

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020779.D
 Acq On : 06 Jan 2025 11:31
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 01:06:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 00:58:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	176020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	258104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	215680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	103466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	220870	147.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 295.260%#	
35) Dibromofluoromethane	7.640	113	229255	141.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 283.560%#	
50) Toluene-d8	10.109	98	877140	155.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 311.220%#	
62) 4-Bromofluorobenzene	12.414	95	290862	139.730	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 279.460%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	179090	138.636	ug/l	99
3) Chloromethane	2.074	50	95919	141.021	ug/l	99
4) Vinyl Chloride	2.208	62	109209	144.433	ug/l	99
5) Bromomethane	2.592	94	75859	140.858	ug/l	100
6) Chloroethane	2.738	64	68331	146.532	ug/l	100
7) Trichlorofluoromethane	3.068	101	332694	143.361	ug/l	95
8) Diethyl Ether	3.458	74	102973	141.892	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	223863	142.847	ug/l	100
10) Methyl Iodide	4.013	142	253546	150.969	ug/l	99
11) Tert butyl alcohol	4.866	59	68676	607.483	ug/l	99
12) 1,1-Dichloroethene	3.799	96	202799	147.742	ug/l	97
13) Acrolein	3.665	56	12628	397.759	ug/l	96
14) Allyl chloride	4.391	41	286947	144.898	ug/l	98
15) Acrylonitrile	5.061	53	215031	697.179	ug/l	99
16) Acetone	3.872	43	143850	676.145	ug/l	100
17) Carbon Disulfide	4.110	76	461778	155.074	ug/l	98
18) Methyl Acetate	4.397	43	101645	141.498	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	538464	139.000	ug/l	99
20) Methylene Chloride	4.628	84	205658	139.973	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	218119	144.296	ug/l	96
22) Diisopropyl ether	6.031	45	576134	136.572	ug/l	98
23) Vinyl Acetate	5.963	43	1623770	698.099	ug/l	99
24) 1,1-Dichloroethane	5.921	63	392807	141.133	ug/l	99
25) 2-Butanone	6.902	43	237724	680.226	ug/l	94
26) 2,2-Dichloropropane	6.896	77	403400	139.597	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	269985	141.561	ug/l	99
28) Bromochloromethane	7.250	49	116889	155.640	ug/l #	4
29) Tetrahydrofuran	7.268	42	155348	695.859	ug/l	99
30) Chloroform	7.427	83	439618	138.506	ug/l	100
31) Cyclohexane	7.707	56	293904	135.004	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	434628	140.384	ug/l	99
36) 1,1-Dichloropropene	7.841	75	294743	142.907	ug/l	99
37) Ethyl Acetate	6.994	43	112056	136.527	ug/l	100
38) Carbon Tetrachloride	7.823	117	413318	143.964	ug/l	99
39) Methylcyclohexane	9.115	83	375883	148.517	ug/l	99
40) Benzene	8.085	78	897609	141.802	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	69667	148.209	ug/l	97
42) 1,2-Dichloroethane	8.164	62	244272	141.307	ug/l	100
43) Isopropyl Acetate	8.201	43	234448	140.438	ug/l	100
44) Trichloroethene	8.872	130	251295	142.409	ug/l	99
45) 1,2-Dichloropropane	9.146	63	200102	139.441	ug/l	98
46) Dibromomethane	9.237	93	116895	141.855	ug/l	99
47) Bromodichloromethane	9.426	83	333620	141.363	ug/l	99
48) Methyl methacrylate	9.225	41	112030	149.689	ug/l	99
49) 1,4-Dioxane	9.231	88	25586	2924.386	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	575707	690.288	ug/l	99
52) Toluene	10.176	92	598309	142.736	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	308170	146.816	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	349922	143.543	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	162615	138.130	ug/l	97
56) Ethyl methacrylate	10.444	69	225277	151.521	ug/l	97
57) 1,3-Dichloropropane	10.719	76	269394	140.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	431083	730.874	ug/l	99
59) 2-Hexanone	10.761	43	384601	718.804	ug/l	99
60) Dibromochloromethane	10.914	129	238921	139.932	ug/l	99
61) 1,2-Dibromoethane	11.017	107	149961	141.887	ug/l	99
64) Tetrachloroethene	10.652	164	225333	142.102	ug/l	97
65) Chlorobenzene	11.444	112	673005	141.131	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	250790	138.147	ug/l	99
67) Ethyl Benzene	11.523	91	1182671	143.248	ug/l	99
68) m/p-Xylenes	11.633	106	898303	282.599	ug/l	99
69) o-Xylene	11.962	106	427379	141.802	ug/l	99
70) Styrene	11.975	104	718912	141.702	ug/l	99
71) Bromoform	12.139	173	143825	139.365	ug/l #	100
73) Isopropylbenzene	12.261	105	1162180	141.588	ug/l	100
74) N-amyl acetate	12.072	43	200018	148.973	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	169153	135.968	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	229324	250.392	ug/l #	100
77) Bromobenzene	12.535	156	267760	141.489	ug/l	98
78) n-propylbenzene	12.603	91	1326411	142.370	ug/l	99
79) 2-Chlorotoluene	12.682	91	756633	141.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	938162	141.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	62079	144.587	ug/l	99
82) 4-Chlorotoluene	12.785	91	771706	139.378	ug/l	99
83) tert-Butylbenzene	13.005	119	891773	143.335	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	920950	141.774	ug/l	100
85) sec-Butylbenzene	13.182	105	1224969	140.959	ug/l	99
86) p-Isopropyltoluene	13.298	119	1058709	142.810	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	509985	138.692	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	501273	138.489	ug/l	99
89) n-Butylbenzene	13.621	91	938173	145.872	ug/l	99
90) Hexachloroethane	13.889	117	212012	142.425	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	442265	137.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29151	144.919	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	299677	161.964	ug/l	99
94) Hexachlorobutadiene	15.029	225	201708	154.638	ug/l	100
95) Naphthalene	15.151	128	509646	167.358	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	253691	163.656	ug/l	98

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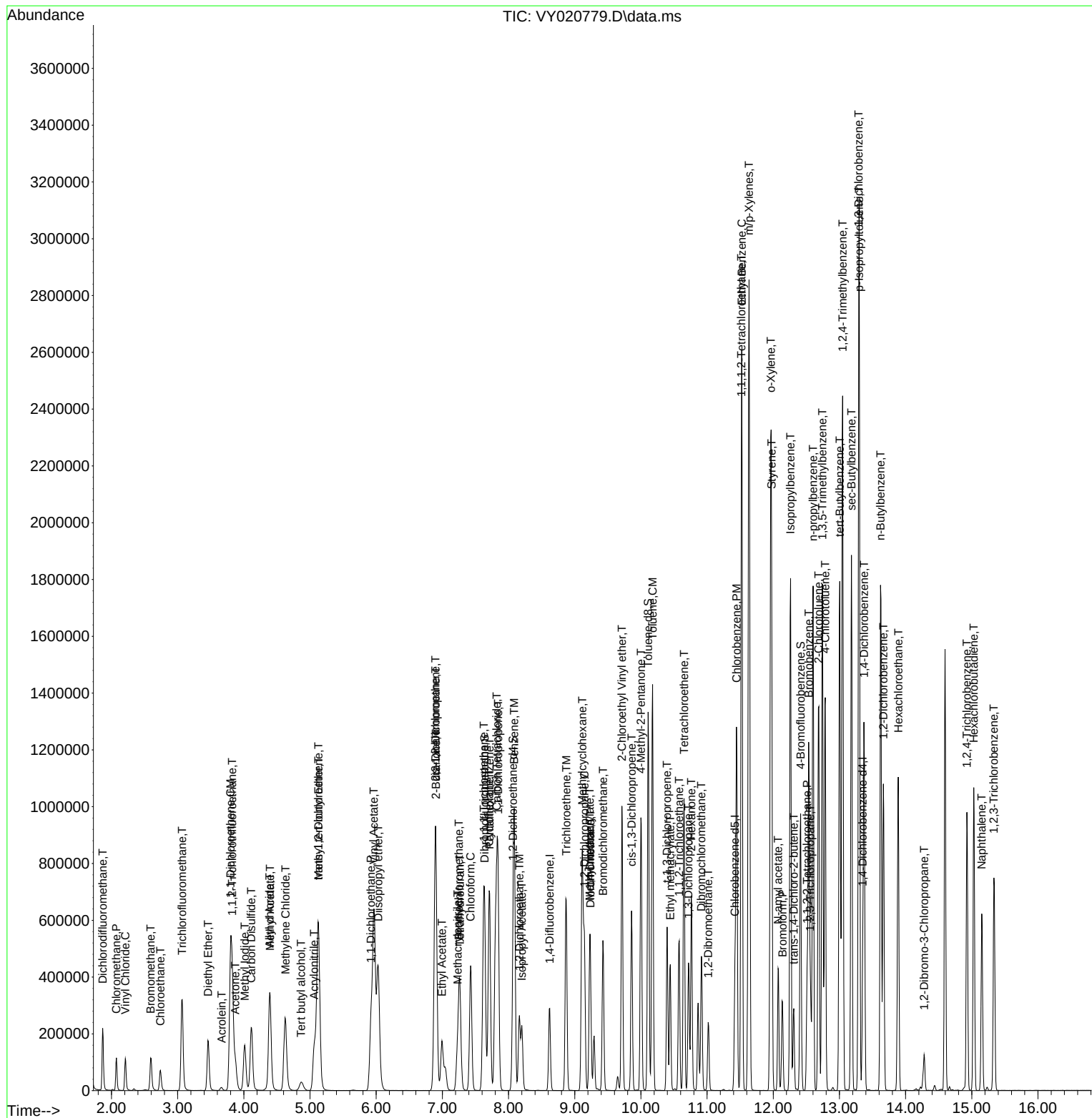
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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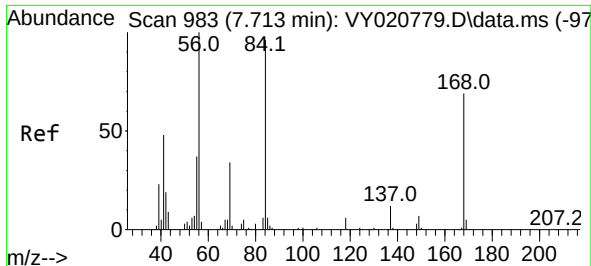
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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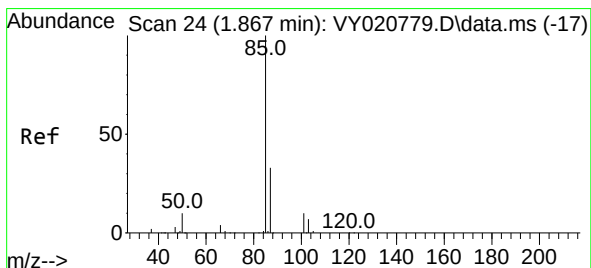
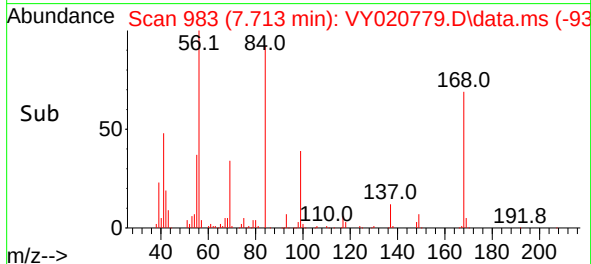
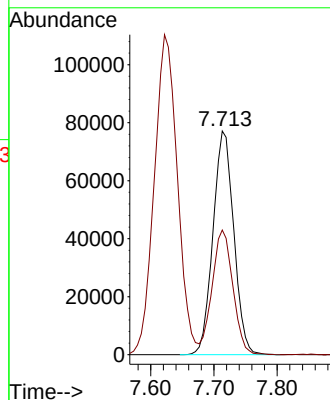
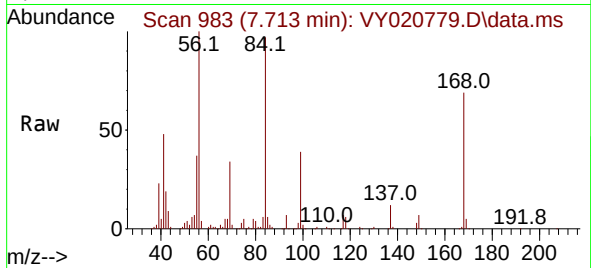




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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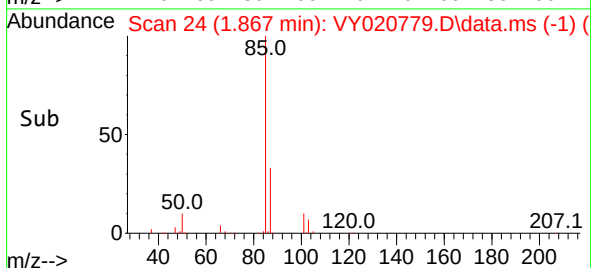
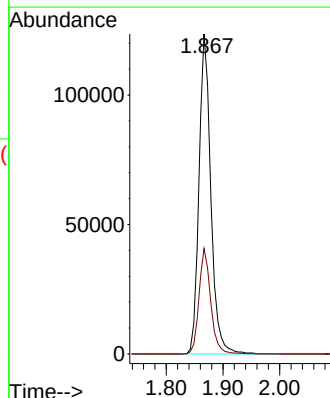
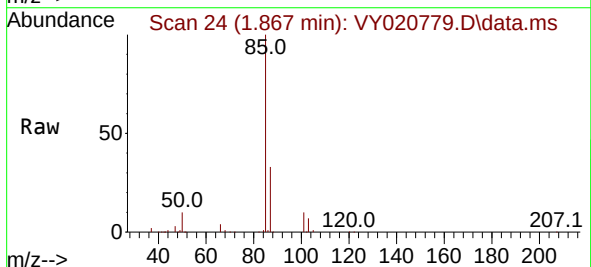
Instrument :
MSVOA_Y
ClientSampleId :

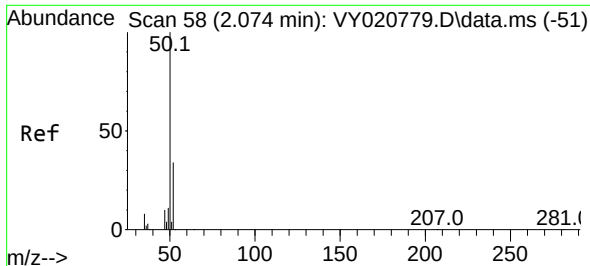
Tgt Ion:168 Resp: 176020
Ion Ratio Lower Upper
168 100
99 55.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 138.636 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 85 Resp: 179090
Ion Ratio Lower Upper
85 100
87 32.9 16.9 50.6

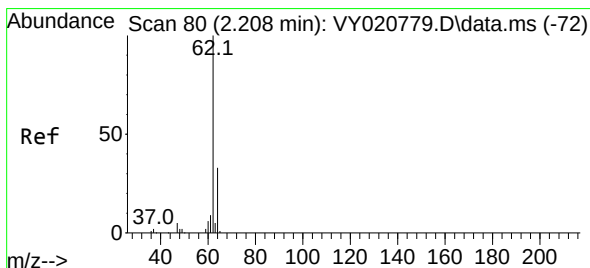
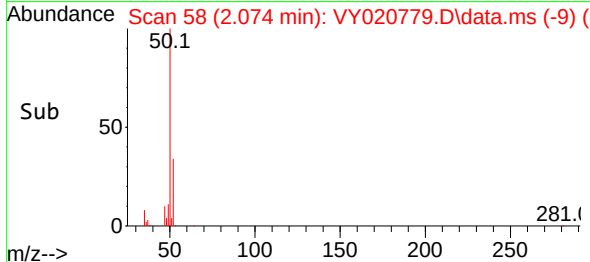
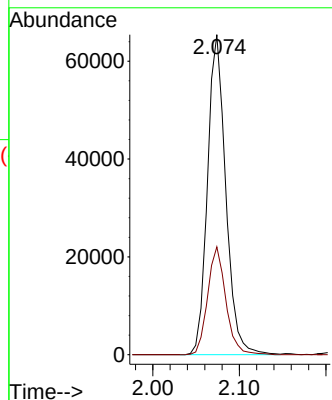
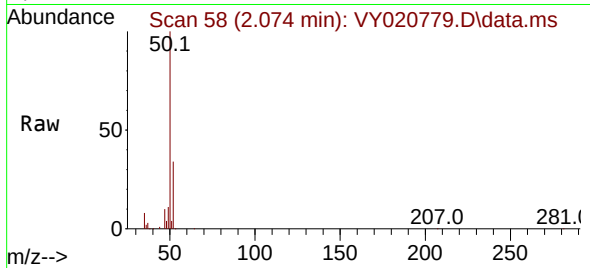




#3
Chloromethane
Concen: 141.021 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

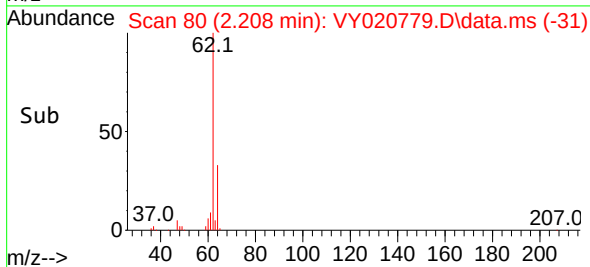
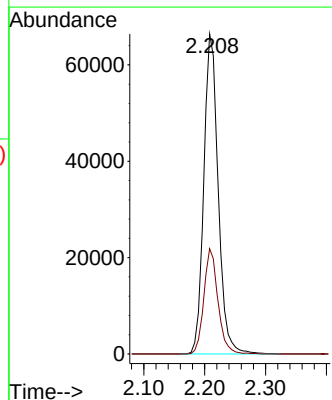
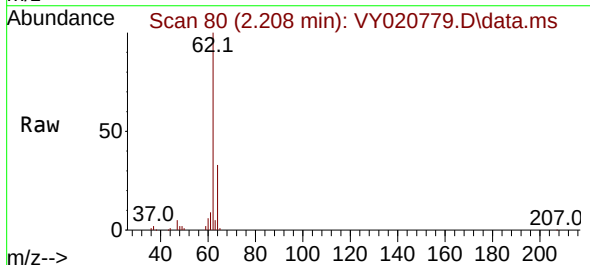
Instrument :
MSVOA_Y
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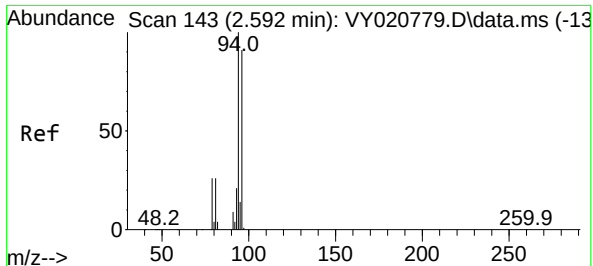
Tgt Ion: 50 Resp: 95919
Ion Ratio Lower Upper
50 100
52 33.7 27.3 40.9



#4
Vinyl Chloride
Concen: 144.433 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 62 Resp: 109209
Ion Ratio Lower Upper
62 100
64 32.9 26.6 39.8

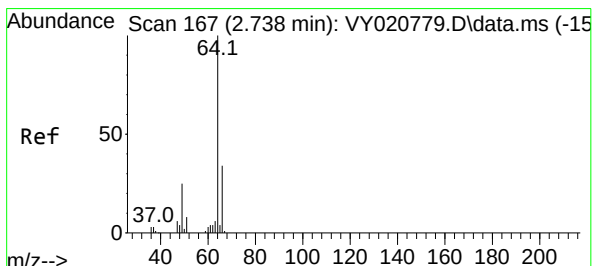
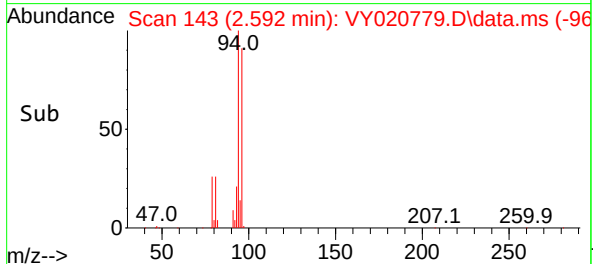
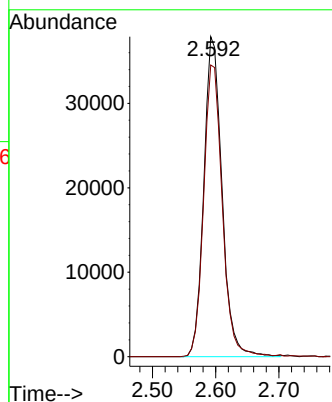
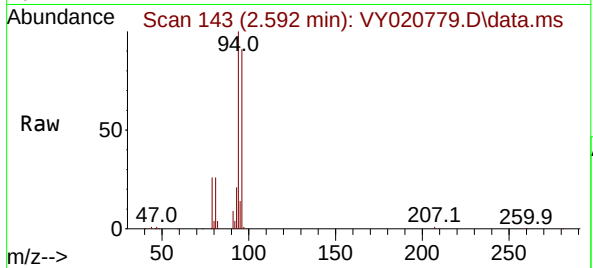




#5
Bromomethane
Concen: 140.858 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.012 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

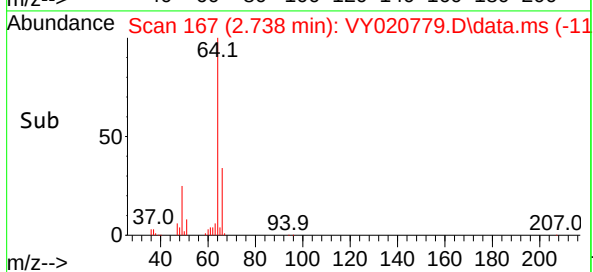
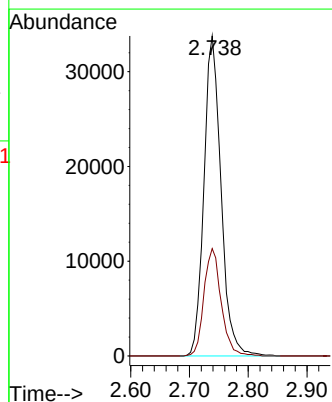
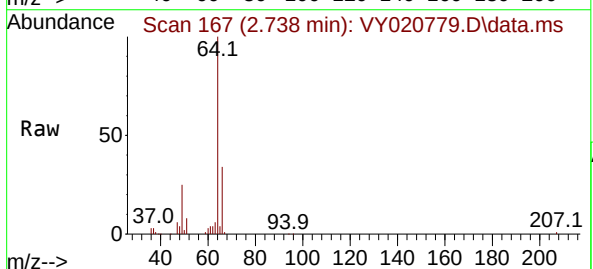
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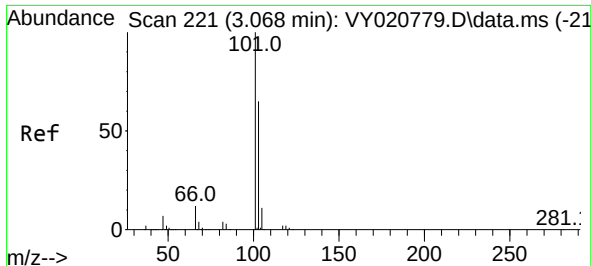
Tgt Ion: 94 Resp: 75859
Ion Ratio Lower Upper
94 100
96 91.2 72.6 109.0



#6
Chloroethane
Concen: 146.532 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 64 Resp: 68331
Ion Ratio Lower Upper
64 100
66 33.5 26.9 40.3

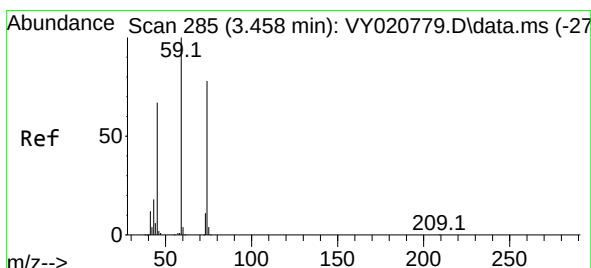
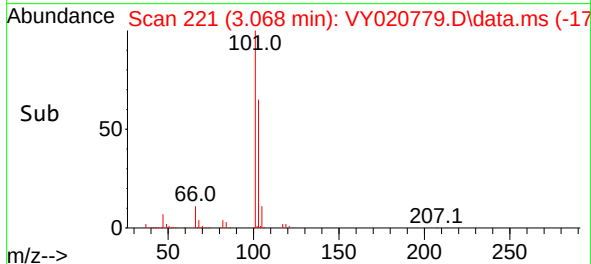
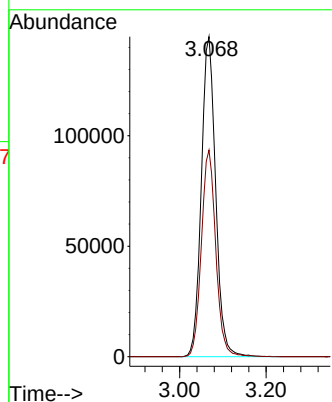
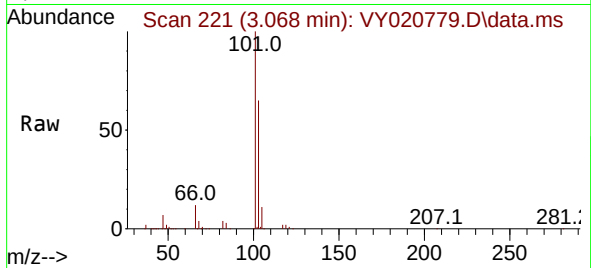




#7
 Trichlorofluoromethane
 Concen: 143.361 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY020779.D
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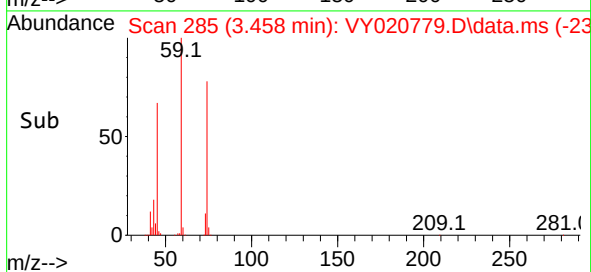
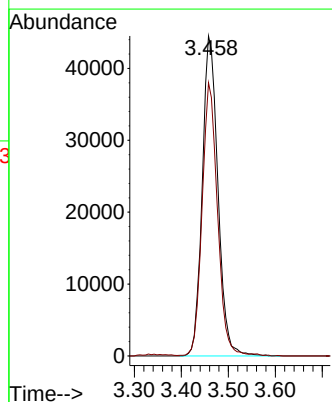
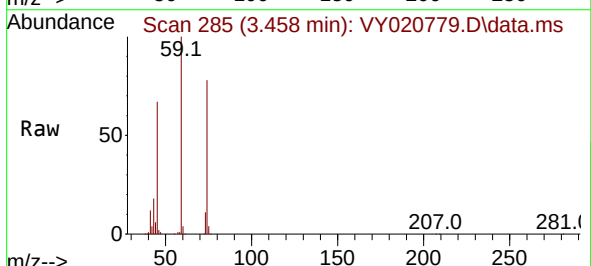
Instrument :
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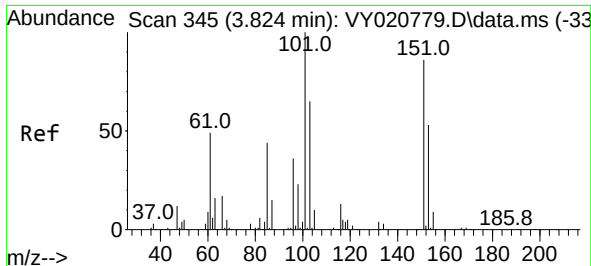
Tgt Ion:101 Resp: 332694
 Ion Ratio Lower Upper
 101 100
 103 64.6 54.6 82.0



#8
 Diethyl Ether
 Concen: 141.892 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 102973
 Ion Ratio Lower Upper
 74 100
 45 83.3 41.3 124.1

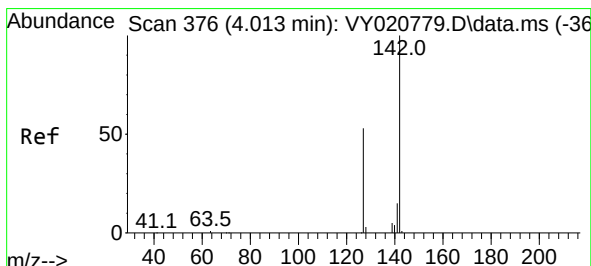
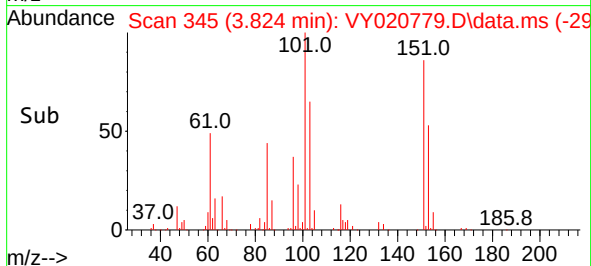
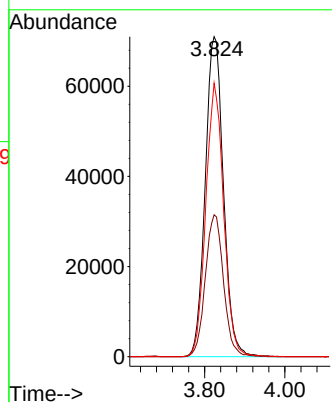
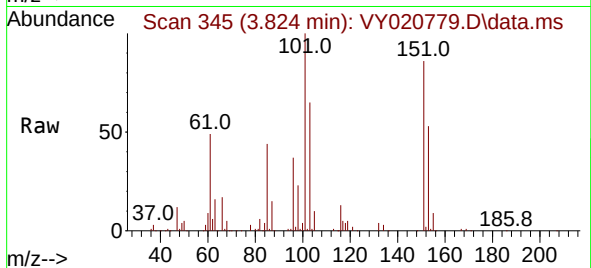




#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.847 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

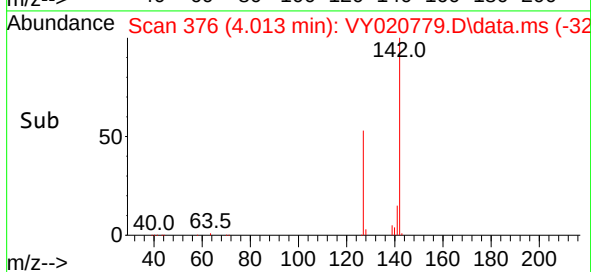
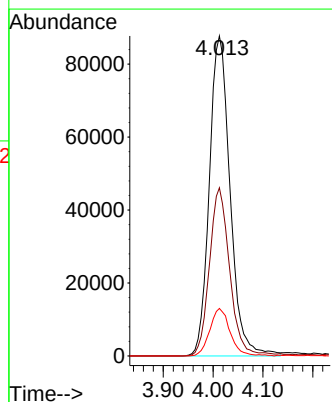
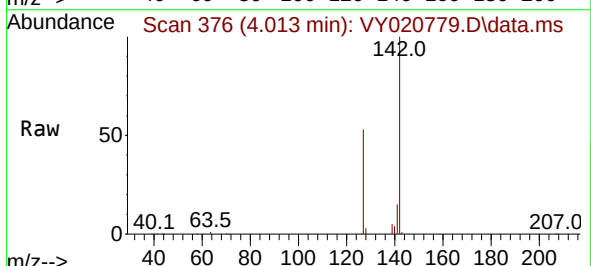
Instrument :
MSVOA_Y
ClientSampleId :

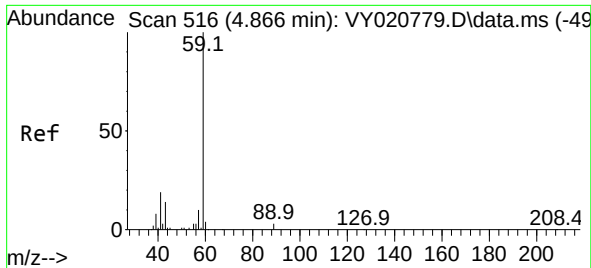
Tgt Ion:101 Resp: 223863
Ion Ratio Lower Upper
101 100
85 44.3 35.9 53.9
151 83.8 66.9 100.3



#10
Methyl Iodide
Concen: 150.969 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:142 Resp: 253546
Ion Ratio Lower Upper
142 100
127 51.8 41.0 61.6
141 14.6 11.6 17.4

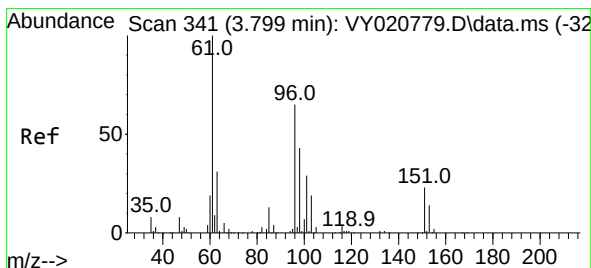
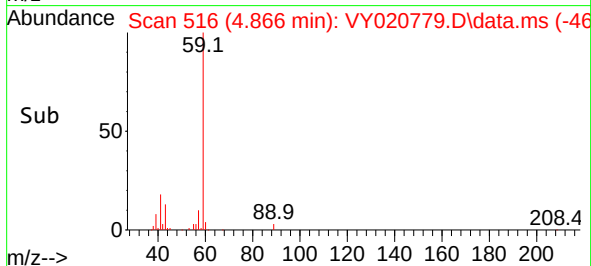
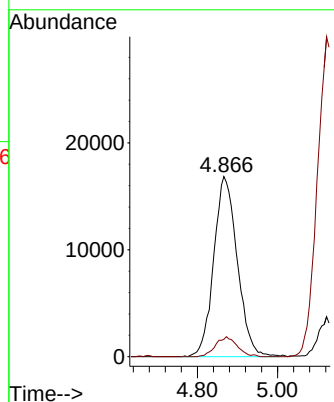
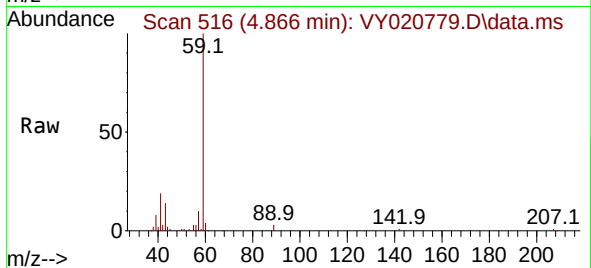




#11
Tert butyl alcohol
Concen: 607.483 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

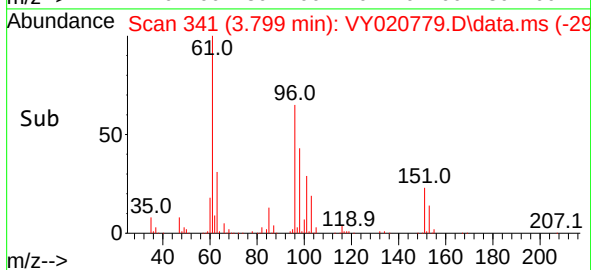
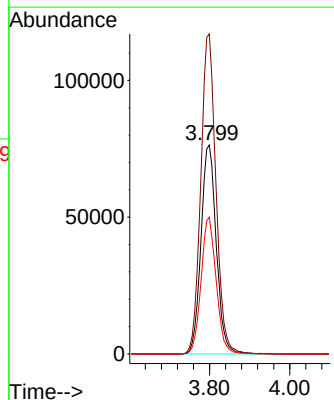
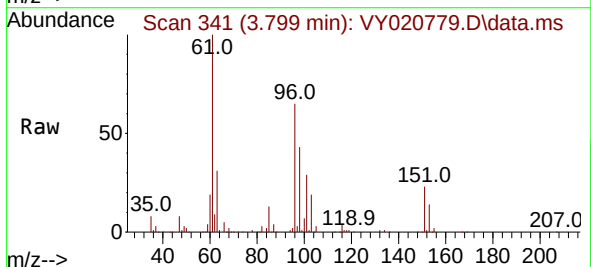
Instrument :
MSVOA_Y
ClientSampleId :

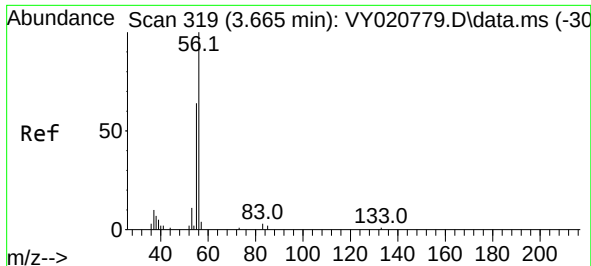
Tgt Ion: 59 Resp: 68676
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 147.742 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 96 Resp: 202799
Ion Ratio Lower Upper
96 100
61 153.2 117.8 176.8
98 65.5 51.9 77.9





#13

Acrolein

Concen: 397.759 ug/l

RT: 3.665 min Scan# 319

Delta R.T. 0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

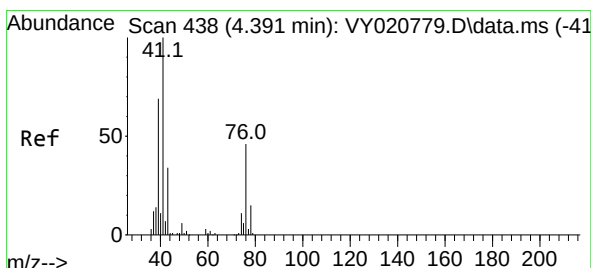
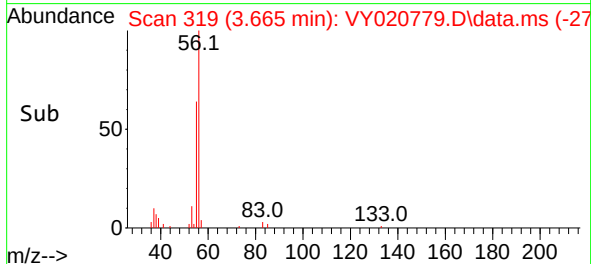
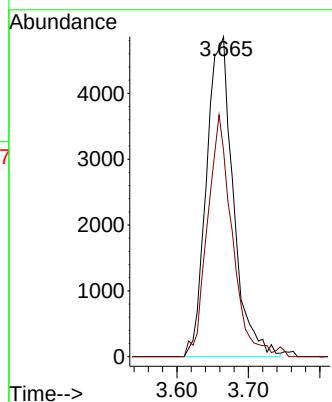
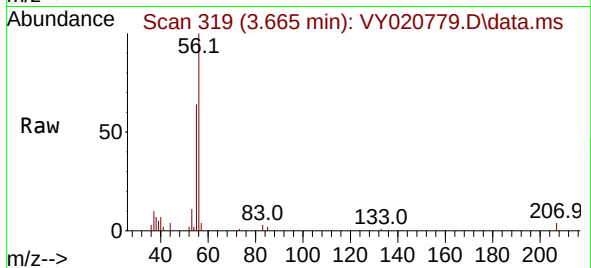
ClientSampleId :

Tgt Ion: 56 Resp: 12628

Ion Ratio Lower Upper

56 100

55 69.5 58.1 87.1



#14

Allyl chloride

Concen: 144.898 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

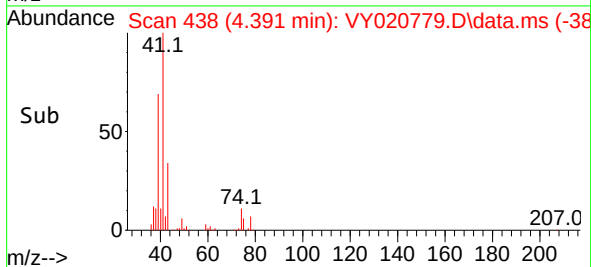
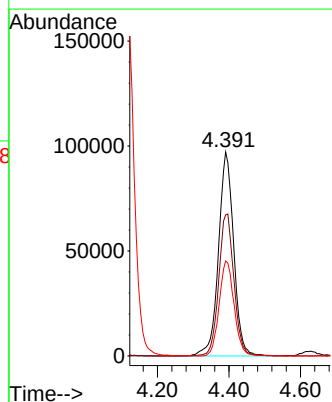
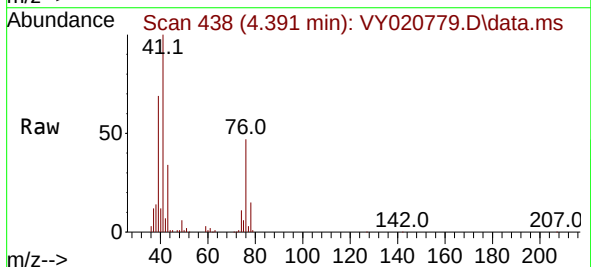
Tgt Ion: 41 Resp: 286947

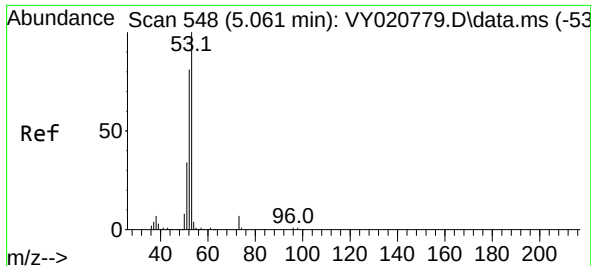
Ion Ratio Lower Upper

41 100

39 69.5 57.5 86.3

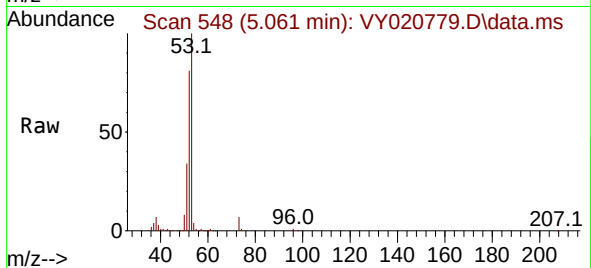
76 45.7 35.6 53.4



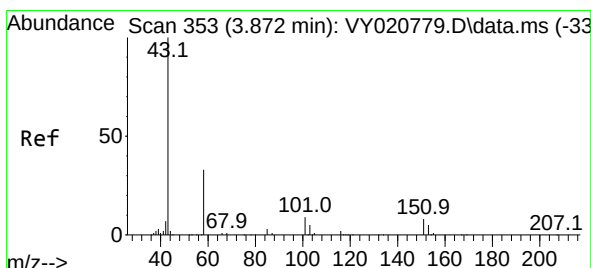
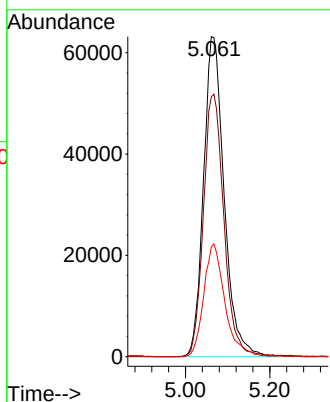
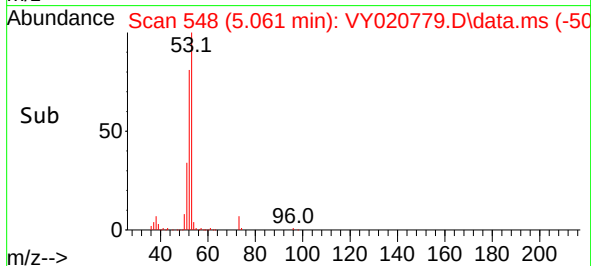


#15
Acrylonitrile
Concen: 697.179 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :

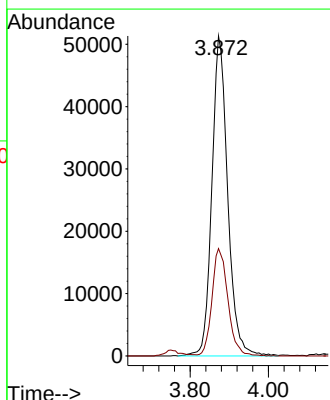
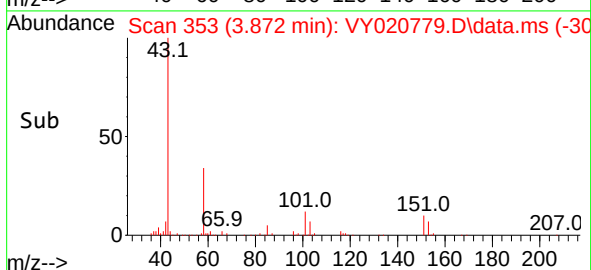
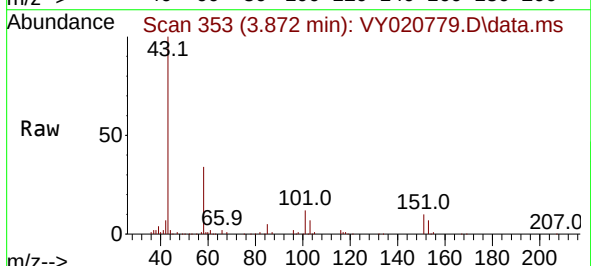


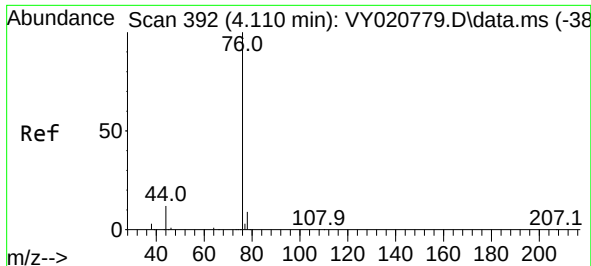
Tgt Ion: 53 Resp: 215031
Ion Ratio Lower Upper
53 100
52 81.4 64.3 96.5
51 36.1 29.3 43.9



#16
Acetone
Concen: 676.145 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 43 Resp: 143850
Ion Ratio Lower Upper
43 100
58 33.5 26.7 40.1

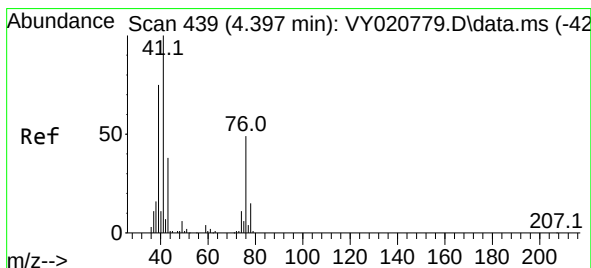
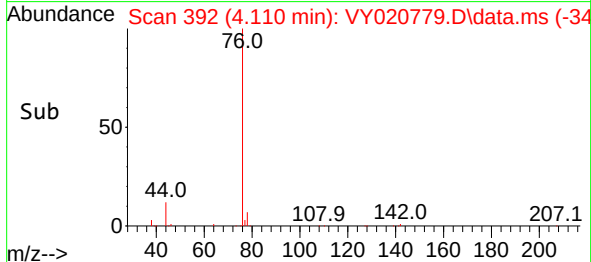
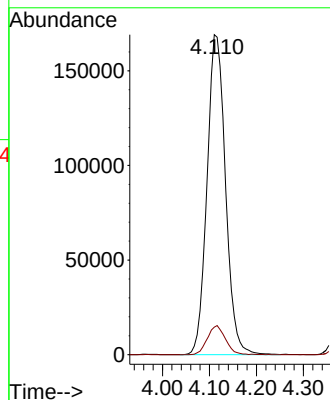
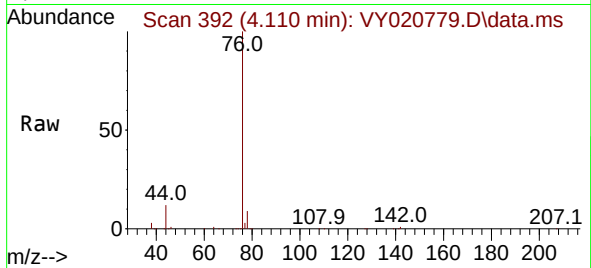




#17
Carbon Disulfide
Concen: 155.074 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.012 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

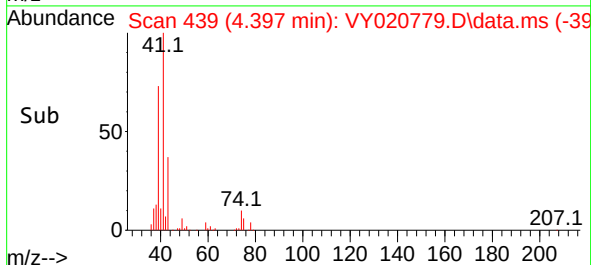
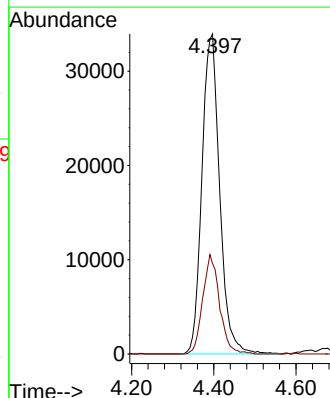
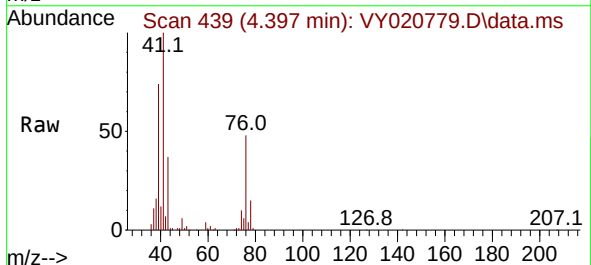
Instrument :
MSVOA_Y
ClientSampleId :

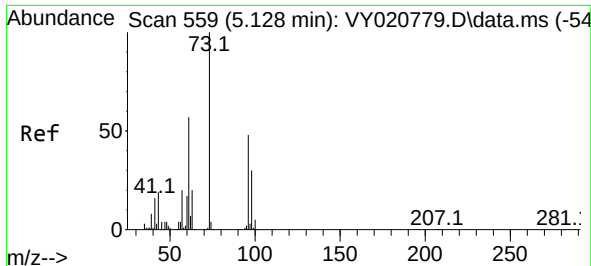
Tgt Ion: 76 Resp: 461778
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 141.498 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 43 Resp: 101645
Ion Ratio Lower Upper
43 100
74 29.4 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 139.000 ug/l

RT: 5.128 min Scan# 559

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

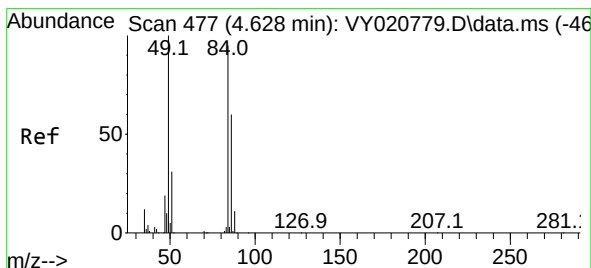
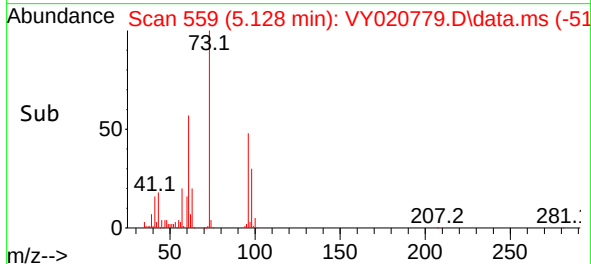
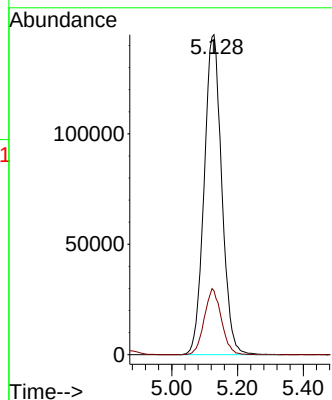
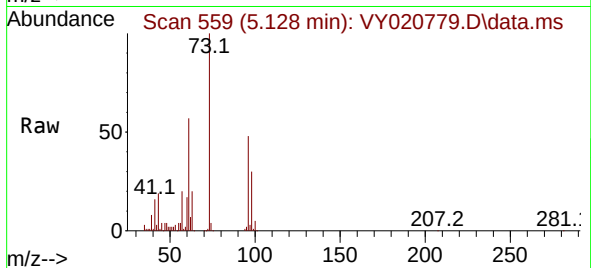
ClientSampleId :

Tgt Ion: 73 Resp: 538464

Ion Ratio Lower Upper

73 100

57 20.0 16.4 24.6



#20

Methylene Chloride

Concen: 139.973 ug/l

RT: 4.628 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Tgt Ion: 84 Resp: 205658

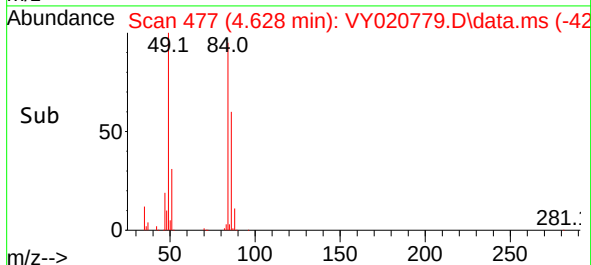
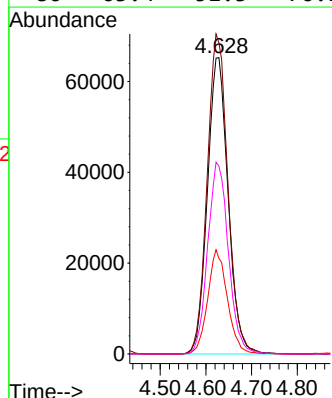
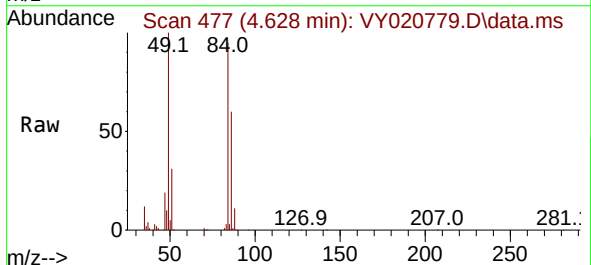
Ion Ratio Lower Upper

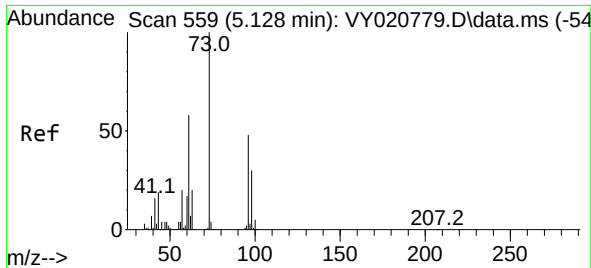
84 100

49 105.0 86.7 130.1

51 32.3 28.4 42.6

86 63.4 51.3 76.9

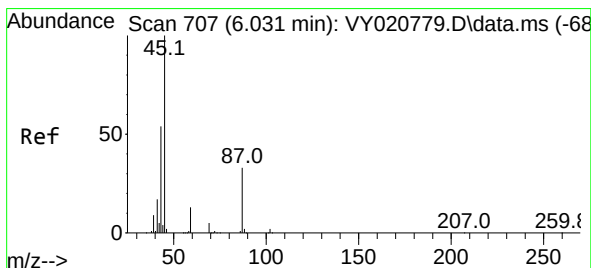
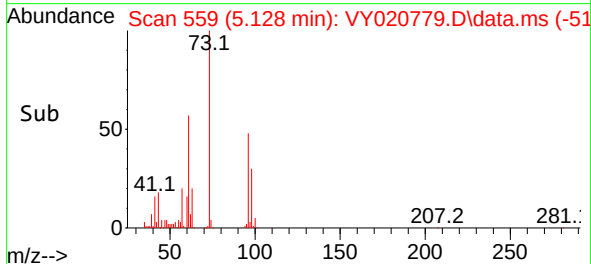
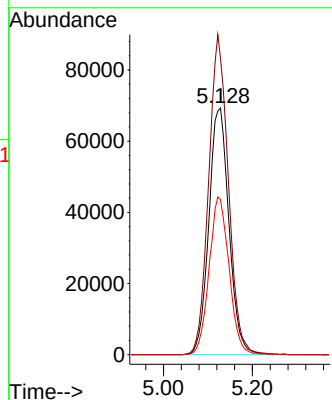
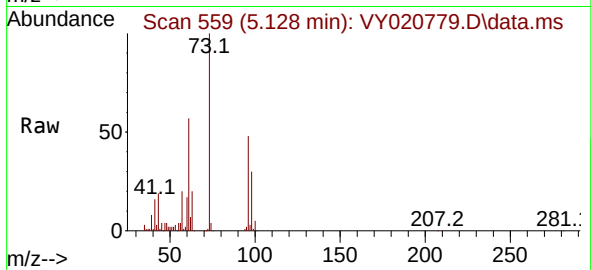




#21
trans-1,2-Dichloroethene
Concen: 144.296 ug/l
RT: 5.128 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

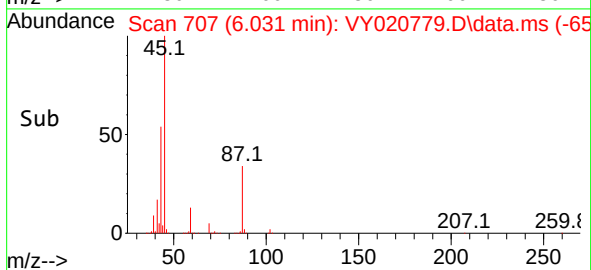
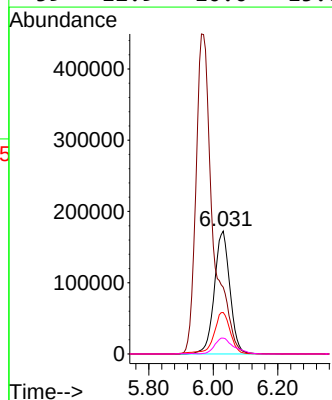
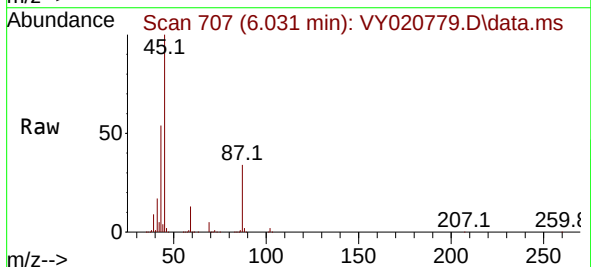
Instrument :
MSVOA_Y
ClientSampleId :

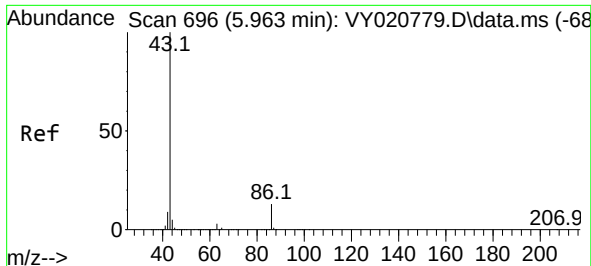
Tgt Ion: 96 Resp: 218119
Ion Ratio Lower Upper
96 100
61 120.1 101.6 152.4
98 62.8 49.4 74.2



#22
Diisopropyl ether
Concen: 136.572 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 45 Resp: 576134
Ion Ratio Lower Upper
45 100
43 54.3 43.9 65.9
87 33.8 25.3 37.9
59 12.9 10.0 15.0

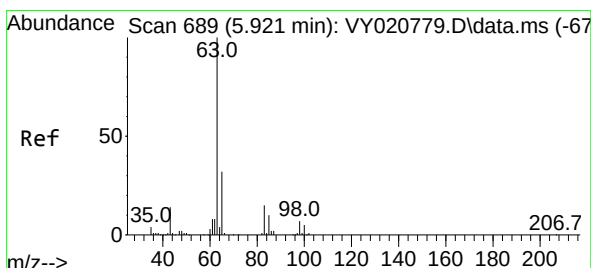
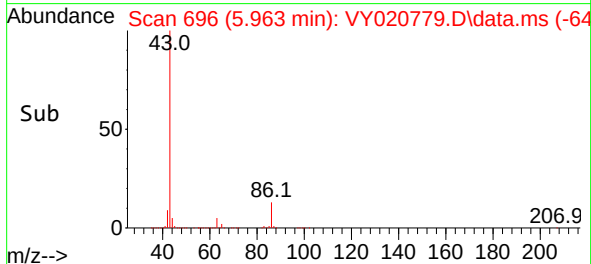
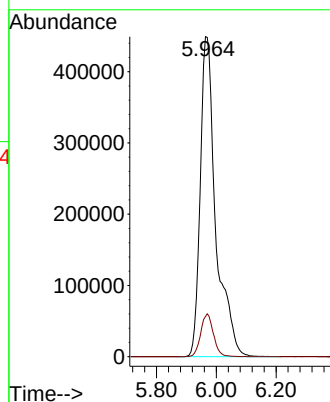
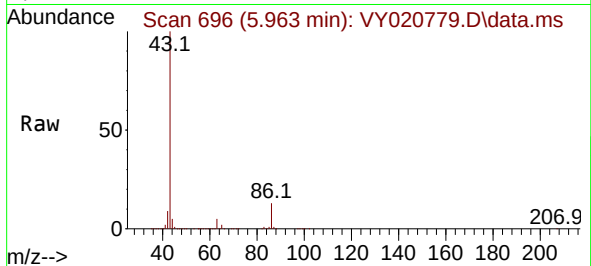




#23
 Vinyl Acetate
 Concen: 698.099 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

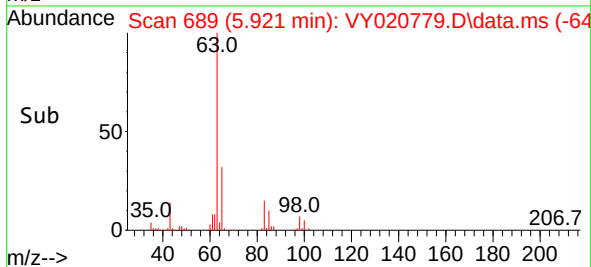
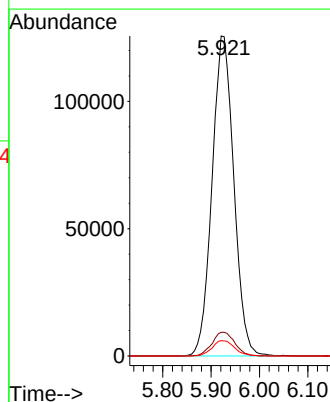
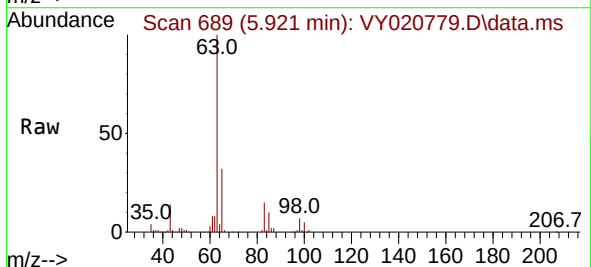
Instrument :
 MSVOA_Y
 ClientSampleId :

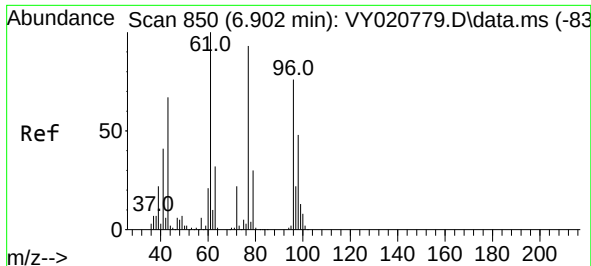
Tgt Ion: 43 Resp: 1623770
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 141.133 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

Tgt Ion: 63 Resp: 392807
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 680.226 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

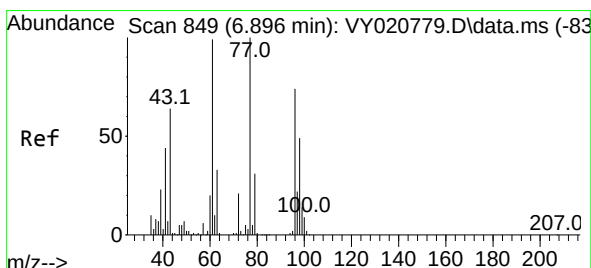
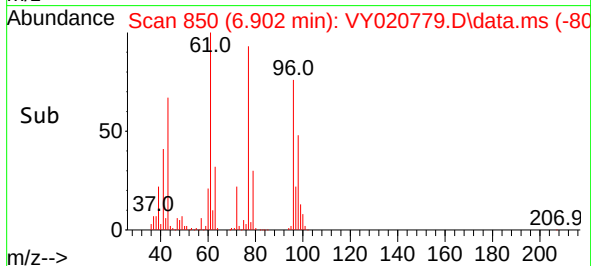
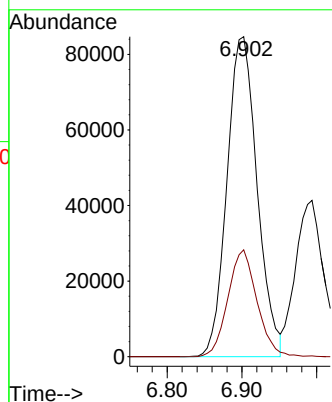
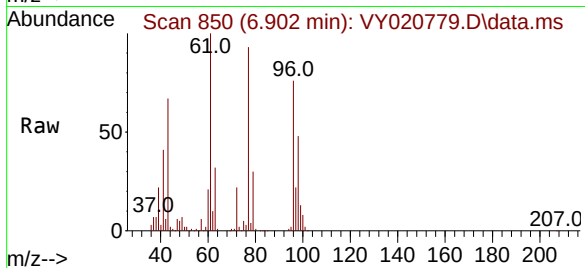
ClientSampleId :

Tgt Ion: 43 Resp: 237724

Ion Ratio Lower Upper

43 100

72 33.4 24.0 36.0



#26

2,2-Dichloropropane

Concen: 139.597 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020779.D

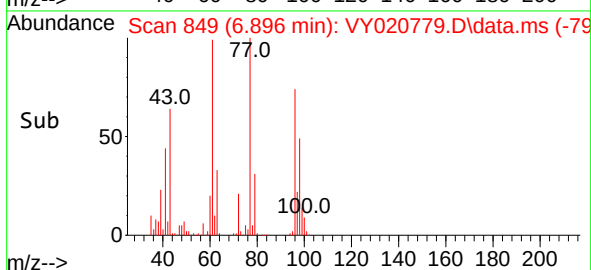
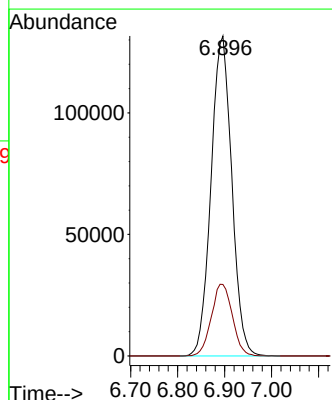
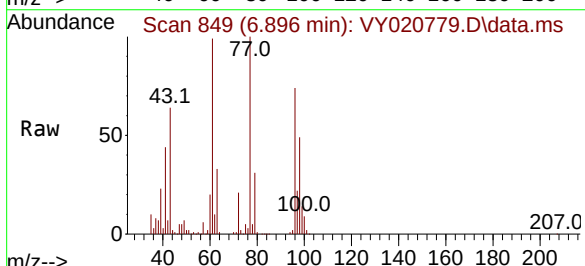
Acq: 06 Jan 2025 11:31

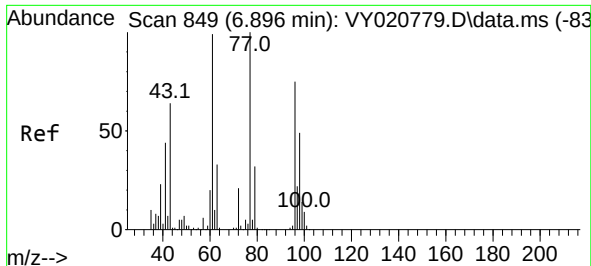
Tgt Ion: 77 Resp: 403400

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 141.561 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

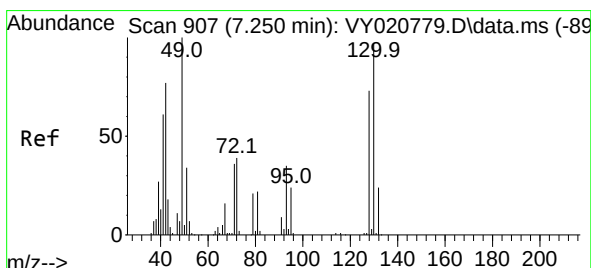
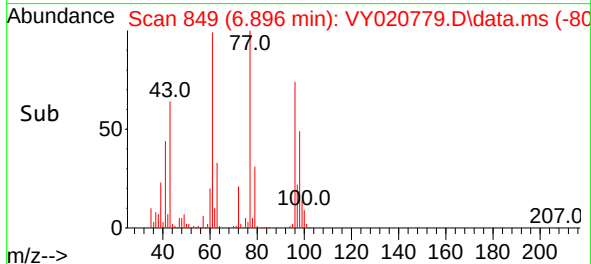
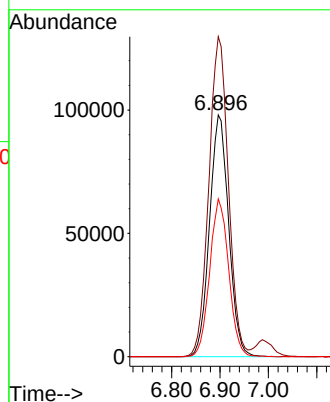
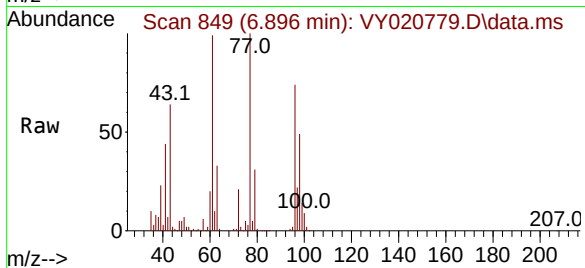
Tgt Ion: 96 Resp: 269985

Ion Ratio Lower Upper

96 100

61 134.7 0.0 271.4

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 155.640 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

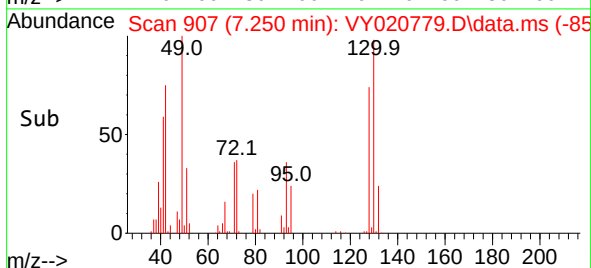
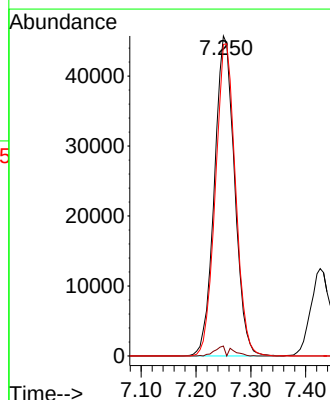
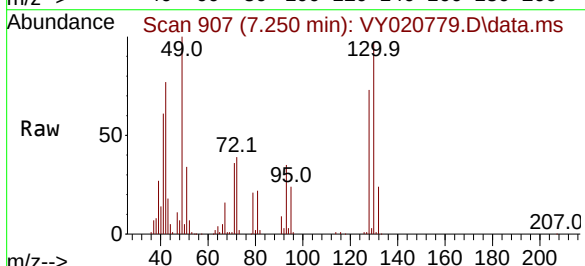
Tgt Ion: 49 Resp: 116889

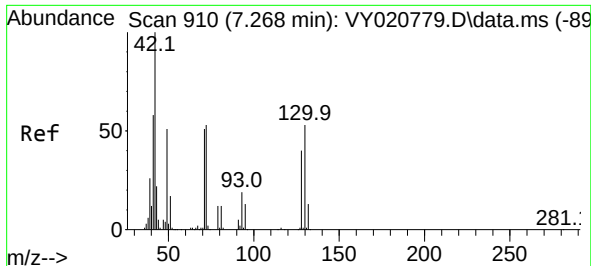
Ion Ratio Lower Upper

49 100

129 1.5 0.0 5.2

130 0.0 77.8 116.6#





#29

Tetrahydrofuran

Concen: 695.859 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

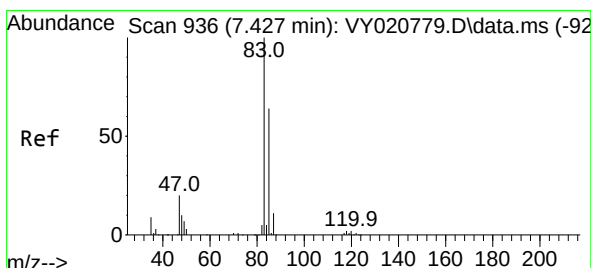
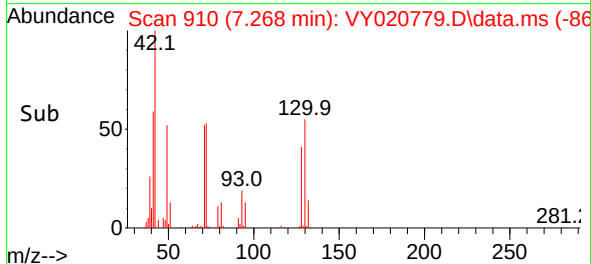
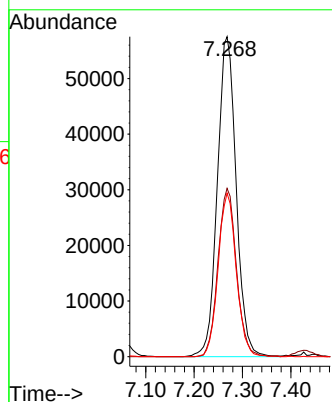
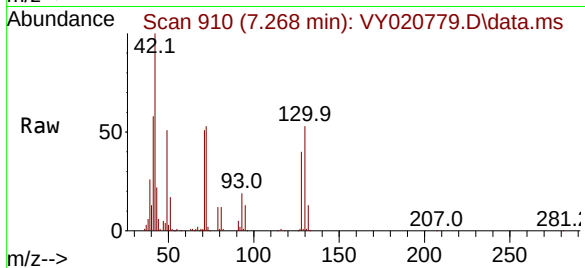
Tgt Ion: 42 Resp: 155348

Ion Ratio Lower Upper

42 100

72 51.8 41.8 62.6

71 49.2 39.8 59.8



#30

Chloroform

Concen: 138.506 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY020779.D

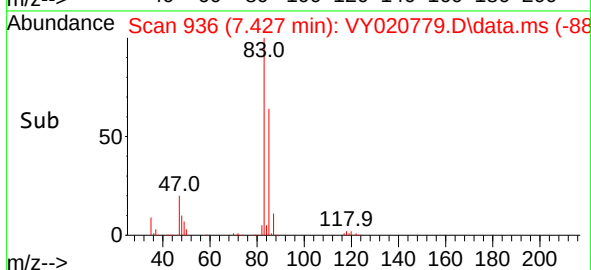
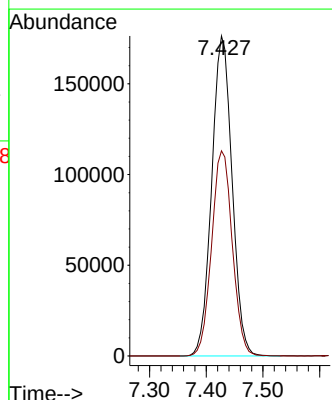
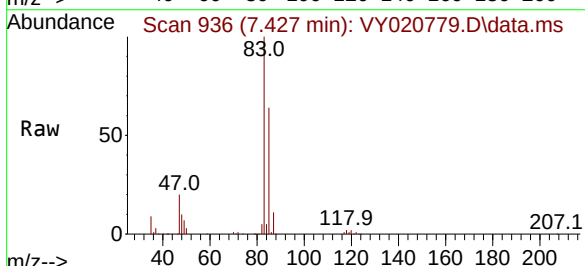
Acq: 06 Jan 2025 11:31

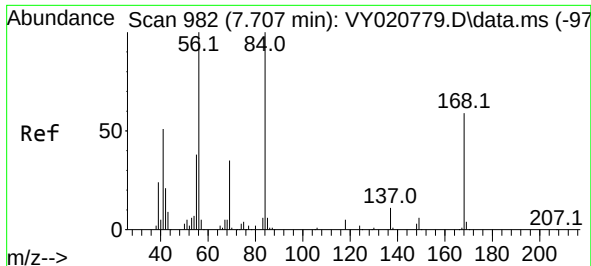
Tgt Ion: 83 Resp: 439618

Ion Ratio Lower Upper

83 100

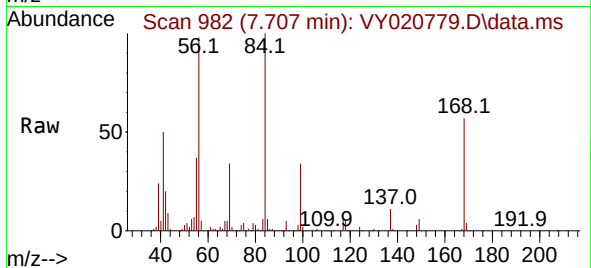
85 64.1 51.1 76.7



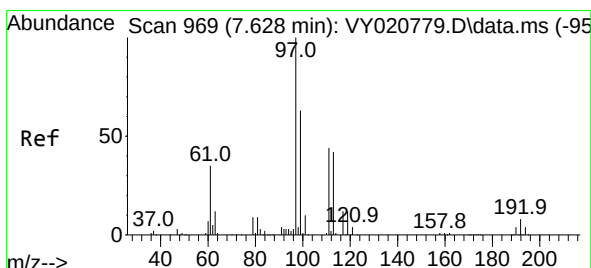
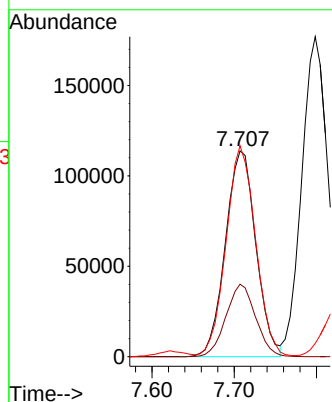
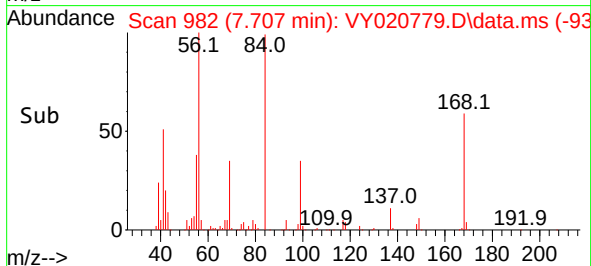


#31
Cyclohexane
Concen: 135.004 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :

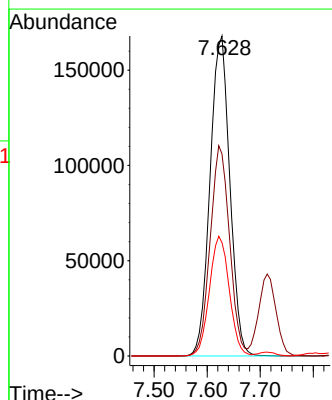
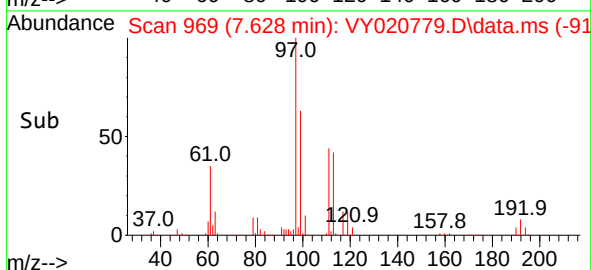
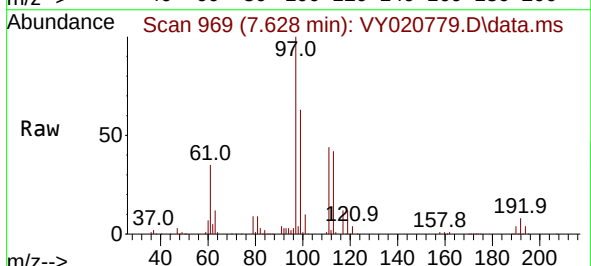


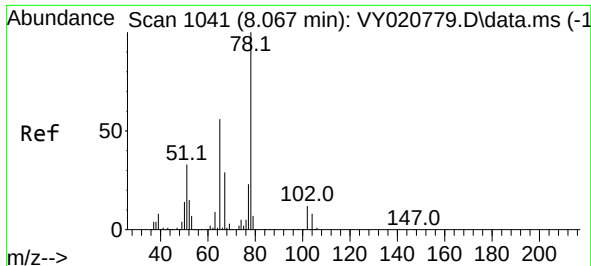
Tgt Ion: 56 Resp: 293904
Ion Ratio Lower Upper
56 100
69 35.3 30.5 45.7
84 100.4 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 140.384 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 97 Resp: 434628
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 37.6 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 147.630 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

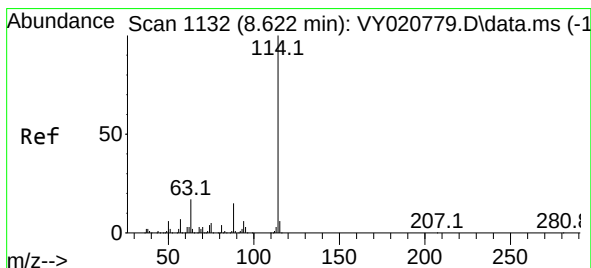
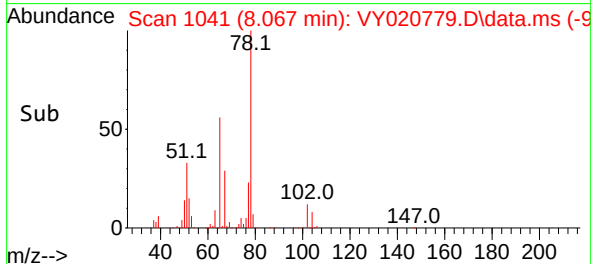
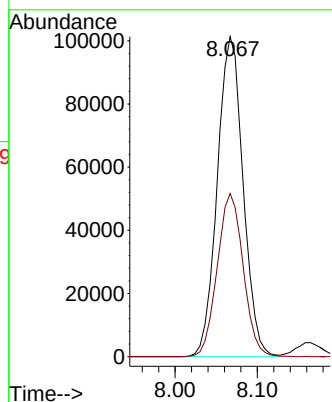
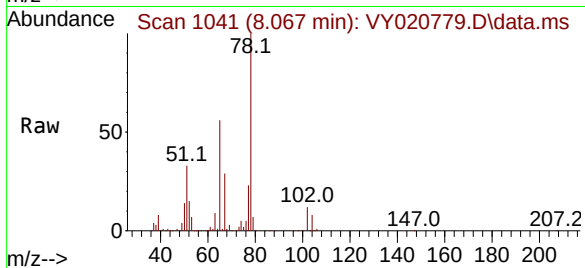
ClientSampleId :

Tgt Ion: 65 Resp: 220870

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

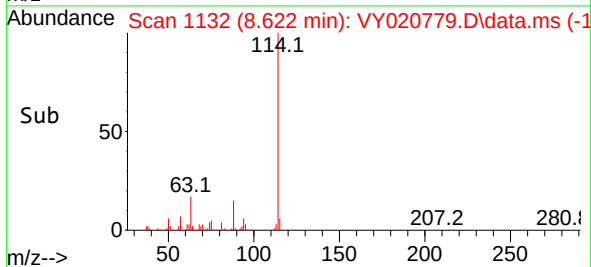
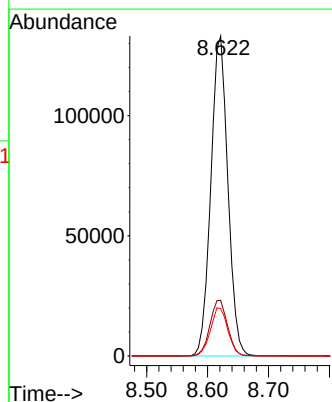
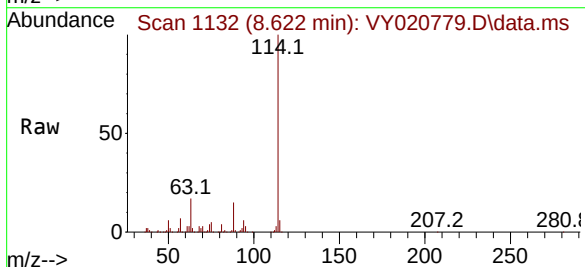
Tgt Ion: 114 Resp: 258104

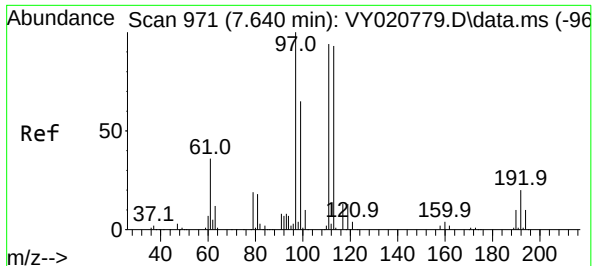
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 14.7 0.0 31.2

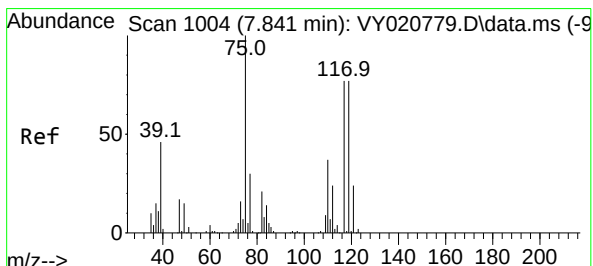
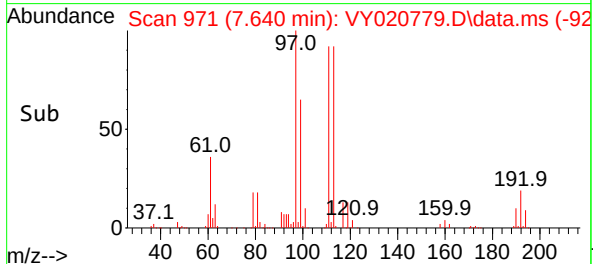
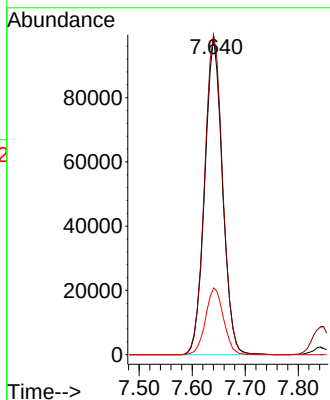
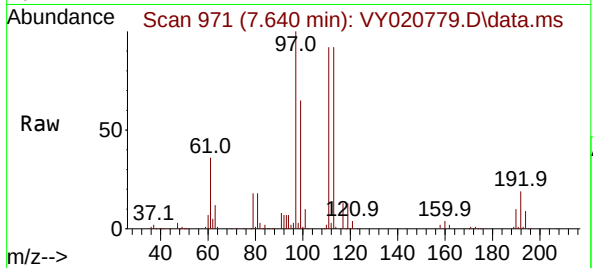




#35
Dibromofluoromethane
Concen: 141.778 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

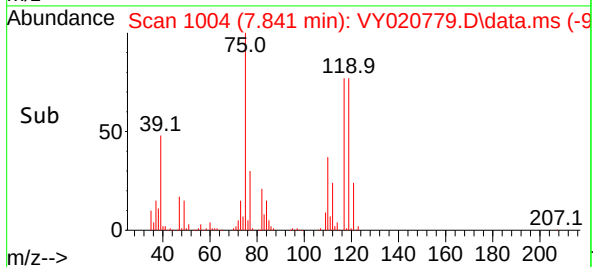
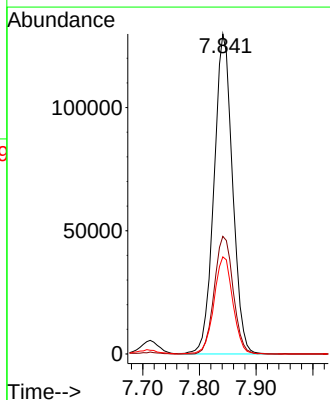
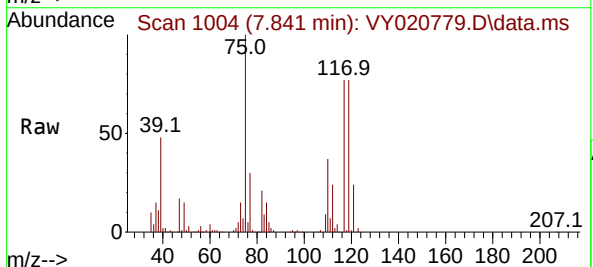
Instrument :
MSVOA_Y
ClientSampleId :

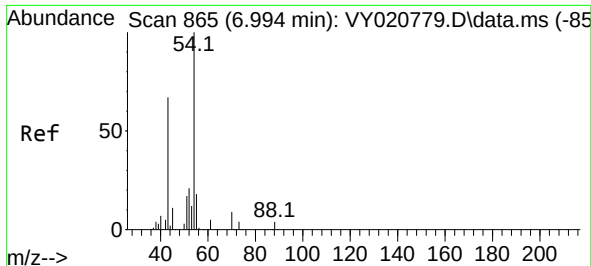
Tgt Ion:113 Resp: 229255
Ion Ratio Lower Upper
113 100
111 103.1 81.7 122.5
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 142.907 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 75 Resp: 294743
Ion Ratio Lower Upper
75 100
110 37.5 18.5 55.5
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 136.527 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.006 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

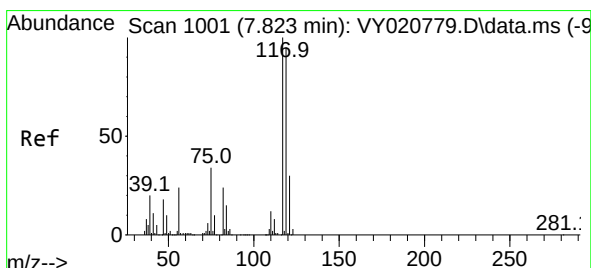
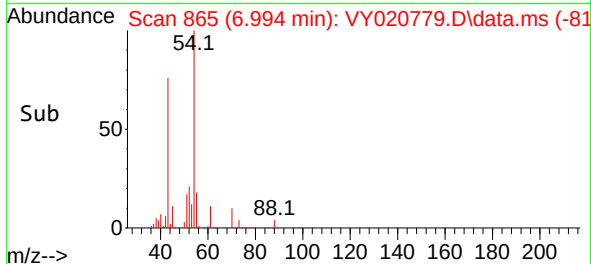
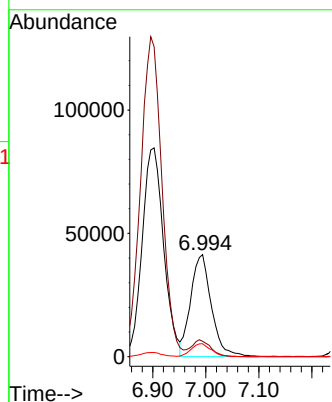
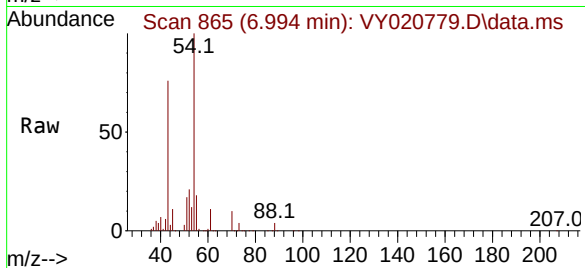
Tgt Ion: 43 Resp: 112056

Ion Ratio Lower Upper

43 100

61 14.9 11.8 17.6

70 12.4 9.8 14.8



#38

Carbon Tetrachloride

Concen: 143.964 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

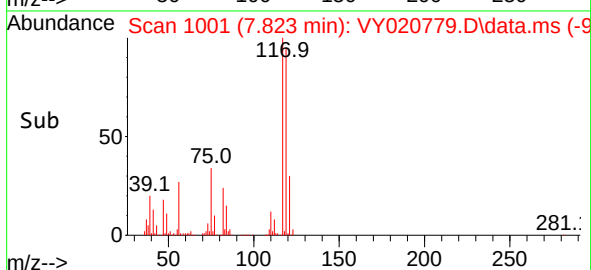
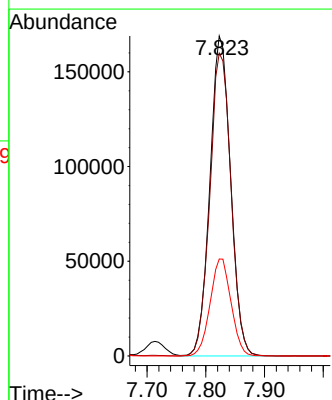
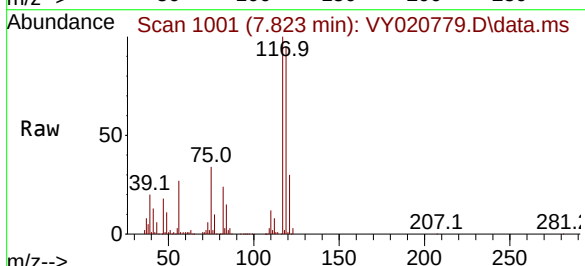
Tgt Ion: 117 Resp: 413318

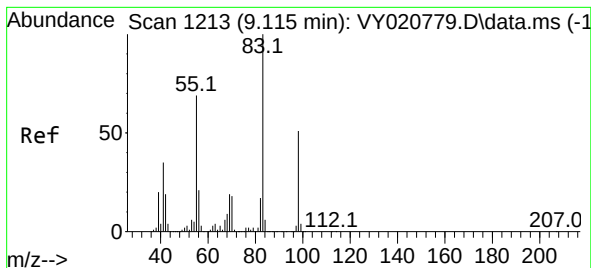
Ion Ratio Lower Upper

117 100

119 94.7 76.5 114.7

121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 148.517 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

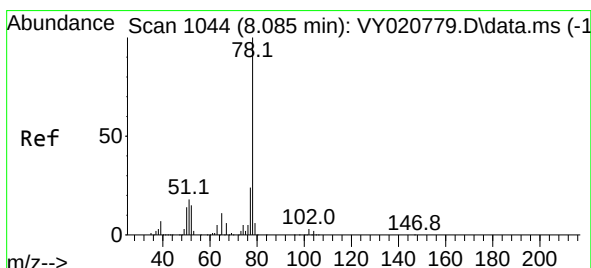
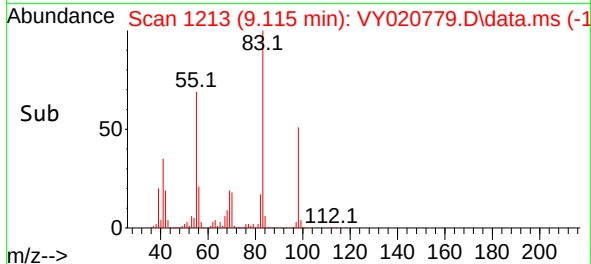
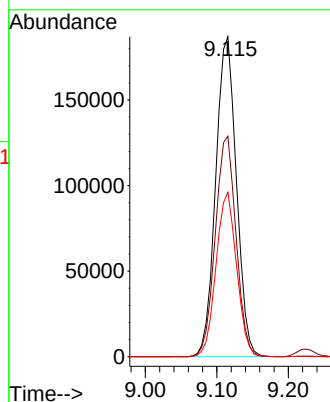
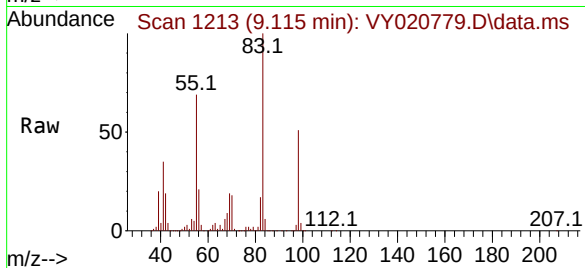
Tgt Ion: 83 Resp: 375883

Ion Ratio Lower Upper

83 100

55 68.9 54.8 82.2

98 51.4 40.0 60.0



#40

Benzene

Concen: 141.802 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY020779.D

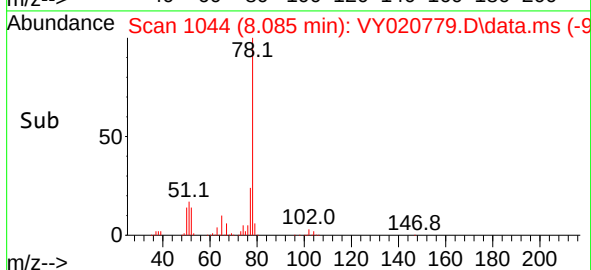
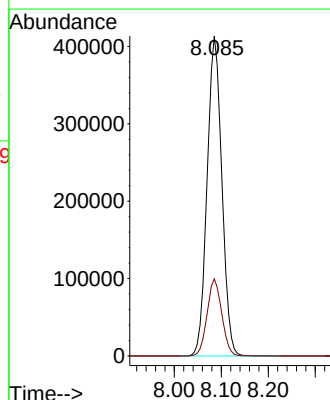
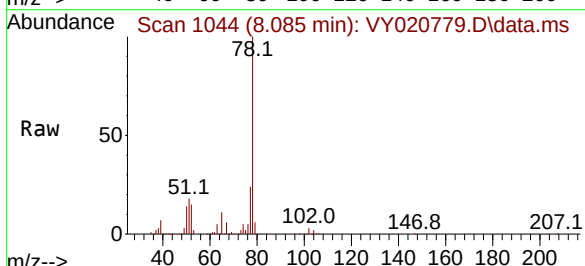
Acq: 06 Jan 2025 11:31

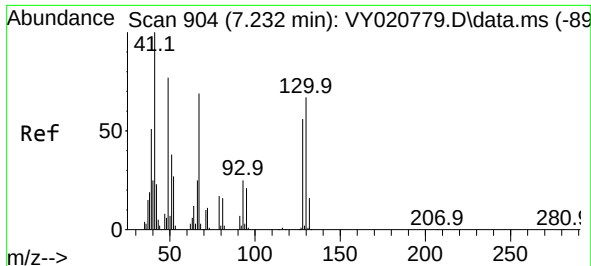
Tgt Ion: 78 Resp: 897609

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.2



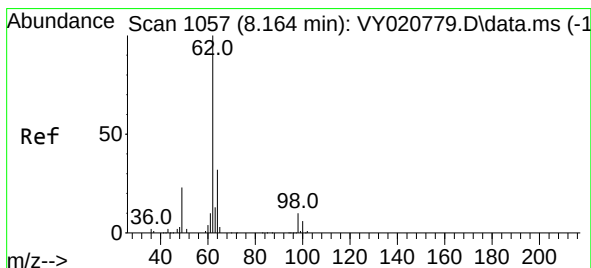
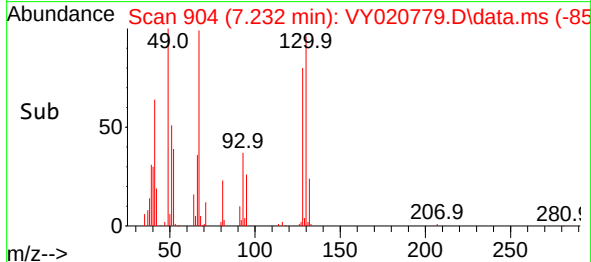
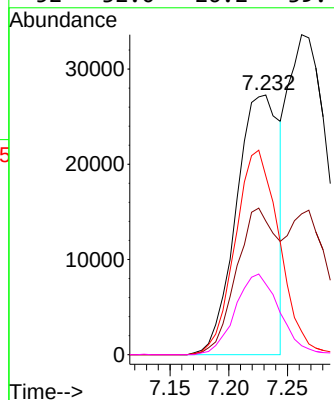
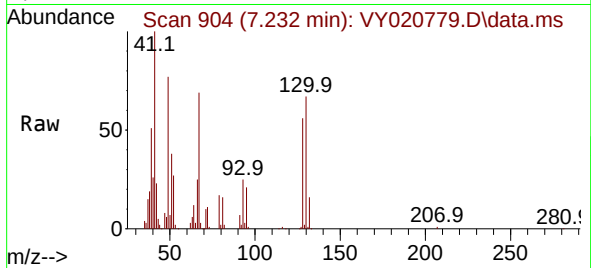


#41
Methacrylonitrile
Concen: 148.209 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 69667

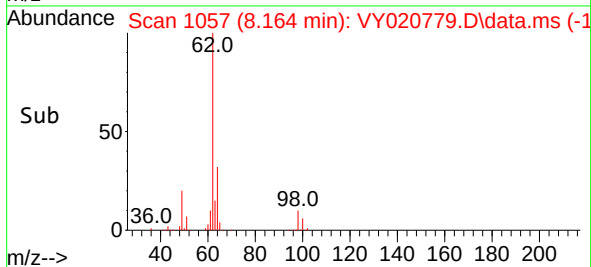
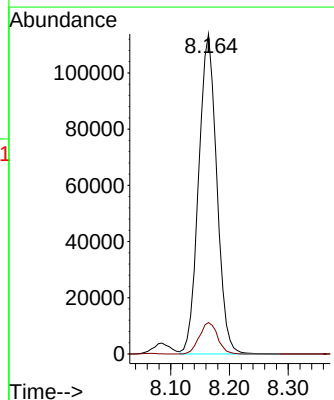
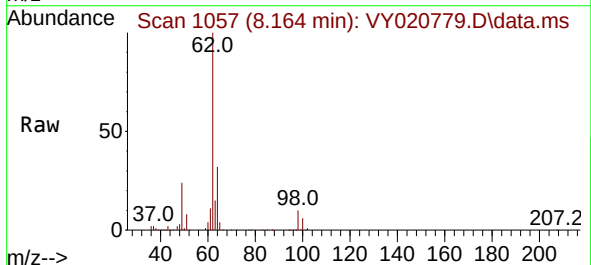
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	81.0	67.8	101.8
52	32.0	26.2	39.4

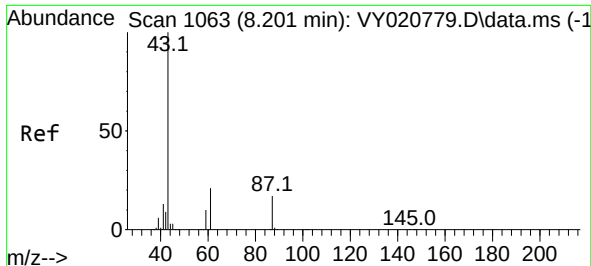


#42
1,2-Dichloroethane
Concen: 141.307 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 62 Resp: 244272

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6

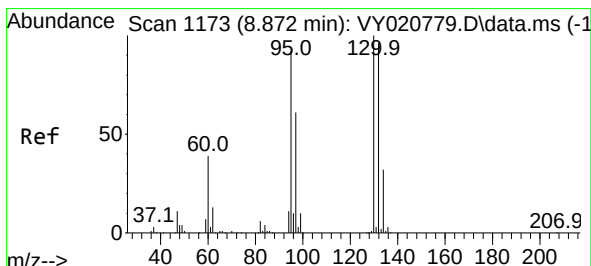
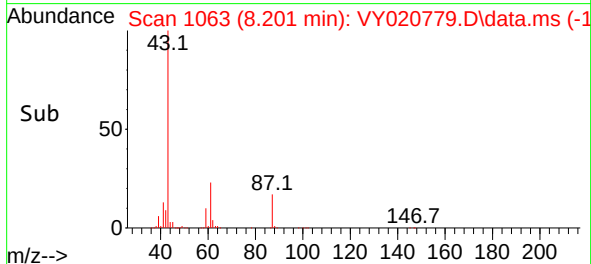
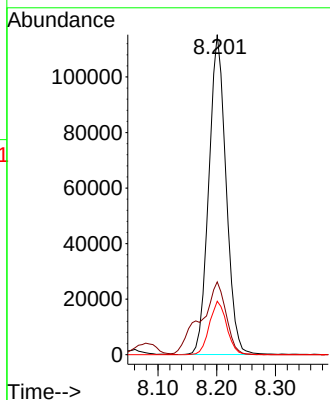
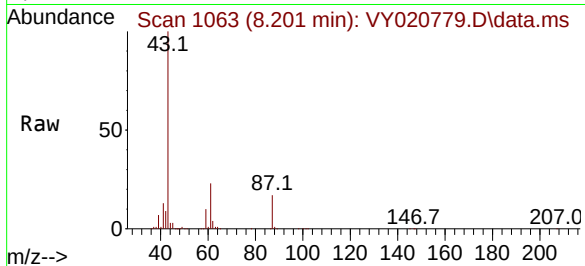




#43
Isopropyl Acetate
Concen: 140.438 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

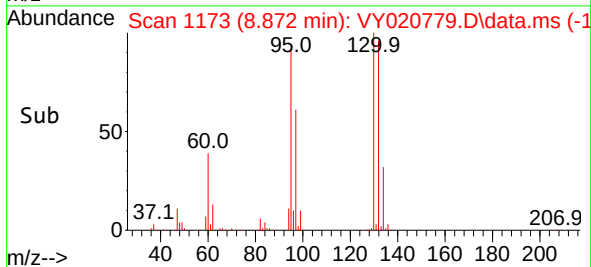
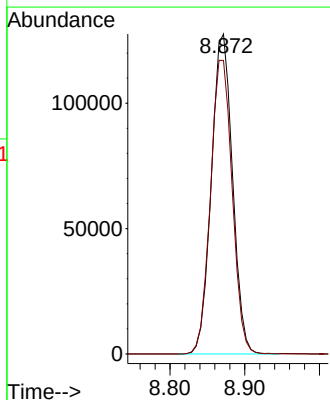
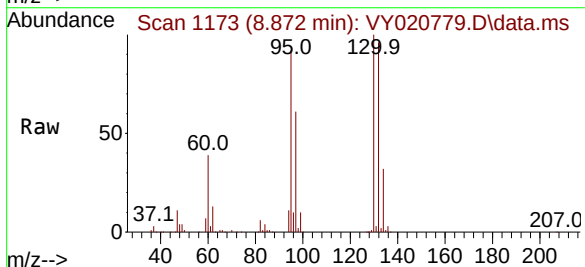
Instrument :
MSVOA_Y
ClientSampleId :

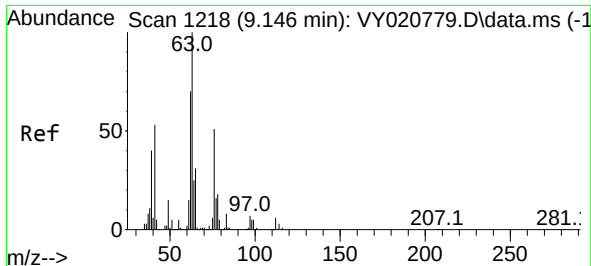
Tgt Ion: 43 Resp: 234448
Ion Ratio Lower Upper
43 100
61 33.5 26.5 39.7
87 16.8 13.4 20.0



#44
Trichloroethene
Concen: 142.409 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:130 Resp: 251295
Ion Ratio Lower Upper
130 100
95 91.8 0.0 181.0

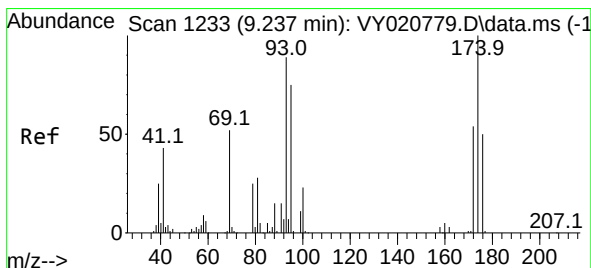
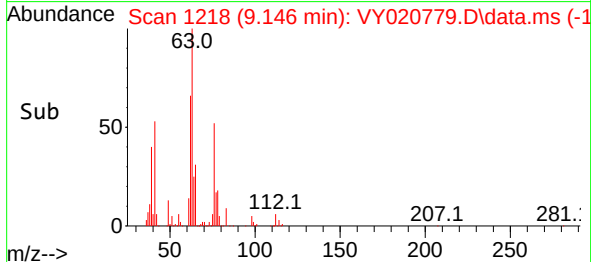
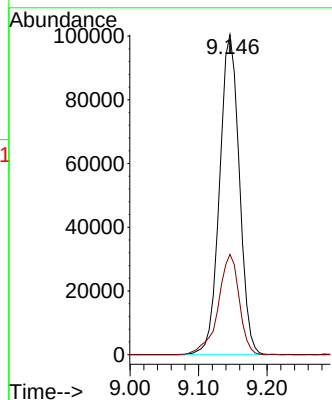
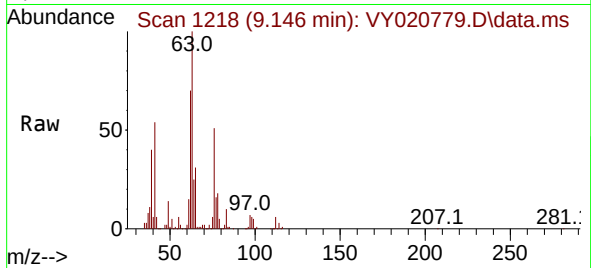




#45
1,2-Dichloropropane
Concen: 139.441 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

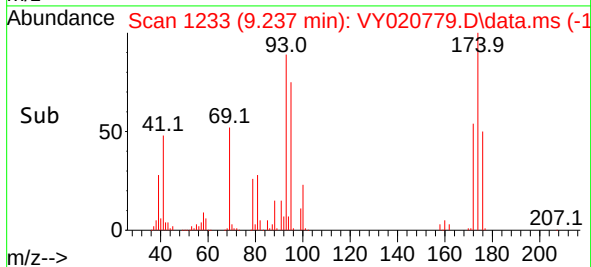
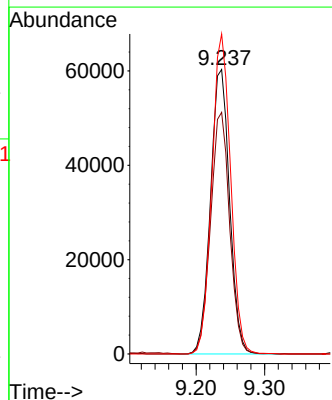
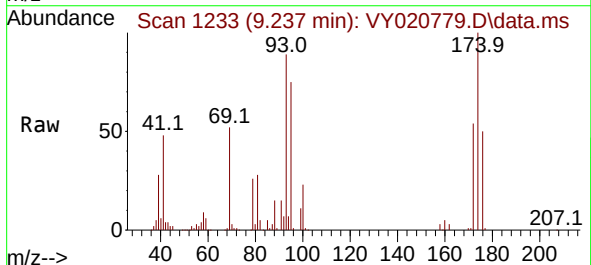
Instrument :
MSVOA_Y
ClientSampleId :

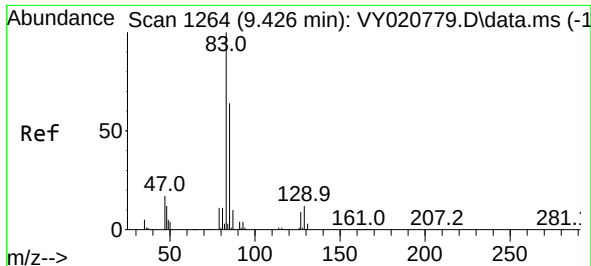
Tgt Ion: 63 Resp: 200102
Ion Ratio Lower Upper
63 100
65 31.3 24.2 36.4



#46
Dibromomethane
Concen: 141.855 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 93 Resp: 116895
Ion Ratio Lower Upper
93 100
95 84.9 68.2 102.4
174 110.6 89.0 133.6





#47

Bromodichloromethane

Concen: 141.363 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

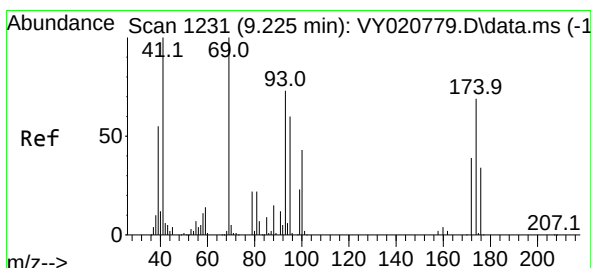
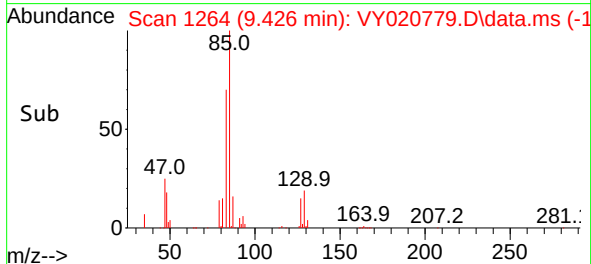
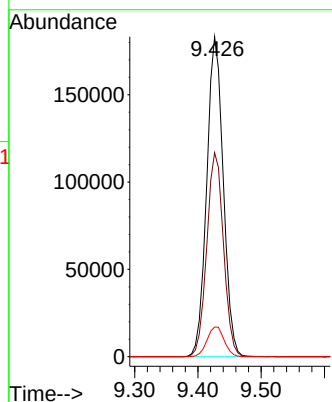
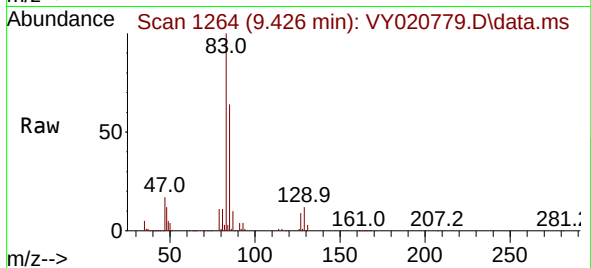
Tgt Ion: 83 Resp: 333620

Ion Ratio Lower Upper

83 100

85 63.7 50.7 76.1

127 9.2 7.9 11.9



#48

Methyl methacrylate

Concen: 149.689 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

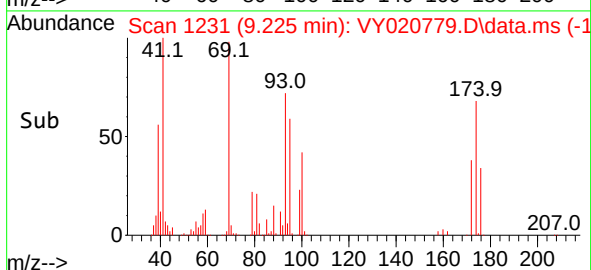
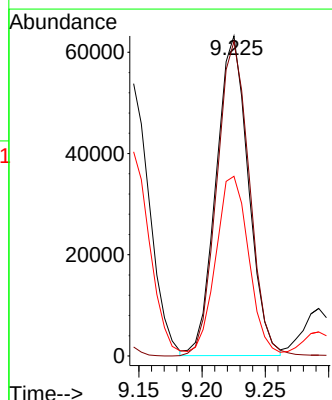
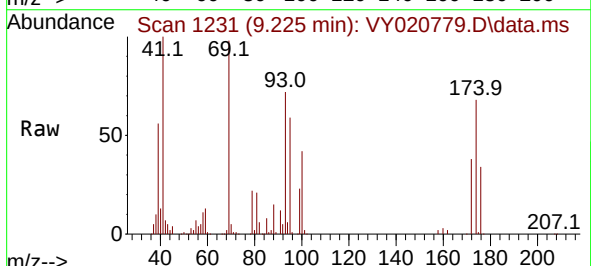
Tgt Ion: 41 Resp: 112030

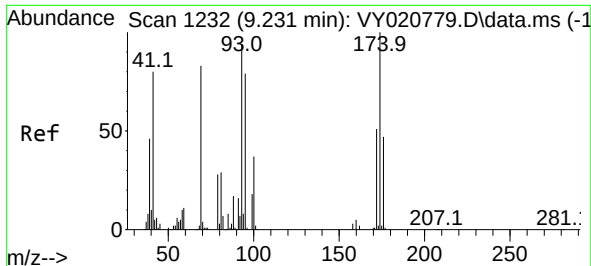
Ion Ratio Lower Upper

41 100

69 99.3 78.9 118.3

39 55.3 44.6 67.0





#49

1,4-Dioxane

Concen: 2924.386 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

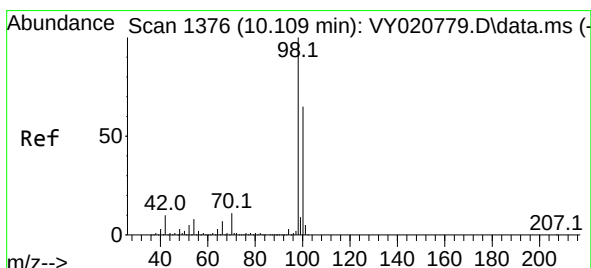
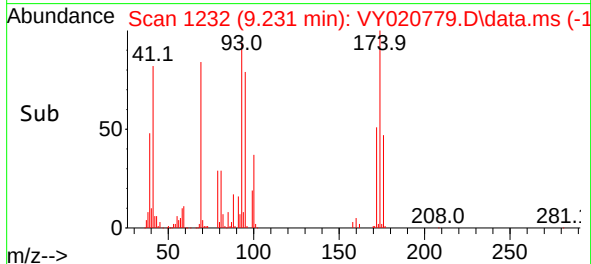
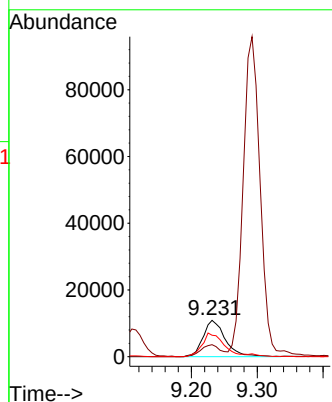
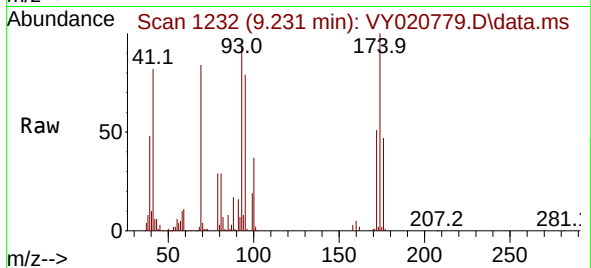
Tgt Ion: 88 Resp: 25586

Ion Ratio Lower Upper

88 100

43 30.1 24.4 36.6

58 67.2 51.0 76.6



#50

Toluene-d8

Concen: 155.607 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020779.D

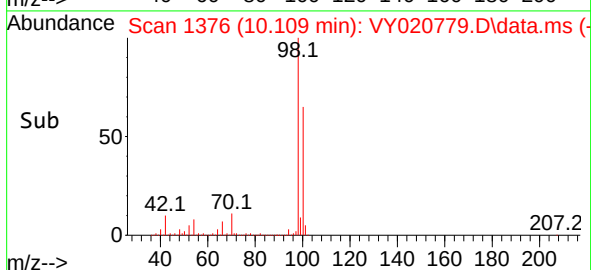
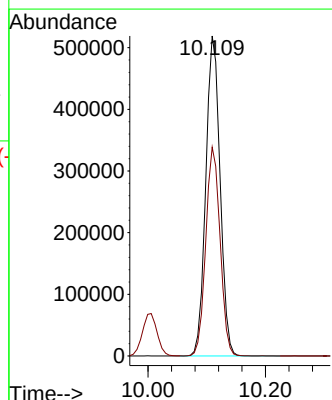
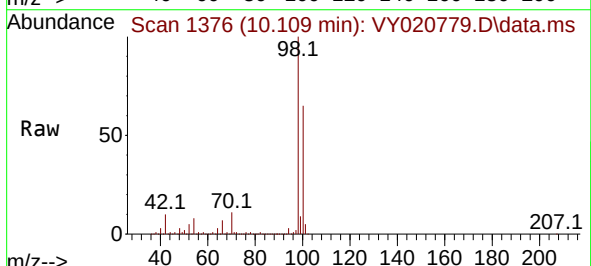
Acq: 06 Jan 2025 11:31

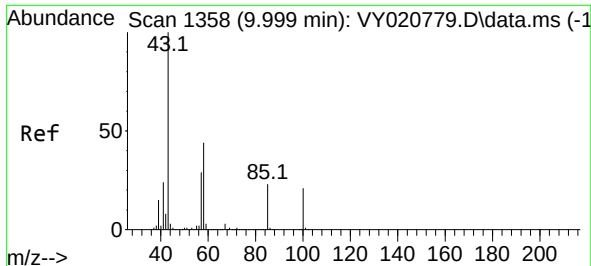
Tgt Ion: 98 Resp: 877140

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 690.288 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

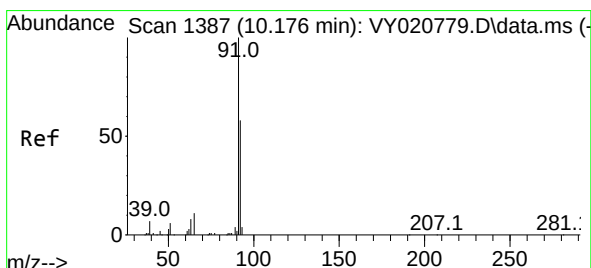
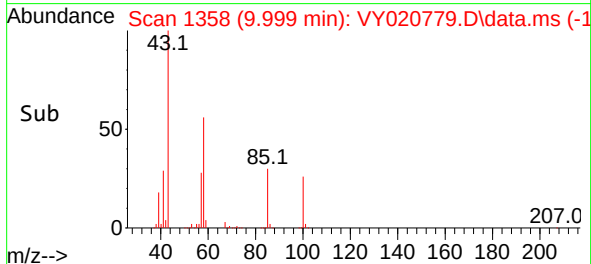
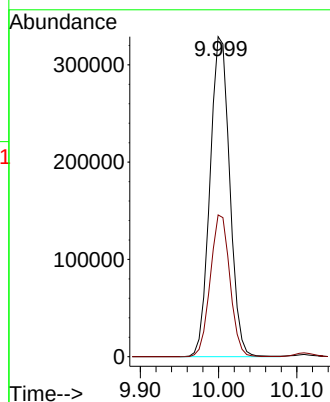
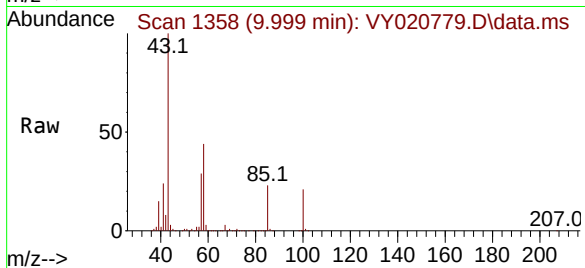
ClientSampleId :

Tgt Ion: 43 Resp: 575707

Ion Ratio Lower Upper

43 100

58 44.1 34.8 52.2



#52

Toluene

Concen: 142.736 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY020779.D

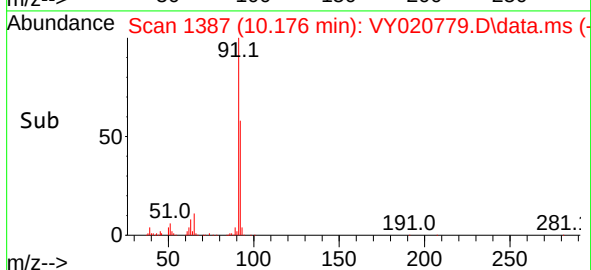
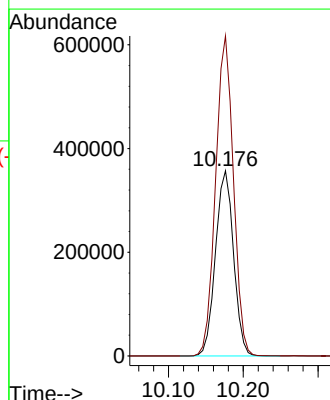
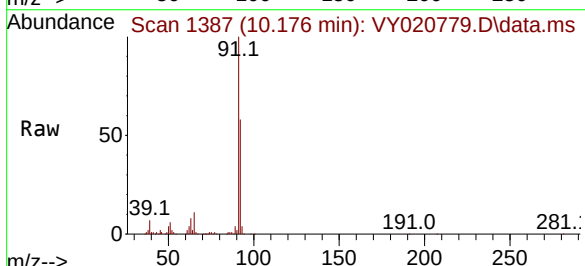
Acq: 06 Jan 2025 11:31

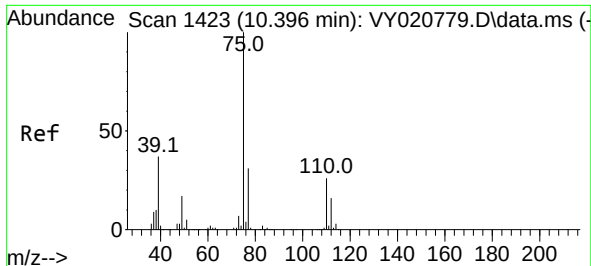
Tgt Ion: 92 Resp: 598309

Ion Ratio Lower Upper

92 100

91 170.8 136.6 204.8

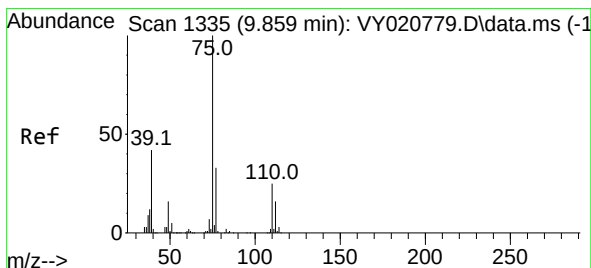
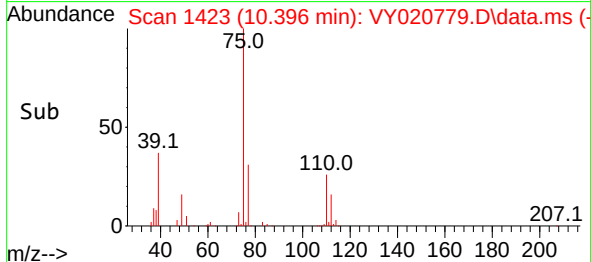
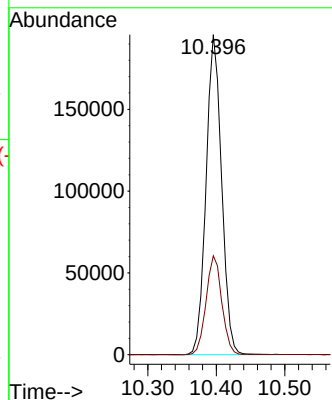
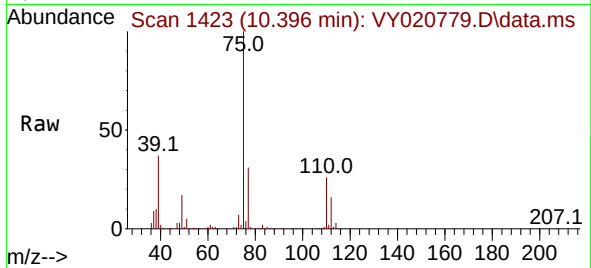




#53
 t-1,3-Dichloropropene
 Concen: 146.816 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

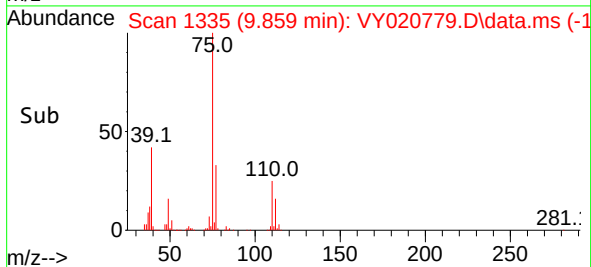
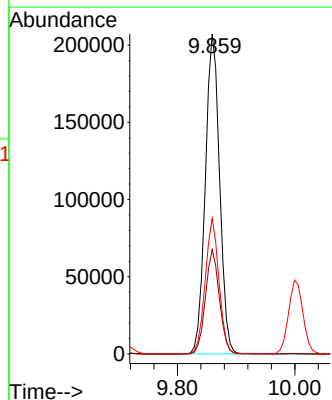
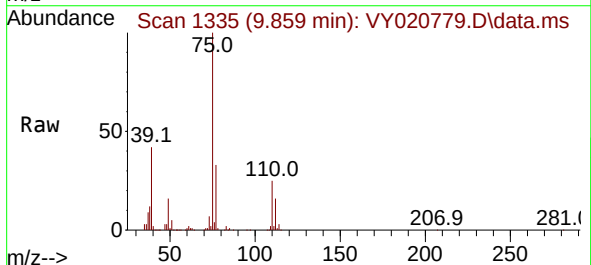
Instrument :
 MSVOA_Y
 ClientSampleId :

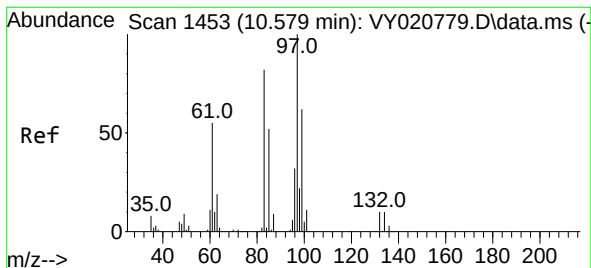
Tgt Ion: 75 Resp: 308170
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 143.543 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

Tgt Ion: 75 Resp: 349922
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.5 36.7
 39 42.4 30.7 46.1

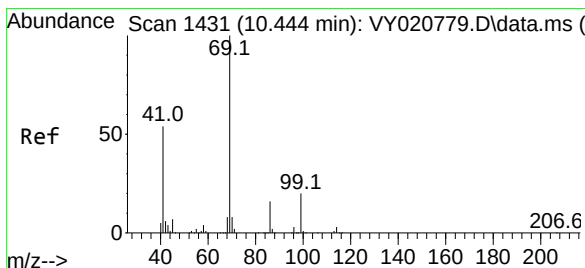
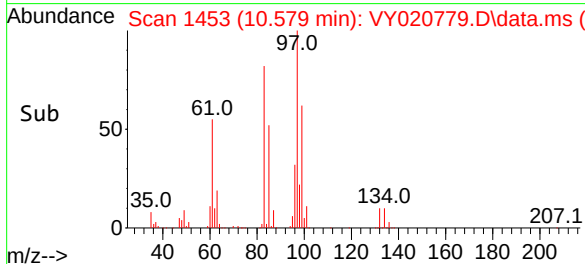
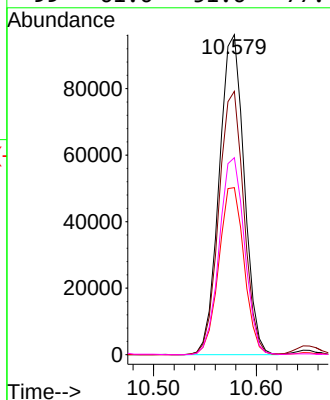
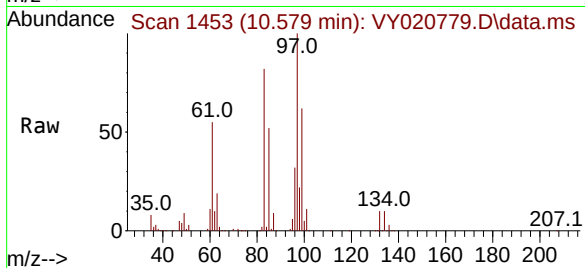




#55
1,1,2-Trichloroethane
Concen: 138.130 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

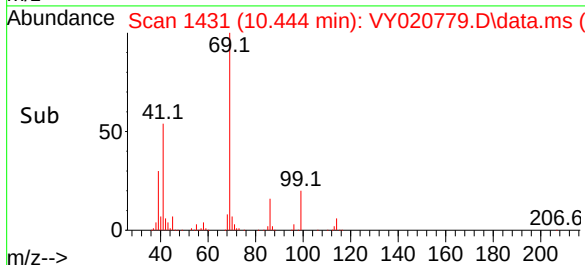
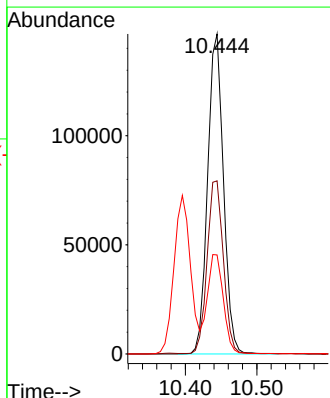
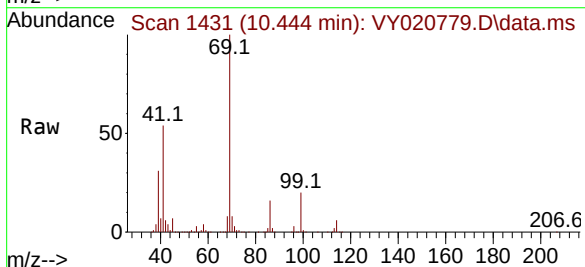
Instrument :
MSVOA_Y
ClientSampleId :

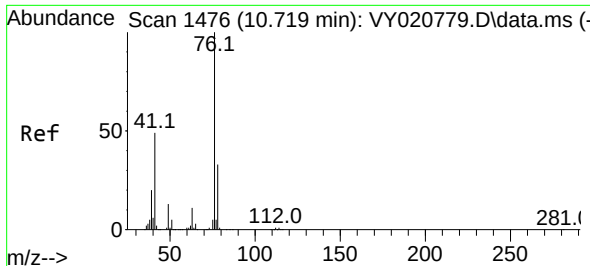
Tgt Ion:	97	Resp:	162615
Ion	Ratio	Lower	Upper
97	100		
83	82.3	62.8	94.2
85	52.2	42.4	63.6
99	61.6	51.6	77.4



#56
Ethyl methacrylate
Concen: 151.521 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:	69	Resp:	225277
Ion	Ratio	Lower	Upper
69	100		
41	55.6	46.6	69.8
39	31.3	25.7	38.5

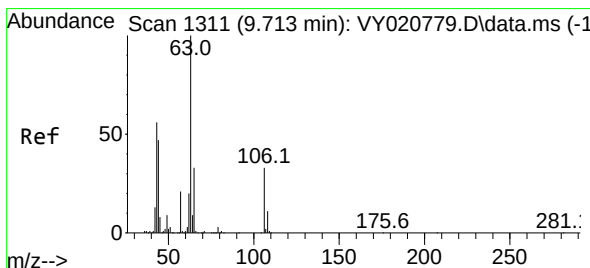
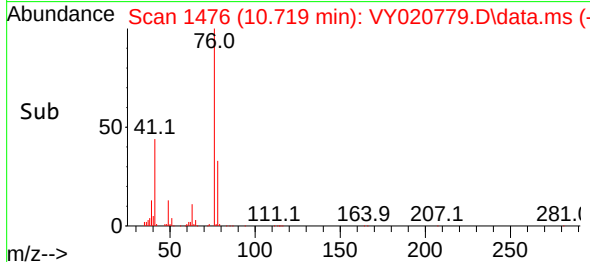
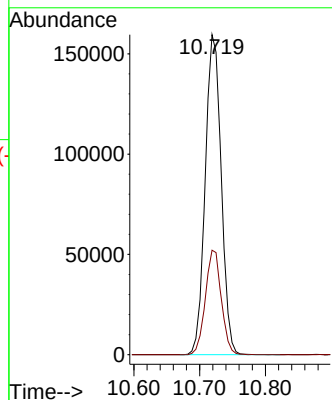
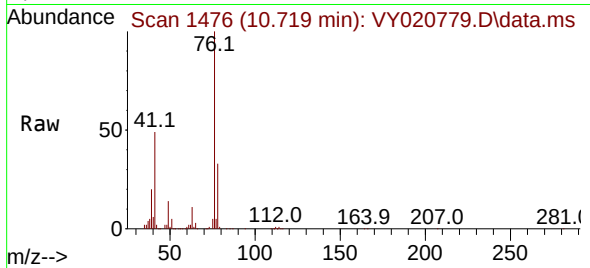




#57
1,3-Dichloropropane
Concen: 140.385 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

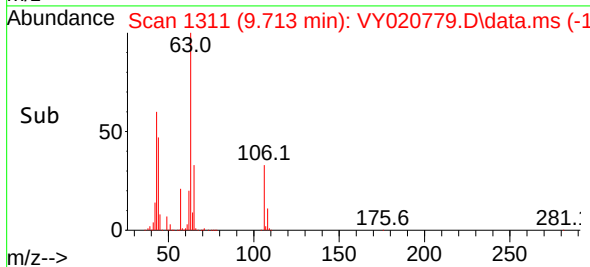
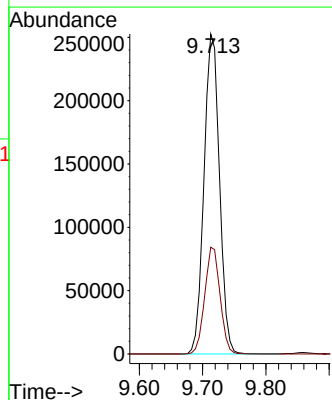
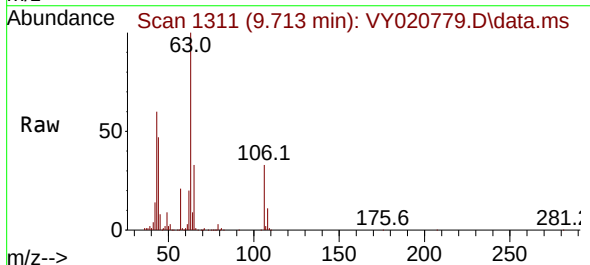
Instrument :
MSVOA_Y
ClientSampleId :

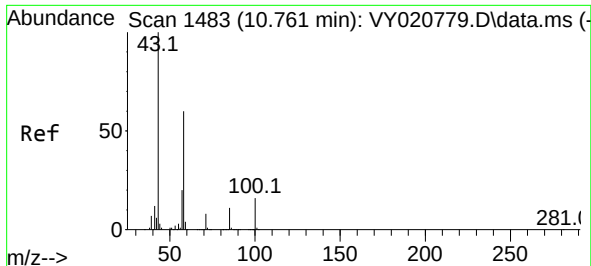
Tgt Ion: 76 Resp: 269394
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 730.874 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 63 Resp: 431083
Ion Ratio Lower Upper
63 100
106 33.0 25.9 38.9

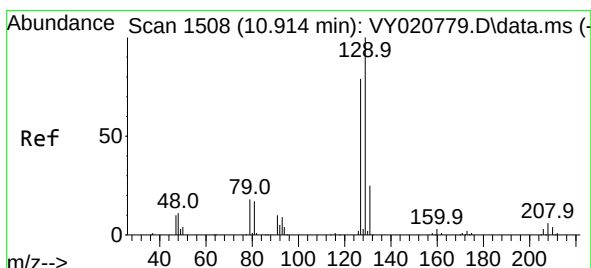
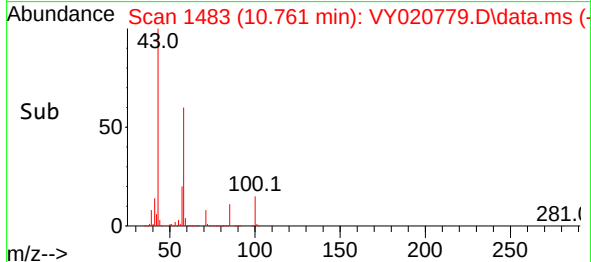
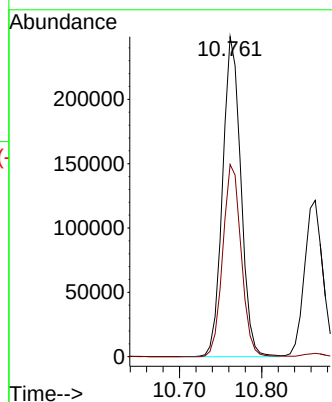
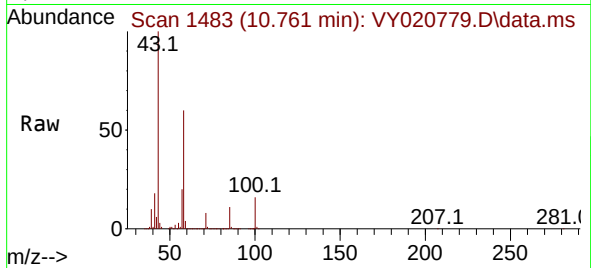




#59
2-Hexanone
Concen: 718.804 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

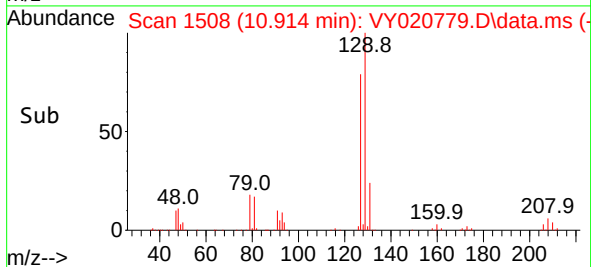
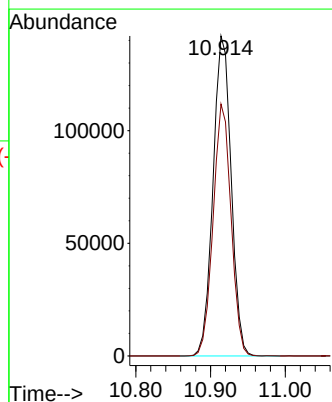
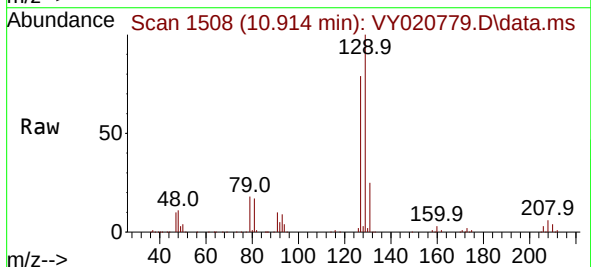
Instrument :
MSVOA_Y
ClientSampleId :

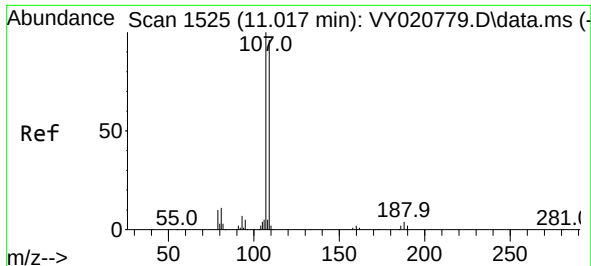
Tgt Ion: 43 Resp: 384601
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0



#60
Dibromochloromethane
Concen: 139.932 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:129 Resp: 238921
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

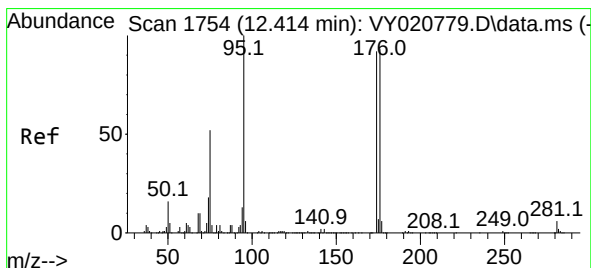
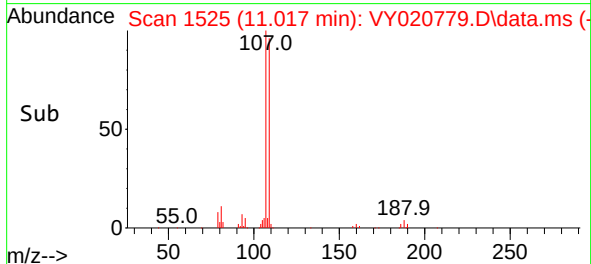
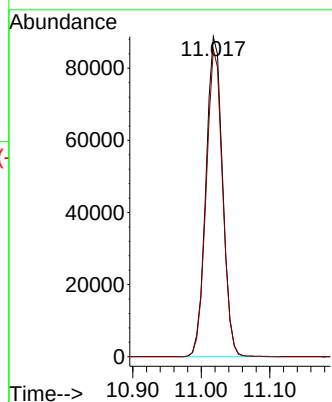
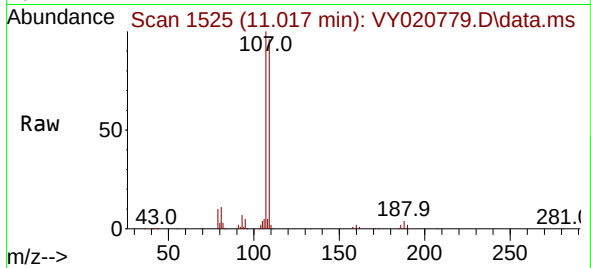




#61
1,2-Dibromoethane
Concen: 141.887 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

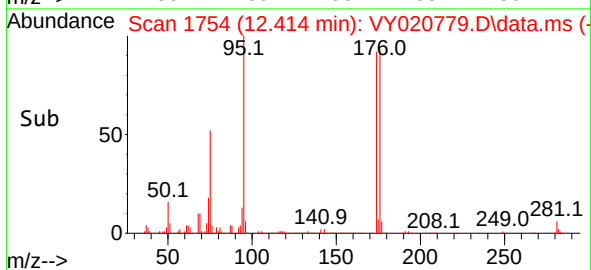
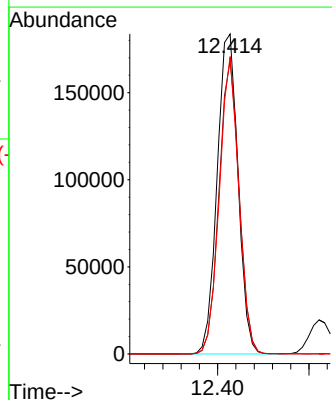
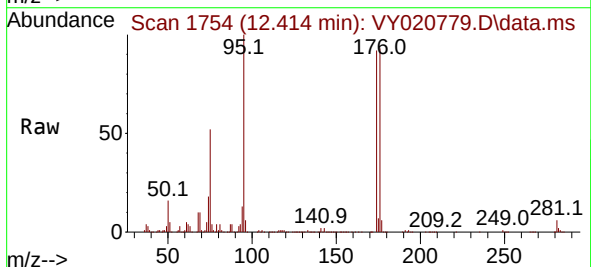
Instrument :
MSVOA_Y
ClientSampleId :

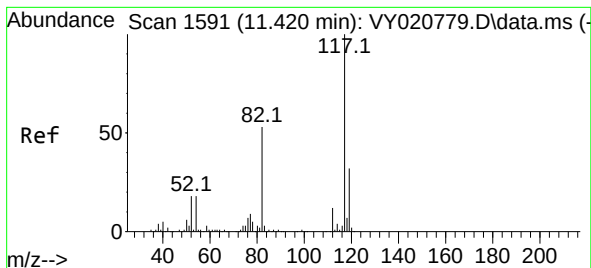
Tgt Ion:107 Resp: 149961
Ion Ratio Lower Upper
107 100
109 94.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 139.730 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 95 Resp: 290862
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.0
176 86.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

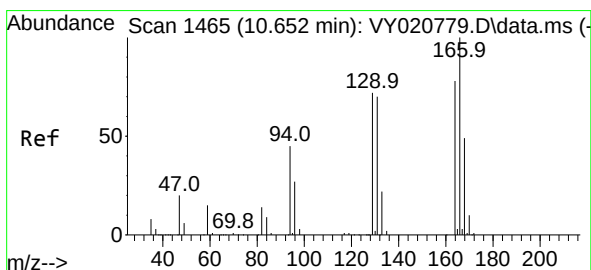
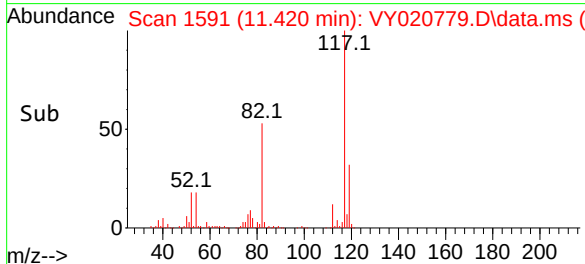
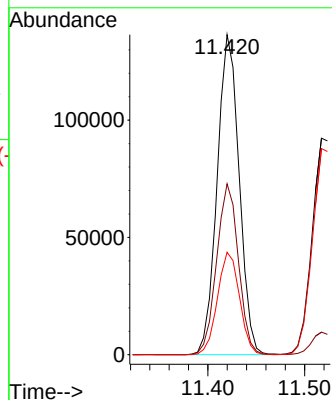
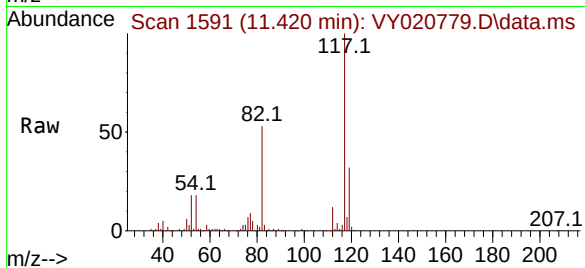
Tgt Ion:117 Resp: 215680

Ion Ratio Lower Upper

117 100

82 53.4 41.8 62.6

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 142.102 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Tgt Ion:164 Resp: 225333

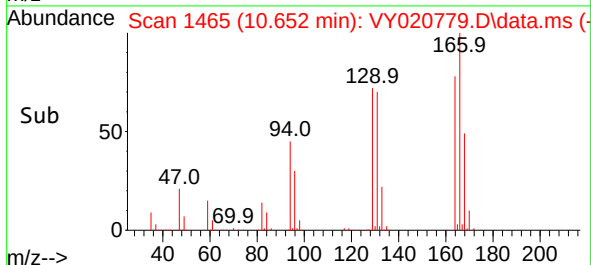
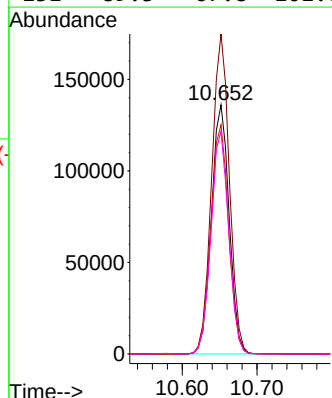
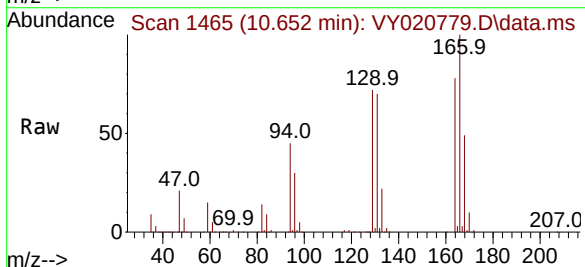
Ion Ratio Lower Upper

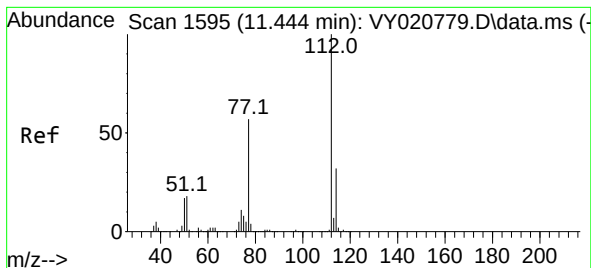
164 100

166 128.4 102.0 153.0

129 91.9 71.4 107.2

131 89.3 67.8 101.6





#65

Chlorobenzene

Concen: 141.131 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

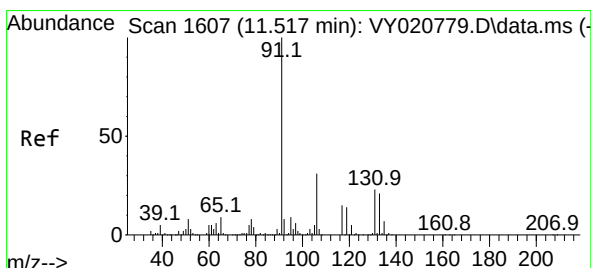
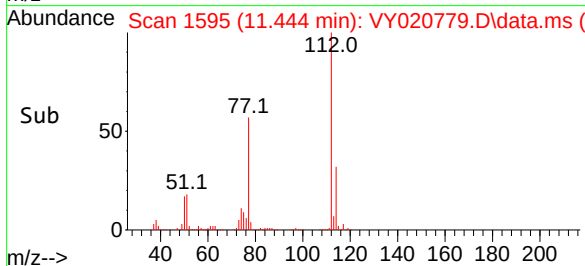
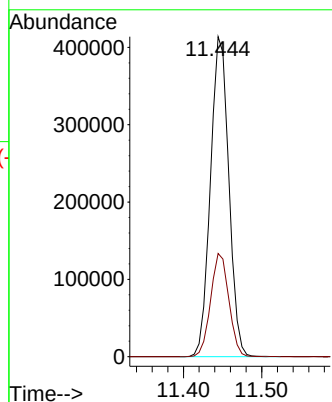
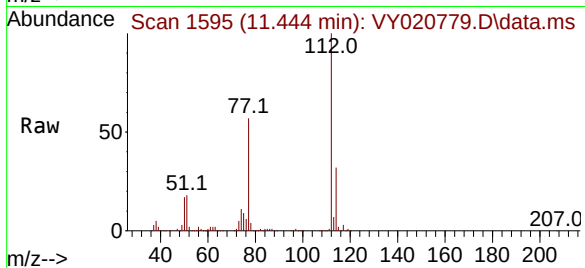
ClientSampleId :

Tgt Ion:112 Resp: 673005

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 138.147 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

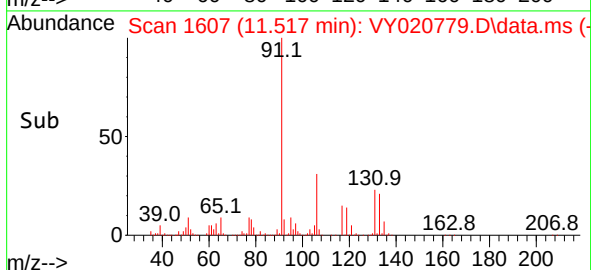
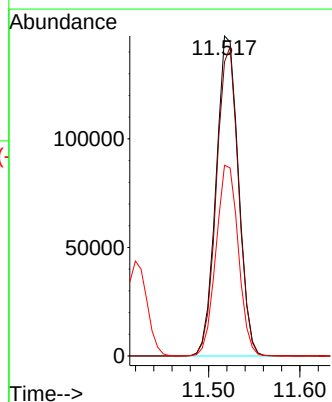
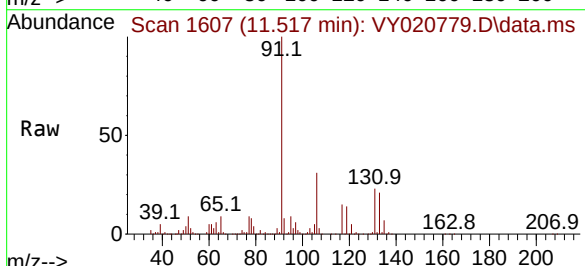
Tgt Ion:131 Resp: 250790

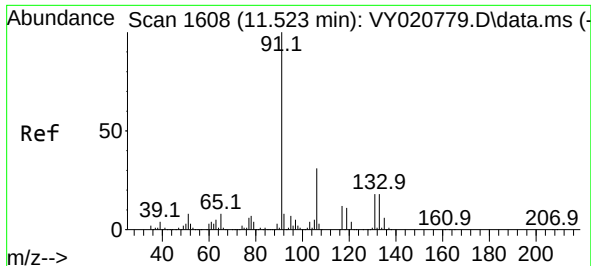
Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.8

119 59.6 30.2 90.6

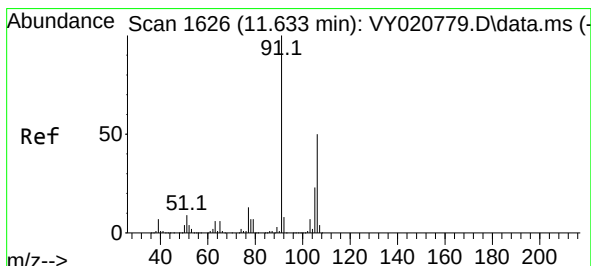
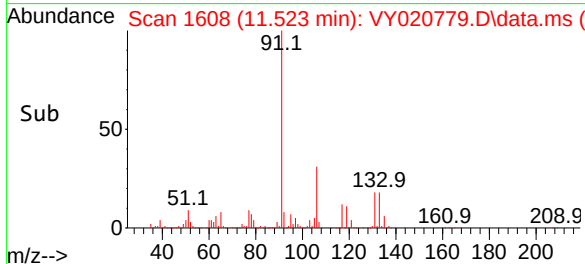
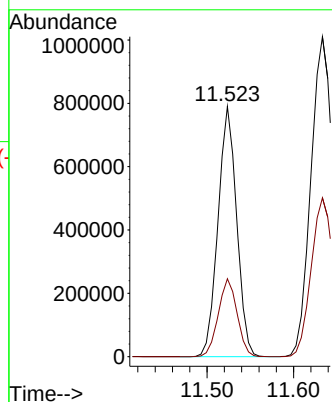
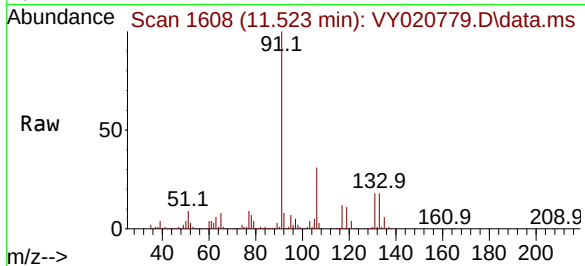




#67
Ethyl Benzene
Concen: 143.248 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

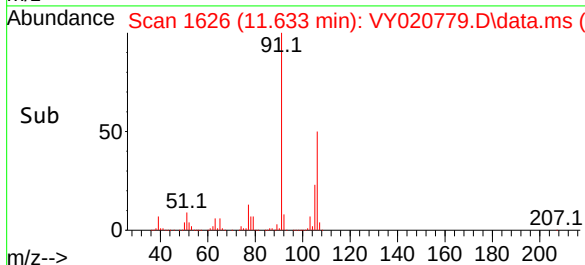
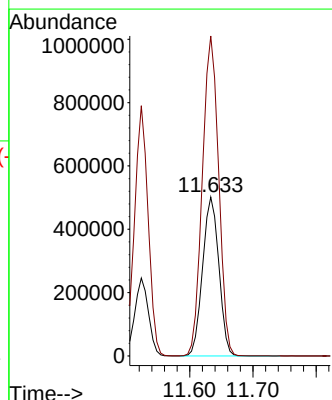
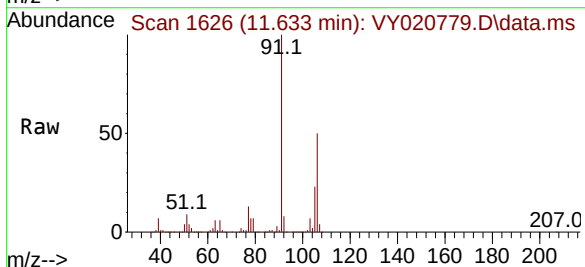
Instrument :
MSVOA_Y
ClientSampleId :

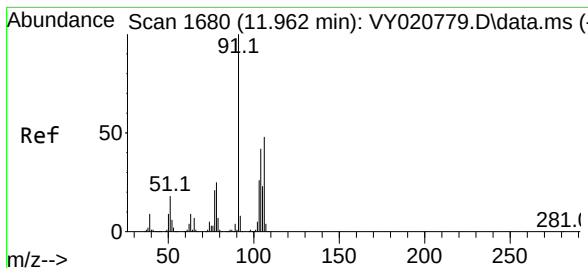
Tgt Ion: 91 Resp: 1182671
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 282.599 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:106 Resp: 898303
Ion Ratio Lower Upper
106 100
91 202.2 162.6 243.8

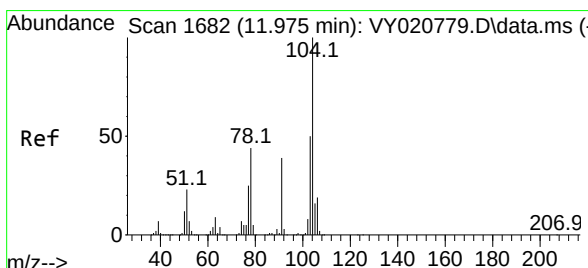
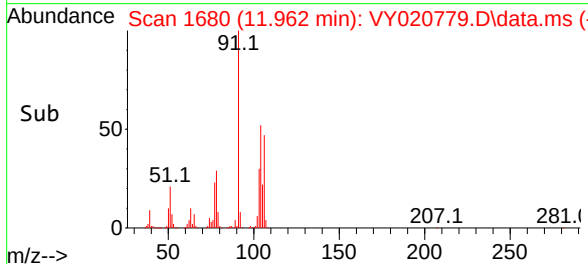
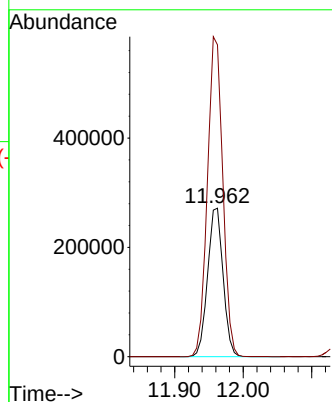
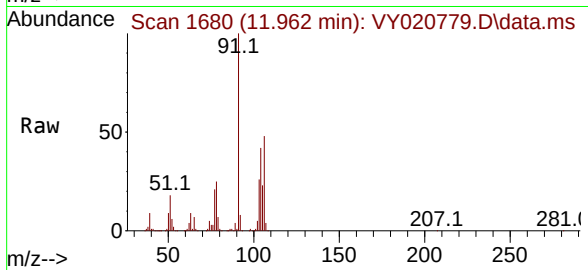




#69
o-Xylene
Concen: 141.802 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

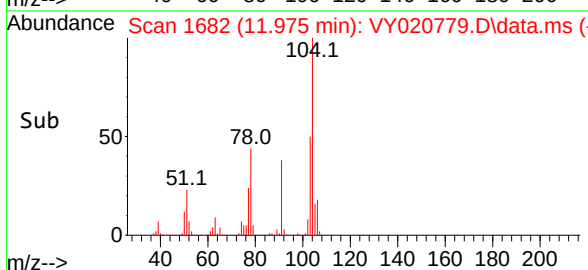
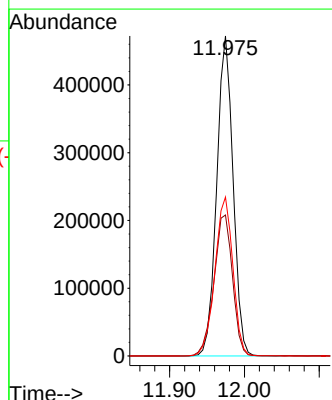
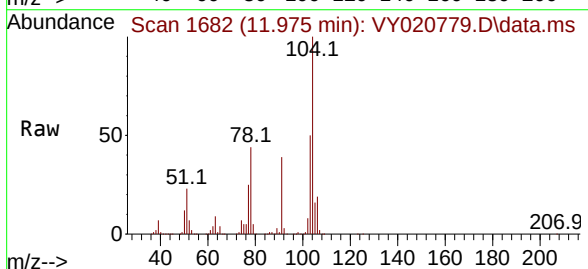
Instrument :
MSVOA_Y
ClientSampleId :

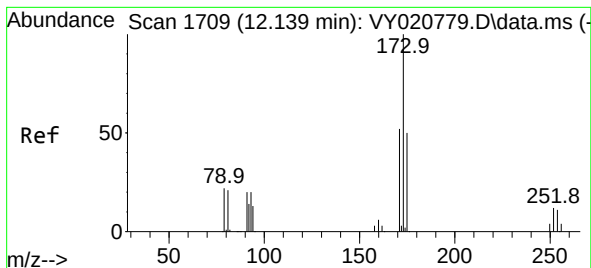
Tgt Ion:106 Resp: 427379
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6



#70
Styrene
Concen: 141.702 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:104 Resp: 718912
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 54.7 44.0 66.0





#71

Bromoform

Concen: 139.365 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

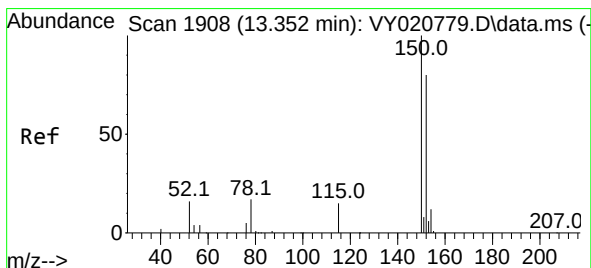
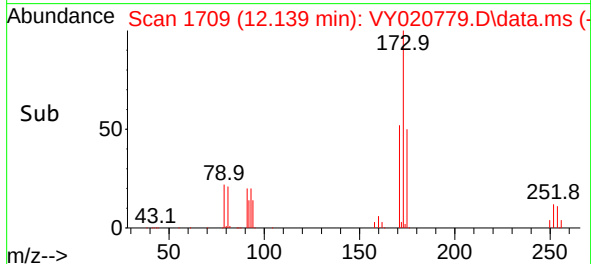
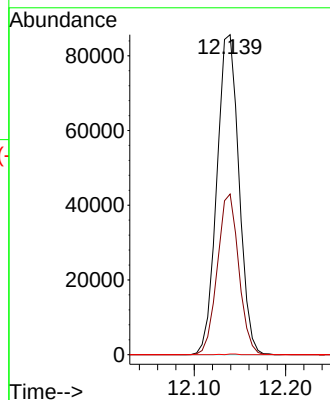
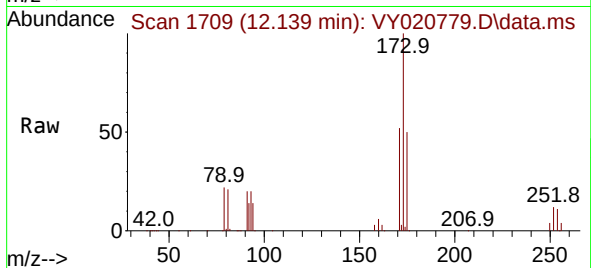
Tgt Ion:173 Resp: 143825

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

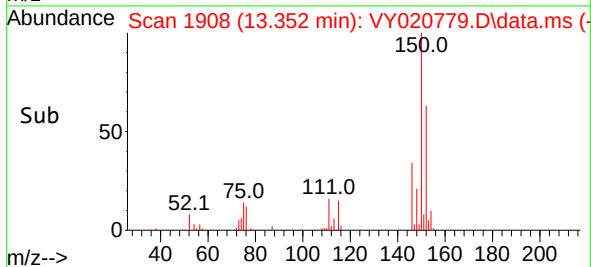
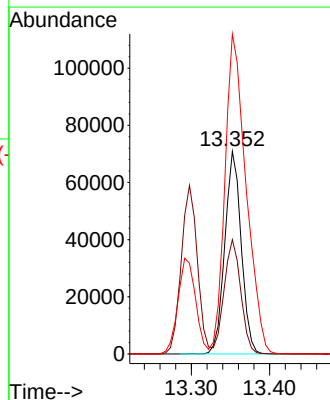
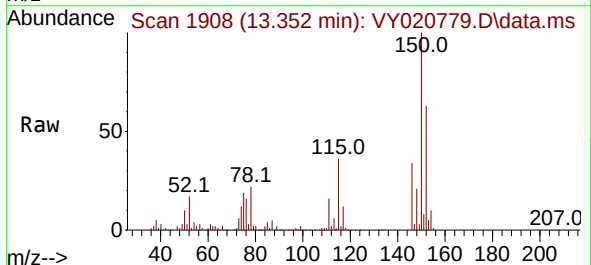
Tgt Ion:152 Resp: 103466

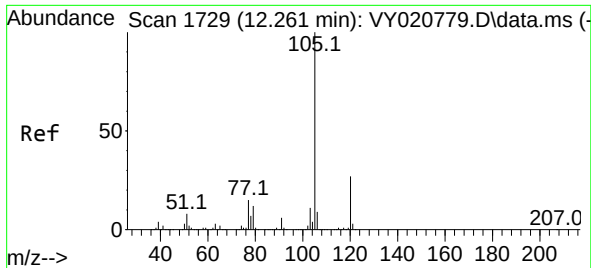
Ion Ratio Lower Upper

152 100

115 56.8 29.0 87.0

150 202.7 0.0 347.4

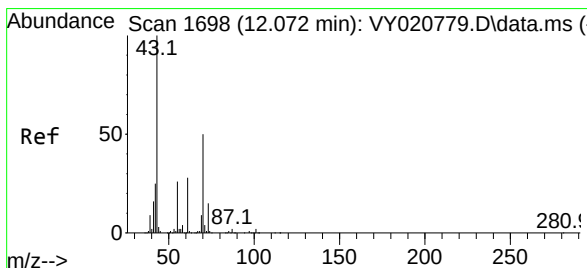
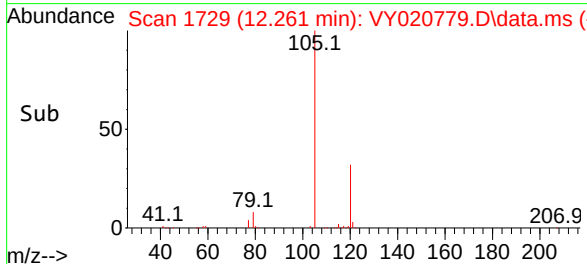
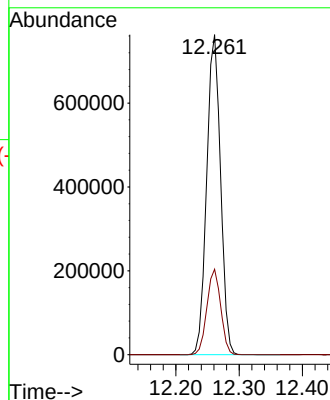
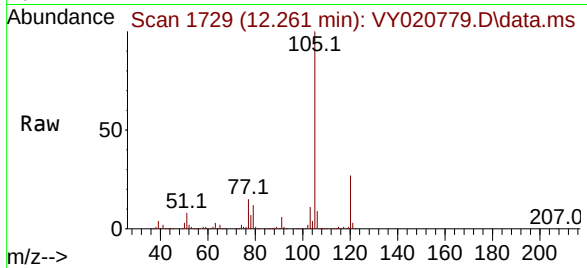




#73
Isopropylbenzene
Concen: 141.588 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

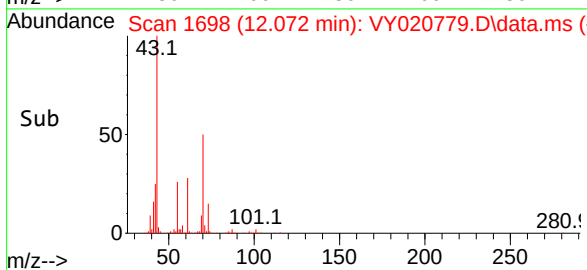
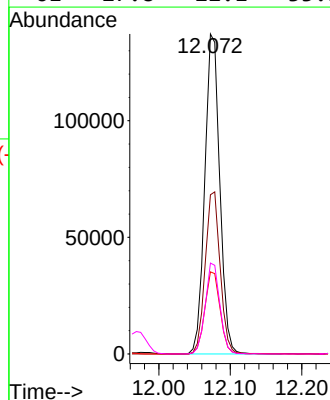
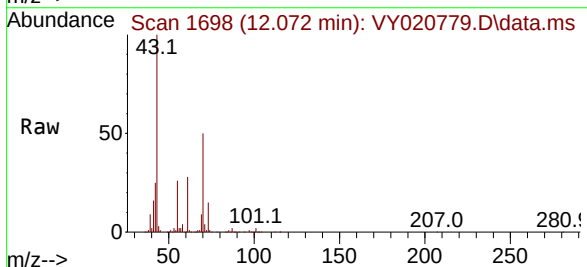
Instrument :
MSVOA_Y
ClientSampleId :

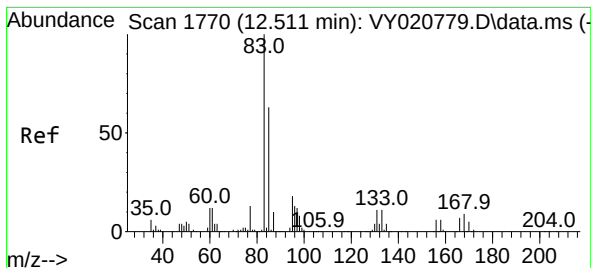
Tgt Ion:105 Resp: 1162180
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 148.973 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 43 Resp: 200018
Ion Ratio Lower Upper
43 100
70 50.5 40.2 60.4
55 26.1 21.2 31.8
61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 135.968 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

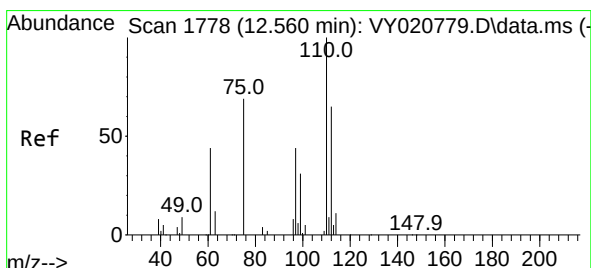
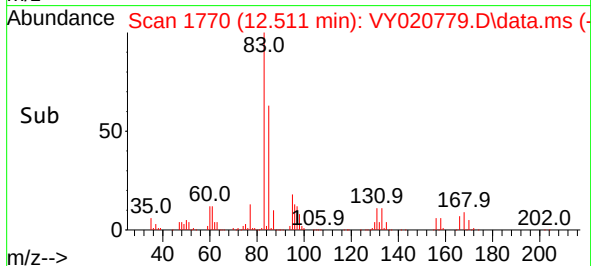
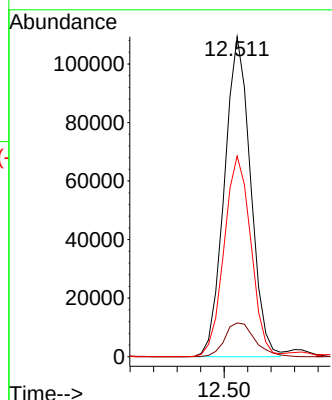
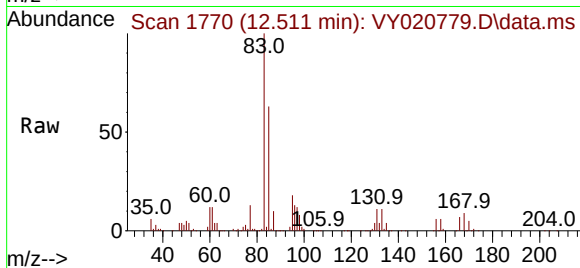
Tgt Ion: 83 Resp: 169153

Ion Ratio Lower Upper

83 100

131 12.1 6.0 18.0

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 250.392 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY020779.D

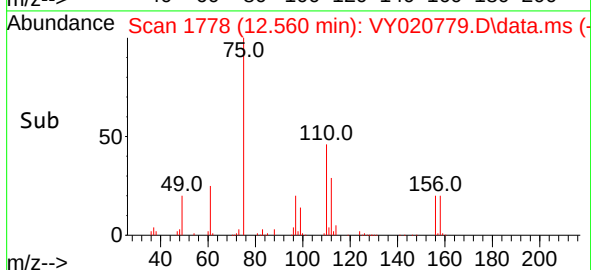
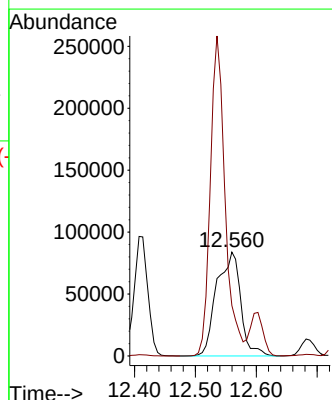
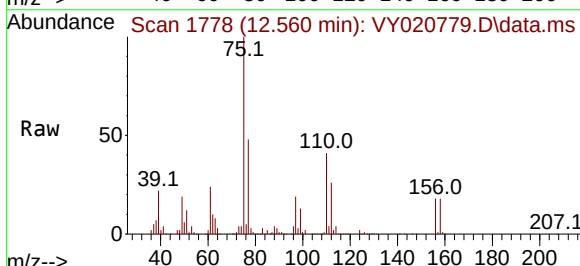
Acq: 06 Jan 2025 11:31

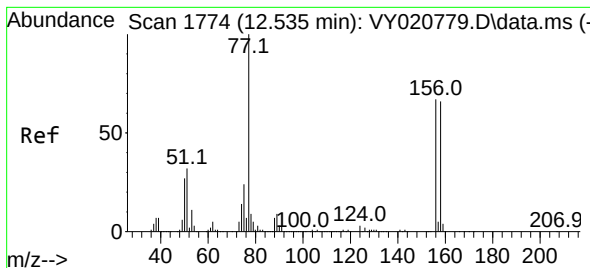
Tgt Ion: 75 Resp: 229324

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 141.489 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

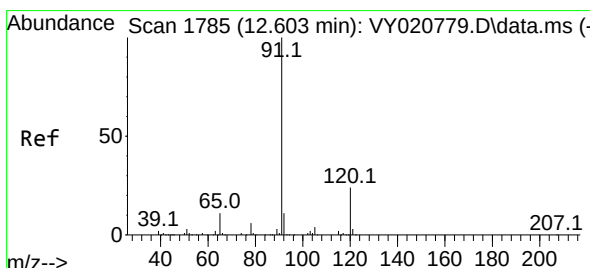
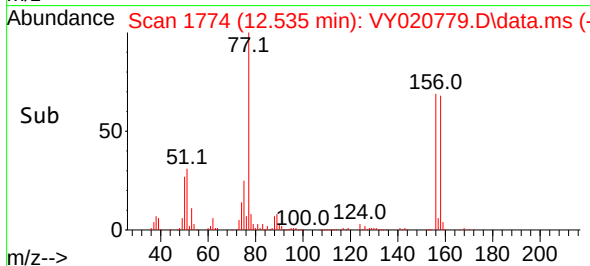
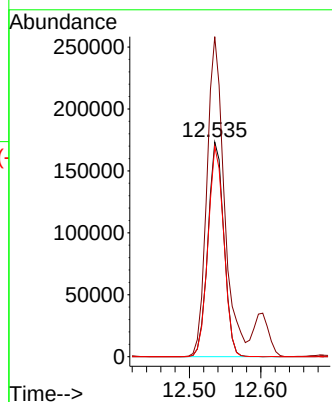
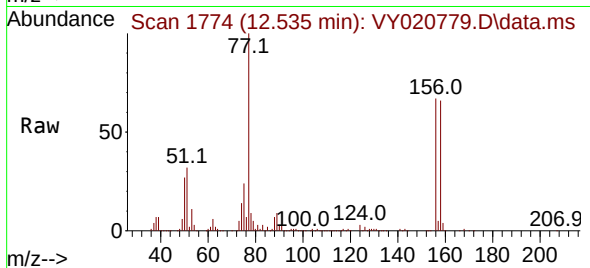
Tgt Ion:156 Resp: 267760

Ion Ratio Lower Upper

156 100

77 162.6 82.3 247.0

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 142.370 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020779.D

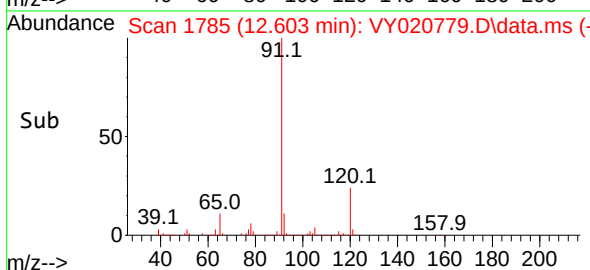
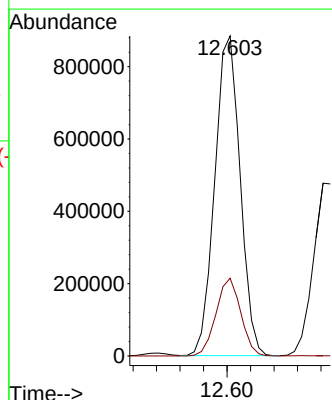
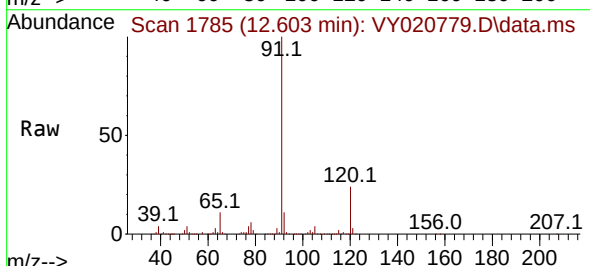
Acq: 06 Jan 2025 11:31

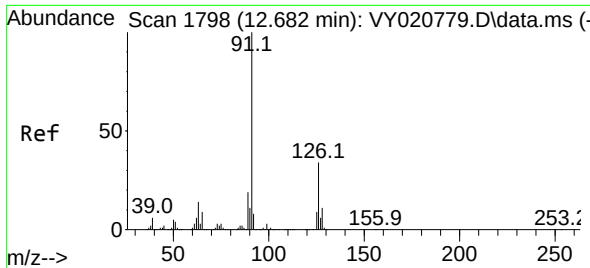
Tgt Ion: 91 Resp: 1326411

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.1

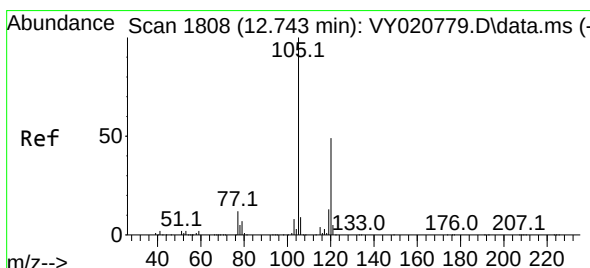
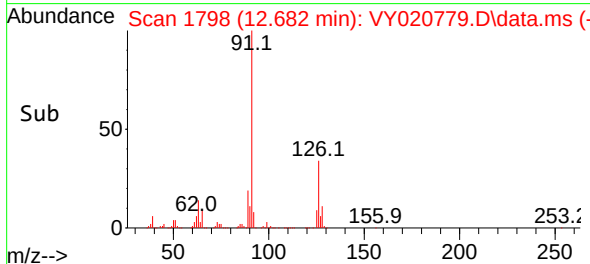
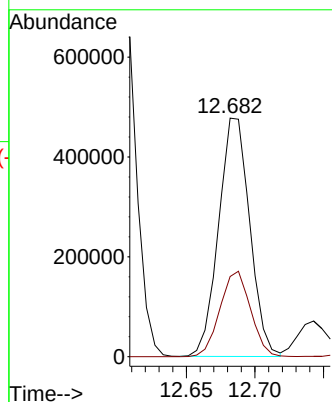
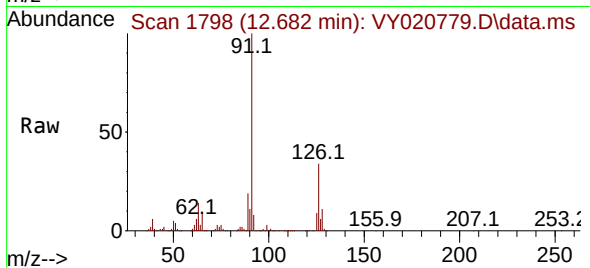




#79
2-Chlorotoluene
Concen: 141.028 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

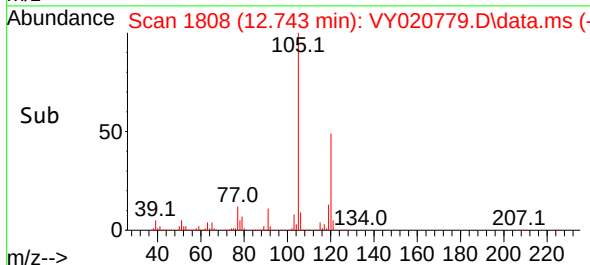
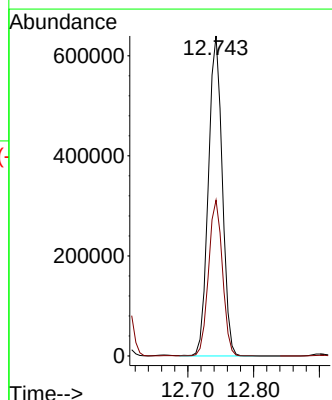
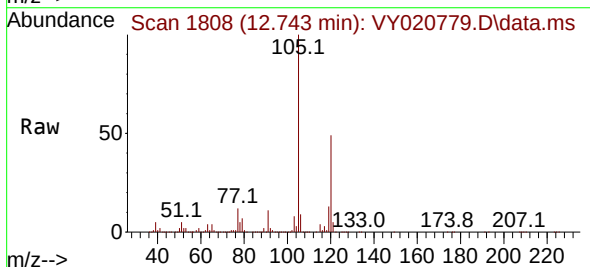
Instrument :
MSVOA_Y
ClientSampleId :

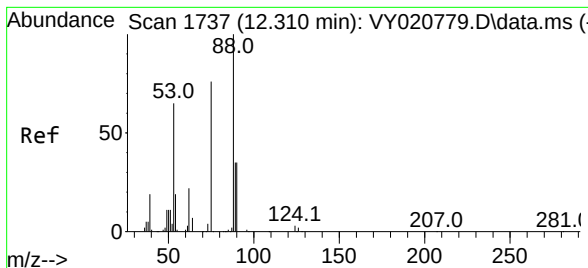
Tgt Ion: 91 Resp: 756633
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 141.034 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 105 Resp: 938162
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5

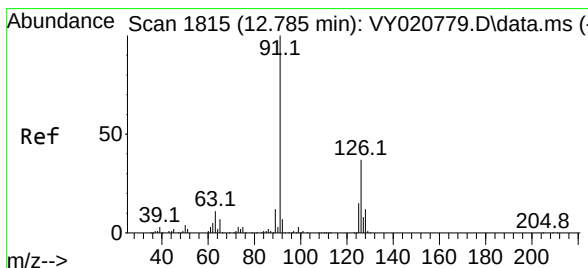
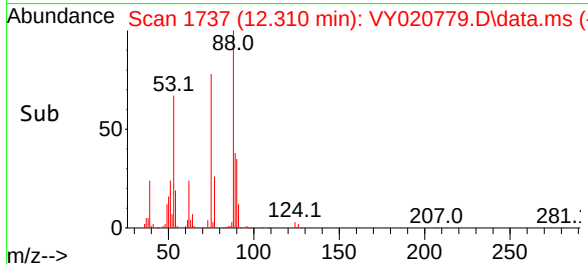
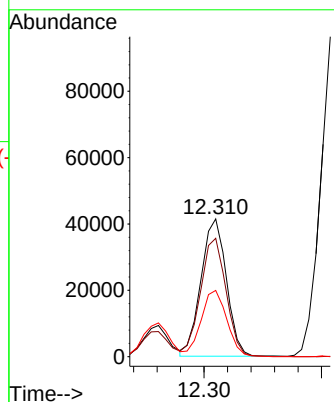
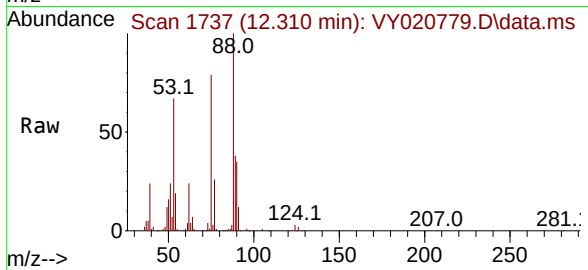




#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.587 ug/l
 RT: 12.310 min Scan# 1737
 Delta R.T. -0.000 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

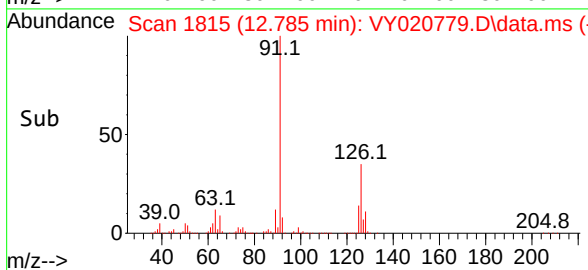
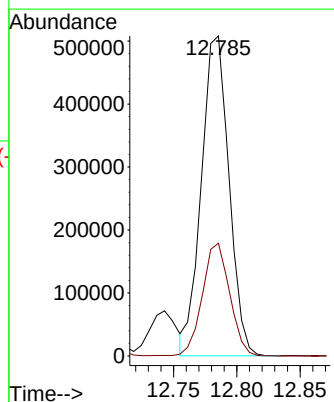
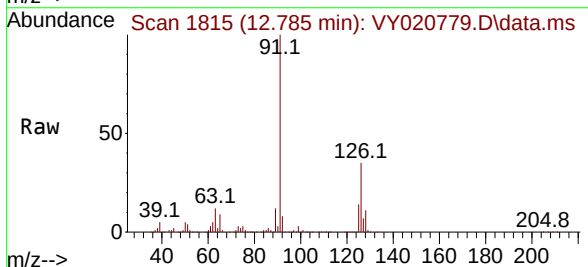
Instrument :
 MSVOA_Y
 ClientSampleId :

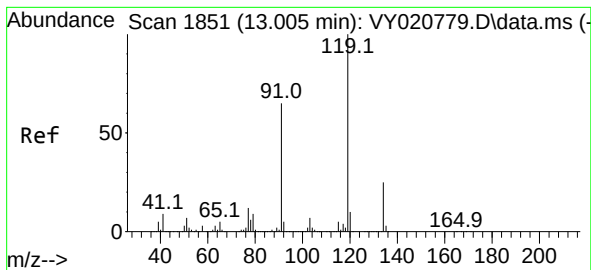
Tgt Ion: 75 Resp: 62079
 Ion Ratio Lower Upper
 75 100
 53 87.4 69.4 104.0
 89 49.4 39.6 59.4



#82
 4-Chlorotoluene
 Concen: 139.378 ug/l
 RT: 12.785 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

Tgt Ion: 91 Resp: 771706
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.3 51.7

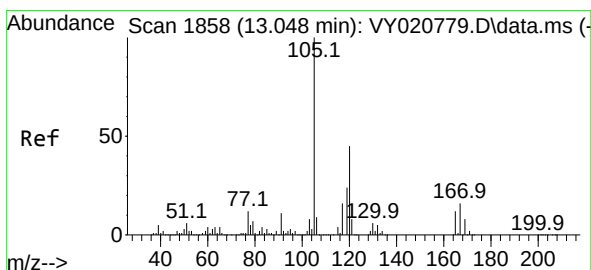
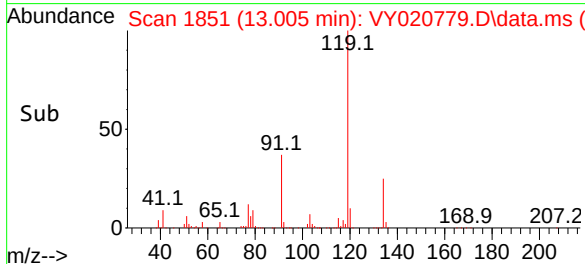
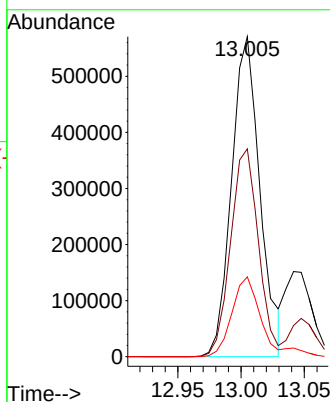
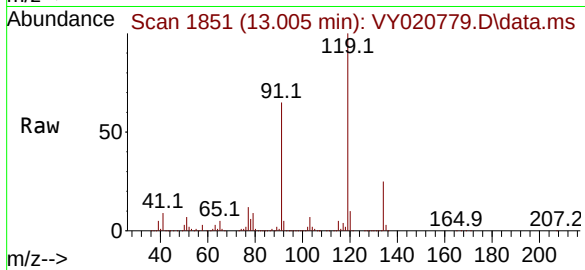




#83
 tert-Butylbenzene
 Concen: 143.335 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

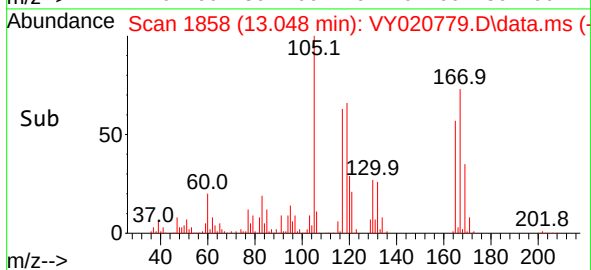
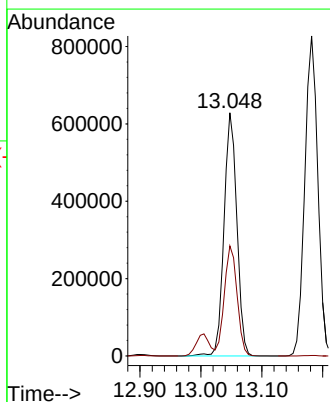
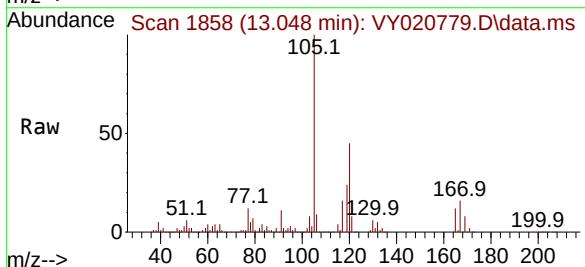
Instrument :
 MSVOA_Y
 ClientSampleId :

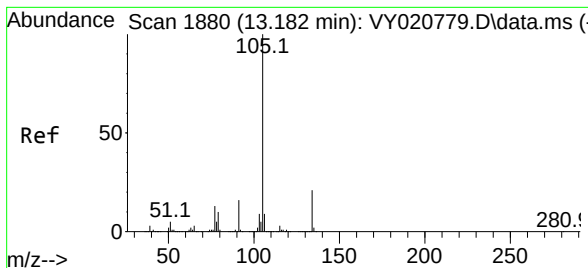
Tgt Ion:119 Resp: 891773
 Ion Ratio Lower Upper
 119 100
 91 63.7 33.0 98.9
 134 26.2 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 141.774 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY020779.D
 Acq: 06 Jan 2025 11:31

Tgt Ion:105 Resp: 920950
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 140.959 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

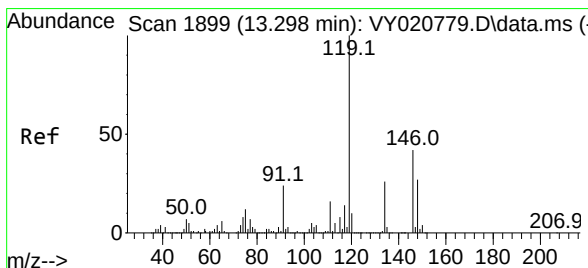
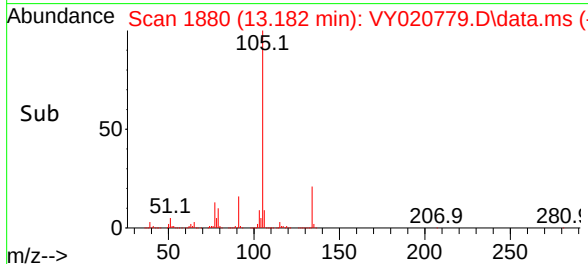
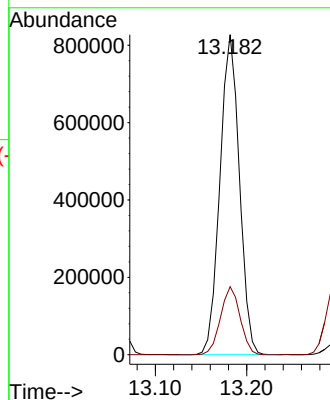
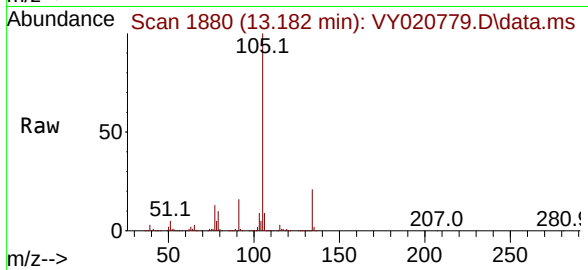
ClientSampleId :

Tgt Ion:105 Resp: 1224969

Ion Ratio Lower Upper

105 100

134 21.3 10.5 31.5



#86

p-Isopropyltoluene

Concen: 142.810 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

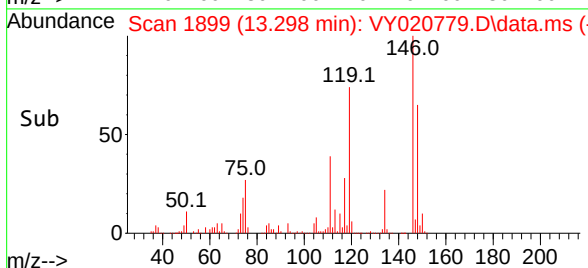
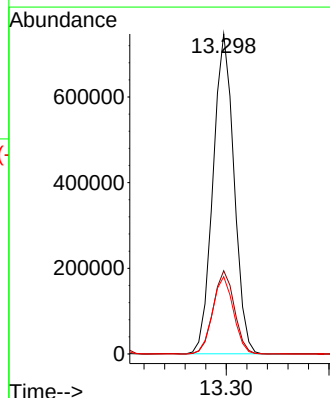
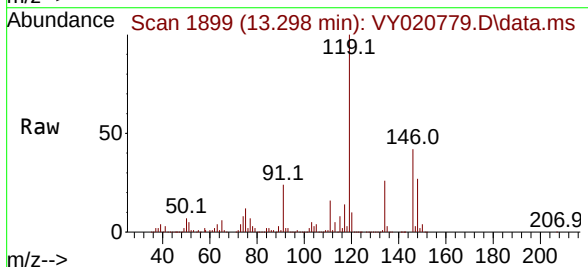
Tgt Ion:119 Resp: 1058709

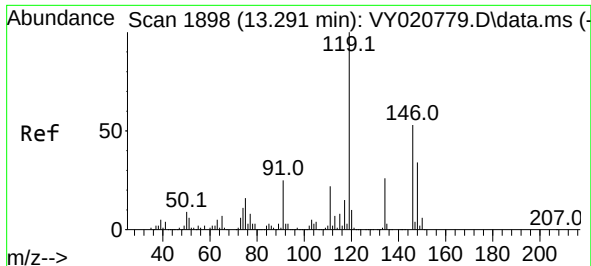
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 24.1 11.8 35.3

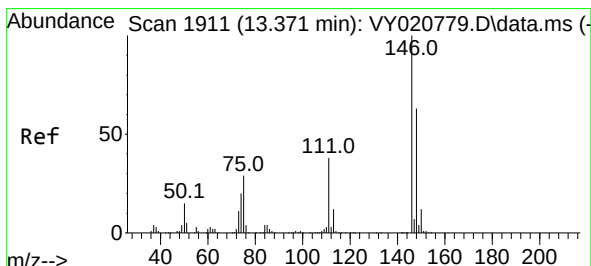
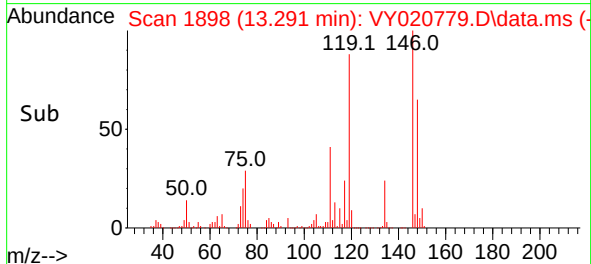
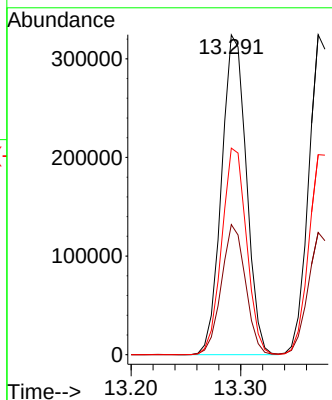
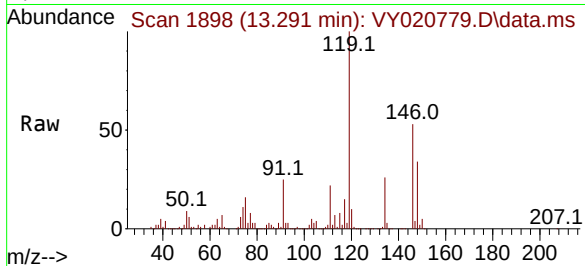




#87
1,3-Dichlorobenzene
Concen: 138.692 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

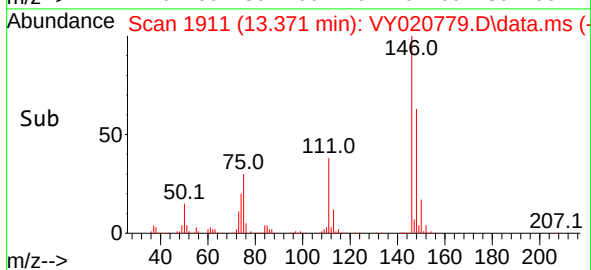
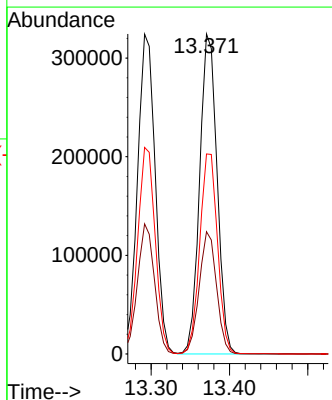
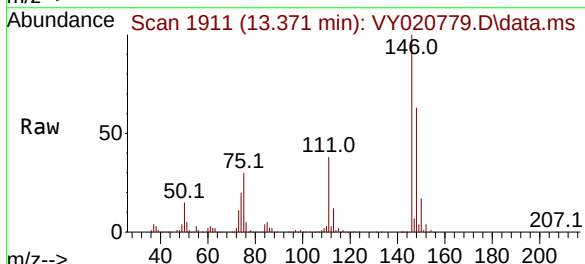
Instrument :
MSVOA_Y
ClientSampleId :

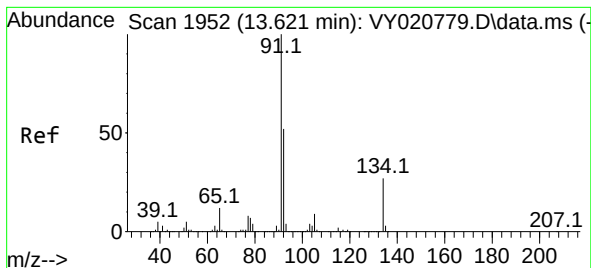
Tgt Ion:146 Resp: 509985
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 64.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 138.489 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion:146 Resp: 501273
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.3
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 145.872 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

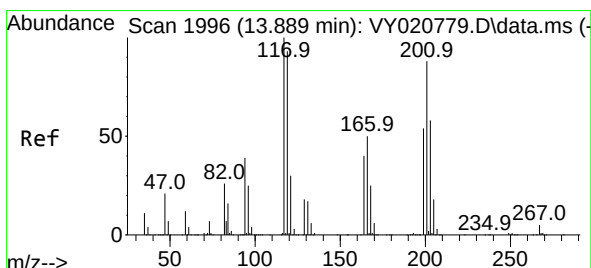
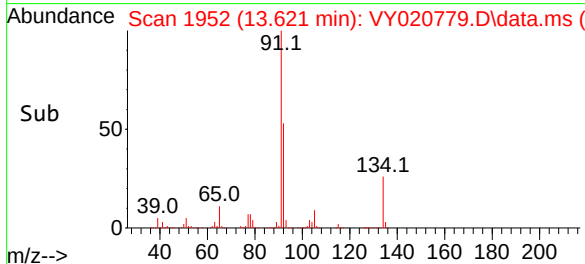
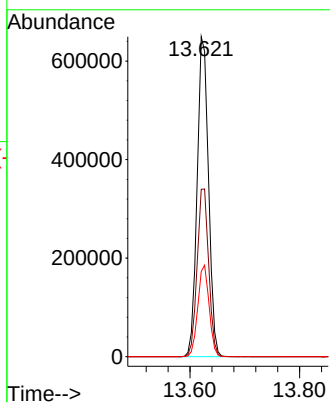
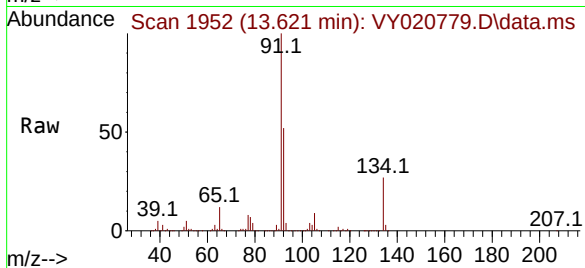
Tgt Ion: 91 Resp: 938173

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.4

134 28.4 13.8 41.4



#90

Hexachloroethane

Concen: 142.425 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020779.D

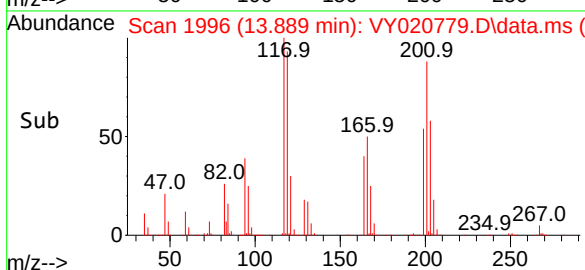
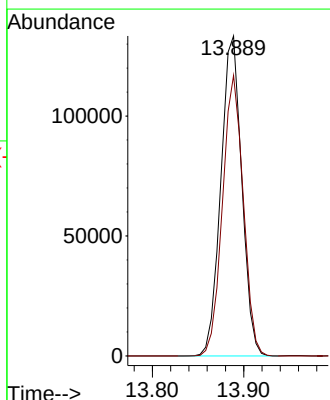
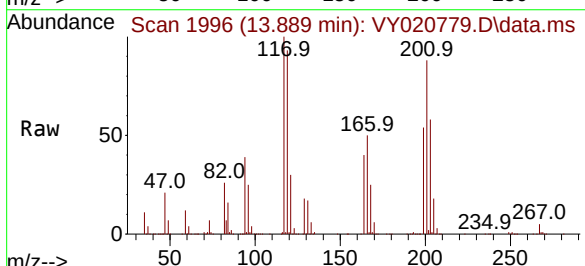
Acq: 06 Jan 2025 11:31

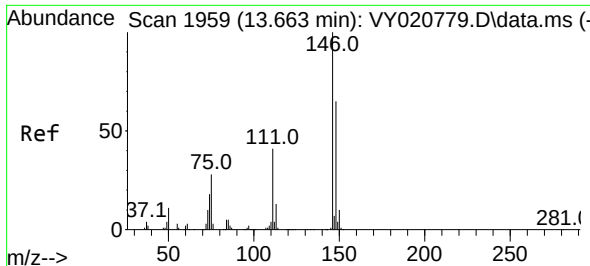
Tgt Ion: 117 Resp: 212012

Ion Ratio Lower Upper

117 100

201 86.9 42.9 128.7

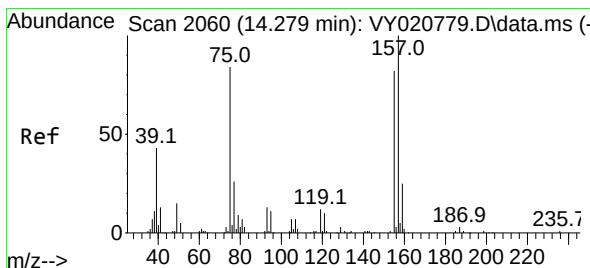
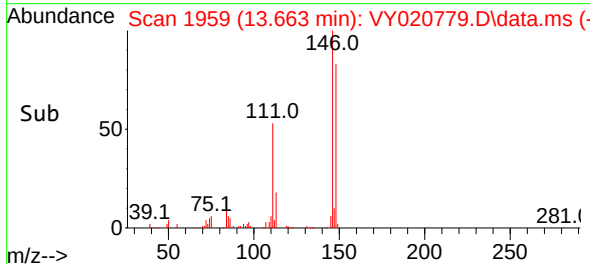
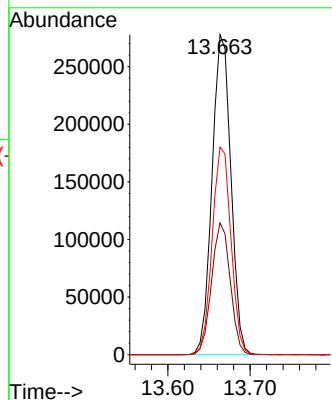
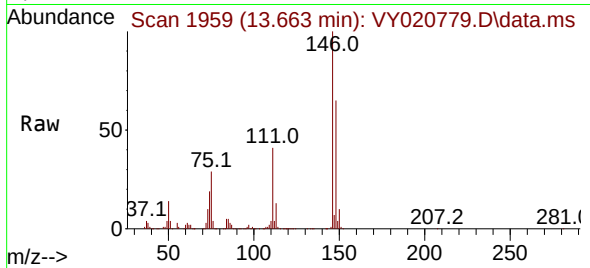




#91
1,2-Dichlorobenzene
Concen: 137.560 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

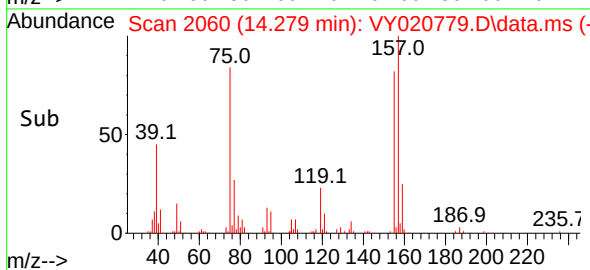
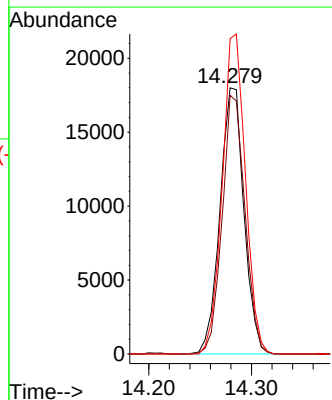
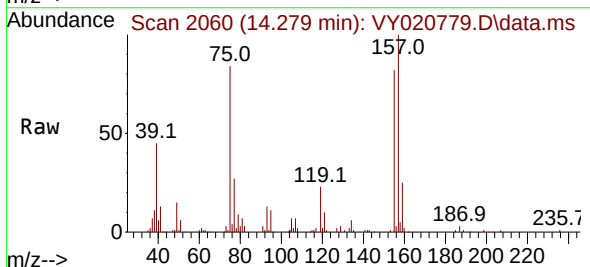
Instrument :
MSVOA_Y
ClientSampleId :

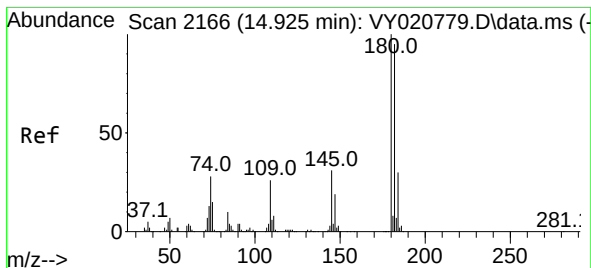
Tgt Ion:146 Resp: 442265
Ion Ratio Lower Upper
146 100
111 40.8 20.0 60.0
148 64.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 144.919 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY020779.D
Acq: 06 Jan 2025 11:31

Tgt Ion: 75 Resp: 29151
Ion Ratio Lower Upper
75 100
155 92.2 45.5 136.5
157 116.0 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 161.964 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

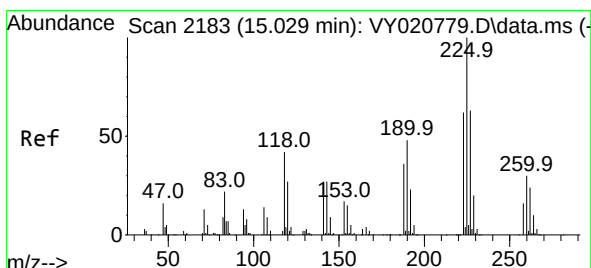
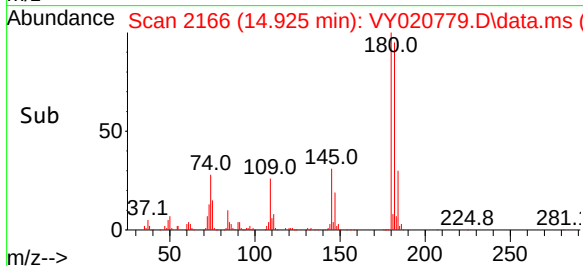
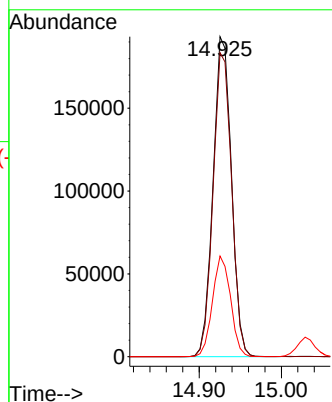
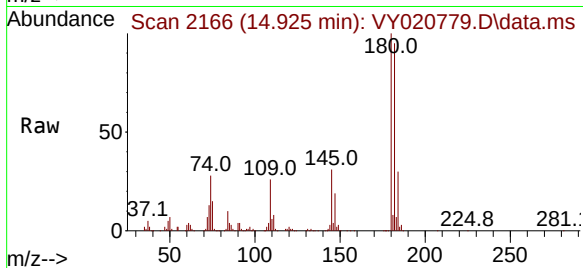
Tgt Ion:180 Resp: 299677

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 31.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 154.638 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

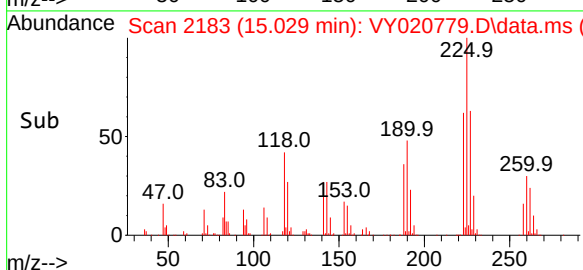
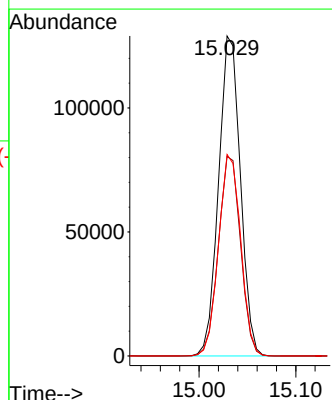
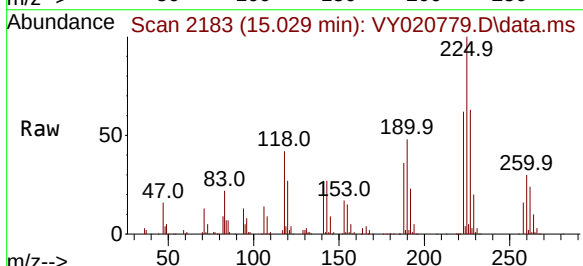
Tgt Ion:225 Resp: 201708

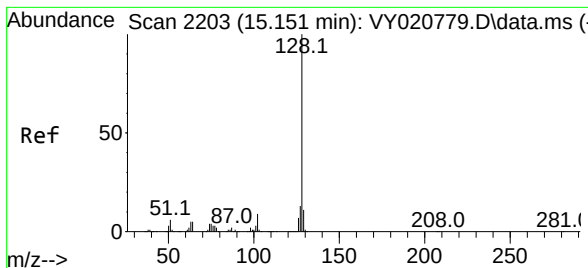
Ion Ratio Lower Upper

225 100

223 63.4 31.6 94.8

227 64.0 32.2 96.6





#95

Naphthalene

Concen: 167.358 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

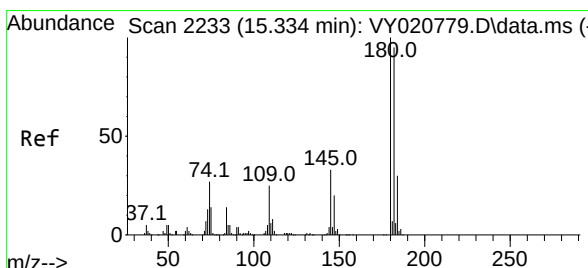
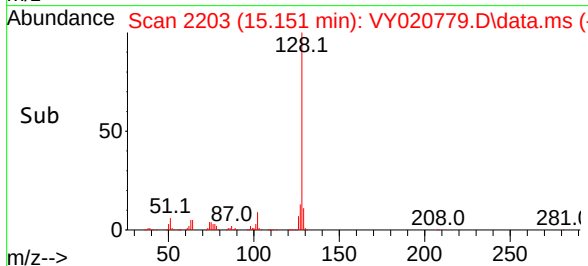
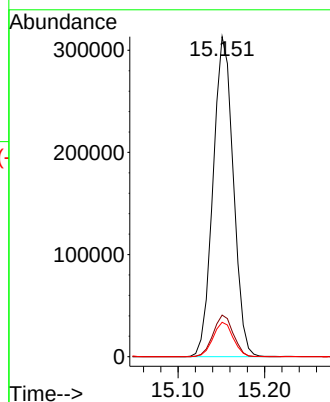
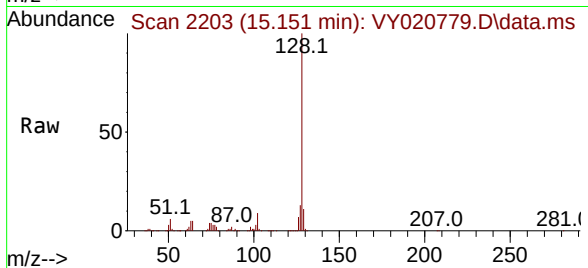
Tgt Ion:128 Resp: 509646

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 163.656 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY020779.D

Acq: 06 Jan 2025 11:31

Tgt Ion:180 Resp: 253691

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.3

145 32.1 16.1 48.2

