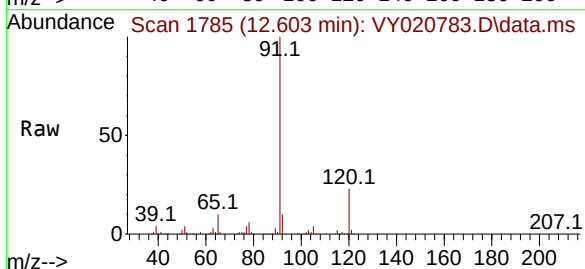
Acq: 06 Jan 2025 14:58

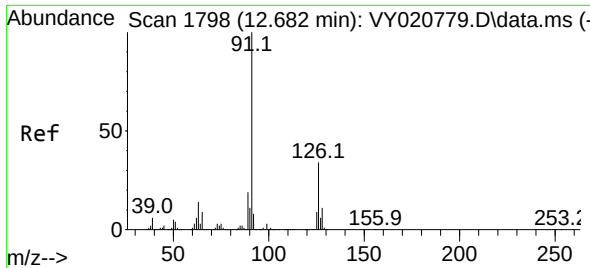
Tgt Ion: 91 Resp: 210043

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1

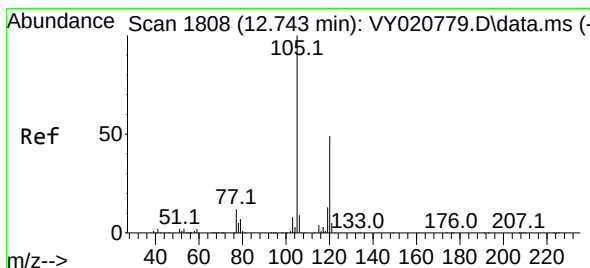
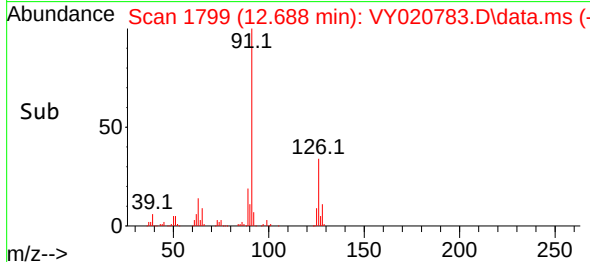
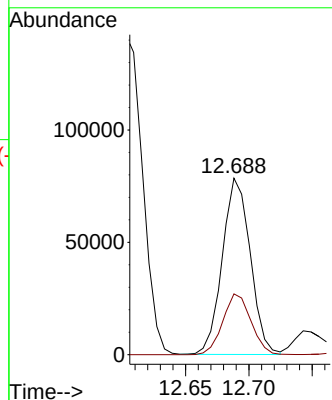
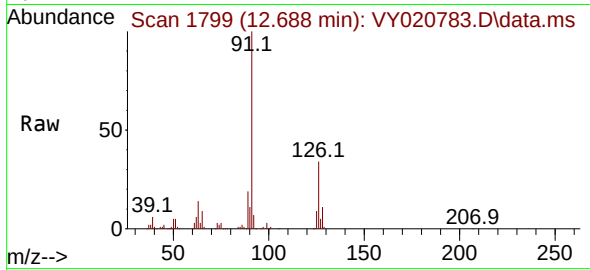




#79
2-Chlorotoluene
Concen: 20.315 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

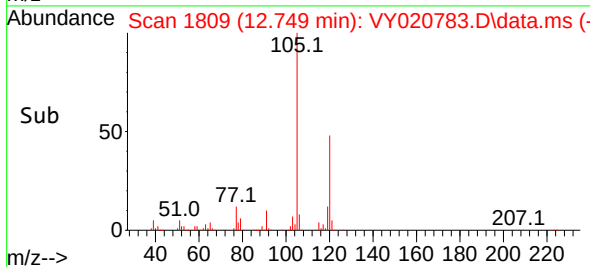
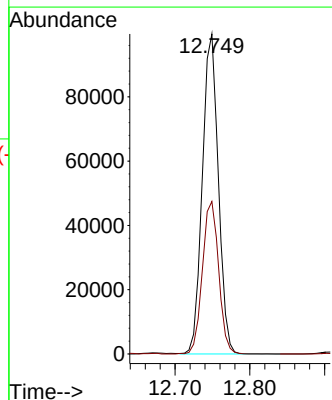
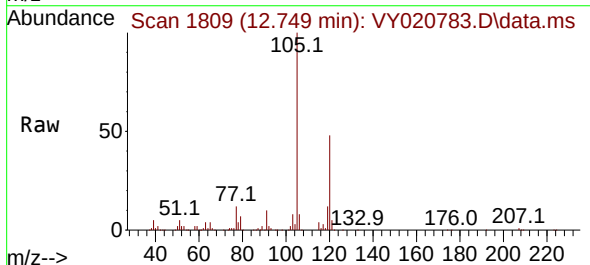
Instrument :
MSVOA_Y
ClientSampleId :

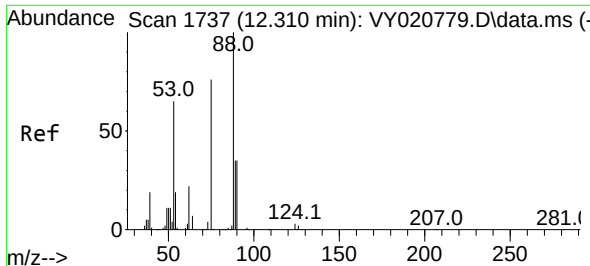
Tgt Ion: 91 Resp: 120688
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 20.088 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020783.D
Acq: 06 Jan 2025 14:58

Tgt Ion: 105 Resp: 147962
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5

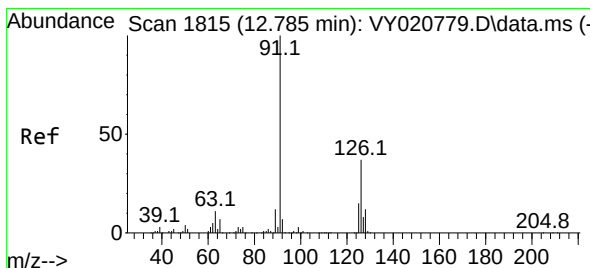
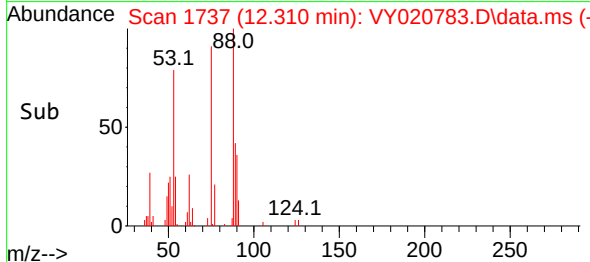
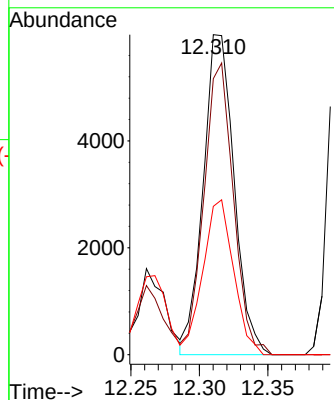
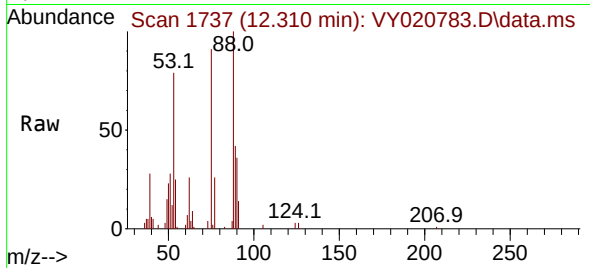




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.746 ug/l
 RT: 12.310 min Scan# 1737
 Delta R.T. 0.000 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

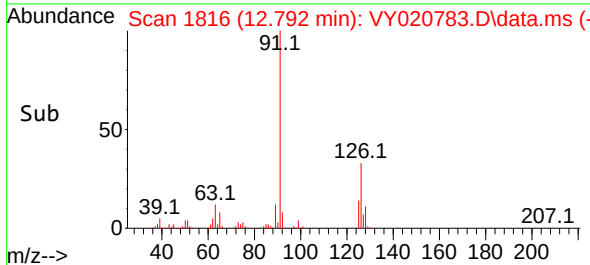
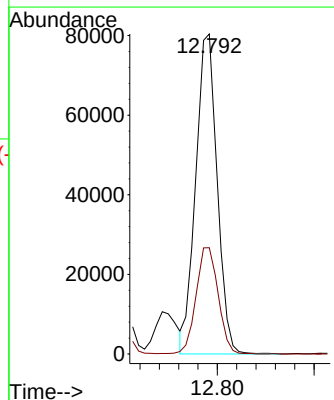
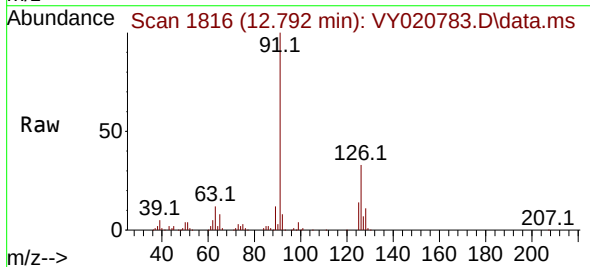
Instrument :
 MSVOA_Y
 ClientSampleId :

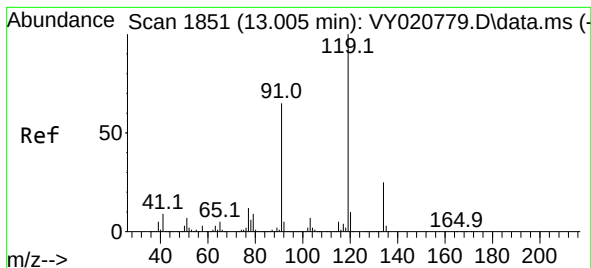
Tgt Ion: 75 Resp: 9388
 Ion Ratio Lower Upper
 75 100
 53 87.0 69.4 104.0
 89 48.2 39.6 59.4



#82
 4-Chlorotoluene
 Concen: 20.228 ug/l
 RT: 12.792 min Scan# 1816
 Delta R.T. 0.012 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

Tgt Ion: 91 Resp: 124019
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 51.7





#83

tert-Butylbenzene

Concen: 20.682 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

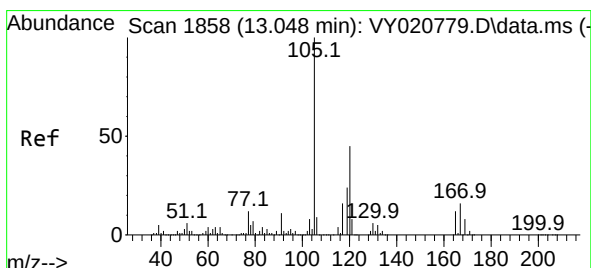
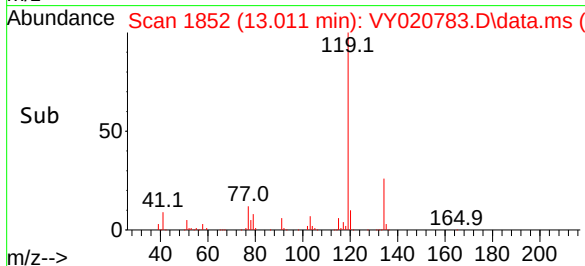
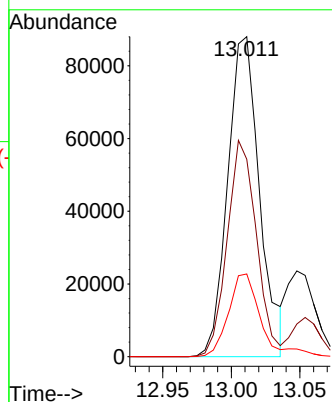
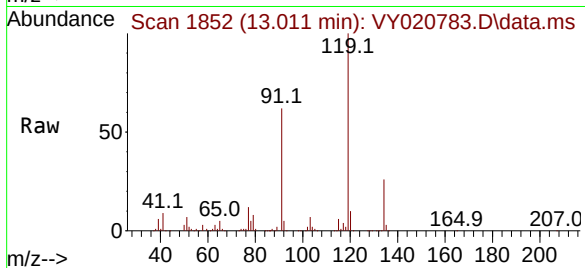
Tgt Ion:119 Resp: 142480

Ion Ratio Lower Upper

119 100

91 62.1 33.0 98.9

134 26.3 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 20.186 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020783.D

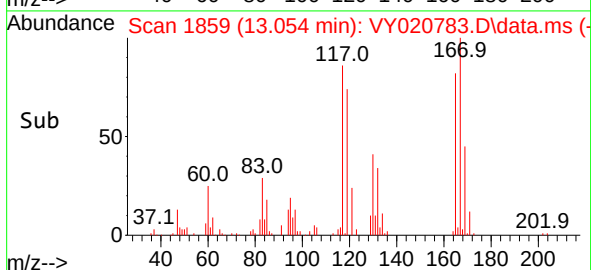
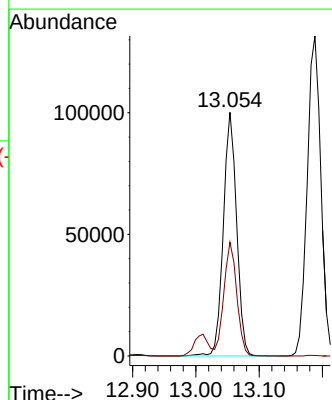
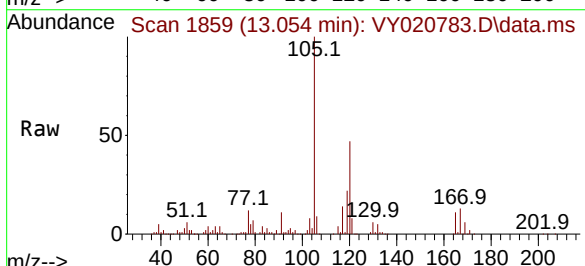
Acq: 06 Jan 2025 14:58

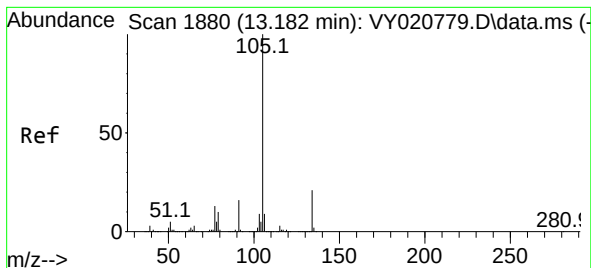
Tgt Ion:105 Resp: 145195

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.444 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

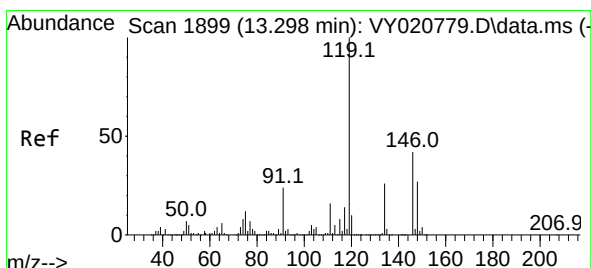
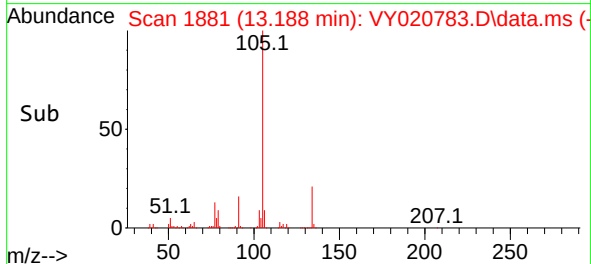
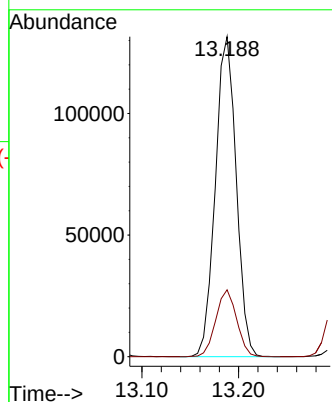
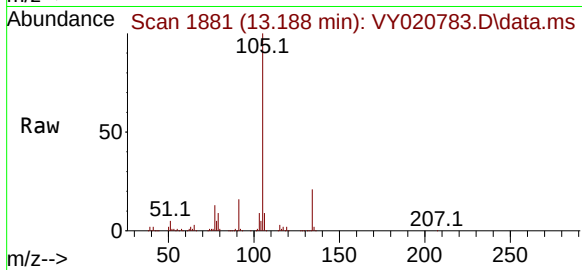
ClientSampleId :

Tgt Ion:105 Resp: 196730

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.593 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

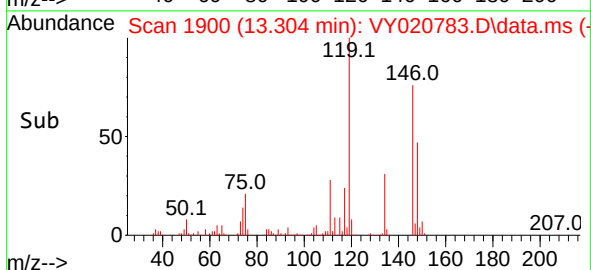
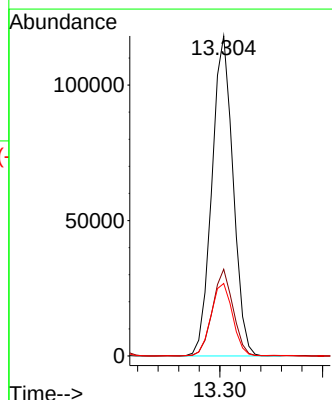
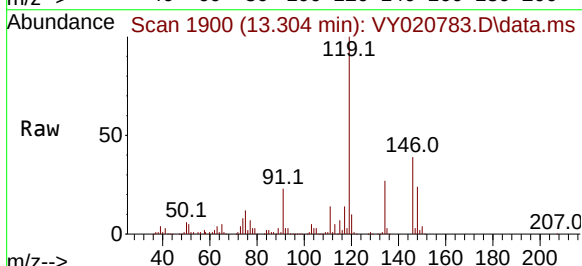
Tgt Ion:119 Resp: 169050

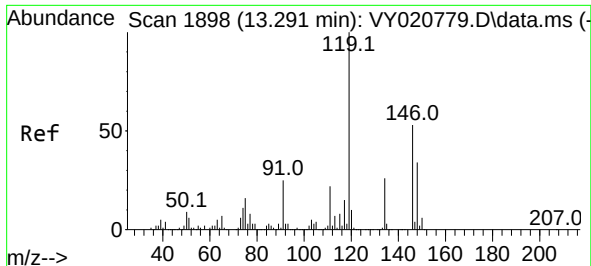
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 23.2 11.8 35.3

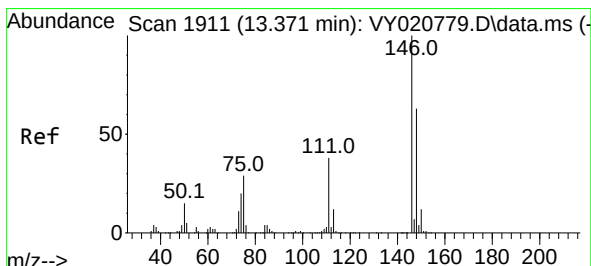
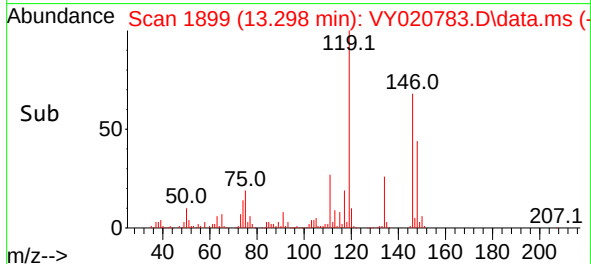
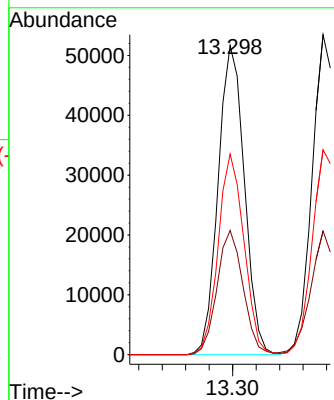
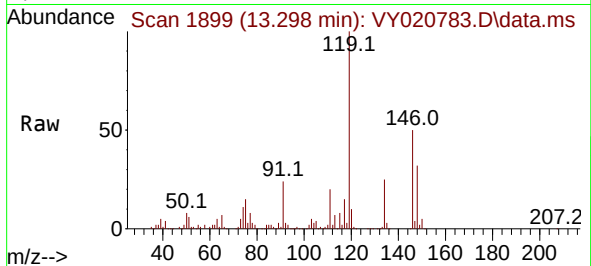




#87
 1,3-Dichlorobenzene
 Concen: 19.713 ug/l
 RT: 13.298 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

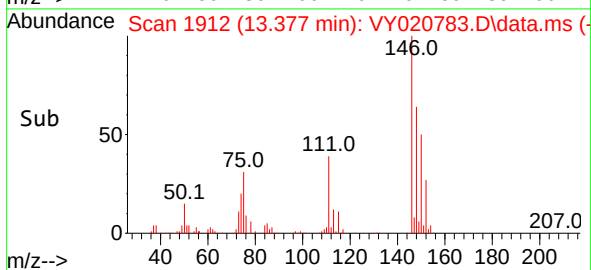
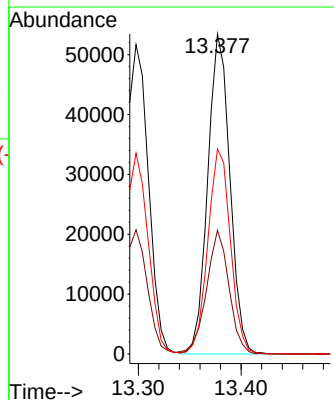
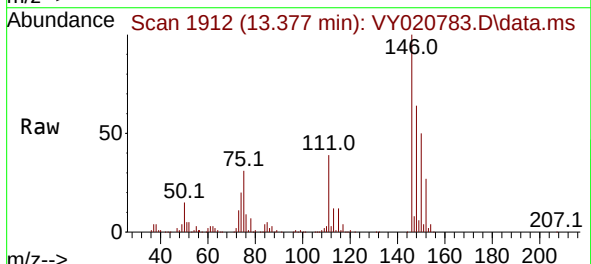
Instrument :
 MSVOA_Y
 ClientSampleId :

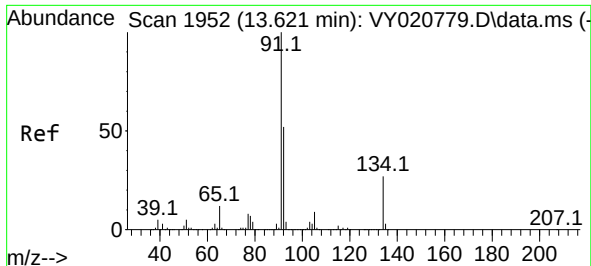
Tgt Ion:146 Resp: 80267
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.5 58.5
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.992 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

Tgt Ion:146 Resp: 80127
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.3
 148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.399 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

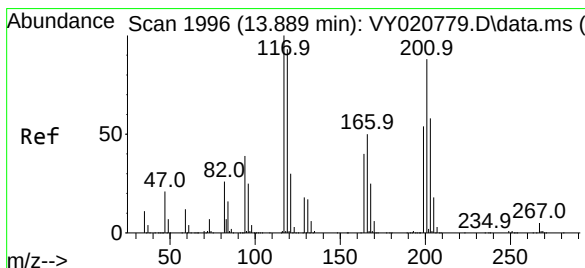
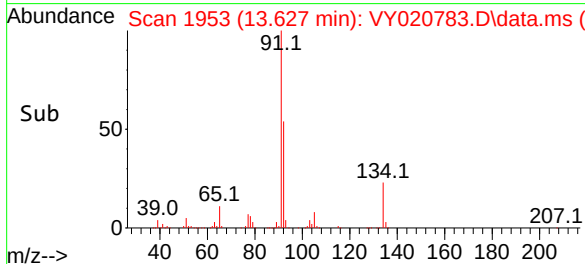
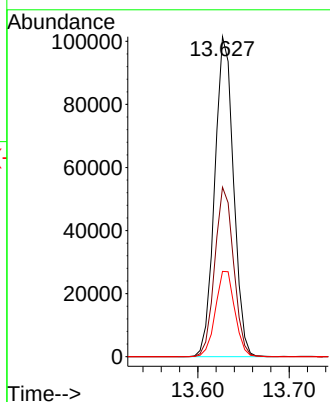
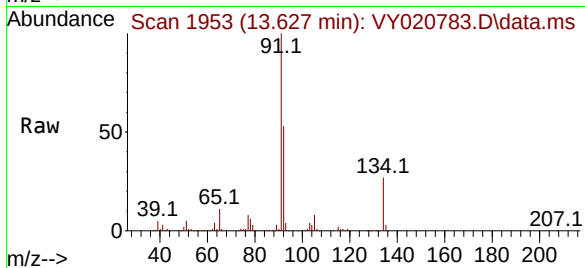
Tgt Ion: 91 Resp: 145271

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.4

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 19.785 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020783.D

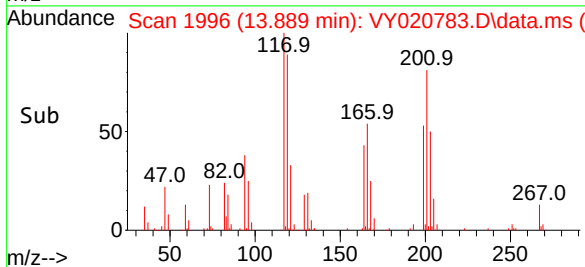
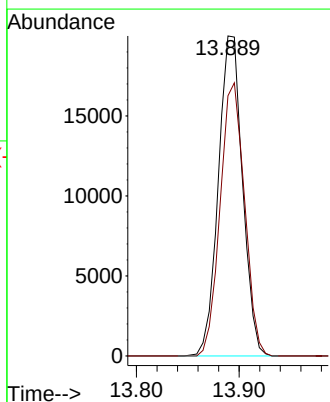
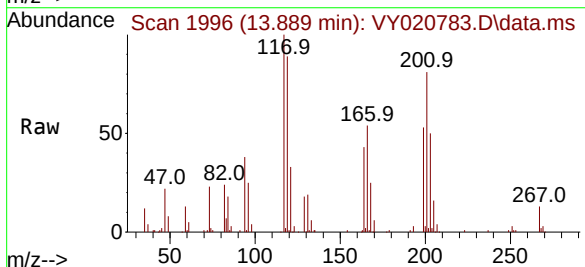
Acq: 06 Jan 2025 14:58

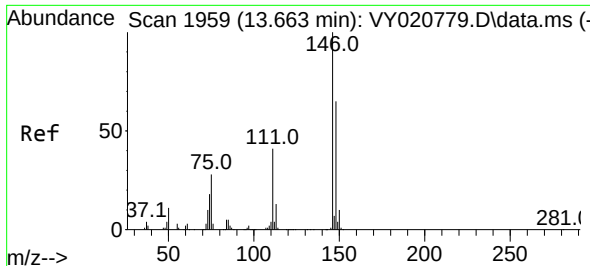
Tgt Ion: 117 Resp: 32612

Ion Ratio Lower Upper

117 100

201 86.1 42.9 128.7

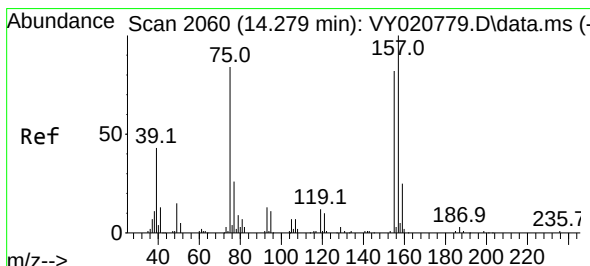
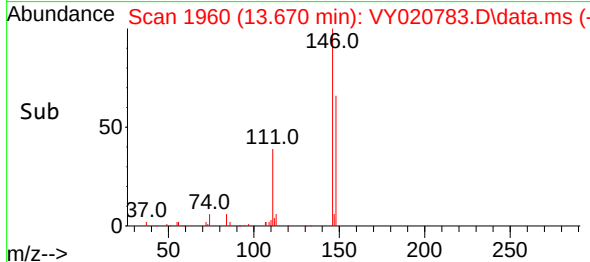
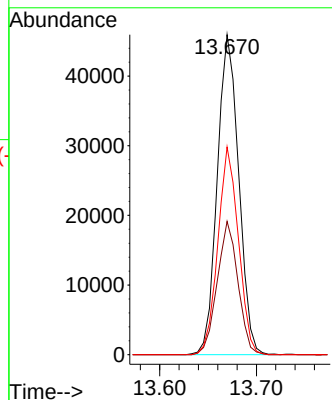
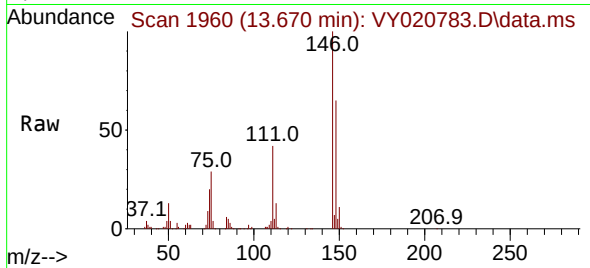




#91
 1,2-Dichlorobenzene
 Concen: 19.829 ug/l
 RT: 13.670 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

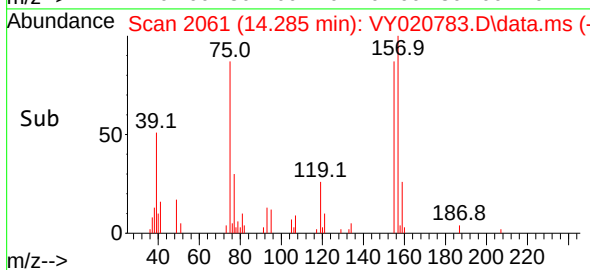
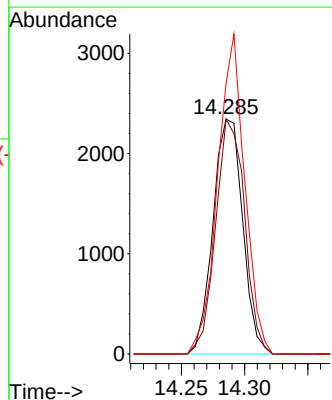
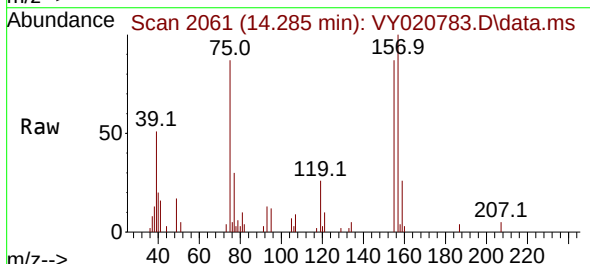
Instrument :
 MSVOA_Y
 ClientSampleId :

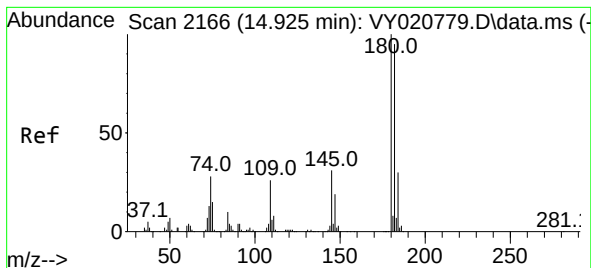
Tgt Ion:146 Resp: 70592
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 62.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.141 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.006 min
 Lab File: VY020783.D
 Acq: 06 Jan 2025 14:58

Tgt Ion: 75 Resp: 3818
 Ion Ratio Lower Upper
 75 100
 155 97.5 45.5 136.5
 157 124.3 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 20.096 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

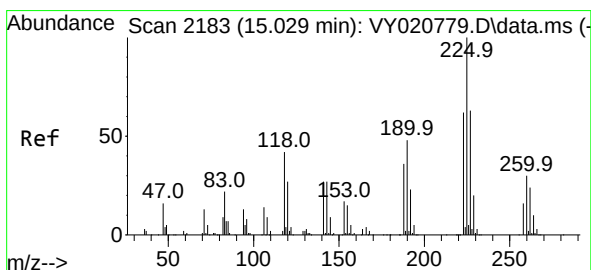
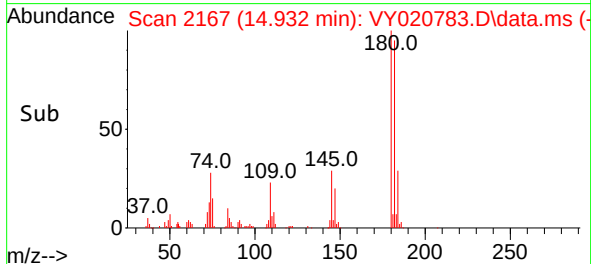
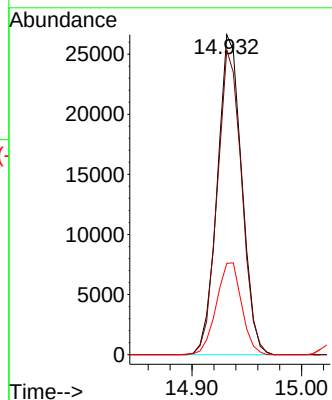
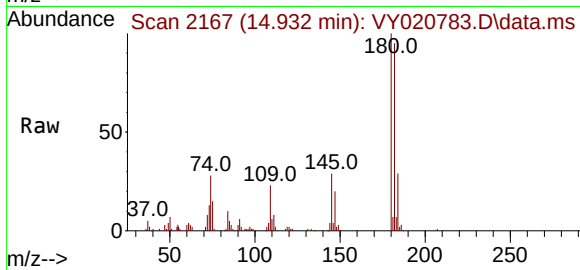
Tgt Ion:180 Resp: 41174

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 29.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 20.798 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

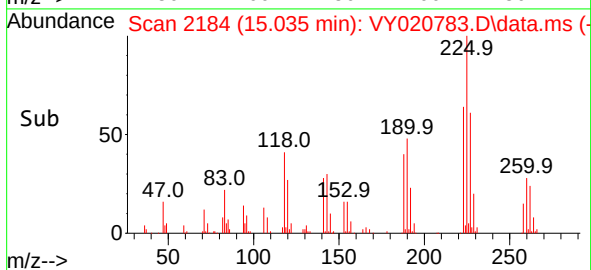
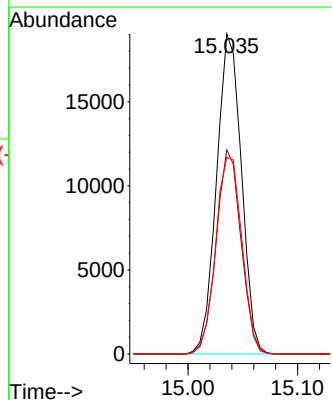
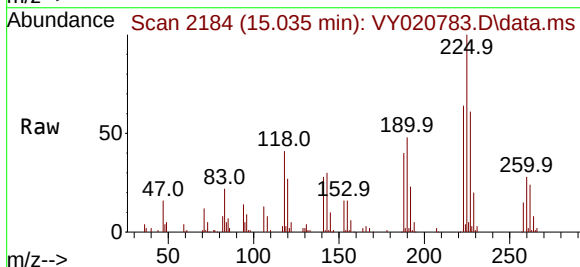
Tgt Ion:225 Resp: 30040

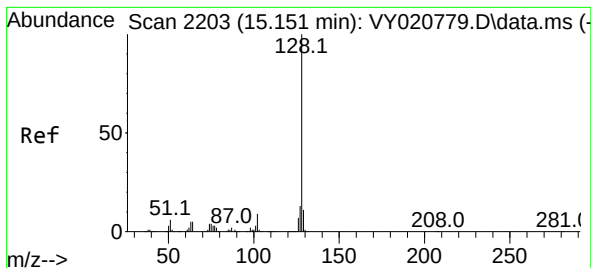
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 65.1 32.2 96.6





#95

Naphthalene

Concen: 18.749 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020783.D

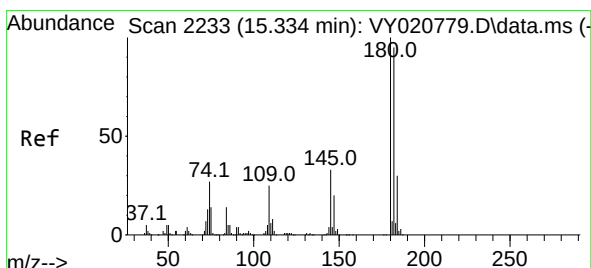
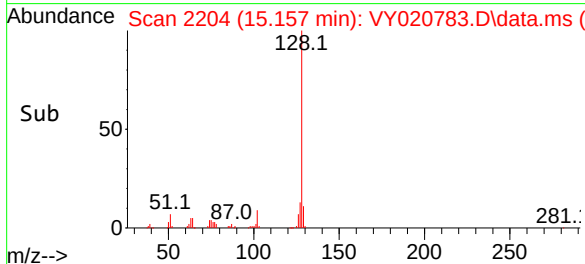
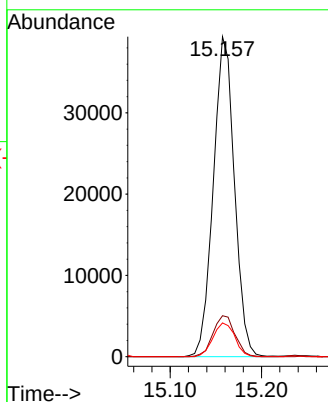
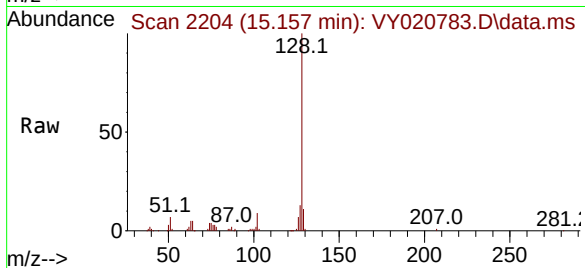
Acq: 06 Jan 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 63222
Ion Ratio	Lower Upper
128	100
127	13.4 10.5 15.7
129	10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.882 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY020783.D

Acq: 06 Jan 2025 14:58

Tgt Ion:180	Resp: 34128
Ion Ratio	Lower Upper
180	100
182	93.0 48.1 144.3
145	32.8 16.1 48.2

