

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020787.D
 Acq On : 06 Jan 2025 16:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 02:04:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	180336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	265429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	227071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	111829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	85596	55.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.680%	
35) Dibromofluoromethane	7.640	113	88600	53.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.560%	
50) Toluene-d8	10.115	98	338623	58.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.820%	
62) 4-Bromofluorobenzene	12.414	95	115743	54.068	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	58540	44.232	ug/l	98
3) Chloromethane	2.074	50	34055	48.870	ug/l	99
4) Vinyl Chloride	2.214	62	38258	49.387	ug/l	99
5) Bromomethane	2.605	94	26822	48.612	ug/l	100
6) Chloroethane	2.745	64	24062	50.365	ug/l	95
7) Trichlorofluoromethane	3.074	101	110378	46.425	ug/l	96
8) Diethyl Ether	3.464	74	36487	49.074	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	74422	46.352	ug/l	99
10) Methyl Iodide	4.019	142	83097	48.294	ug/l	98
11) Tert butyl alcohol	4.872	59	23606	203.813	ug/l #	85
12) 1,1-Dichloroethene	3.806	96	67980	48.339	ug/l	98
13) Acrolein	3.665	56	4417	135.798	ug/l	97
14) Allyl chloride	4.397	41	100029	49.302	ug/l	97
15) Acrylonitrile	5.068	53	75356	238.474	ug/l	99
16) Acetone	3.879	43	50017	229.471	ug/l	99
17) Carbon Disulfide	4.123	76	154393	50.607	ug/l	97
18) Methyl Acetate	4.397	43	35991	48.903	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	187153	47.156	ug/l	96
20) Methylene Chloride	4.629	84	73924	49.109	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	75173	48.540	ug/l	99
22) Diisopropyl ether	6.031	45	218192	50.484	ug/l	99
23) Vinyl Acetate	5.970	43	587873	246.692	ug/l	98
24) 1,1-Dichloroethane	5.933	63	138065	48.418	ug/l	99
25) 2-Butanone	6.909	43	84910	237.147	ug/l	100
26) 2,2-Dichloropropane	6.896	77	135552	45.785	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	93376	47.788	ug/l	99
28) Bromochloromethane	7.256	49	36827	47.862	ug/l	97
29) Tetrahydrofuran	7.274	42	55724	243.634	ug/l	97
30) Chloroform	7.433	83	151921	46.719	ug/l	98
31) Cyclohexane	7.713	56	102592	45.997	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	146684	46.245	ug/l	100
36) 1,1-Dichloropropene	7.848	75	99535	46.928	ug/l	99
37) Ethyl Acetate	6.994	43	41174	48.781	ug/l	98
38) Carbon Tetrachloride	7.829	117	137054	46.420	ug/l	98
39) Methylcyclohexane	9.116	83	124901	47.988	ug/l	99
40) Benzene	8.085	78	316266	48.584	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	22614	46.782	ug/l	93
42) 1,2-Dichloroethane	8.165	62	84721	47.657	ug/l	99
43) Isopropyl Acetate	8.201	43	82750	48.201	ug/l #	88
44) Trichloroethene	8.872	130	86716	47.786	ug/l	100
45) 1,2-Dichloropropane	9.146	63	72446	49.091	ug/l	96
46) Dibromomethane	9.238	93	41267	48.697	ug/l	96
47) Bromodichloromethane	9.433	83	115728	47.684	ug/l	97
48) Methyl methacrylate	9.225	41	37165	48.288	ug/l	97
49) 1,4-Dioxane	9.238	88	9029	1003.502	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	206747	241.054	ug/l	100
52) Toluene	10.176	92	208348	48.333	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	104339	48.337	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	122336	48.799	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	57324	47.349	ug/l	94
56) Ethyl methacrylate	10.445	69	75716	49.521	ug/l	98
57) 1,3-Dichloropropane	10.725	76	95923	48.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	132130	217.836	ug/l	99
59) 2-Hexanone	10.768	43	134952	245.259	ug/l	98
60) Dibromochloromethane	10.920	129	83851	47.755	ug/l	100
61) 1,2-Dibromoethane	11.024	107	51970	47.815	ug/l	99
64) Tetrachloroethene	10.652	164	76261	45.680	ug/l	98
65) Chlorobenzene	11.451	112	237718	47.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	88395	46.250	ug/l	100
67) Ethyl Benzene	11.524	91	409398	47.100	ug/l	99
68) m/p-Xylenes	11.633	106	311398	93.049	ug/l	100
69) o-Xylene	11.963	106	149158	47.007	ug/l	99
70) Styrene	11.975	104	255545	47.843	ug/l	99
71) Bromoform	12.139	173	49535	45.591	ug/l #	100
73) Isopropylbenzene	12.261	105	409702	46.181	ug/l	100
74) N-amyl acetate	12.078	43	70126	48.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	60500	44.994	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	82101	83.907	ug/l #	100
77) Bromobenzene	12.542	156	94238	46.073	ug/l	99
78) n-propylbenzene	12.603	91	469369	46.612	ug/l	100
79) 2-Chlorotoluene	12.688	91	269104	46.407	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	335241	46.628	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	21981	47.367	ug/l	98
82) 4-Chlorotoluene	12.786	91	276863	46.265	ug/l	100
83) tert-Butylbenzene	13.005	119	308753	45.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	328569	46.798	ug/l	99
85) sec-Butylbenzene	13.182	105	434912	46.303	ug/l	100
86) p-Isopropyltoluene	13.298	119	372456	46.484	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	183002	46.046	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	180609	46.166	ug/l	100
89) n-Butylbenzene	13.627	91	325355	46.805	ug/l	99
90) Hexachloroethane	13.889	117	72330	44.956	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	158444	45.596	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9306	42.803	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	94957	47.483	ug/l	99
94) Hexachlorobutadiene	15.035	225	66895	47.449	ug/l	100
95) Naphthalene	15.157	128	152242	46.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	78399	46.793	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

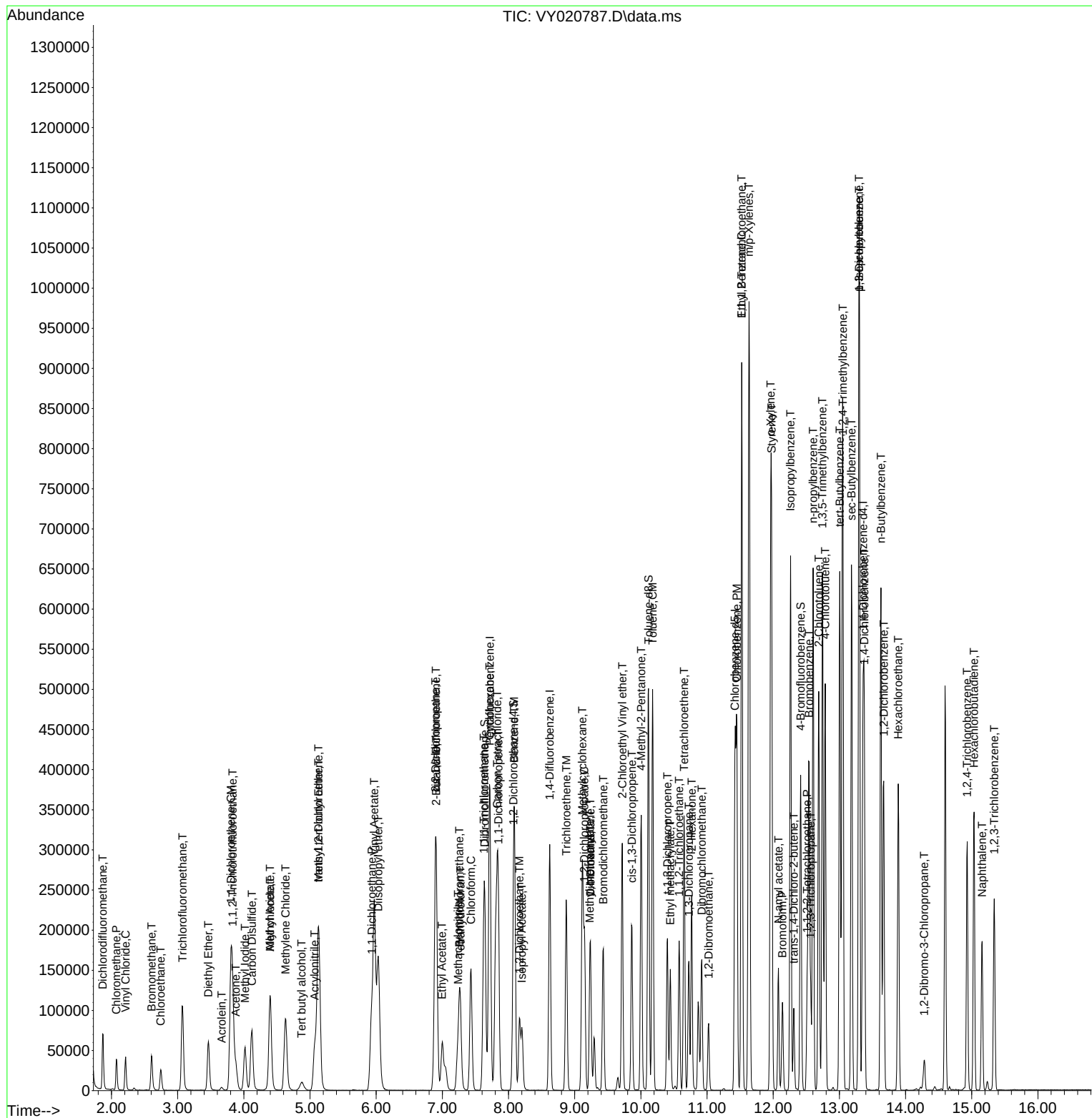
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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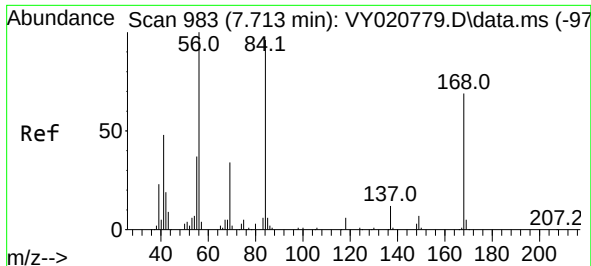
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY020787.D
Acq On : 06 Jan 2025 16:48
Operator : SY/MD
Sample : VSTDC0050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 07 02:04:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
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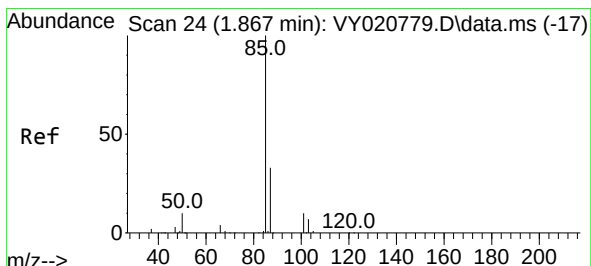
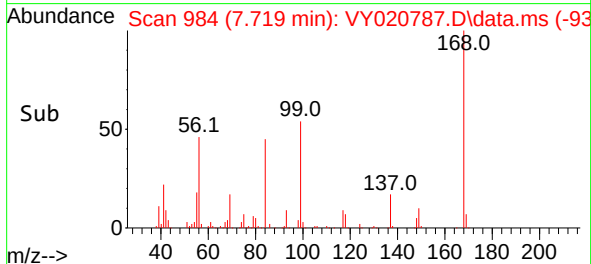
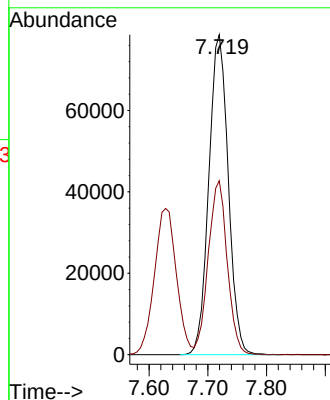
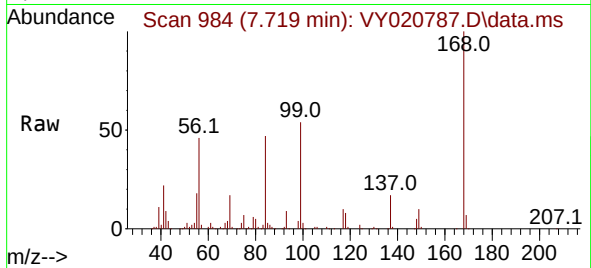




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020787.D
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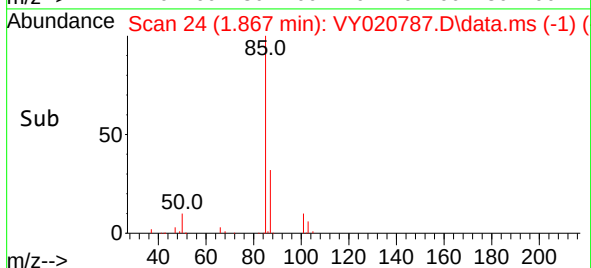
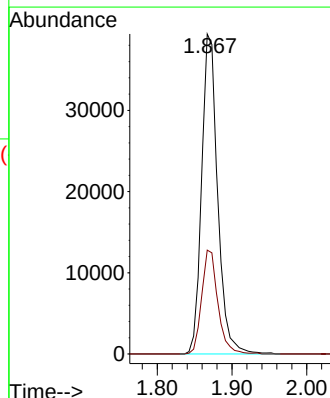
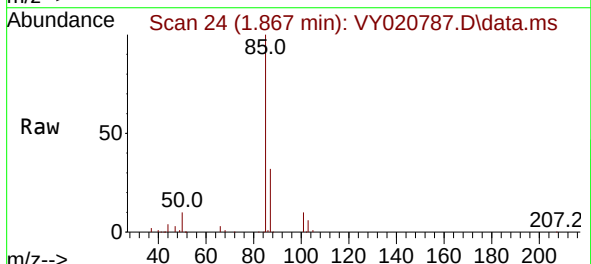
Instrument :
MSVOA_Y
ClientSampleId :

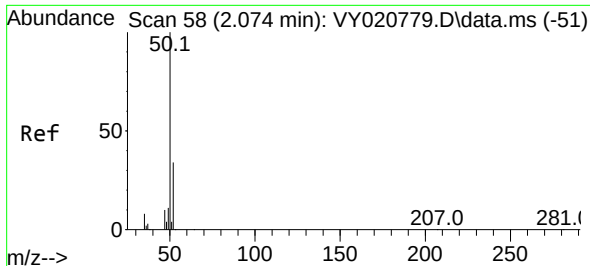
Tgt Ion:168 Resp: 180336
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.232 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 85 Resp: 58540
Ion Ratio Lower Upper
85 100
87 32.4 16.9 50.6

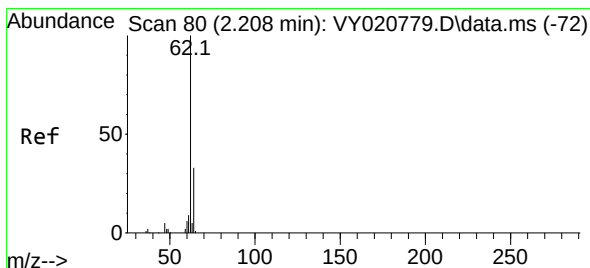
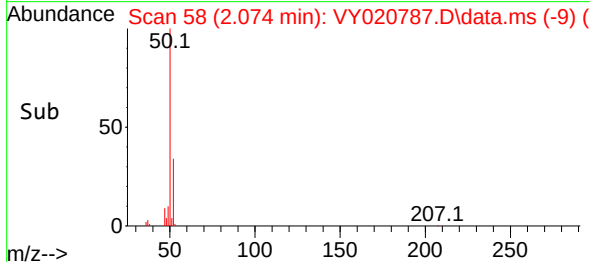
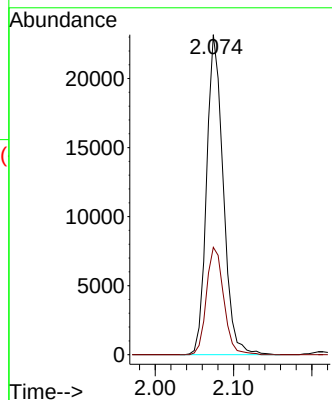
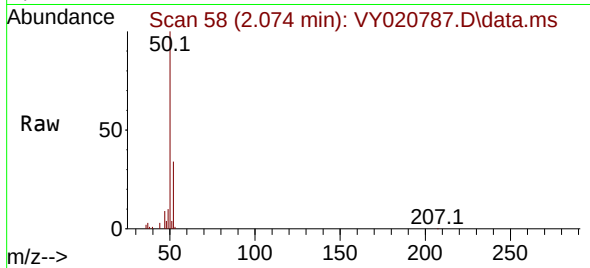




#3
Chloromethane
Concen: 48.870 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

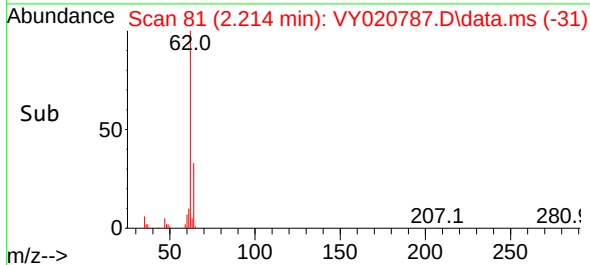
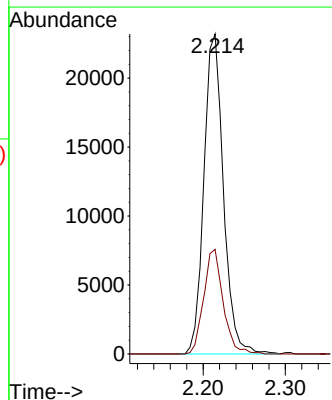
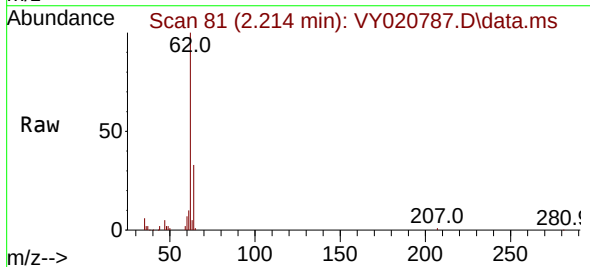
Instrument :
MSVOA_Y
ClientSampleId :

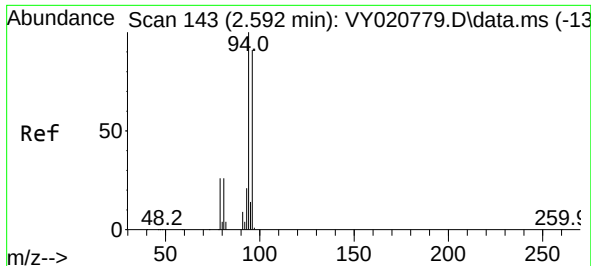
Tgt Ion: 50 Resp: 34055
Ion Ratio Lower Upper
50 100
52 33.6 27.3 40.9



#4
Vinyl Chloride
Concen: 49.387 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 62 Resp: 38258
Ion Ratio Lower Upper
62 100
64 32.7 26.6 39.8

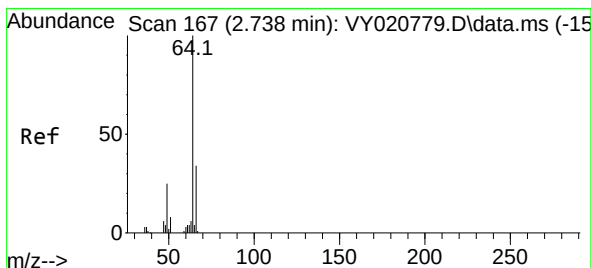
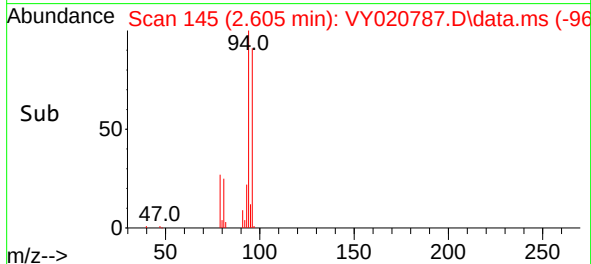
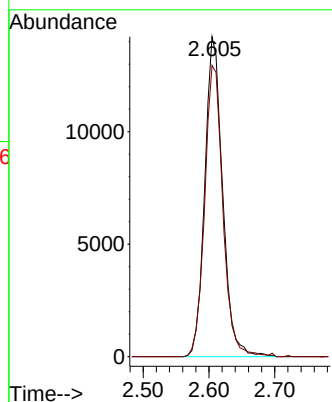
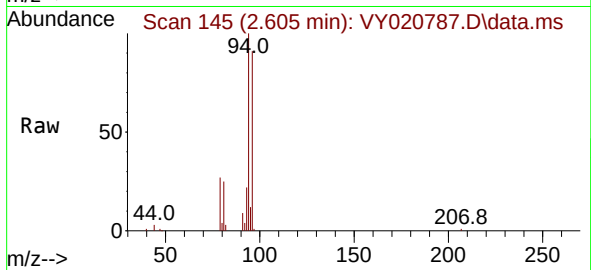




#5
Bromomethane
Concen: 48.612 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

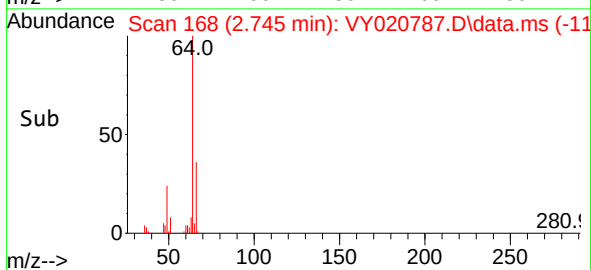
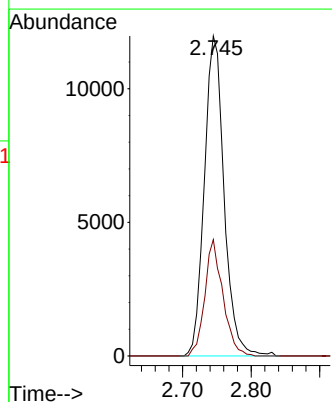
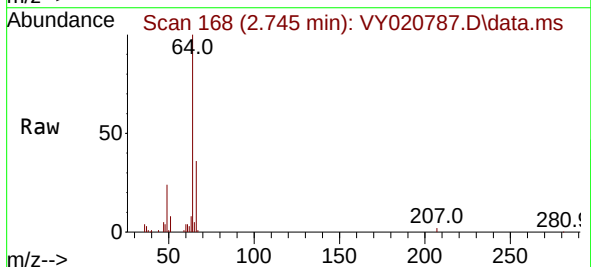
Instrument :
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ClientSampleId :

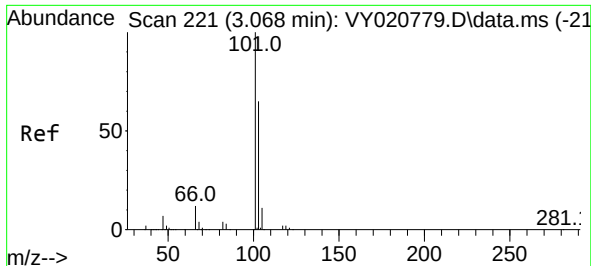
Tgt Ion: 94 Resp: 26822
Ion Ratio Lower Upper
94 100
96 91.0 72.6 109.0



#6
Chloroethane
Concen: 50.365 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 64 Resp: 24062
Ion Ratio Lower Upper
64 100
66 36.3 26.9 40.3

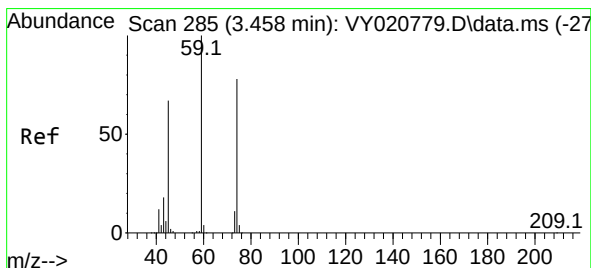
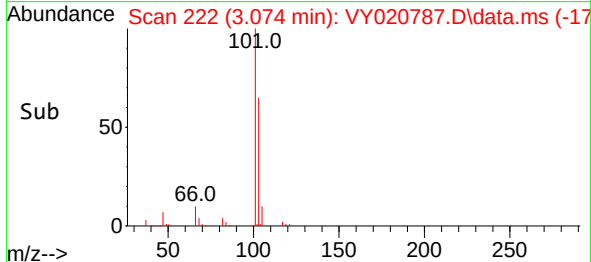
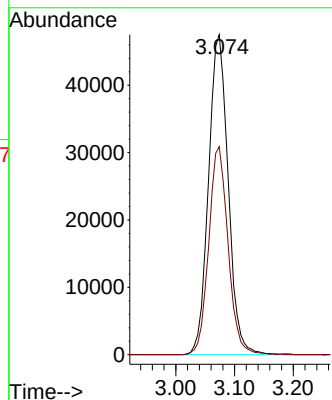
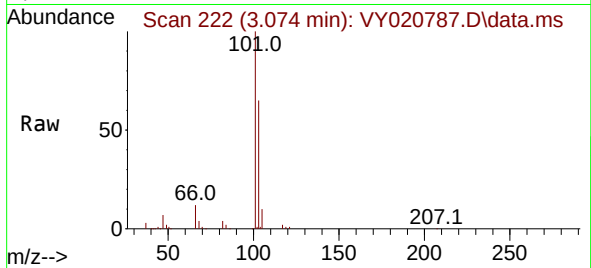




#7
Trichlorofluoromethane
Concen: 46.425 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

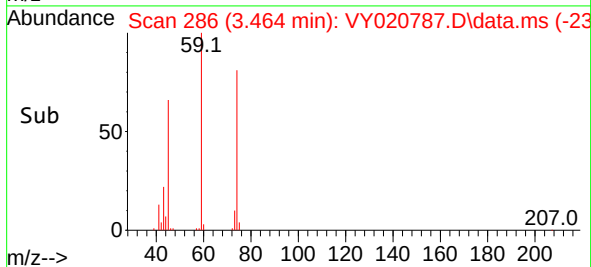
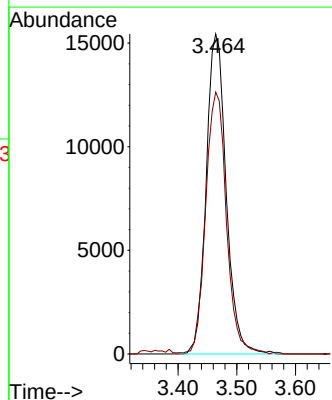
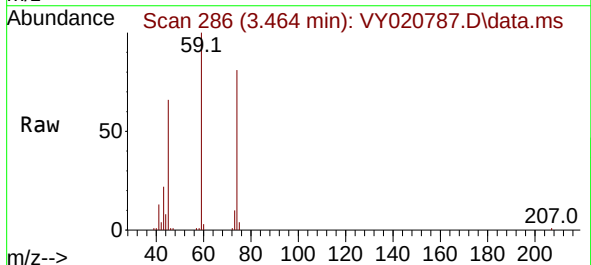
Instrument :
MSVOA_Y
ClientSampleId :

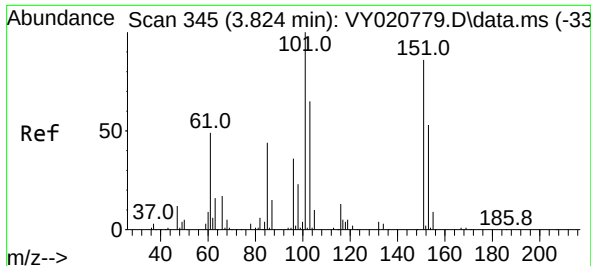
Tgt Ion:101 Resp: 110378
Ion Ratio Lower Upper
101 100
103 65.0 54.6 82.0



#8
Diethyl Ether
Concen: 49.074 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 74 Resp: 36487
Ion Ratio Lower Upper
74 100
45 85.2 41.3 124.1

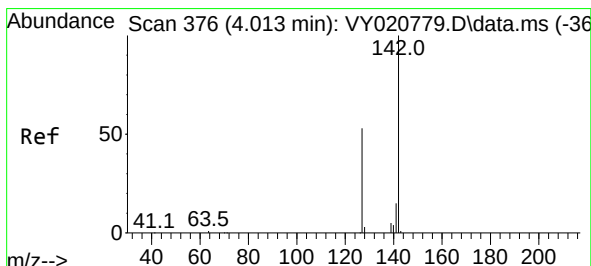
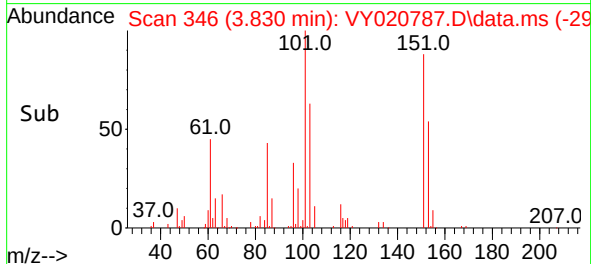
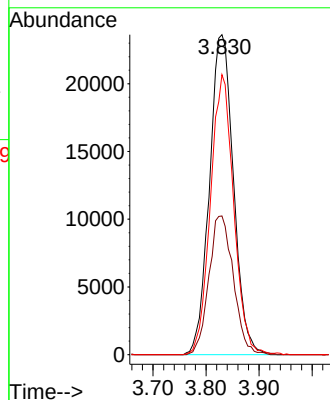
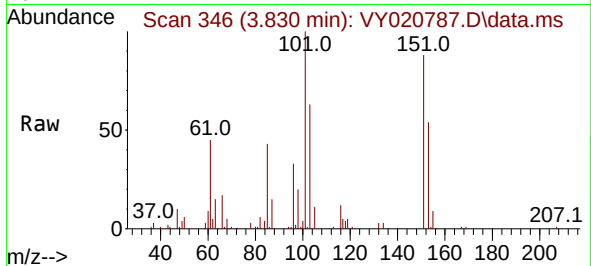




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.352 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

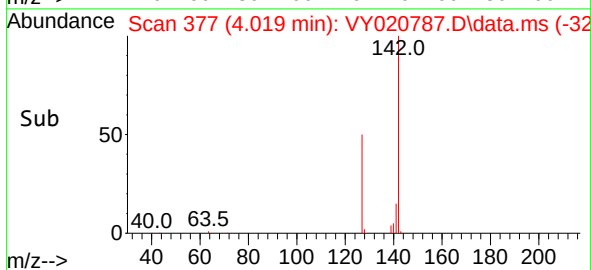
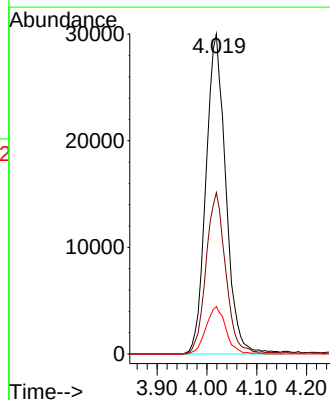
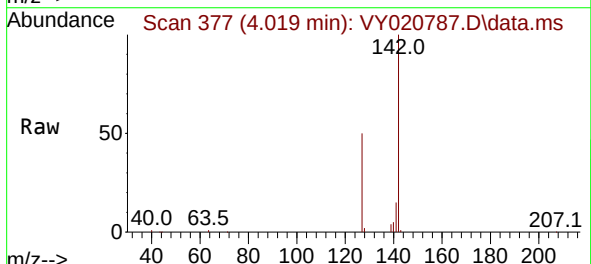
Instrument :
MSVOA_Y
ClientSampleId :

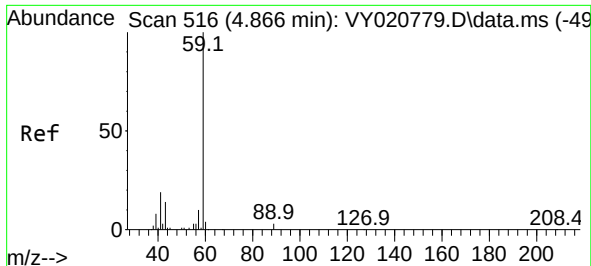
Tgt Ion:101 Resp: 74422
Ion Ratio Lower Upper
101 100
85 44.1 35.9 53.9
151 84.6 66.9 100.3



#10
Methyl Iodide
Concen: 48.294 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

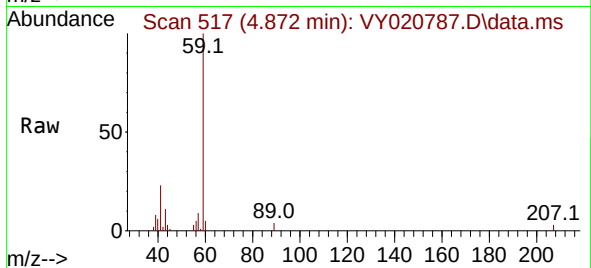
Tgt Ion:142 Resp: 83097
Ion Ratio Lower Upper
142 100
127 50.0 41.0 61.6
141 14.8 11.6 17.4



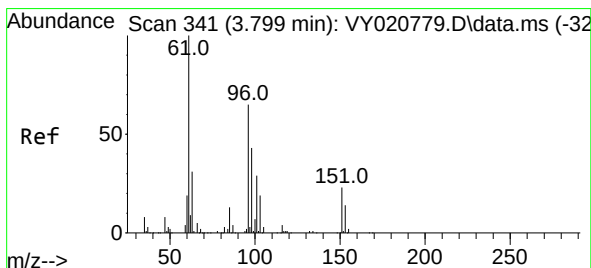
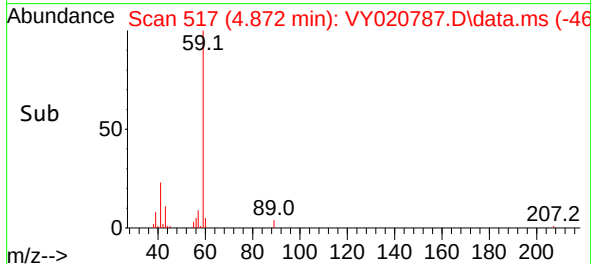
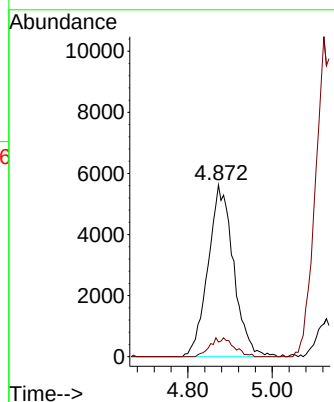


#11
Tert butyl alcohol
Concen: 203.813 ug/l
RT: 4.872 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Instrument :
MSVOA_Y
ClientSampleId :

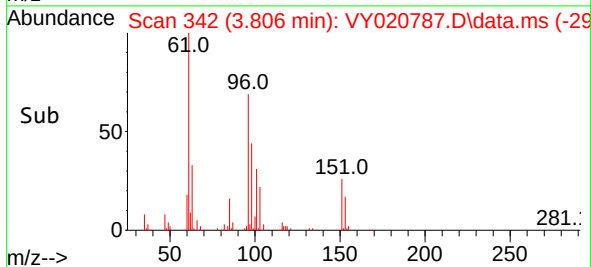
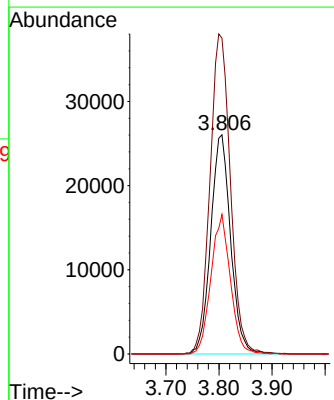
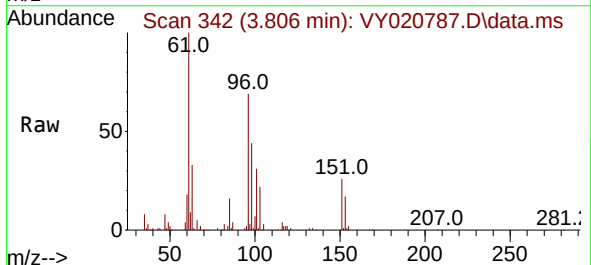


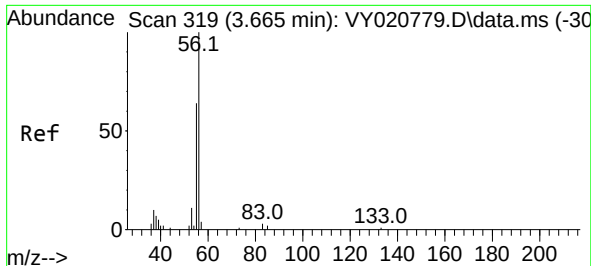
Tgt Ion: 59 Resp: 23606
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.339 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 96 Resp: 67980
Ion Ratio Lower Upper
96 100
61 144.1 117.8 176.8
98 63.7 51.9 77.9

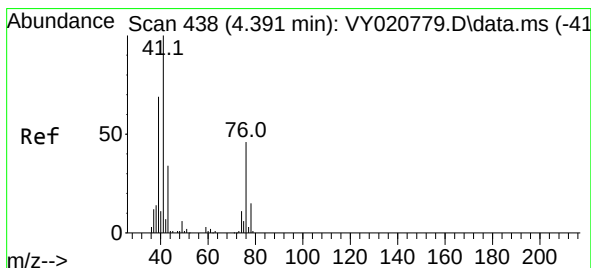
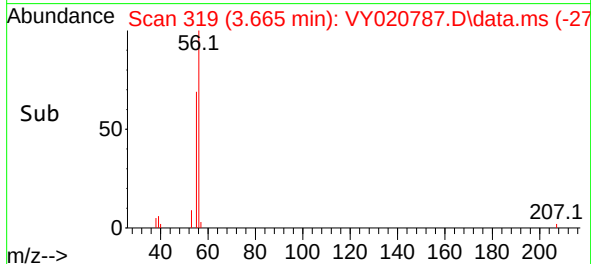
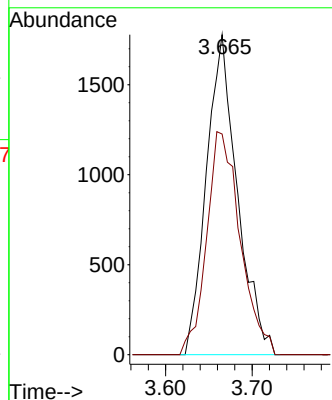
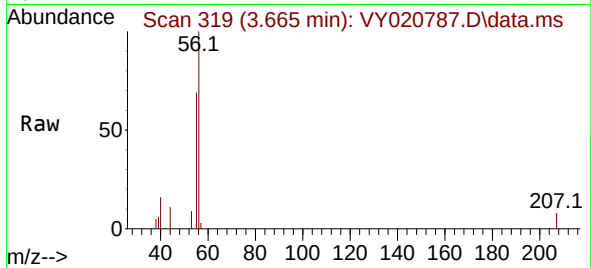




#13
Acrolein
Concen: 135.798 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

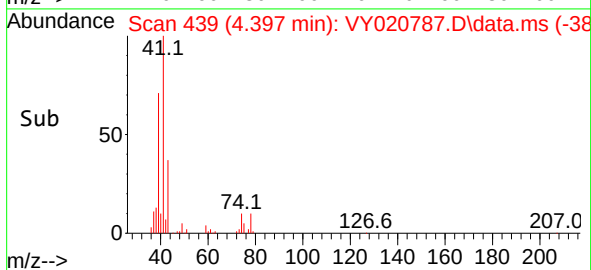
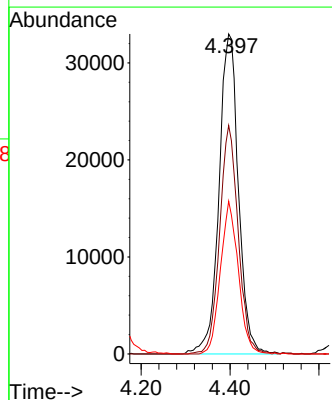
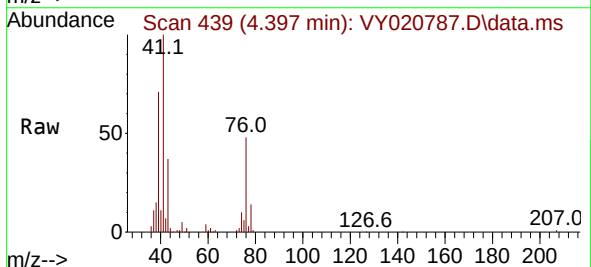
Instrument :
MSVOA_Y
ClientSampleId :

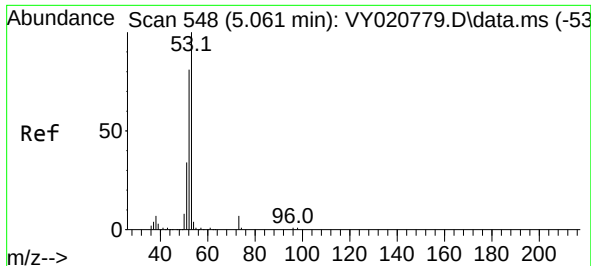
Tgt Ion: 56 Resp: 4417
Ion Ratio Lower Upper
56 100
55 75.4 58.1 87.1



#14
Allyl chloride
Concen: 49.302 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

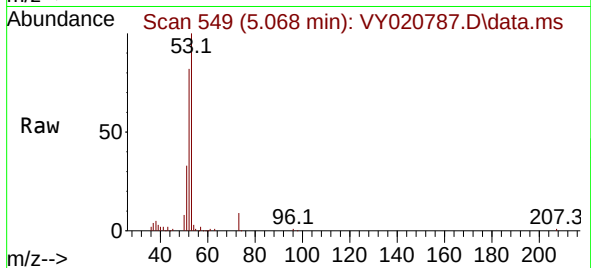
Tgt Ion: 41 Resp: 100029
Ion Ratio Lower Upper
41 100
39 68.2 57.5 86.3
76 44.0 35.6 53.4



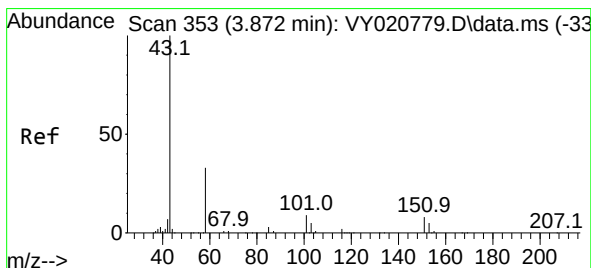
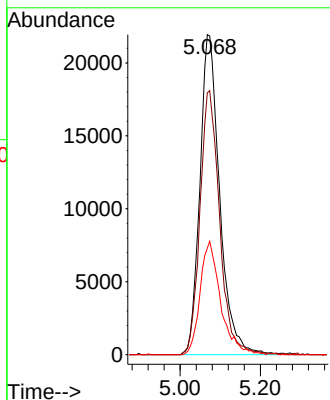
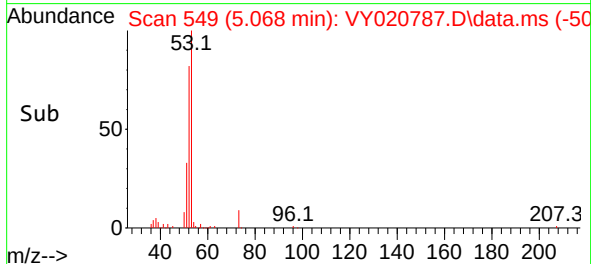


#15
Acrylonitrile
Concen: 238.474 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Instrument :
MSVOA_Y
ClientSampleId :

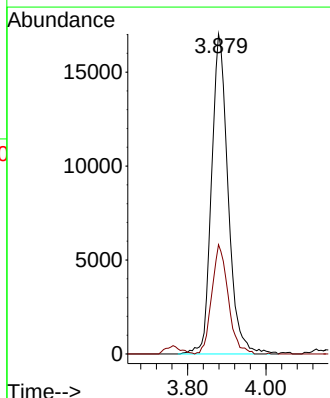
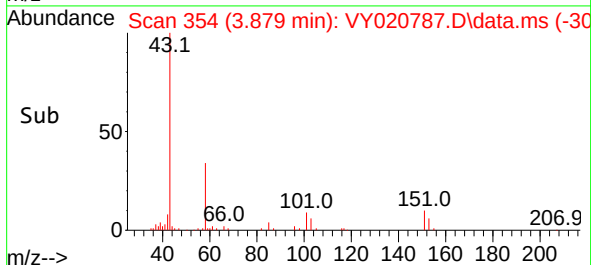
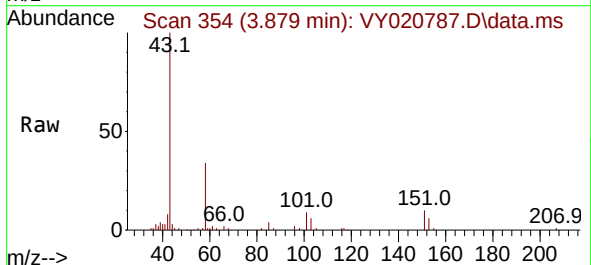


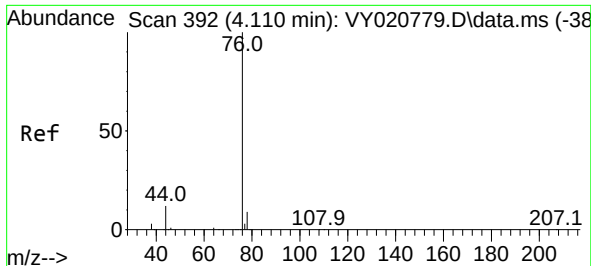
Tgt Ion: 53 Resp: 75356
Ion Ratio Lower Upper
53 100
52 81.8 64.3 96.5
51 36.7 29.3 43.9



#16
Acetone
Concen: 229.471 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 43 Resp: 50017
Ion Ratio Lower Upper
43 100
58 34.1 26.7 40.1

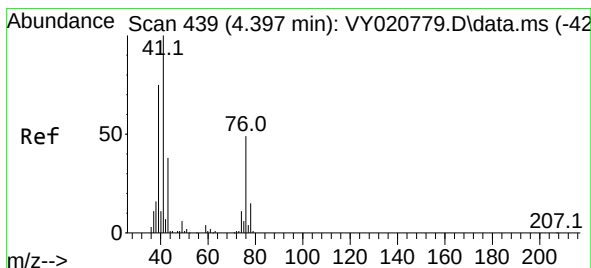
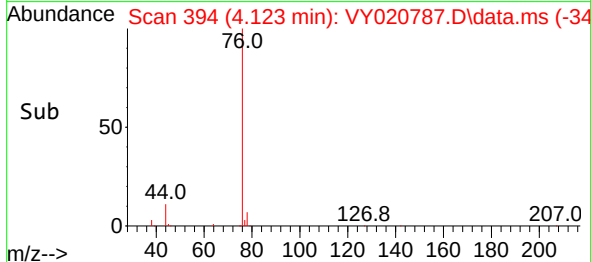
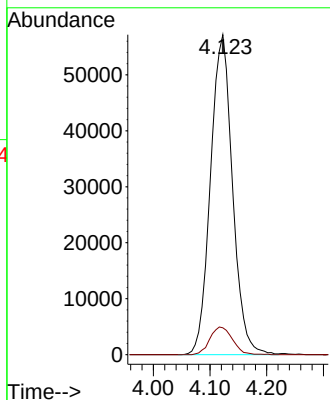
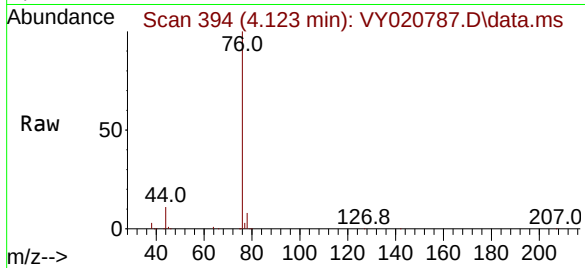




#17
Carbon Disulfide
Concen: 50.607 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

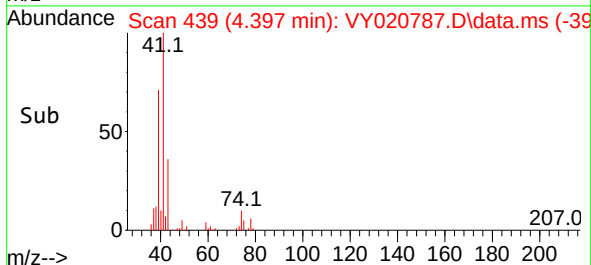
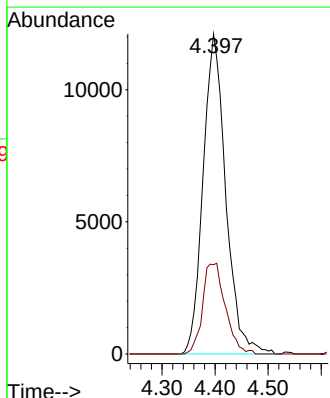
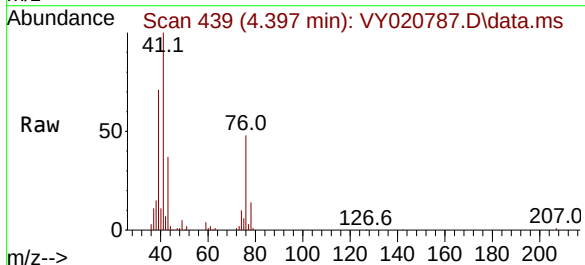
Instrument :
MSVOA_Y
ClientSampleId :

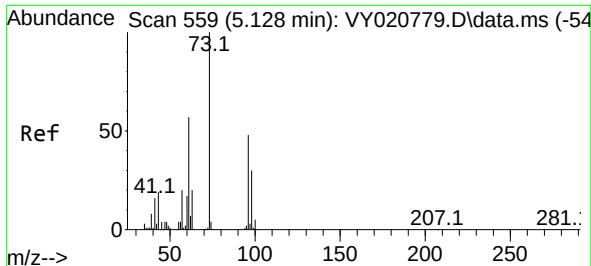
Tgt Ion: 76 Resp: 154393
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 48.903 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 43 Resp: 35991
Ion Ratio Lower Upper
43 100
74 28.4 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 47.156 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

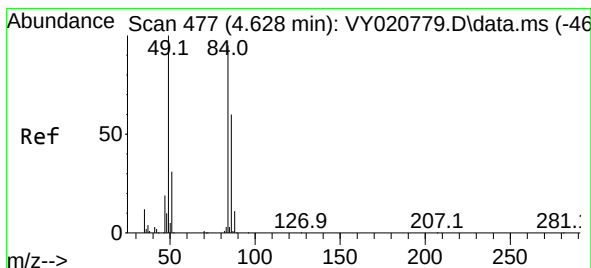
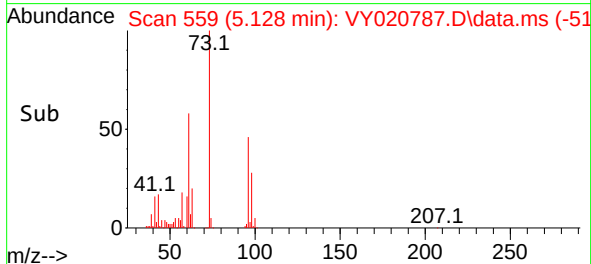
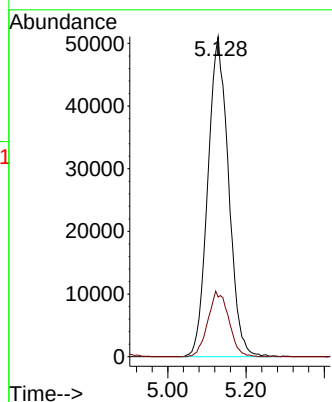
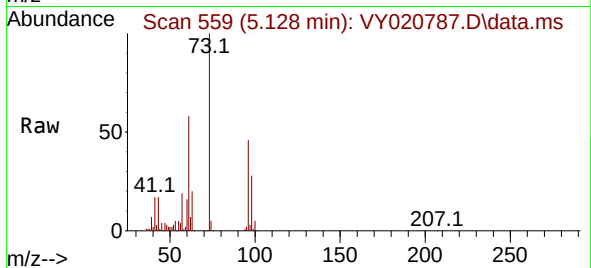
ClientSampleId :

Tgt Ion: 73 Resp: 187153

Ion Ratio Lower Upper

73 100

57 18.7 16.4 24.6



#20

Methylene Chloride

Concen: 49.109 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Tgt Ion: 84 Resp: 73924

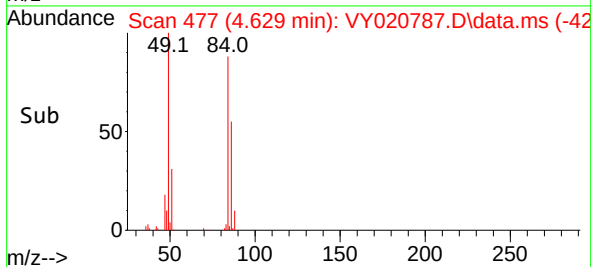
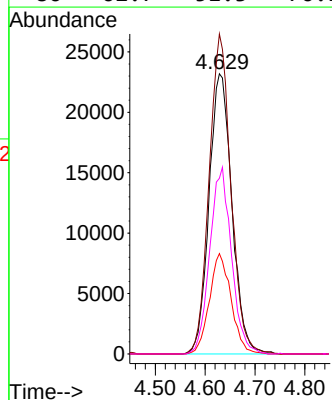
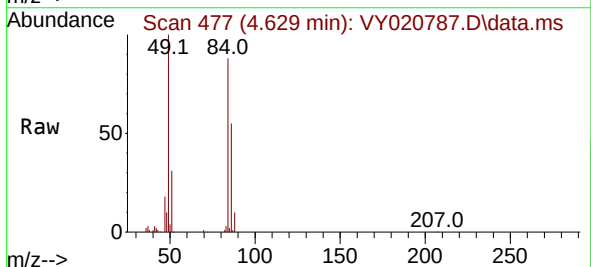
Ion Ratio Lower Upper

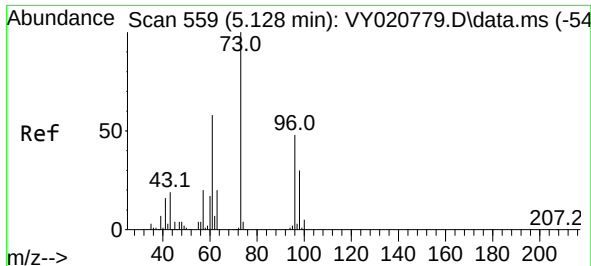
84 100

49 114.2 86.7 130.1

51 35.8 28.4 42.6

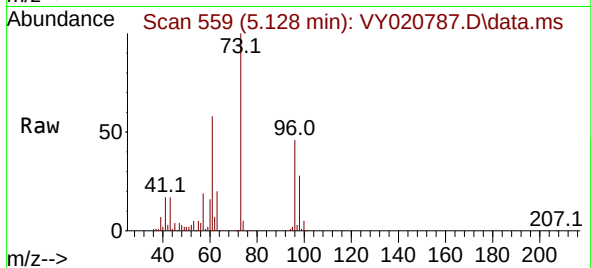
86 62.7 51.3 76.9



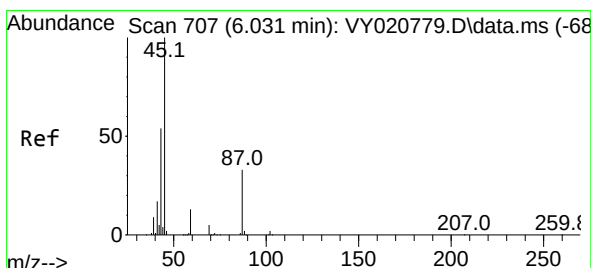
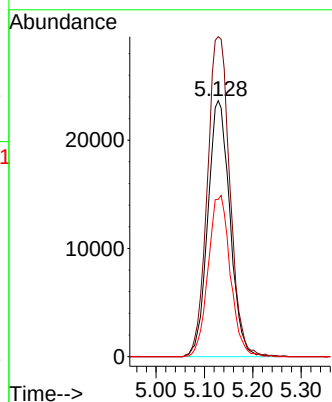
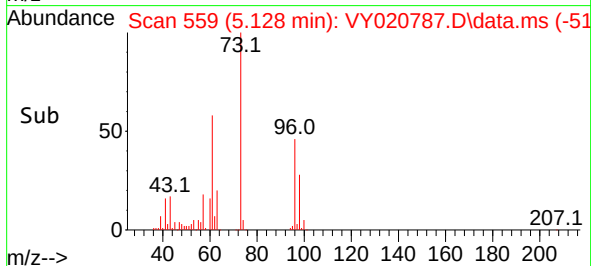


#21
trans-1,2-Dichloroethene
Concen: 48.540 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

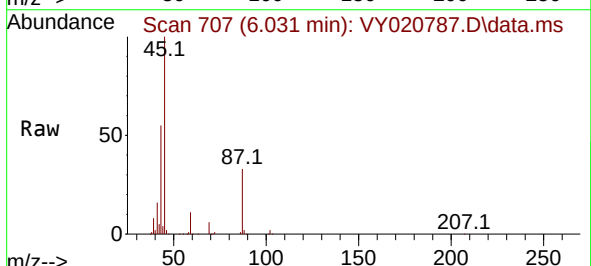
Instrument :
MSVOA_Y
ClientSampleId :



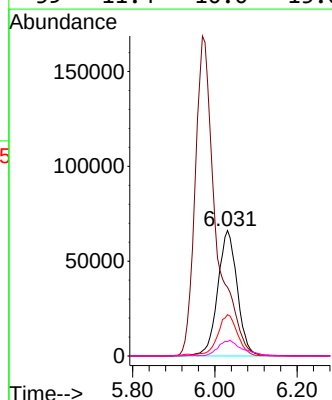
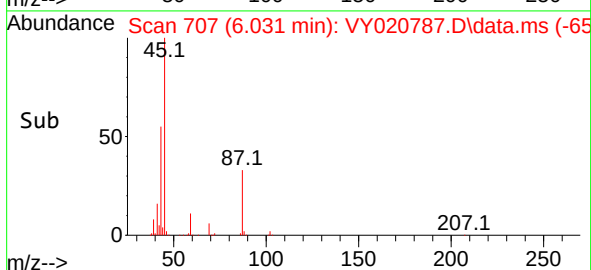
Tgt Ion: 96 Resp: 75173
Ion Ratio Lower Upper
96 100
61 125.0 101.6 152.4
98 61.5 49.4 74.2

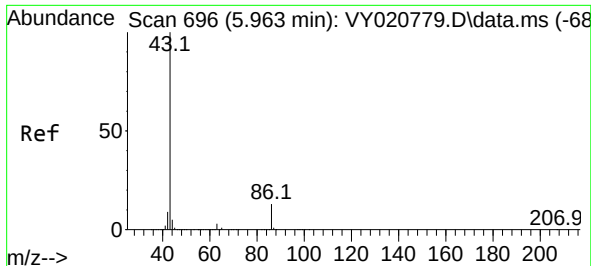


#22
Diisopropyl ether
Concen: 50.484 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48



Tgt Ion: 45 Resp: 218192
Ion Ratio Lower Upper
45 100
43 54.4 43.9 65.9
87 32.8 25.3 37.9
59 11.4 10.0 15.0

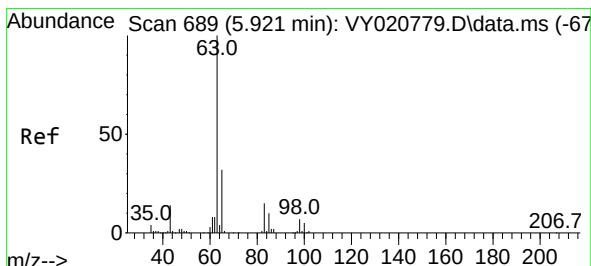
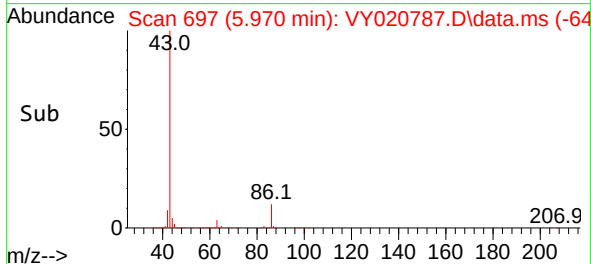
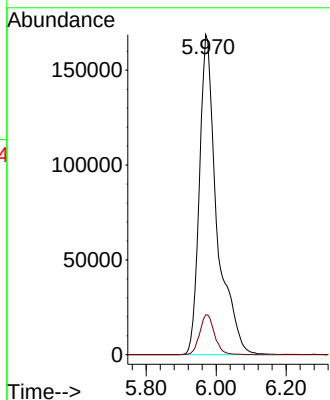
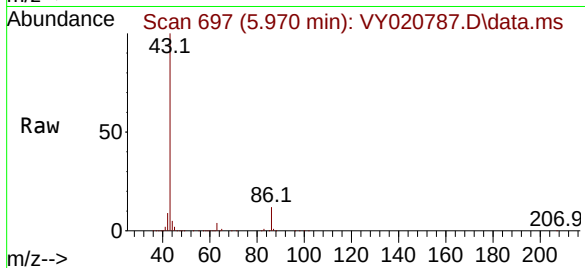




#23
 Vinyl Acetate
 Concen: 246.692 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

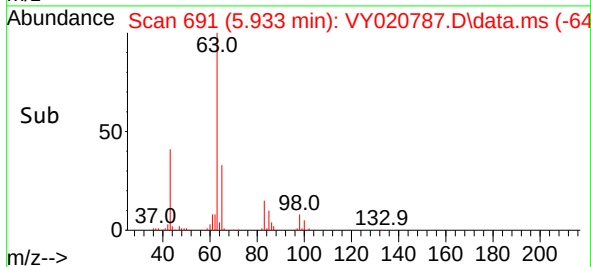
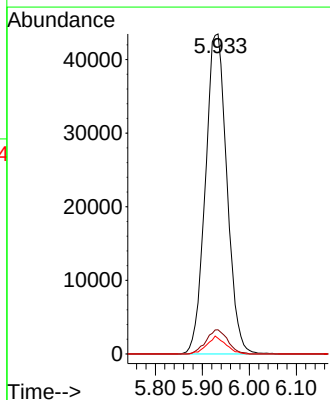
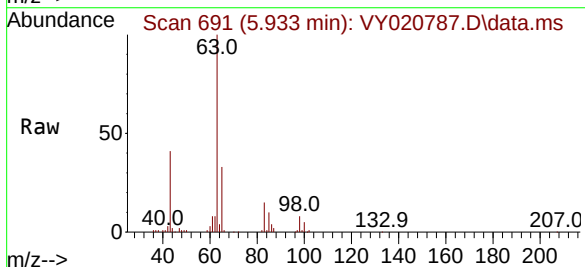
Instrument :
 MSVOA_Y
 ClientSampleId :

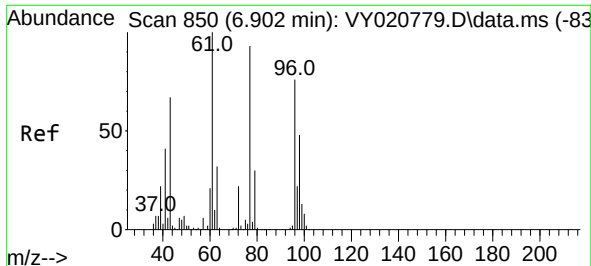
Tgt Ion: 43 Resp: 587873
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 48.418 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

Tgt Ion: 63 Resp: 138065
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.9 2.4 7.2

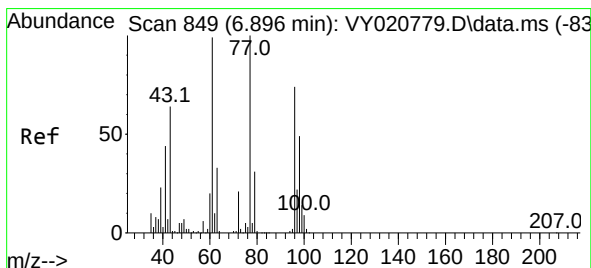
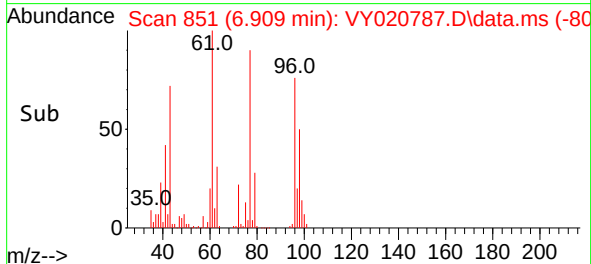
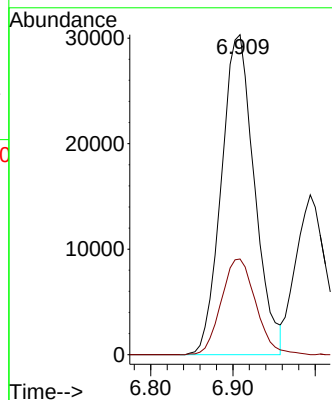
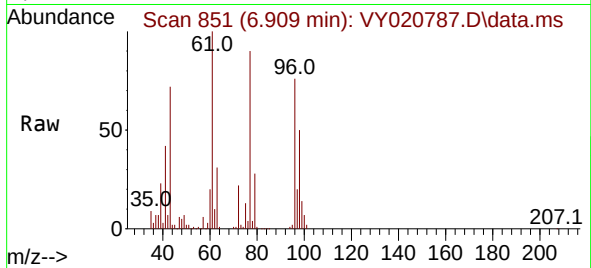




#25
2-Butanone
Concen: 237.147 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

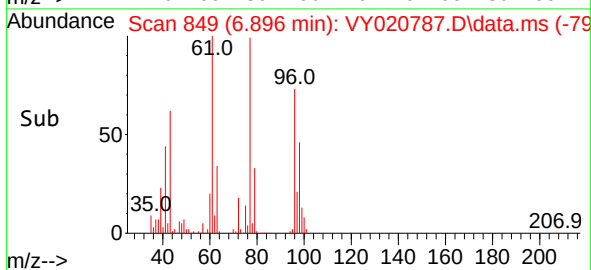
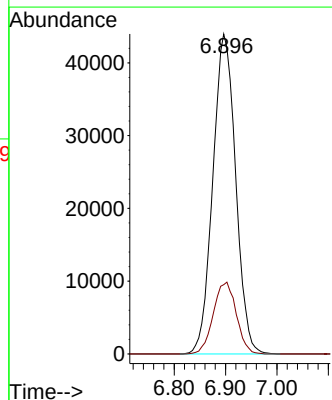
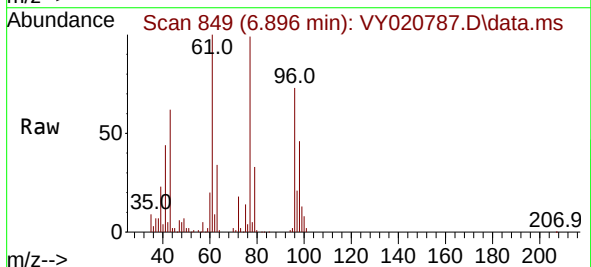
Instrument :
MSVOA_Y
ClientSampleId :

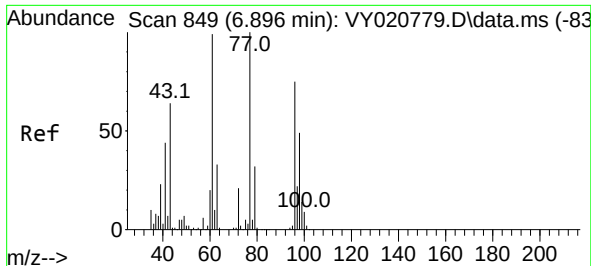
Tgt Ion: 43 Resp: 84910
Ion Ratio Lower Upper
43 100
72 29.9 24.0 36.0



#26
2,2-Dichloropropane
Concen: 45.785 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 77 Resp: 135552
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.788 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

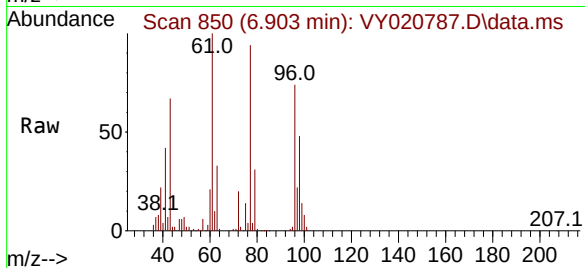
Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :



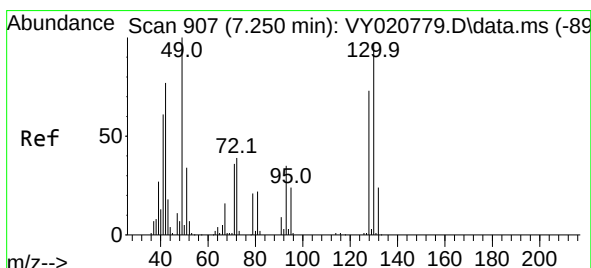
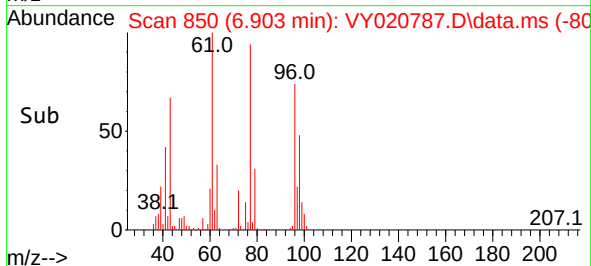
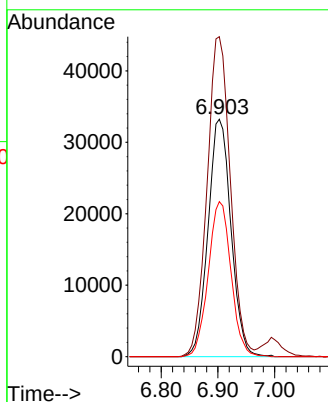
Tgt Ion: 96 Resp: 93376

Ion Ratio Lower Upper

96 100

61 136.9 0.0 271.4

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 47.862 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

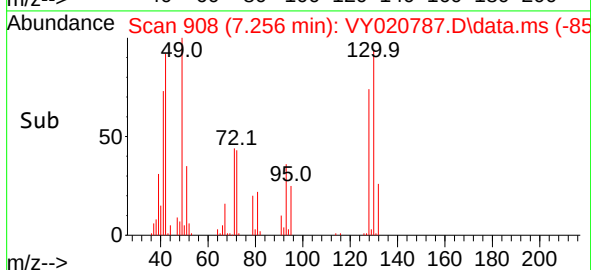
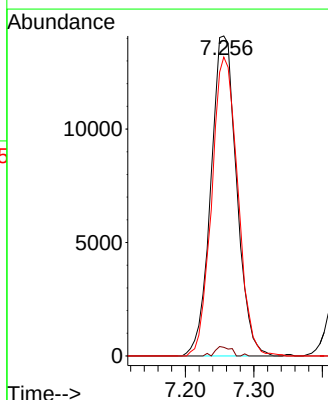
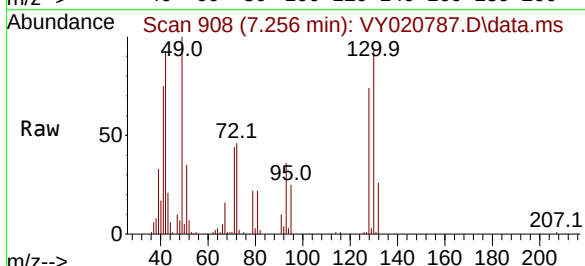
Tgt Ion: 49 Resp: 36827

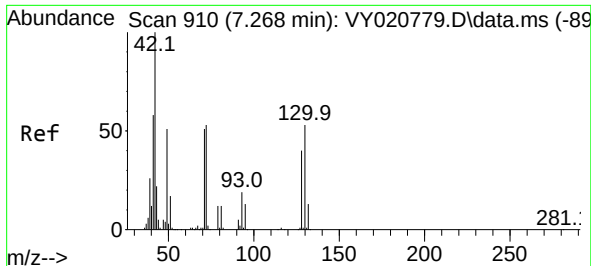
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.2

130 94.2 77.8 116.6





#29

Tetrahydrofuran

Concen: 243.634 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

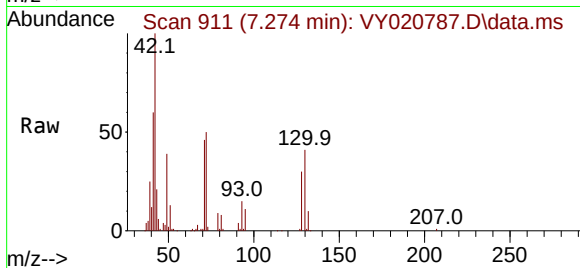
Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

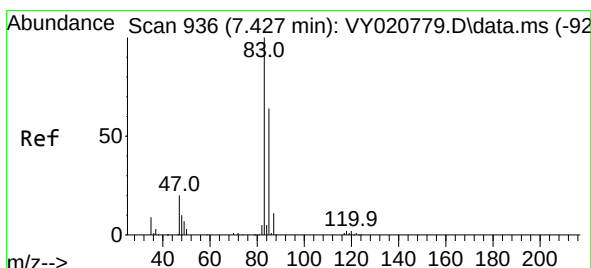
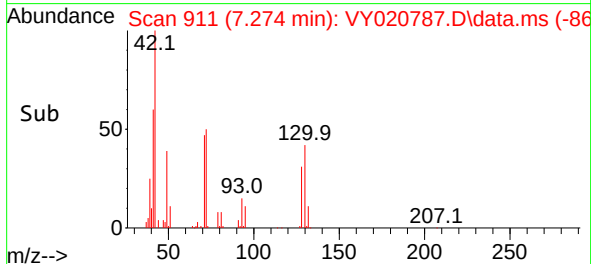
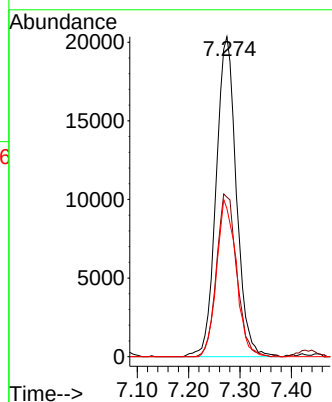
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	55724
Ion	Ratio	Lower	Upper
42	100		
72	50.7	41.8	62.6
71	47.6	39.8	59.8



#30

Chloroform

Concen: 46.719 ug/l

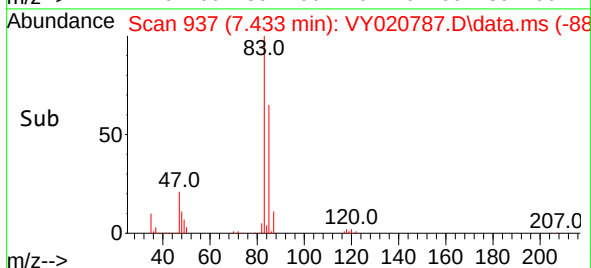
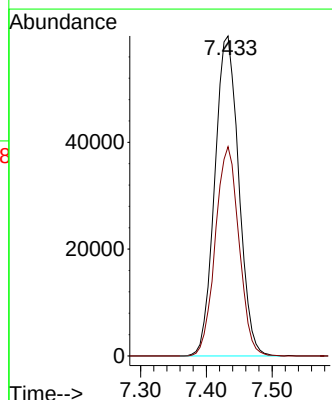
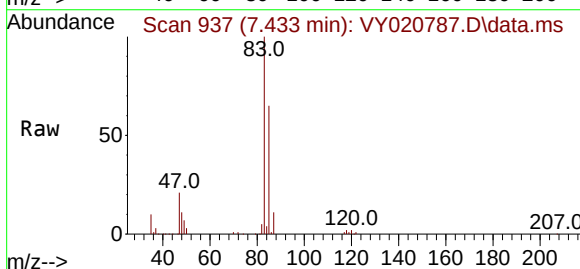
RT: 7.433 min Scan# 937

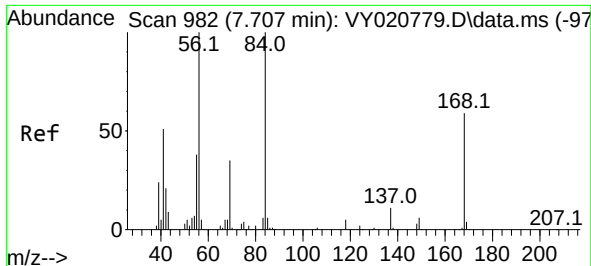
Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Tgt Ion:	83	Resp:	151921
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7

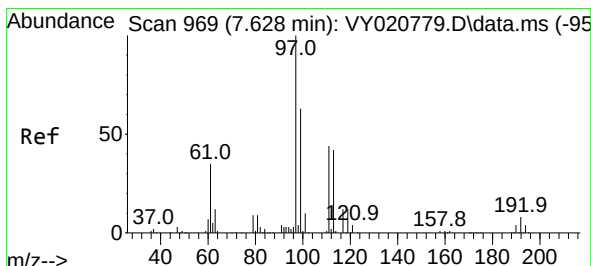
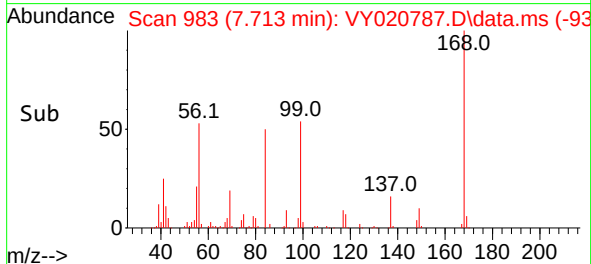
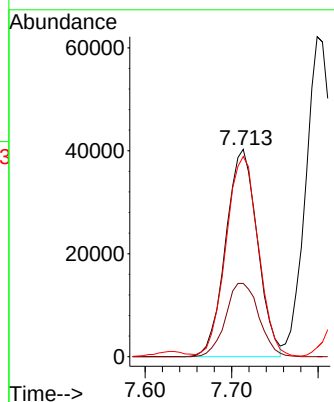
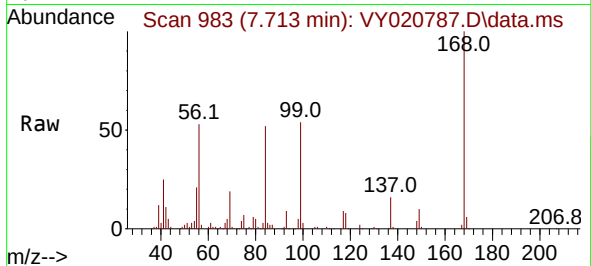




#31
Cyclohexane
Concen: 45.997 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

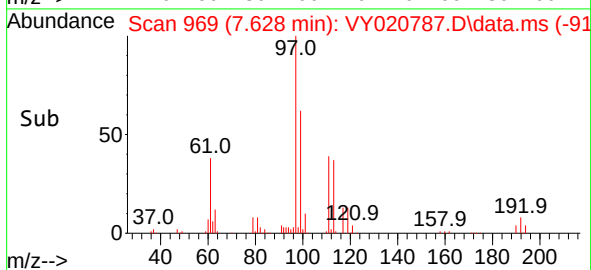
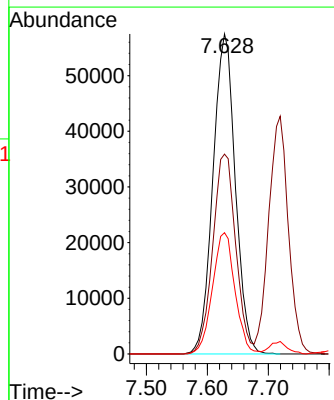
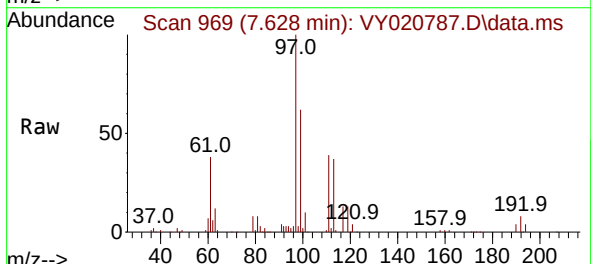
Instrument :
MSVOA_Y
ClientSampleId :

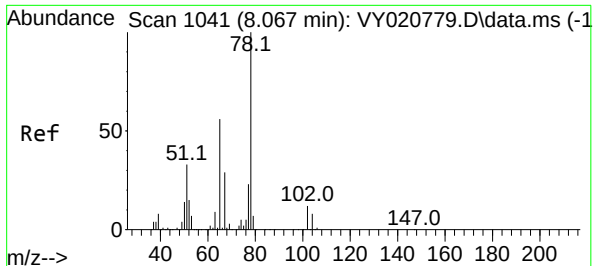
Tgt Ion: 56 Resp: 102592
Ion Ratio Lower Upper
56 100
69 35.4 30.5 45.7
84 94.5 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 46.245 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 97 Resp: 146684
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 55.843 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

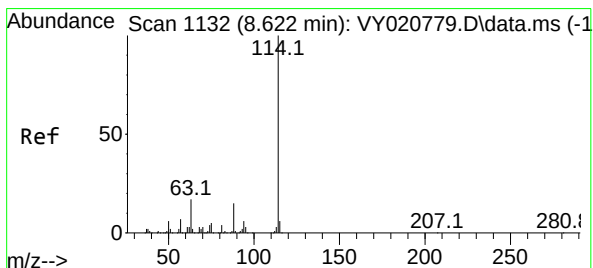
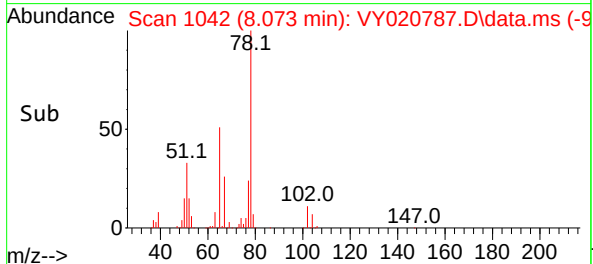
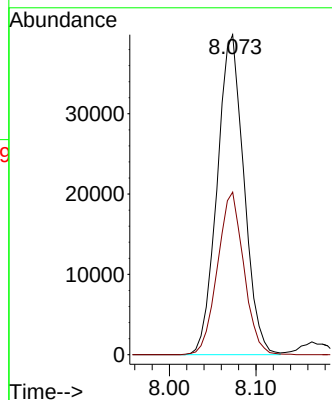
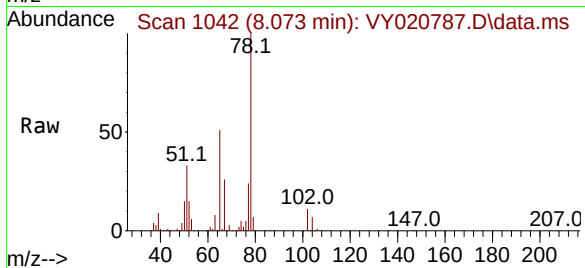
ClientSampleId :

Tgt Ion: 65 Resp: 85596

Ion Ratio Lower Upper

65 100

67 49.9 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: VY020787.D

Acq: 06 Jan 2025 16:48

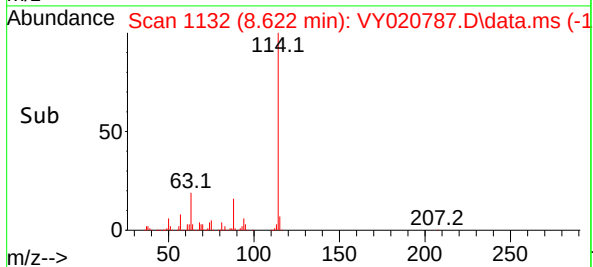
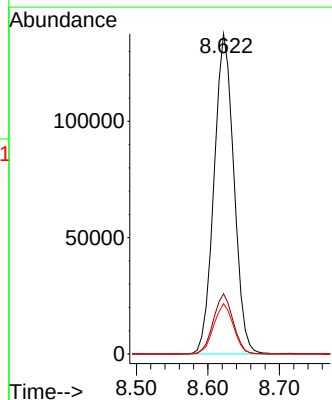
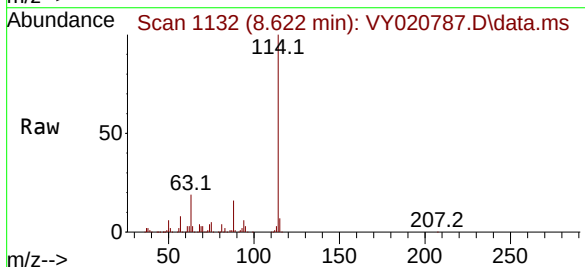
Tgt Ion: 114 Resp: 265429

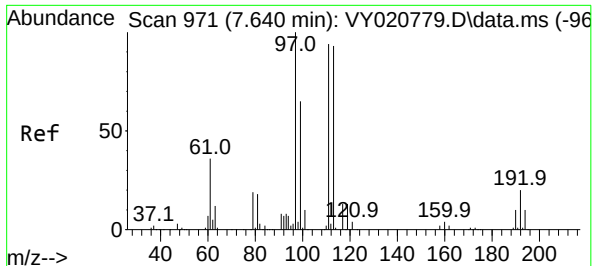
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.281 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

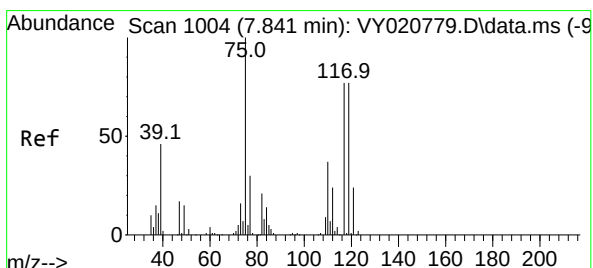
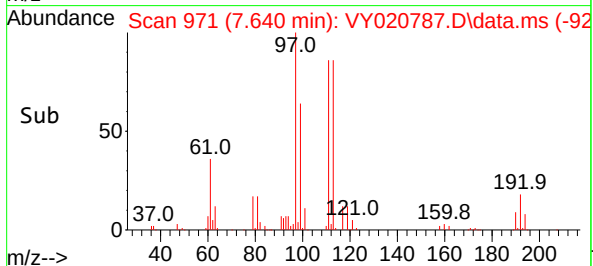
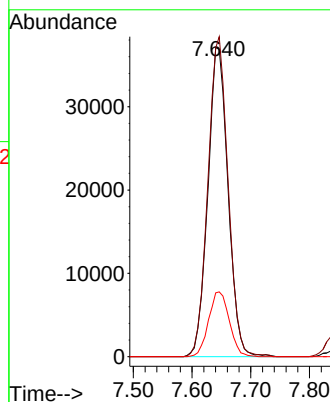
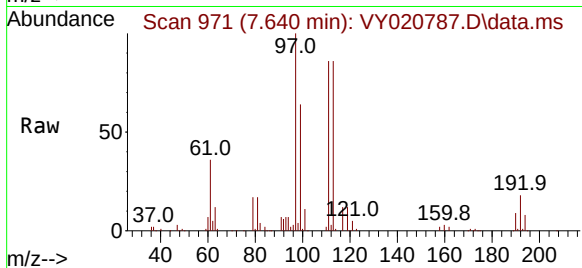
Tgt Ion:113 Resp: 88600

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

192 21.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 46.928 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

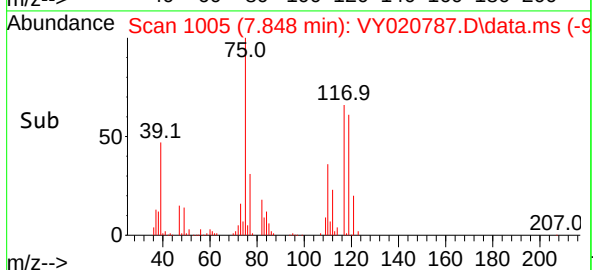
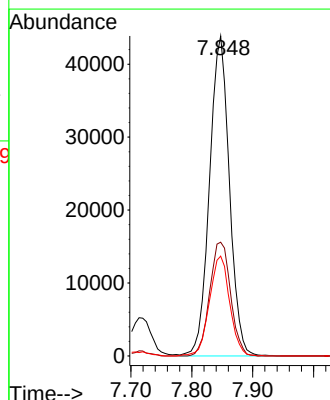
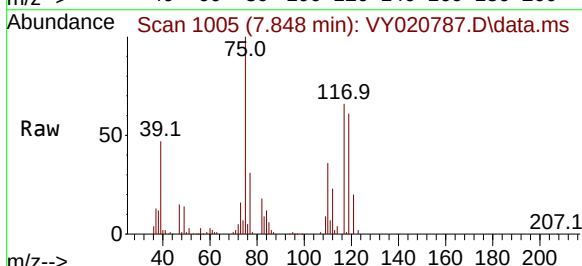
Tgt Ion: 75 Resp: 99535

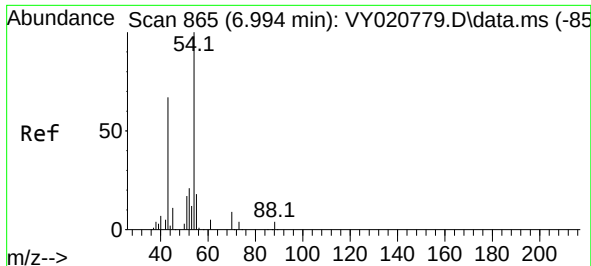
Ion Ratio Lower Upper

75 100

110 37.4 18.5 55.5

77 31.8 25.0 37.4

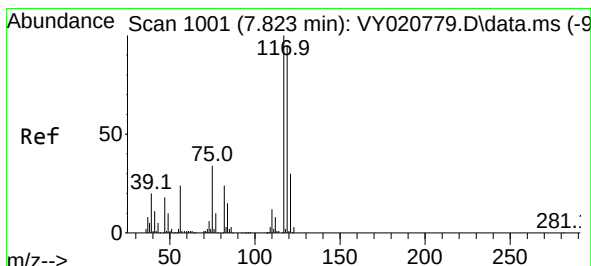
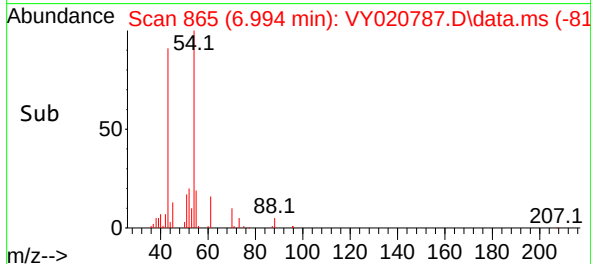
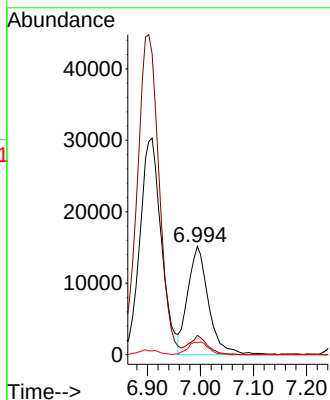
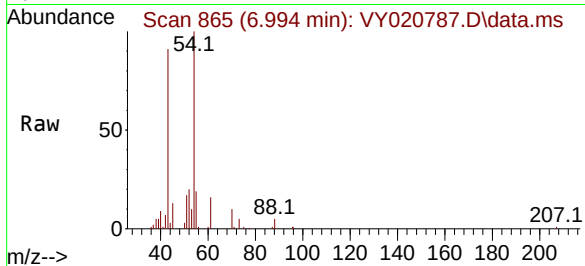




#37
Ethyl Acetate
Concen: 48.781 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

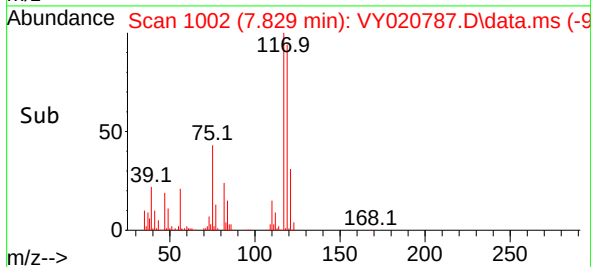
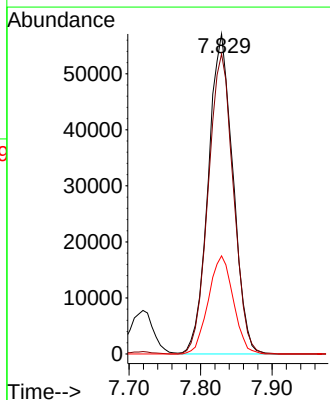
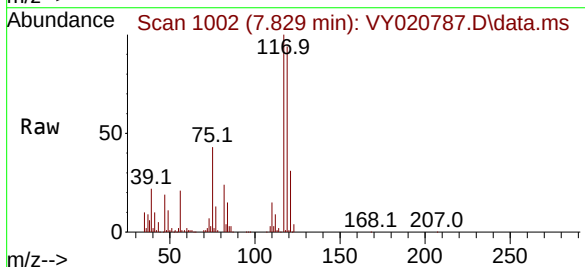
Instrument :
MSVOA_Y
ClientSampleId :

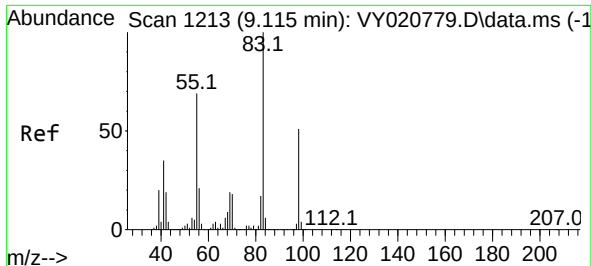
Tgt Ion: 43 Resp: 41174
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 11.7 9.8 14.8



#38
Carbon Tetrachloride
Concen: 46.420 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 117 Resp: 137054
Ion Ratio Lower Upper
117 100
119 93.8 76.5 114.7
121 30.7 24.3 36.5





#39

Methylcyclohexane

Concen: 47.988 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

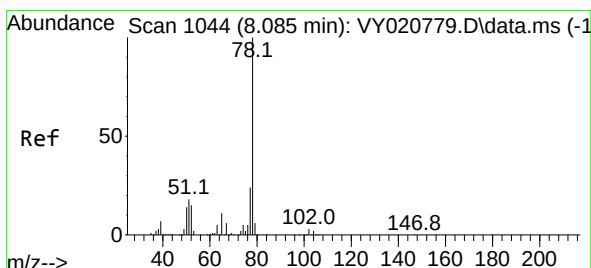
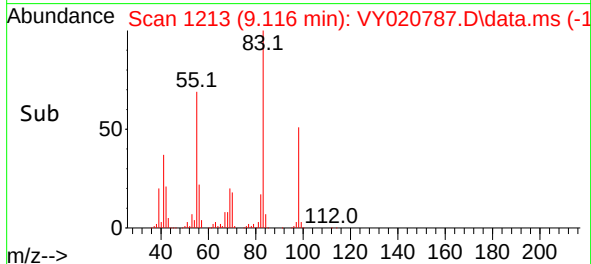
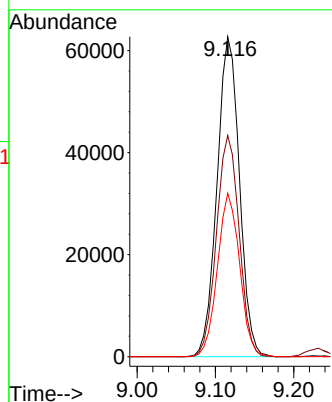
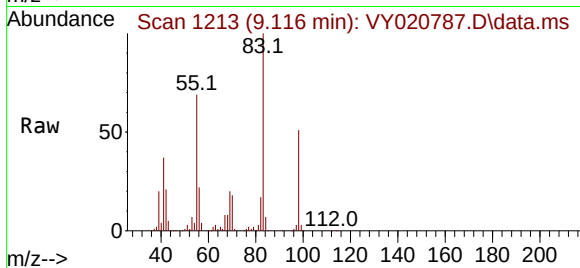
Tgt Ion: 83 Resp: 124901

Ion Ratio Lower Upper

83 100

55 69.1 54.8 82.2

98 51.1 40.0 60.0



#40

Benzene

Concen: 48.584 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020787.D

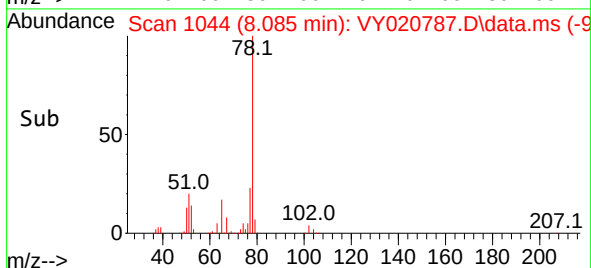
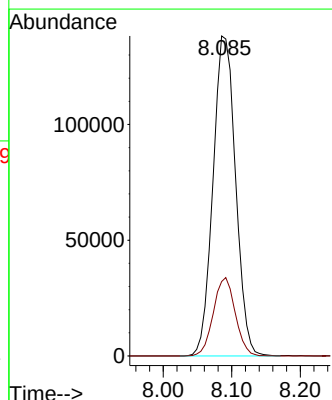
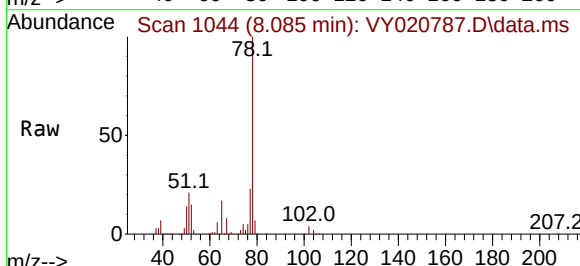
Acq: 06 Jan 2025 16:48

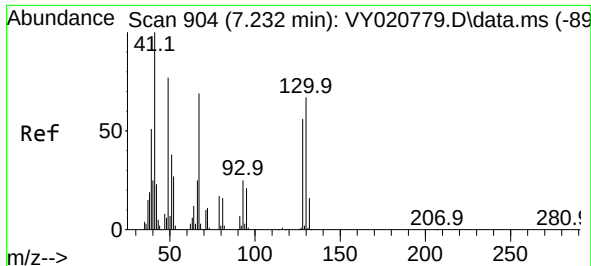
Tgt Ion: 78 Resp: 316266

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.2



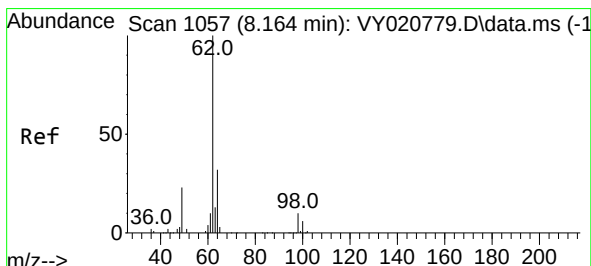
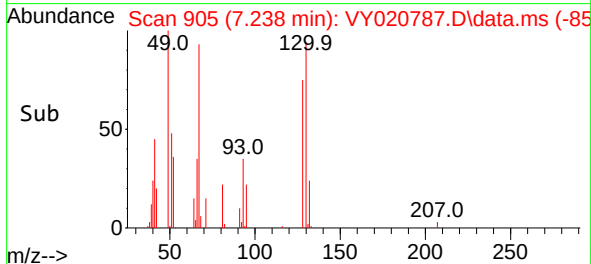
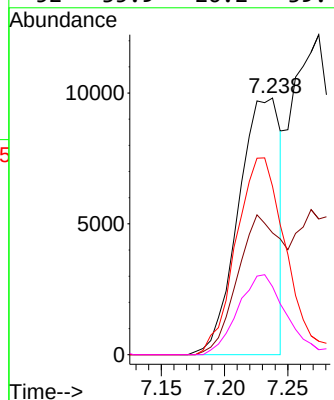
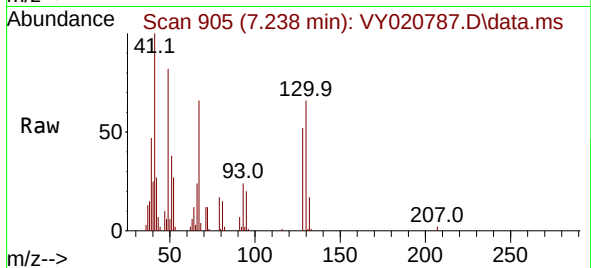


#41
Methacrylonitrile
Concen: 46.782 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 22614

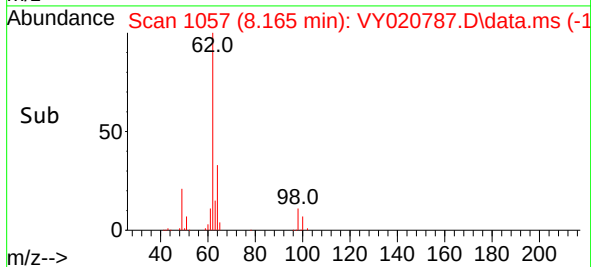
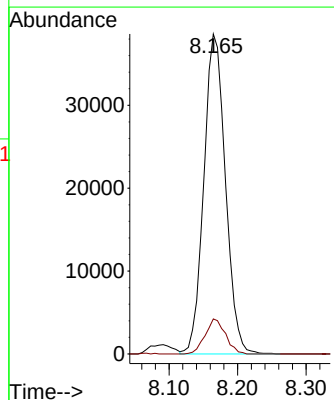
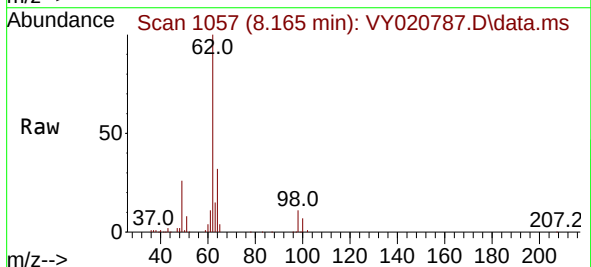
Ion	Ratio	Lower	Upper
41	100		
39	59.3	42.4	63.6
67	91.1	67.8	101.8
52	35.9	26.2	39.4

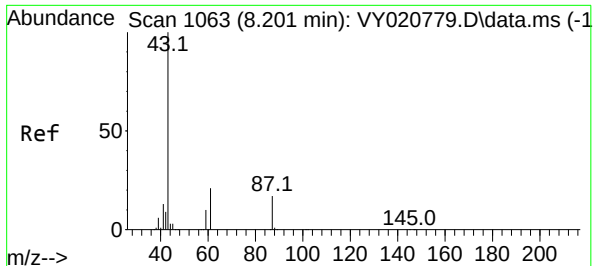


#42
1,2-Dichloroethane
Concen: 47.657 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 62 Resp: 84721

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.6

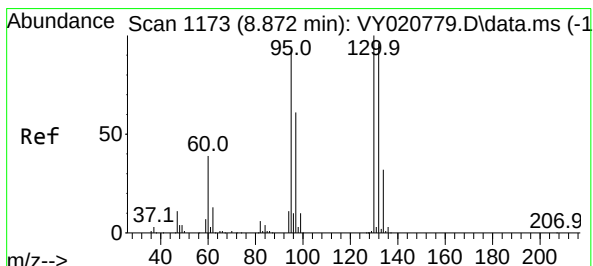
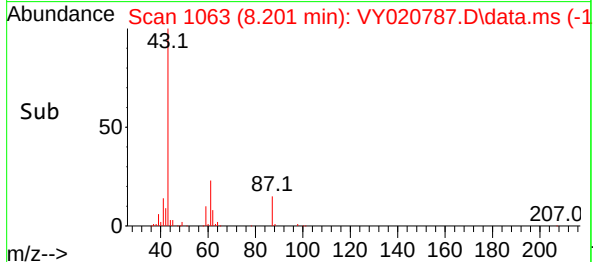
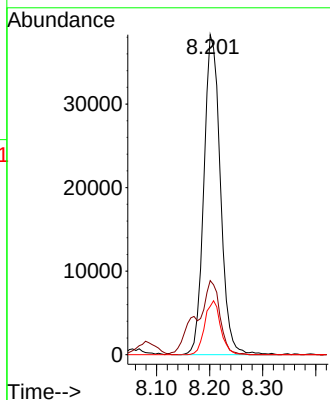
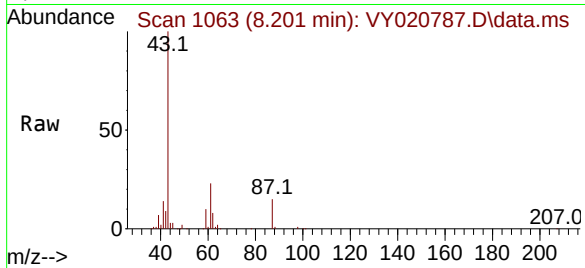




#43
Isopropyl Acetate
Concen: 48.201 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

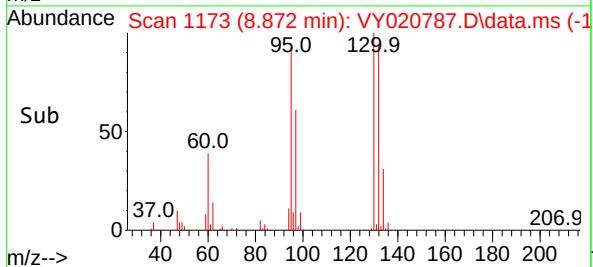
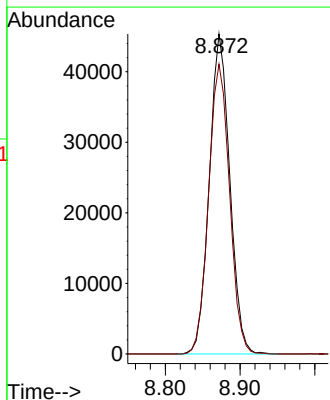
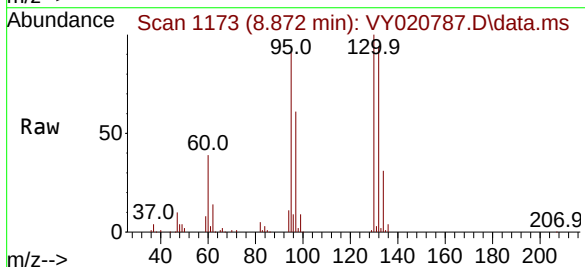
Instrument :
MSVOA_Y
ClientSampleId :

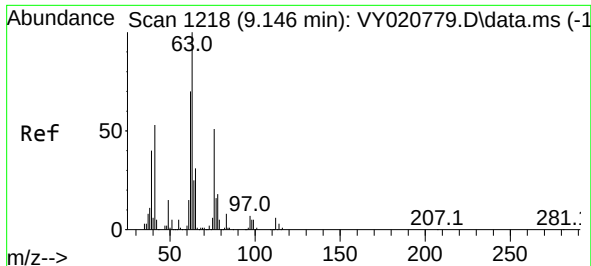
Tgt Ion: 43 Resp: 82750
Ion Ratio Lower Upper
43 100
61 23.0 26.5 39.7#
87 16.2 13.4 20.0



#44
Trichloroethene
Concen: 47.786 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion:130 Resp: 86716
Ion Ratio Lower Upper
130 100
95 90.6 0.0 181.0





#45

1,2-Dichloropropane

Concen: 49.091 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

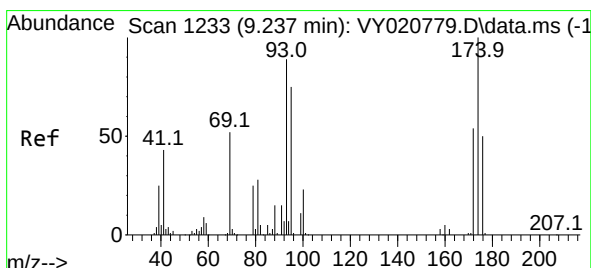
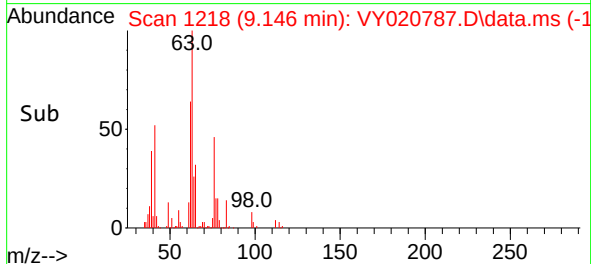
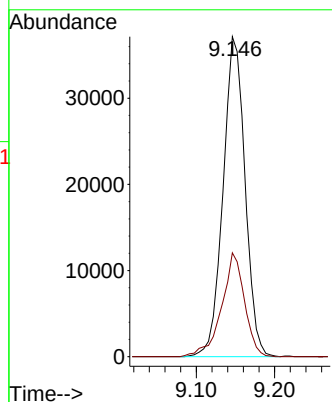
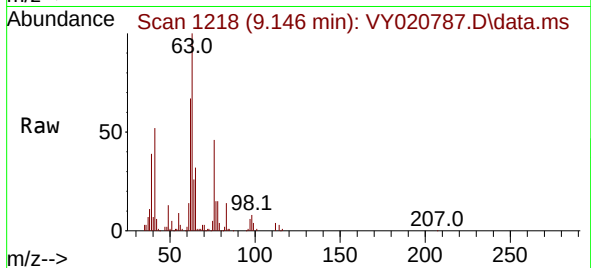
ClientSampleId :

Tgt Ion: 63 Resp: 72446

Ion Ratio Lower Upper

63 100

65 32.4 24.2 36.4



#46

Dibromomethane

Concen: 48.697 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

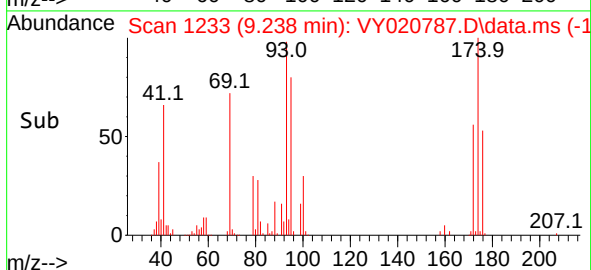
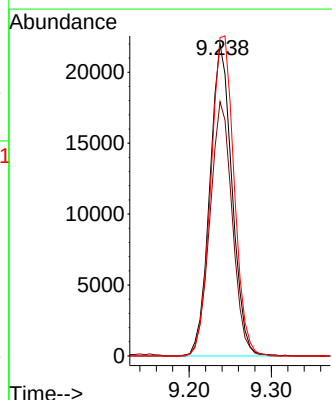
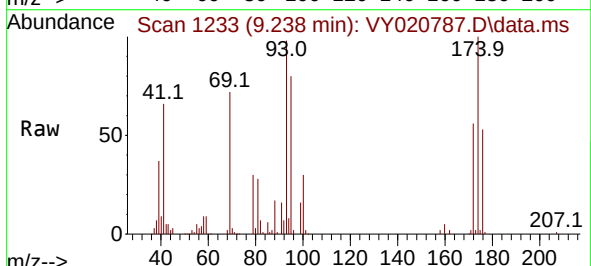
Tgt Ion: 93 Resp: 41267

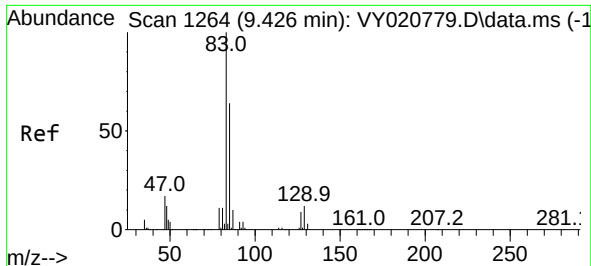
Ion Ratio Lower Upper

93 100

95 81.8 68.2 102.4

174 107.4 89.0 133.6





#47

Bromodichloromethane

Concen: 47.684 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

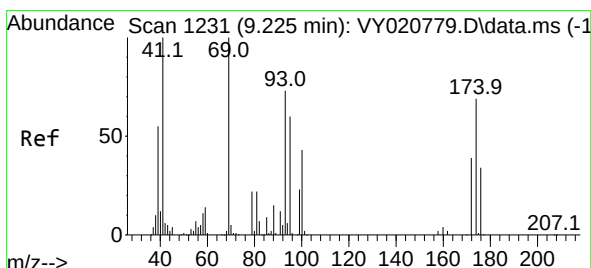
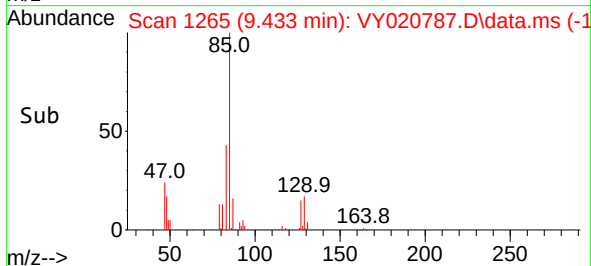
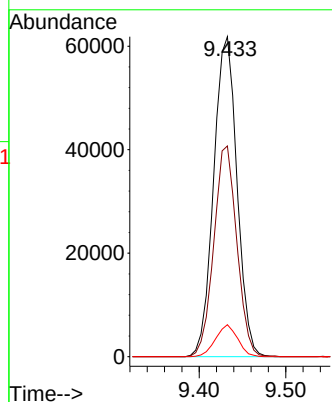
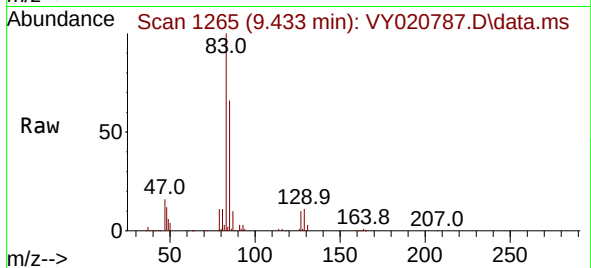
Tgt Ion: 83 Resp: 115728

Ion Ratio Lower Upper

83 100

85 65.8 50.7 76.1

127 10.0 7.9 11.9



#48

Methyl methacrylate

Concen: 48.288 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

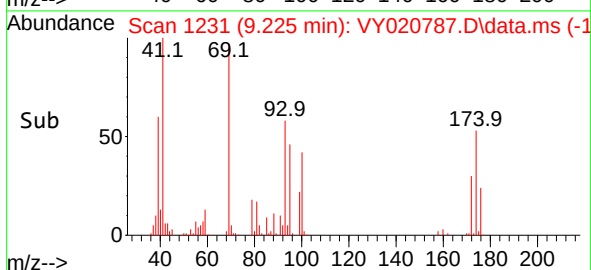
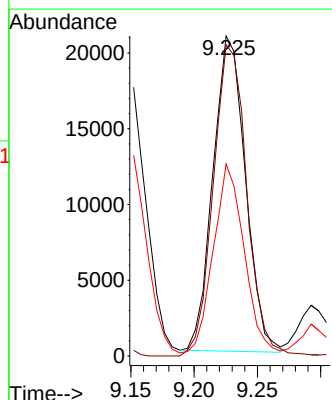
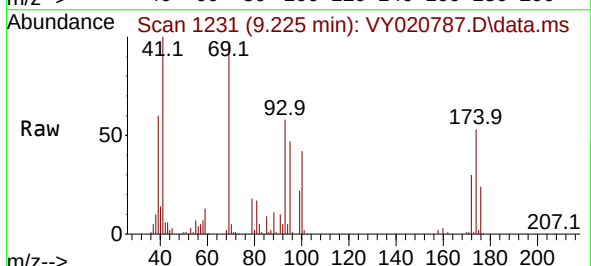
Tgt Ion: 41 Resp: 37165

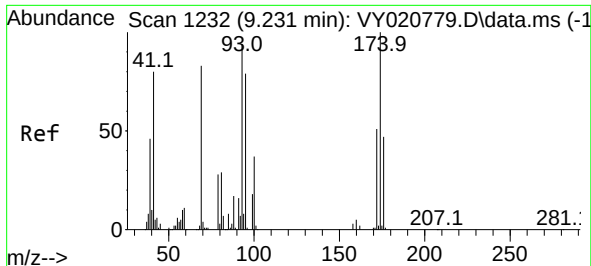
Ion Ratio Lower Upper

41 100

69 101.8 78.9 118.3

39 56.8 44.6 67.0





#49

1,4-Dioxane

Concen: 1003.502 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

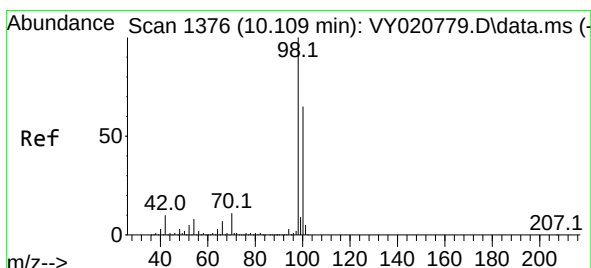
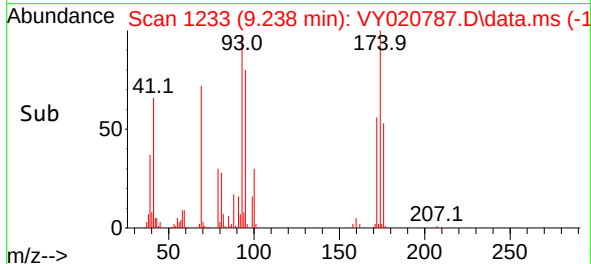
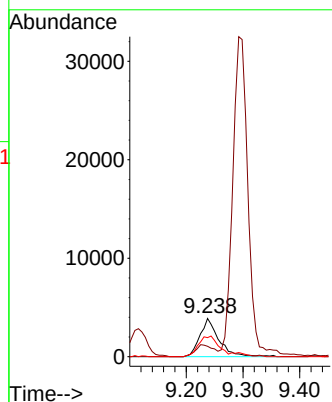
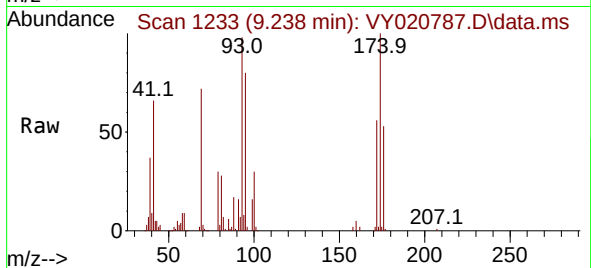
Tgt Ion: 88 Resp: 9029

Ion Ratio Lower Upper

88 100

43 29.4 24.4 36.6

58 59.5 51.0 76.6



#50

Toluene-d8

Concen: 58.415 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020787.D

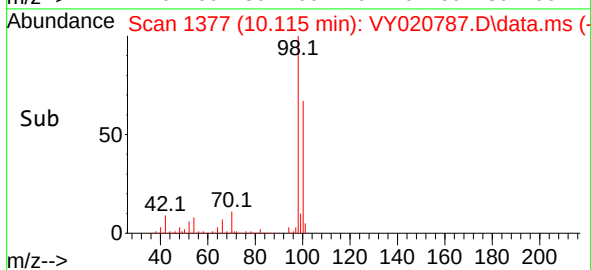
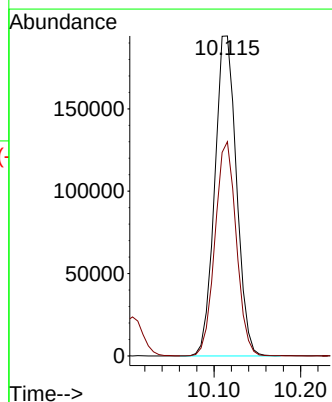
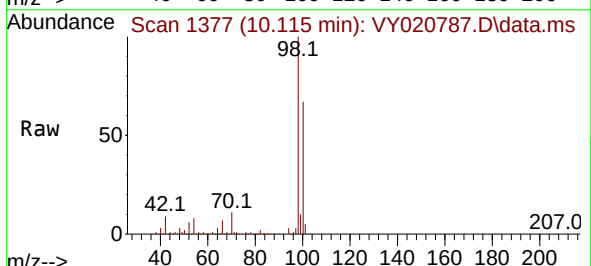
Acq: 06 Jan 2025 16:48

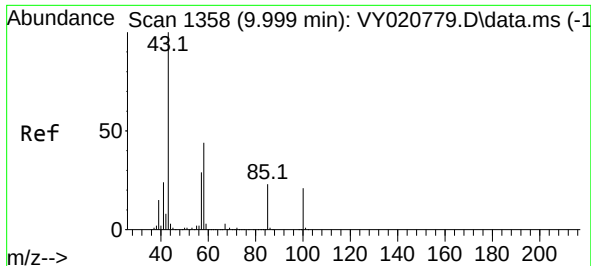
Tgt Ion: 98 Resp: 338623

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 241.054 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

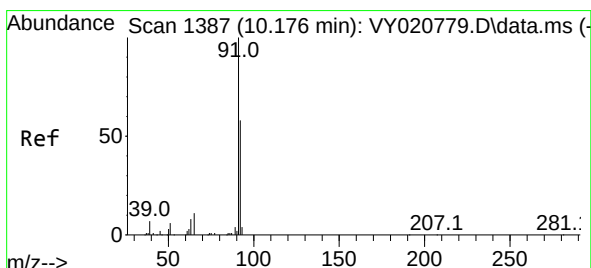
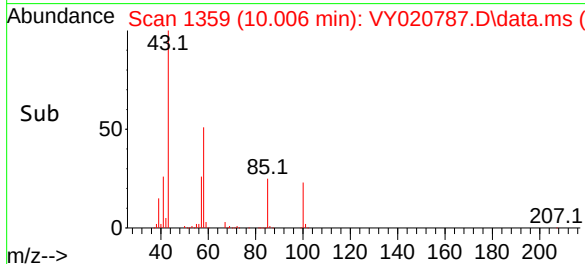
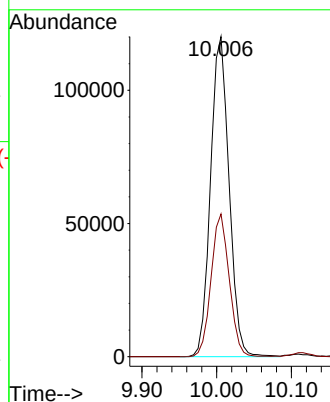
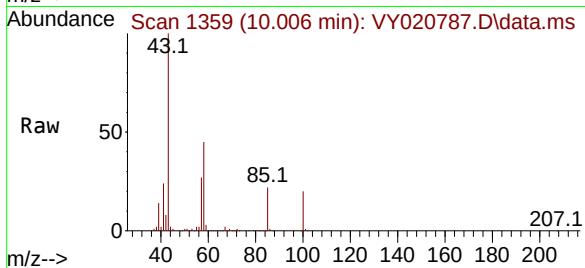
ClientSampleId :

Tgt Ion: 43 Resp: 206747

Ion Ratio Lower Upper

43 100

58 43.8 34.8 52.2



#52

Toluene

Concen: 48.333 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020787.D

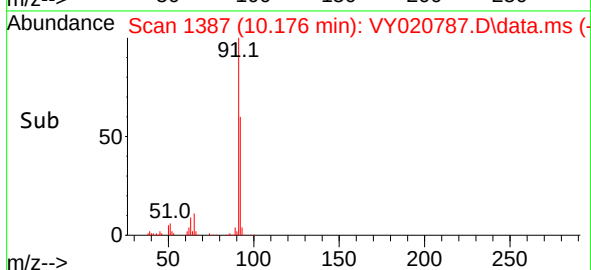
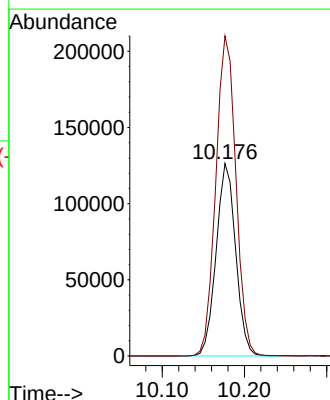
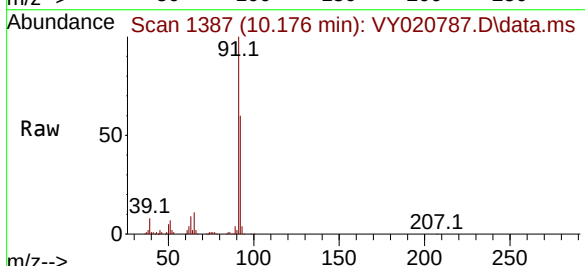
Acq: 06 Jan 2025 16:48

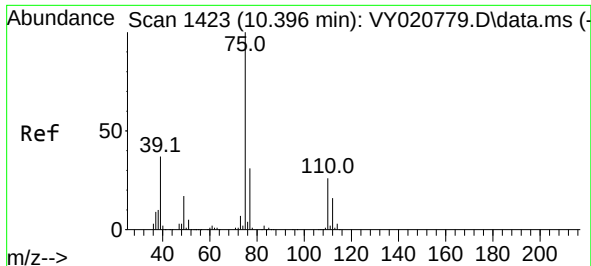
Tgt Ion: 92 Resp: 208348

Ion Ratio Lower Upper

92 100

91 171.3 136.6 204.8

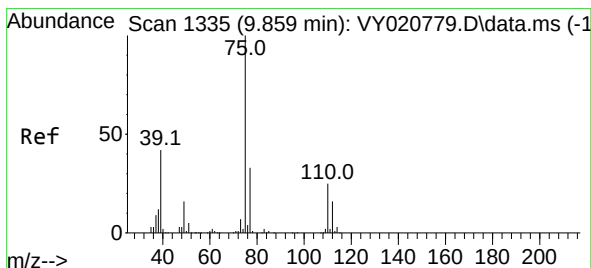
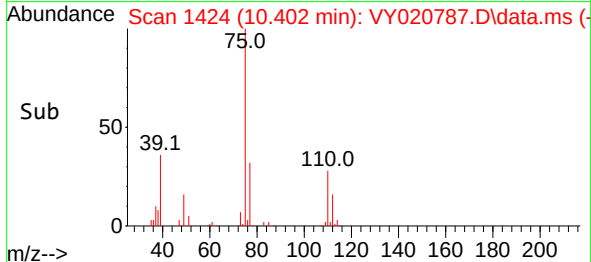
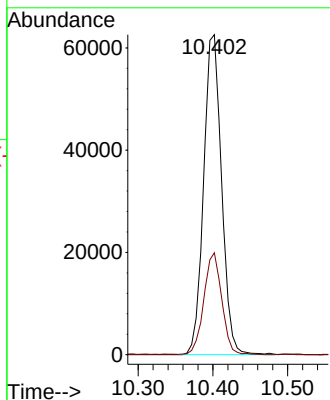
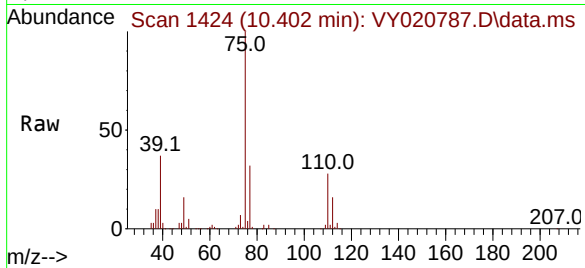




#53
 t-1,3-Dichloropropene
 Concen: 48.337 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

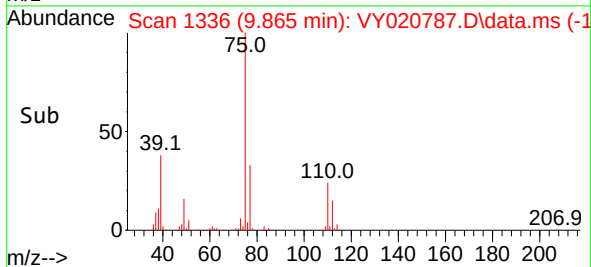
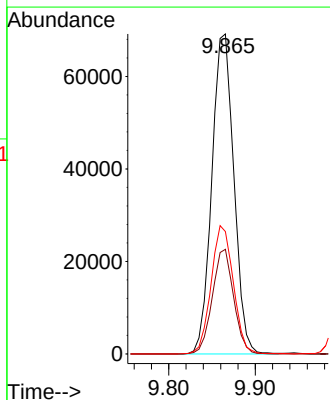
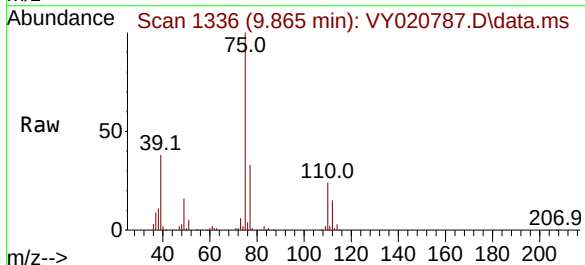
Instrument :
 MSVOA_Y
 ClientSampleId :

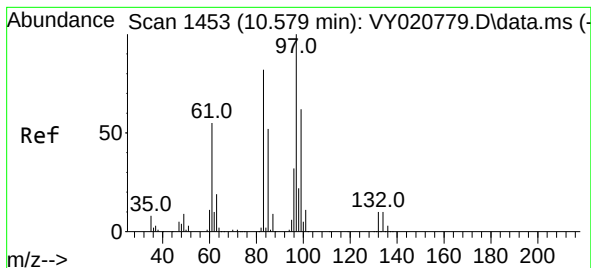
Tgt Ion: 75 Resp: 104339
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.799 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

Tgt Ion: 75 Resp: 122336
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.5 36.7
 39 38.3 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 47.349 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 57324

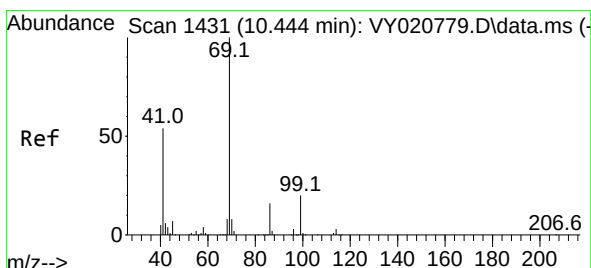
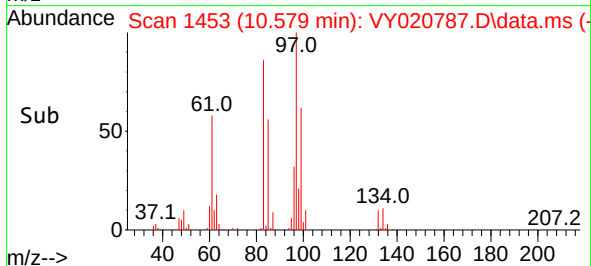
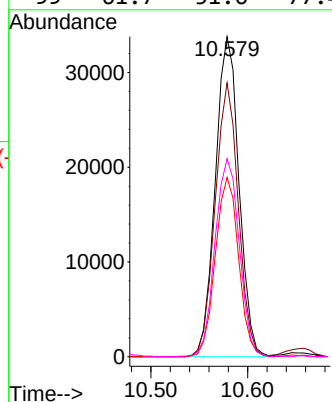
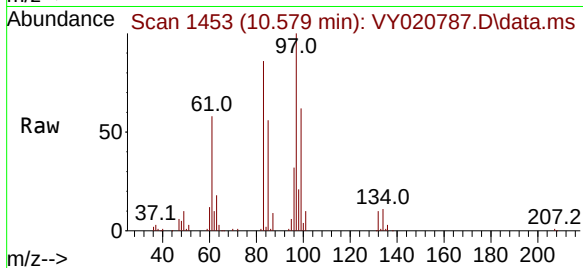
Ion Ratio Lower Upper

97 100

83 85.6 62.8 94.2

85 56.0 42.4 63.6

99 61.7 51.6 77.4



#56

Ethyl methacrylate

Concen: 49.521 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

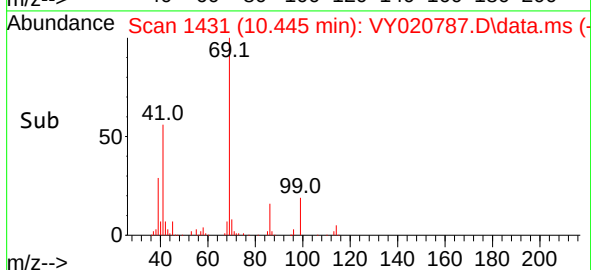
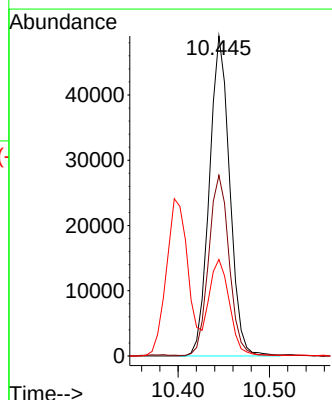
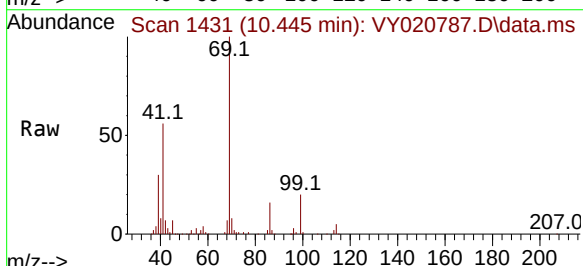
Tgt Ion: 69 Resp: 75716

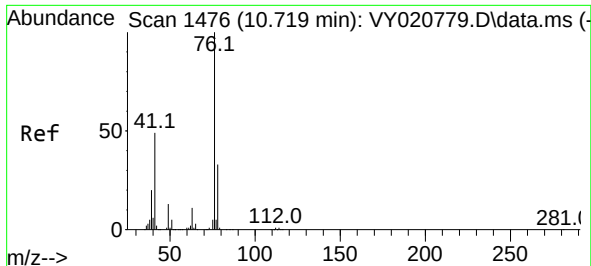
Ion Ratio Lower Upper

69 100

41 57.5 46.6 69.8

39 29.5 25.7 38.5





#57

1,3-Dichloropropane

Concen: 48.607 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

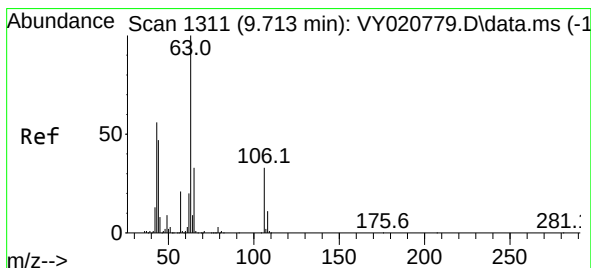
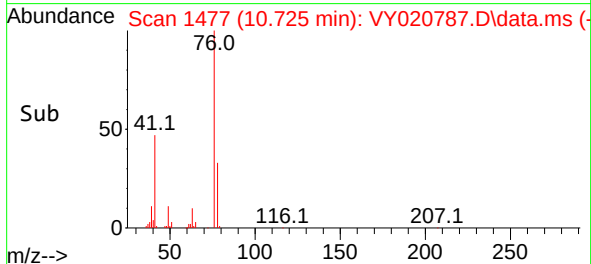
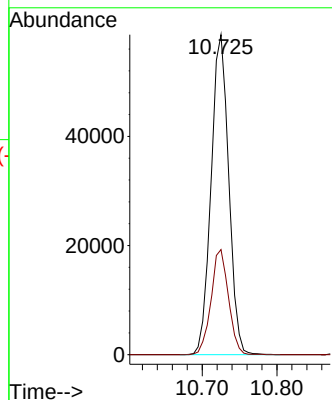
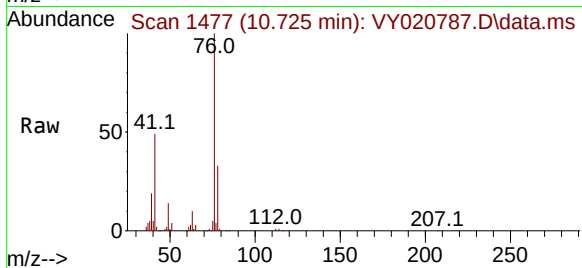
ClientSampleId :

Tgt Ion: 76 Resp: 95923

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 217.836 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020787.D

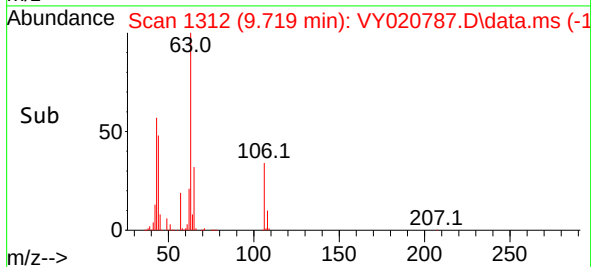
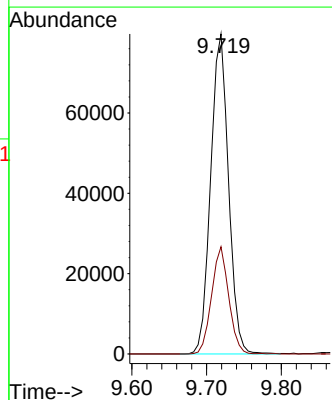
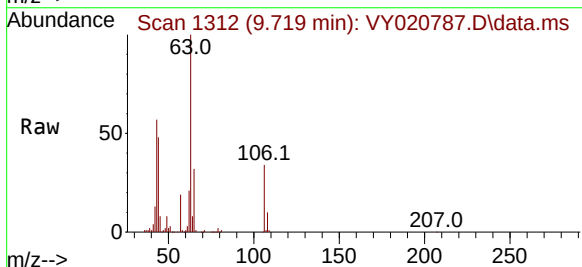
Acq: 06 Jan 2025 16:48

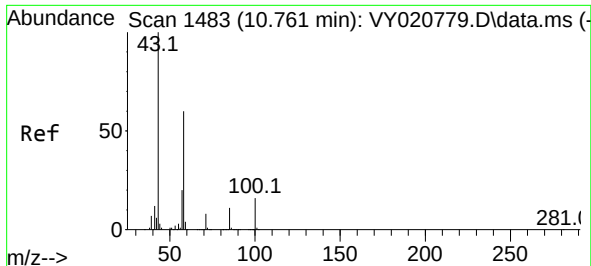
Tgt Ion: 63 Resp: 132130

Ion Ratio Lower Upper

63 100

106 32.1 25.9 38.9

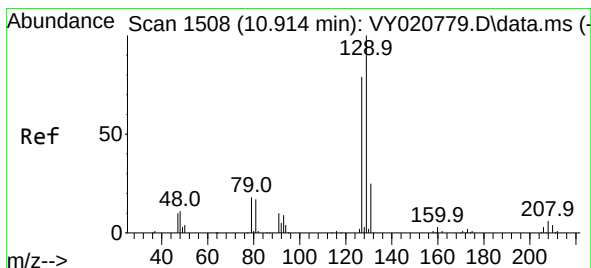
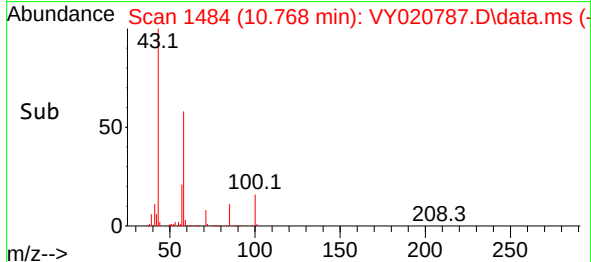
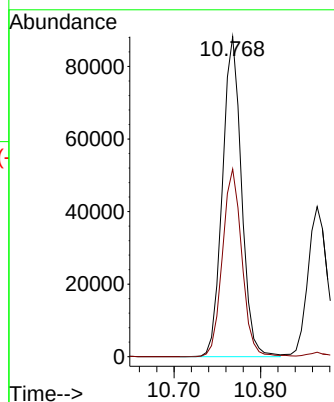
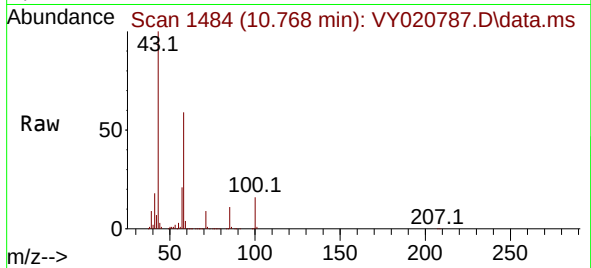




#59
2-Hexanone
Concen: 245.259 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

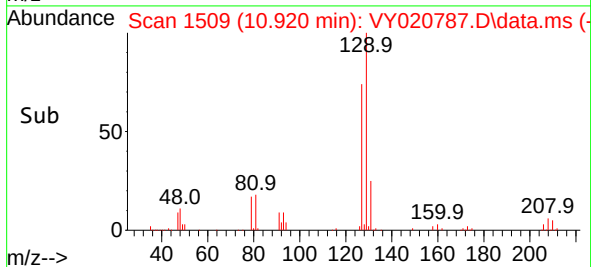
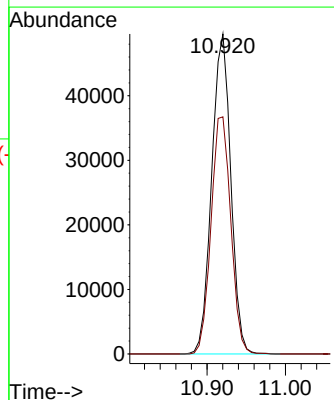
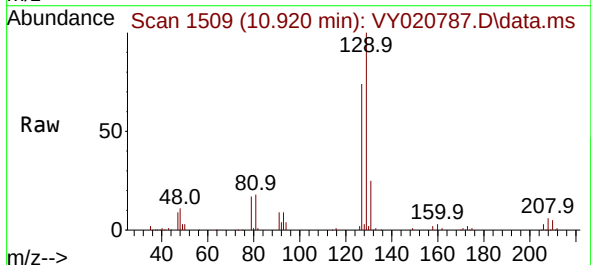
Instrument :
MSVOA_Y
ClientSampleId :

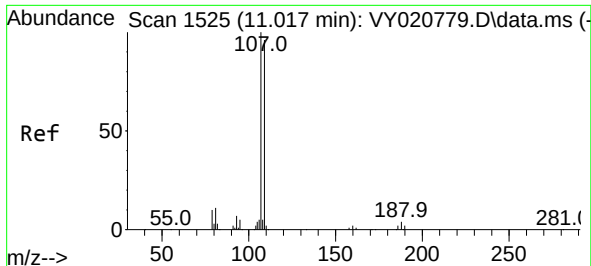
Tgt Ion: 43 Resp: 134952
Ion Ratio Lower Upper
43 100
58 59.8 30.6 92.0



#60
Dibromochloromethane
Concen: 47.755 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 129 Resp: 83851
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

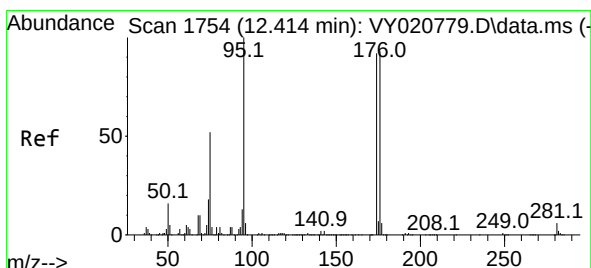
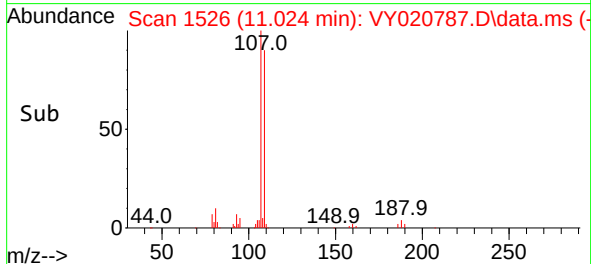
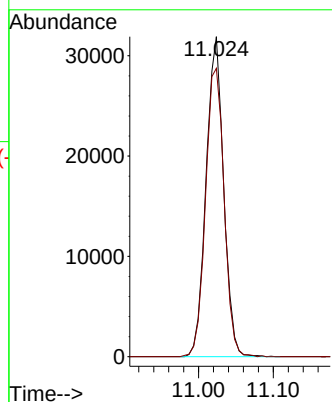
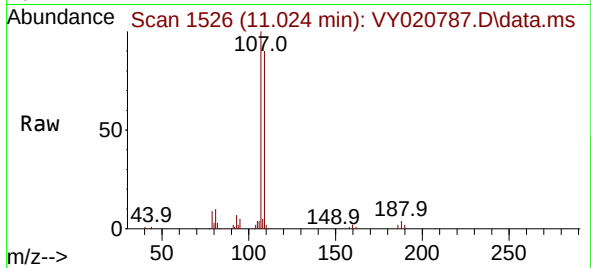




#61
1,2-Dibromoethane
Concen: 47.815 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

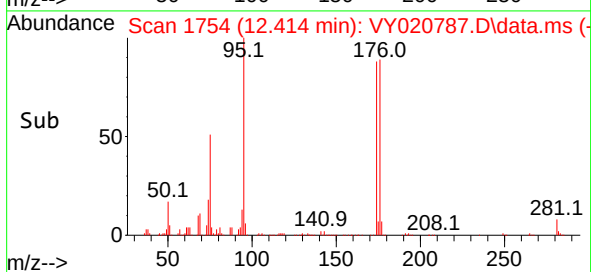
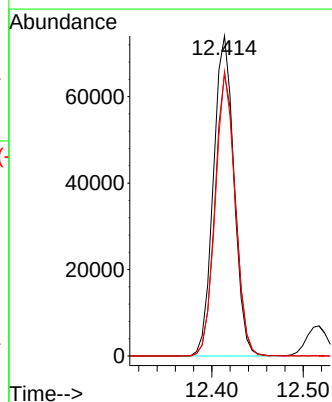
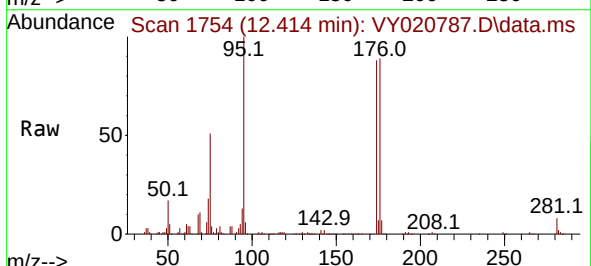
Instrument :
MSVOA_Y
ClientSampleId :

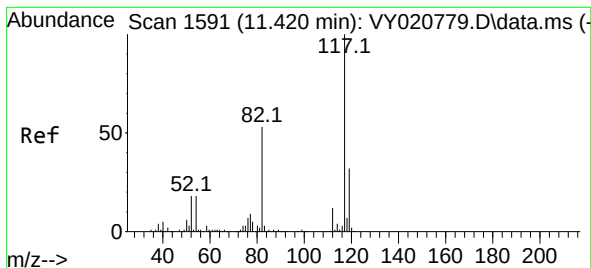
Tgt Ion:107 Resp: 51970
Ion Ratio Lower Upper
107 100
109 95.3 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 54.068 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 95 Resp: 115743
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.0
176 85.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

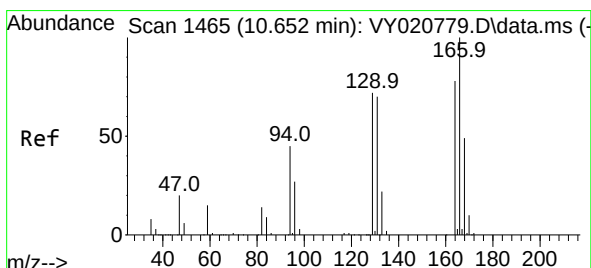
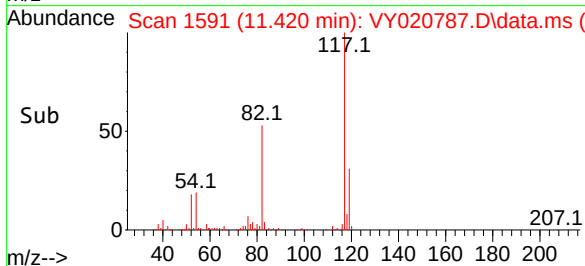
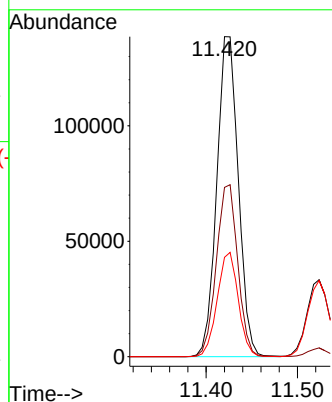
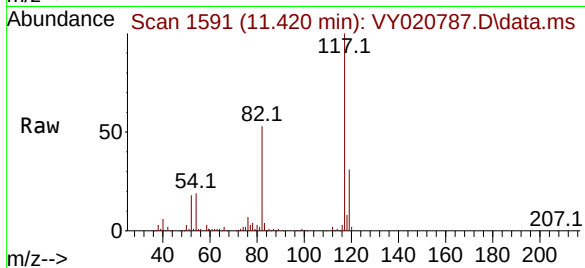
Tgt Ion:117 Resp: 227071

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

119 31.0 25.8 38.8



#64

Tetrachloroethene

Concen: 45.680 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Tgt Ion:164 Resp: 76261

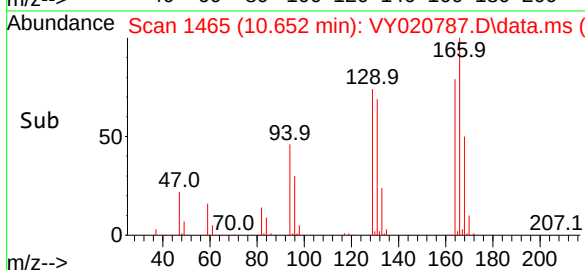
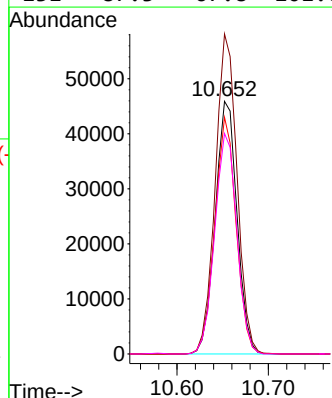
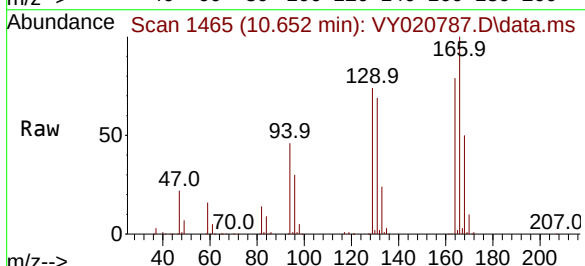
Ion Ratio Lower Upper

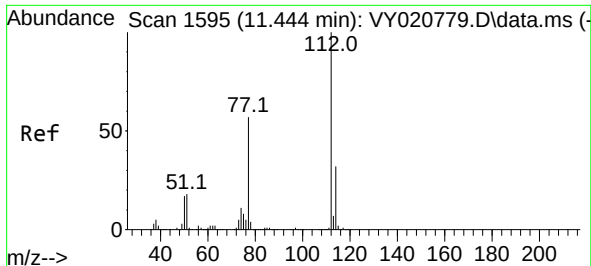
164 100

166 126.6 102.0 153.0

129 93.6 71.4 107.2

131 87.3 67.8 101.6

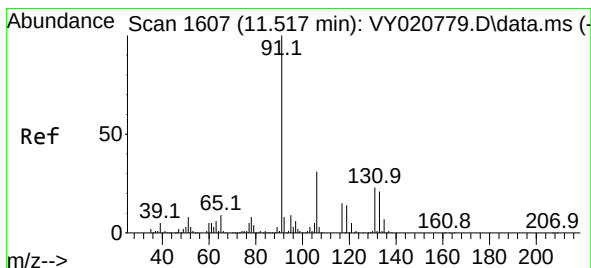
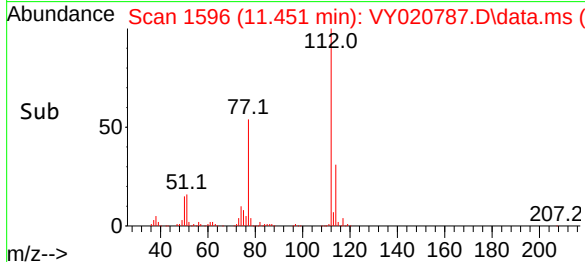
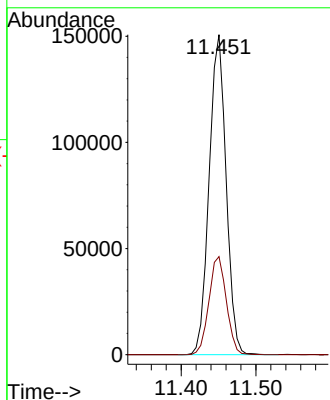
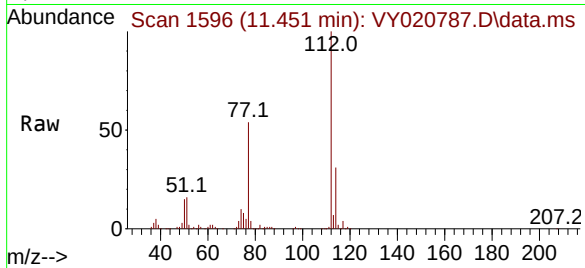




#65
Chlorobenzene
Concen: 47.349 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

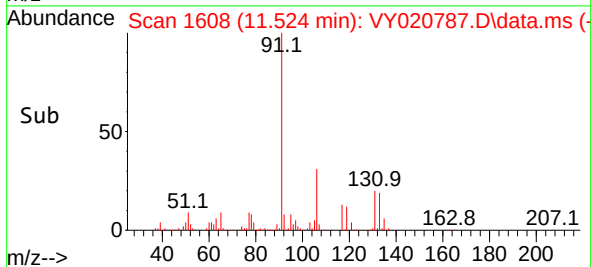
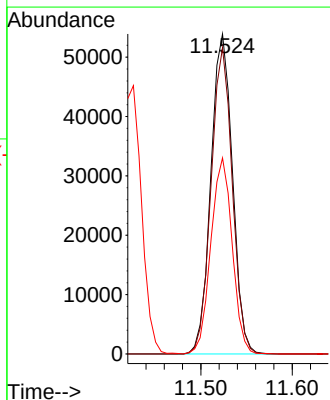
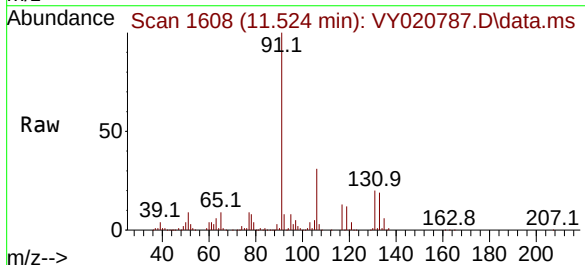
Instrument :
MSVOA_Y
ClientSampleId :

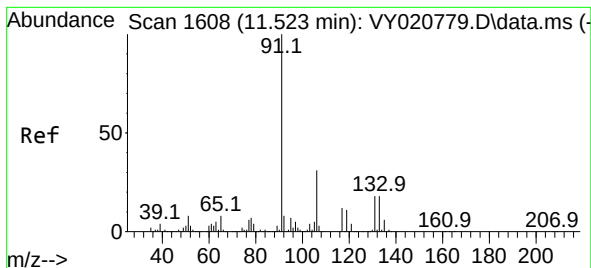
Tgt Ion:112 Resp: 237718
Ion Ratio Lower Upper
112 100
114 30.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 46.250 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion:131 Resp: 88395
Ion Ratio Lower Upper
131 100
133 94.1 46.9 140.8
119 60.6 30.2 90.6





#67

Ethyl Benzene

Concen: 47.100 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

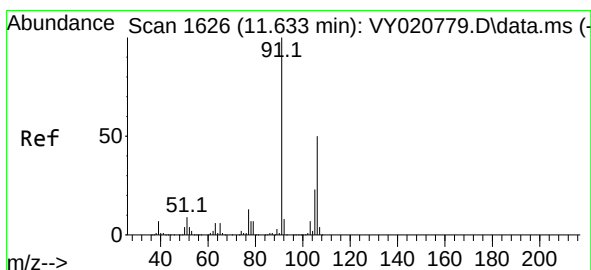
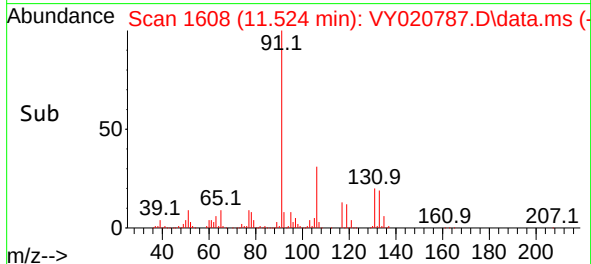
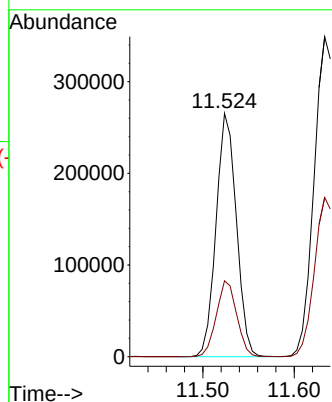
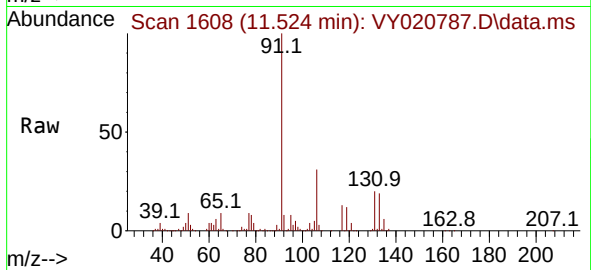
ClientSampleId :

Tgt Ion: 91 Resp: 409398

Ion Ratio Lower Upper

91 100

106 31.2 25.5 38.3



#68

m/p-Xylenes

Concen: 93.049 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020787.D

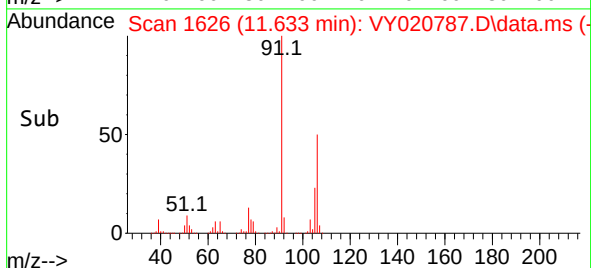
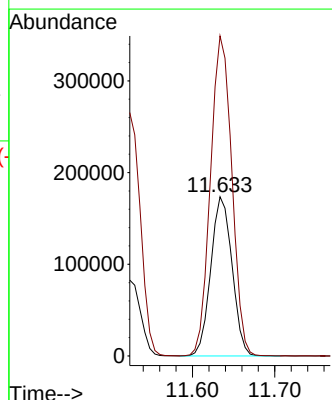
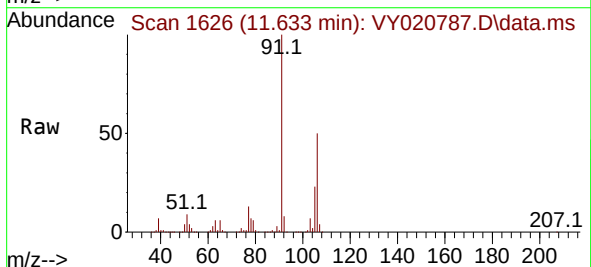
Acq: 06 Jan 2025 16:48

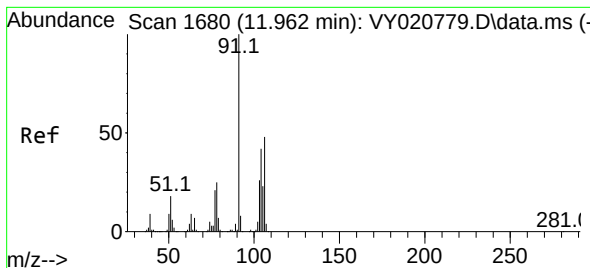
Tgt Ion:106 Resp: 311398

Ion Ratio Lower Upper

106 100

91 202.7 162.6 243.8

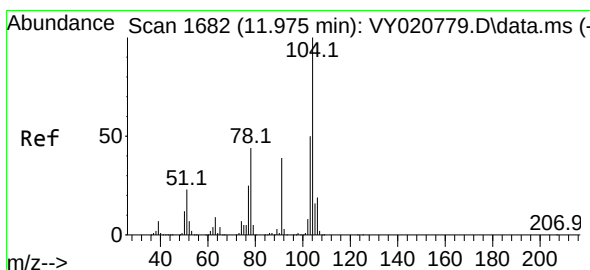
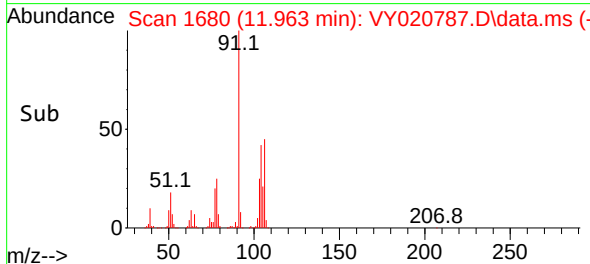
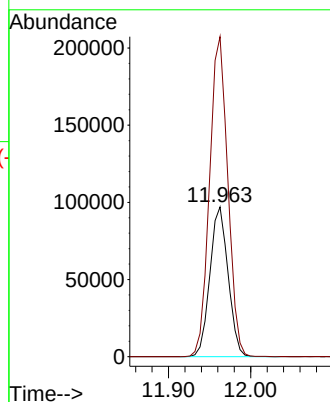
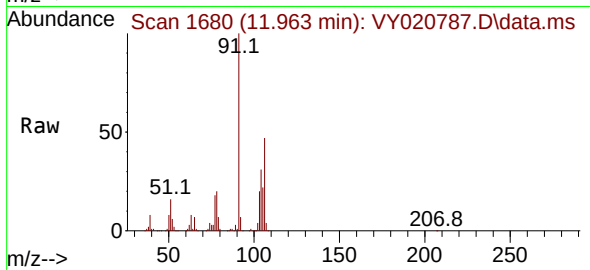




#69
o-Xylene
Concen: 47.007 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

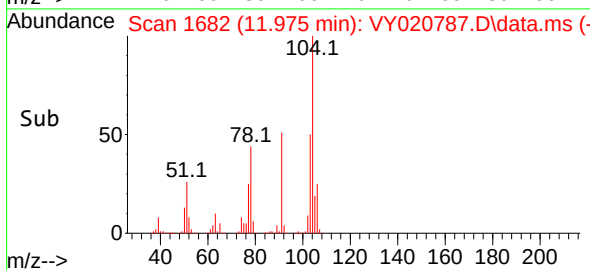
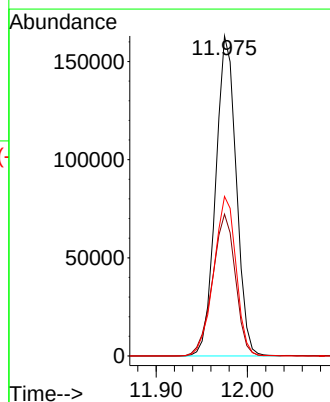
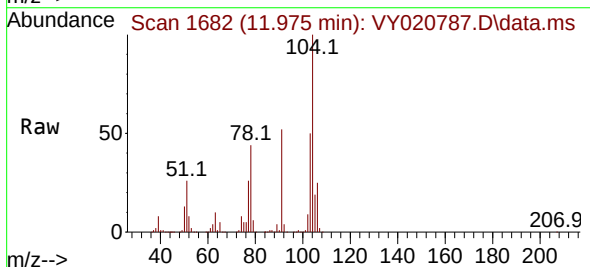
Instrument :
MSVOA_Y
ClientSampleId :

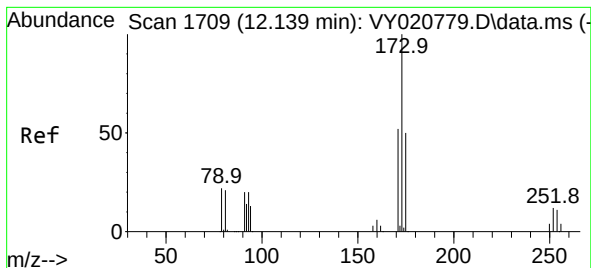
Tgt Ion:106 Resp: 149158
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6



#70
Styrene
Concen: 47.843 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion:104 Resp: 255545
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.2
103 54.0 44.0 66.0





#71

Bromoform

Concen: 45.591 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020787.D

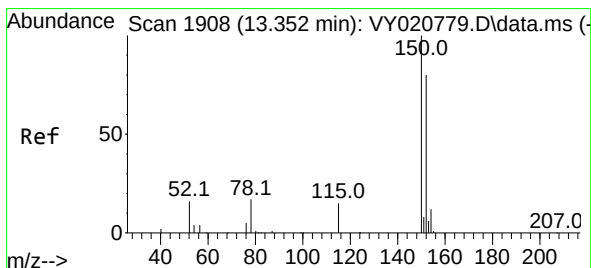
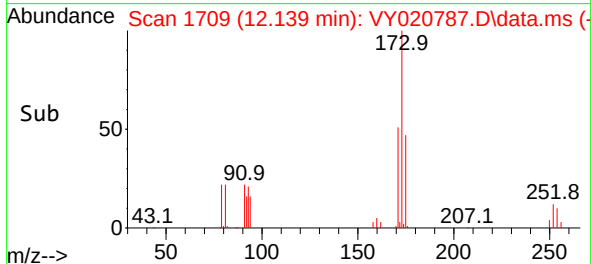
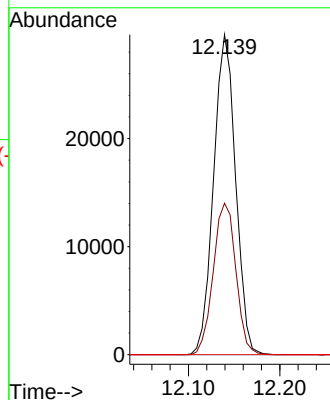
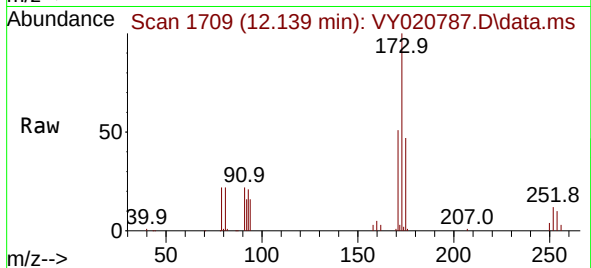
Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	49535
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.2	72.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

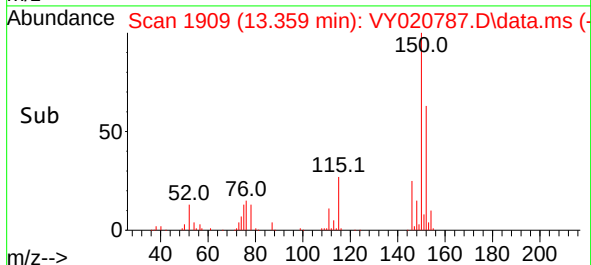
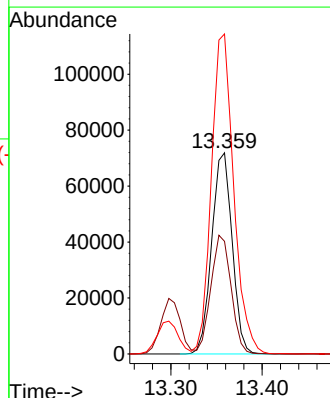
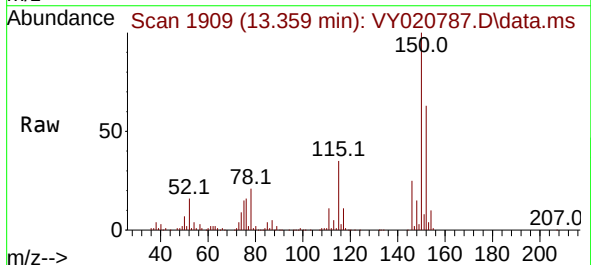
RT: 13.359 min Scan# 1909

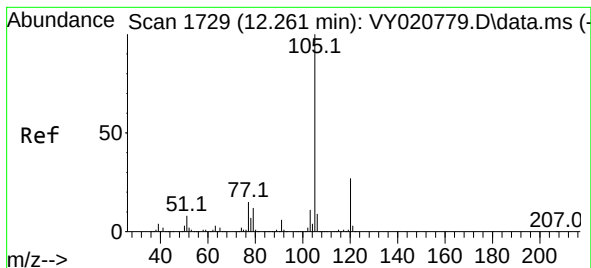
Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Tgt Ion:	152	Resp:	111829
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.0	87.0
150	173.8	0.0	347.4





#73

Isopropylbenzene

Concen: 46.181 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

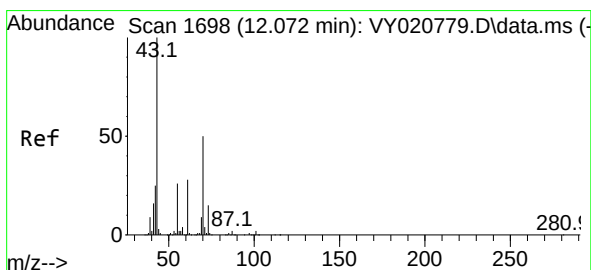
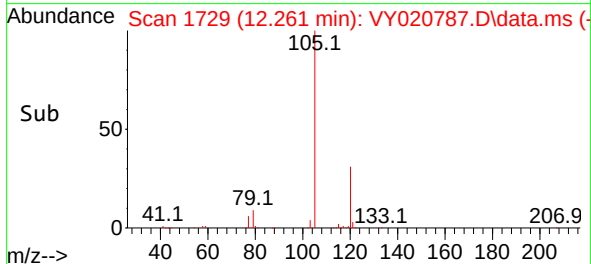
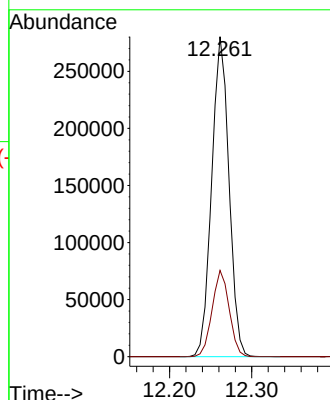
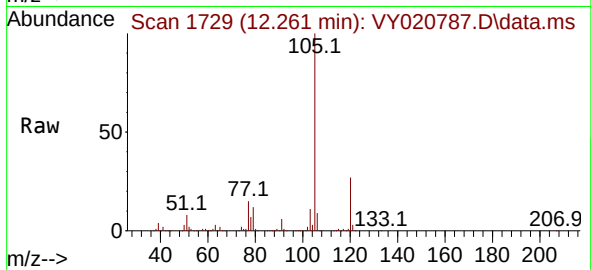
ClientSampleId :

Tgt Ion:105 Resp: 409702

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 48.324 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Tgt Ion: 43 Resp: 70126

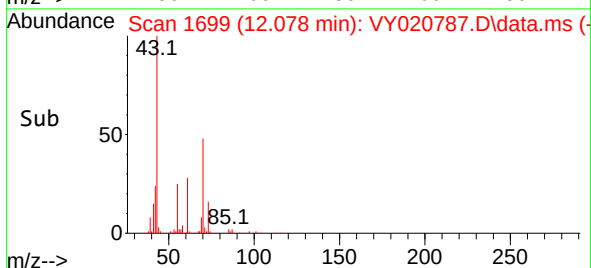
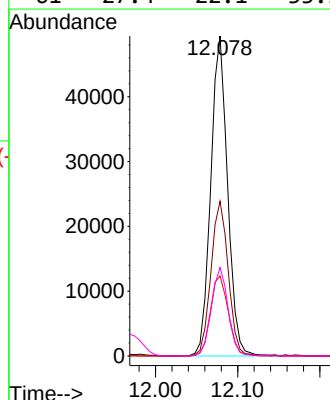
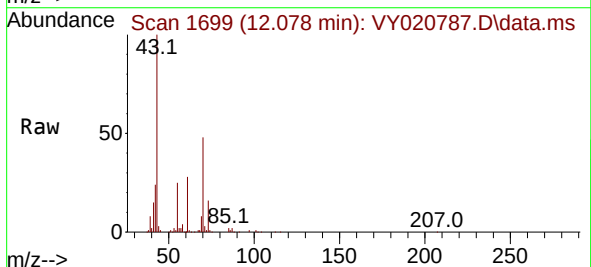
Ion Ratio Lower Upper

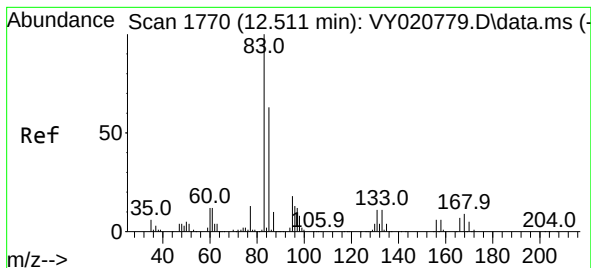
43 100

70 49.8 40.2 60.4

55 26.7 21.2 31.8

61 27.4 22.1 33.1

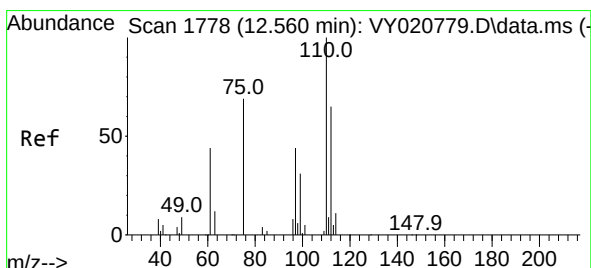
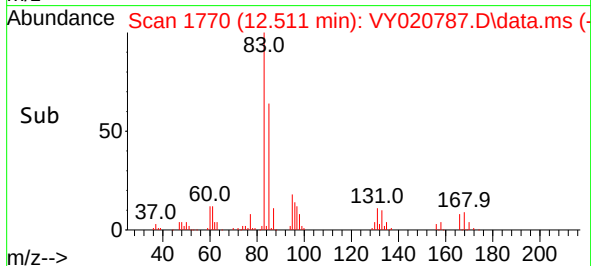
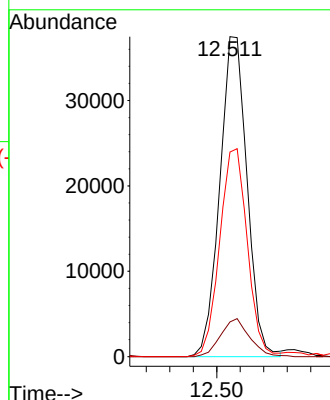
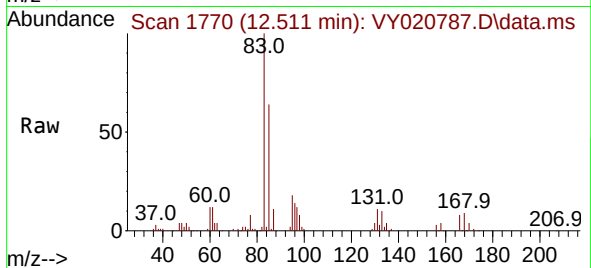




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.994 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

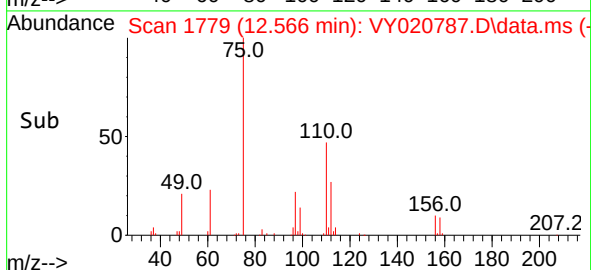
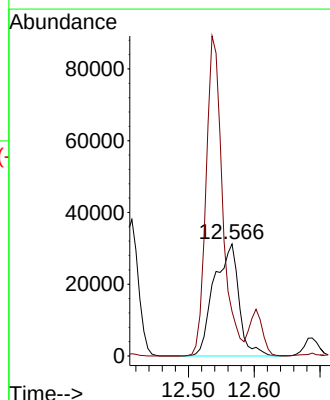
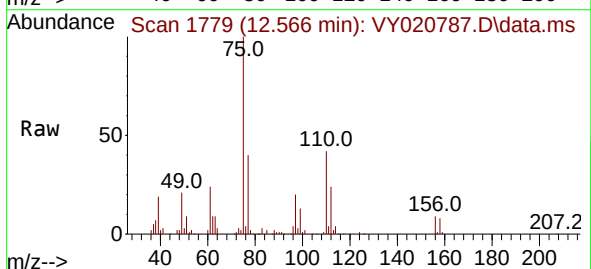
Instrument :
 MSVOA_Y
 ClientSampleId :

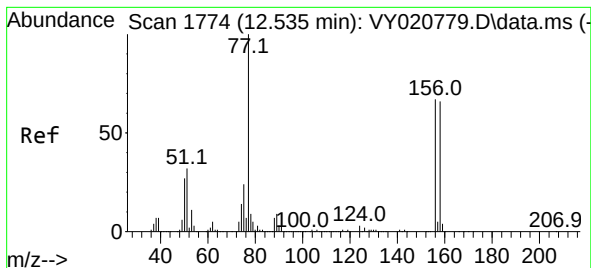
Tgt Ion: 83 Resp: 60500
 Ion Ratio Lower Upper
 83 100
 131 12.7 6.0 18.0
 85 65.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 83.907 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

Tgt Ion: 75 Resp: 82101
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.073 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

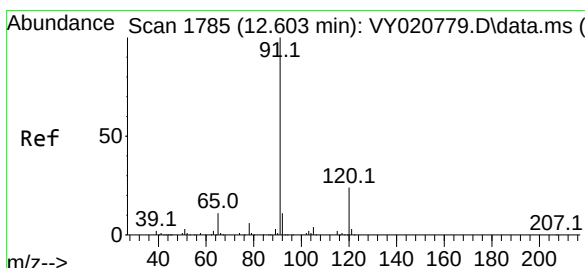
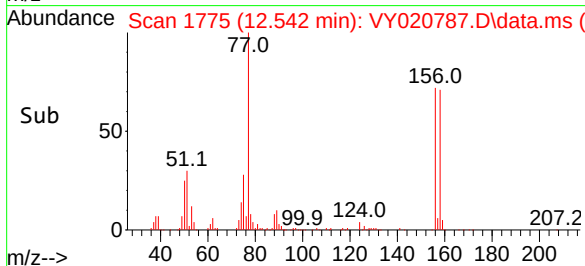
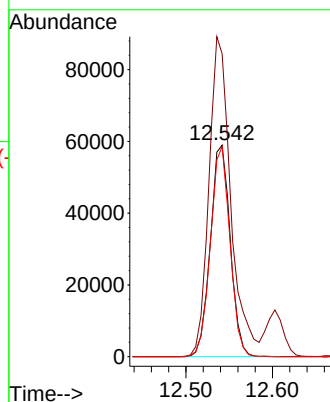
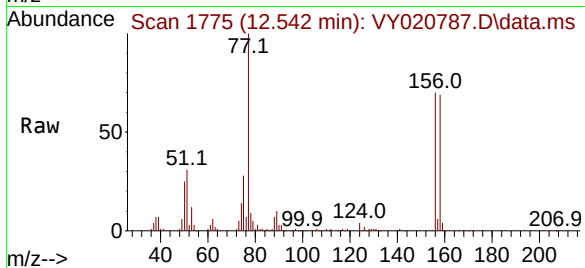
Tgt Ion:156 Resp: 94238

Ion Ratio Lower Upper

156 100

77 165.7 82.3 247.0

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 46.612 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020787.D

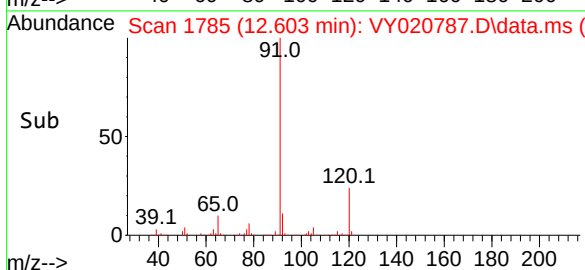
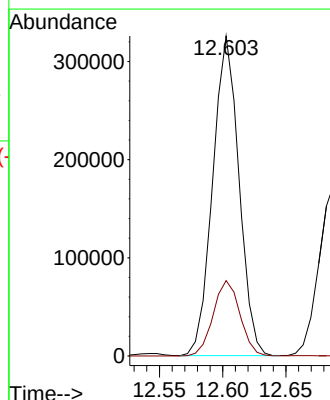
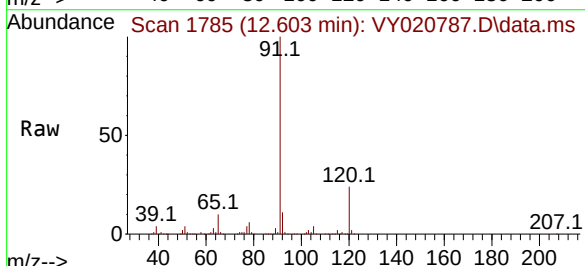
Acq: 06 Jan 2025 16:48

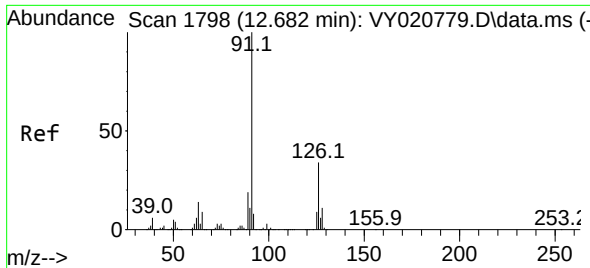
Tgt Ion: 91 Resp: 469369

Ion Ratio Lower Upper

91 100

120 24.0 12.0 36.1

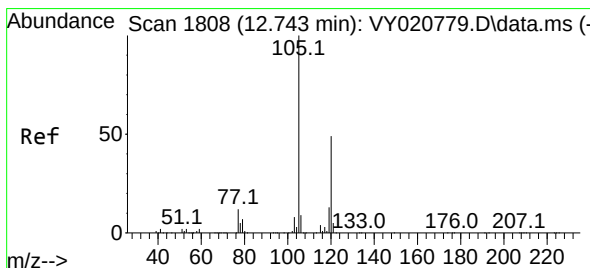
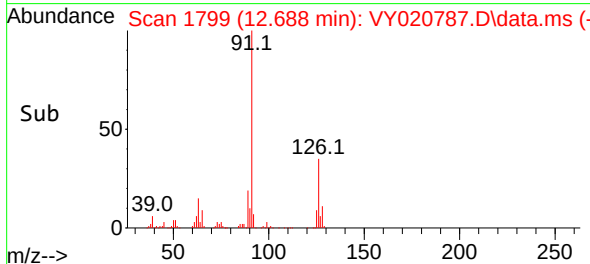
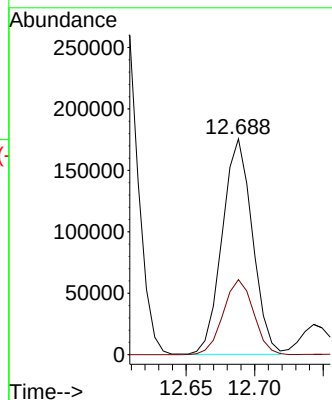
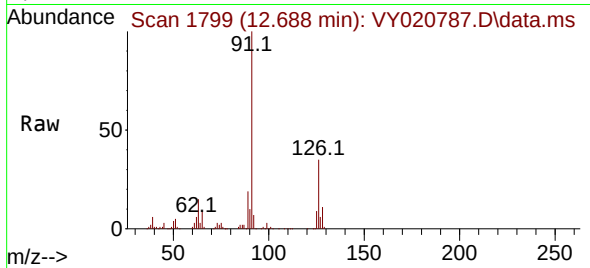




#79
2-Chlorotoluene
Concen: 46.407 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

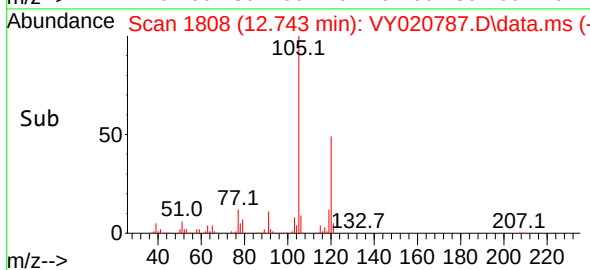
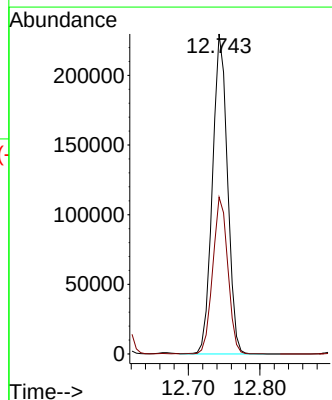
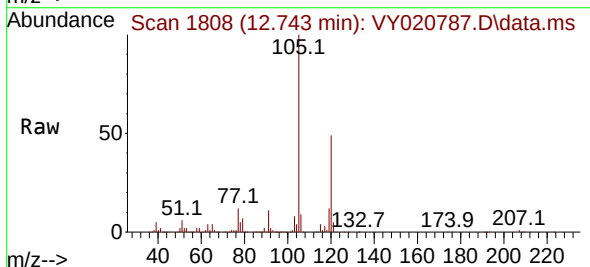
Instrument :
MSVOA_Y
ClientSampleId :

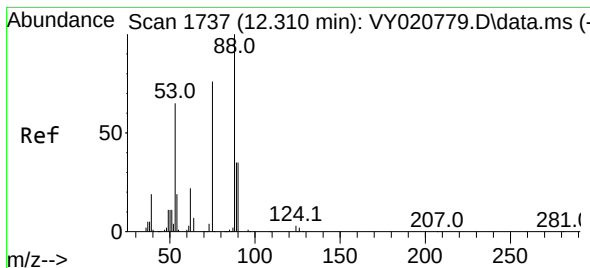
Tgt Ion: 91 Resp: 269104
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 46.628 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 105 Resp: 335241
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

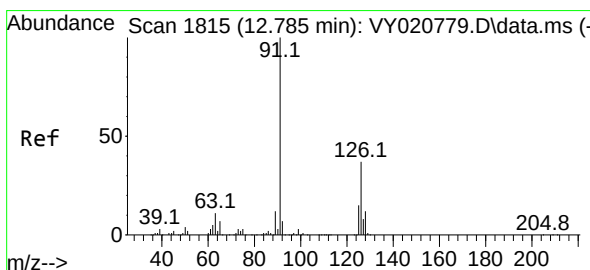
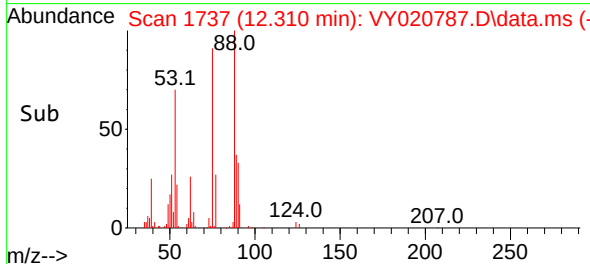
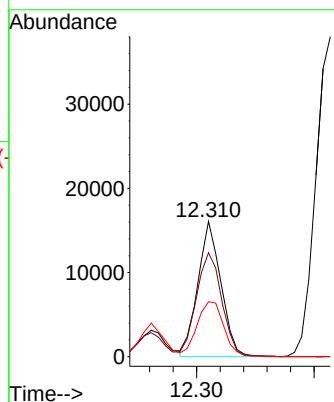
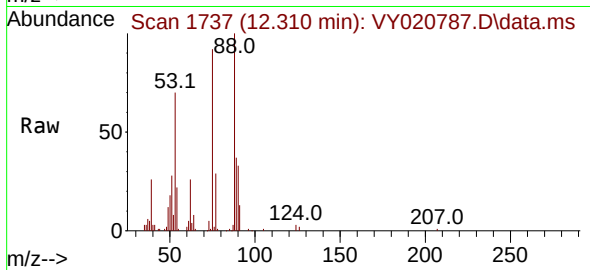




#81
trans-1,4-Dichloro-2-butene
Concen: 47.367 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

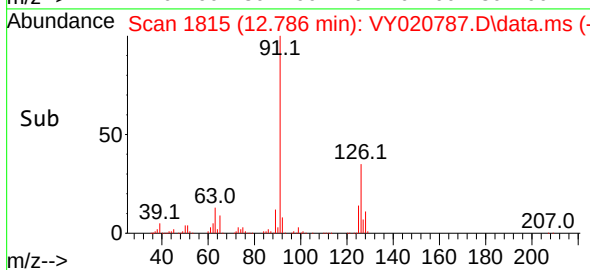
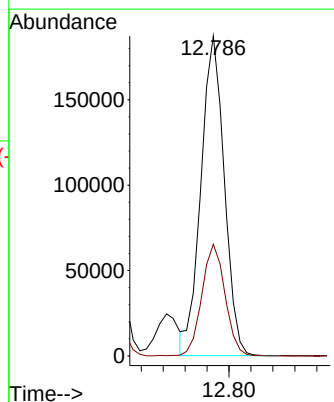
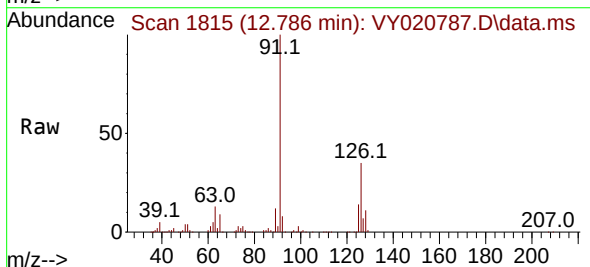
Instrument :
MSVOA_Y
ClientSampleId :

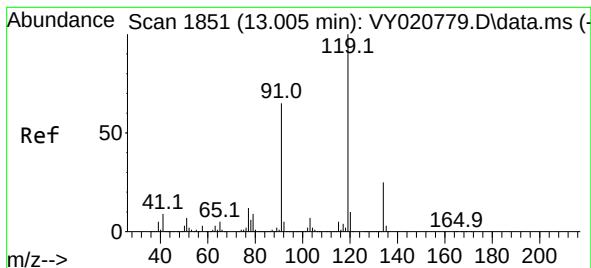
Tgt Ion: 75 Resp: 21981
Ion Ratio Lower Upper
75 100
53 85.3 69.4 104.0
89 46.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 46.265 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 91 Resp: 276863
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7





#83

tert-Butylbenzene

Concen: 45.915 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

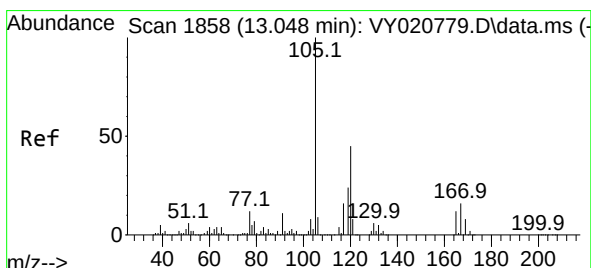
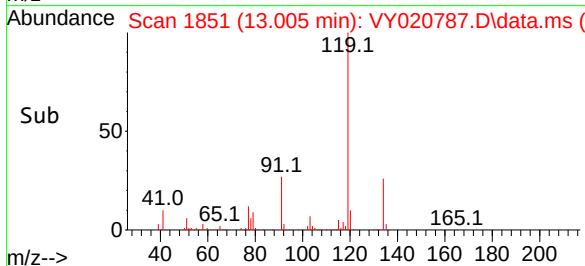
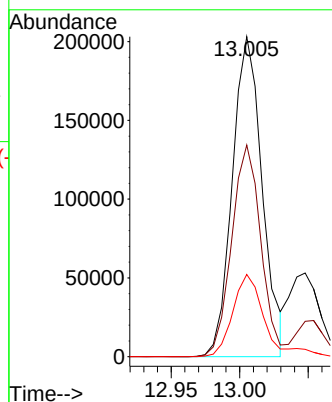
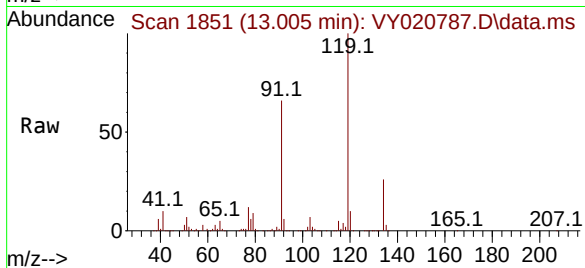
Tgt Ion:119 Resp: 308753

Ion Ratio Lower Upper

119 100

91 64.2 33.0 98.9

134 27.3 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 46.798 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020787.D

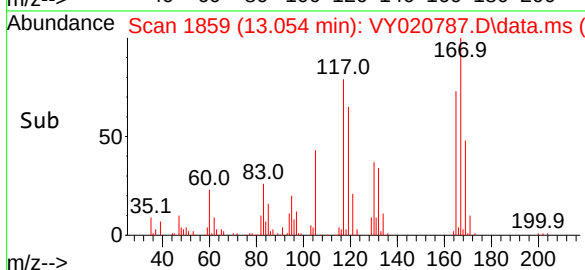
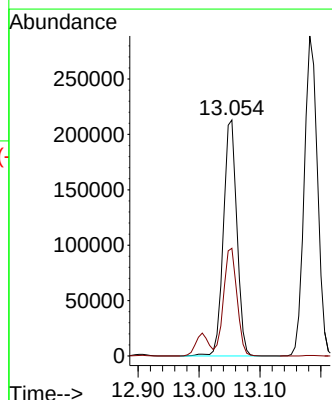
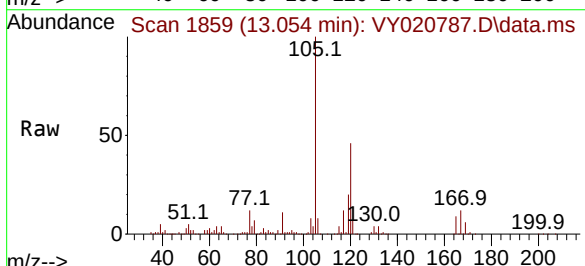
Acq: 06 Jan 2025 16:48

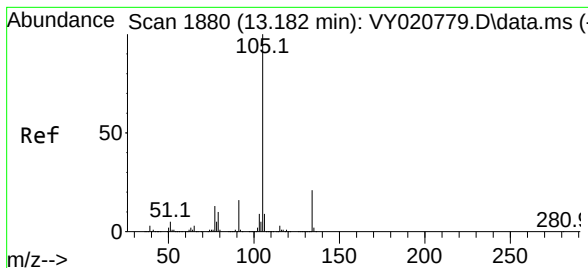
Tgt Ion:105 Resp: 328569

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 46.303 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

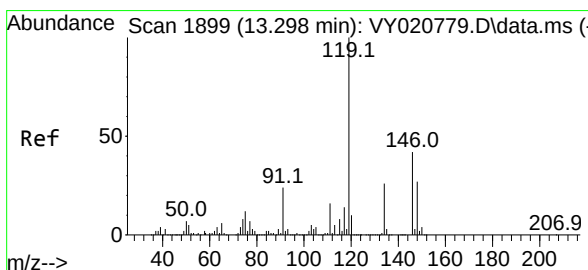
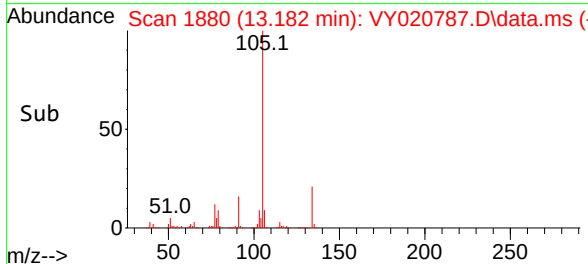
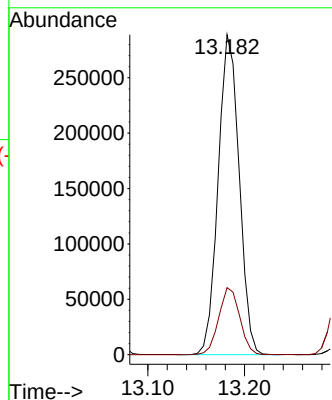
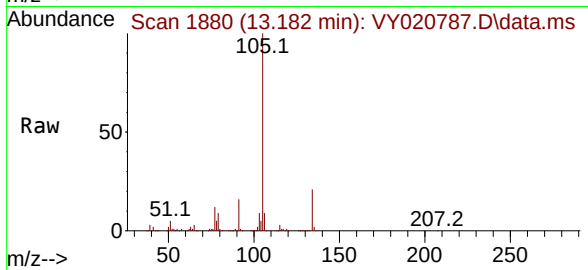
ClientSampleId :

Tgt Ion:105 Resp: 434912

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 46.484 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

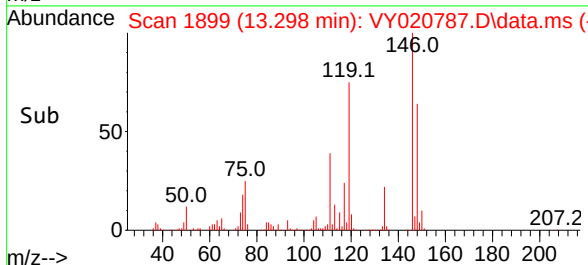
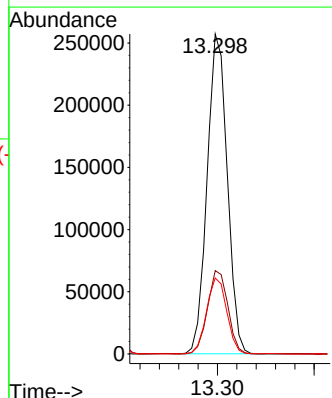
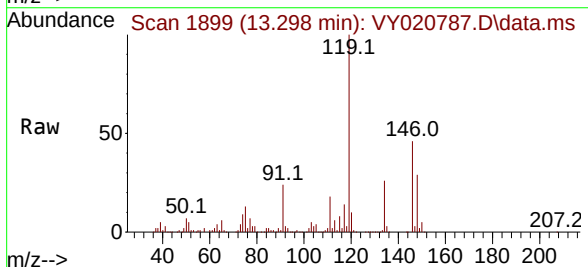
Tgt Ion:119 Resp: 372456

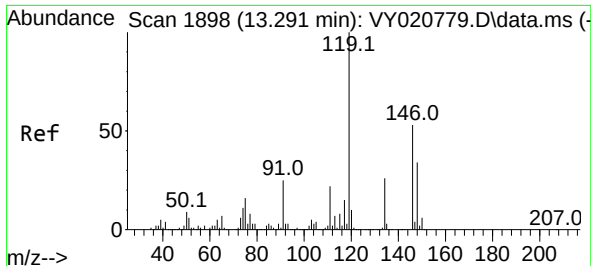
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 23.8 11.8 35.3

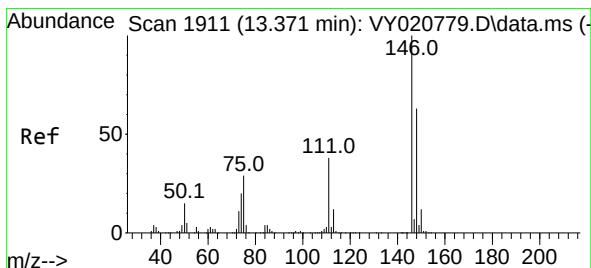
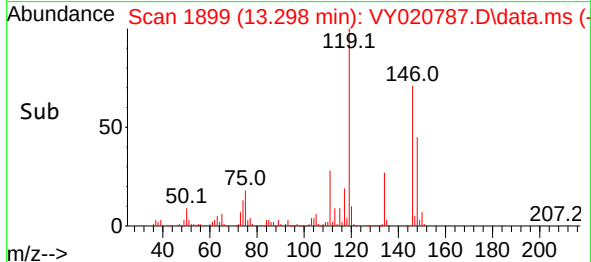
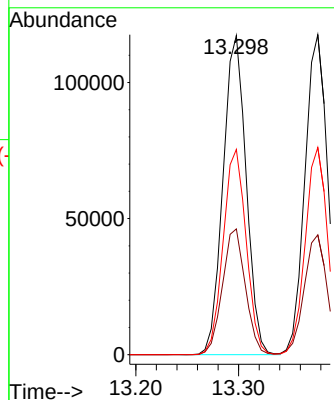
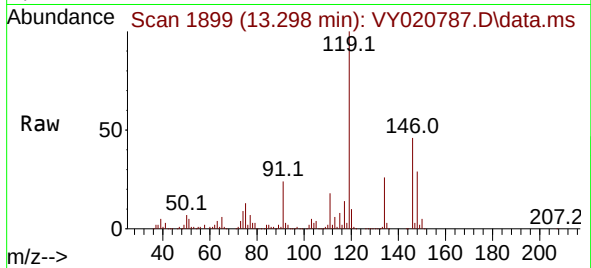




#87
1,3-Dichlorobenzene
Concen: 46.046 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

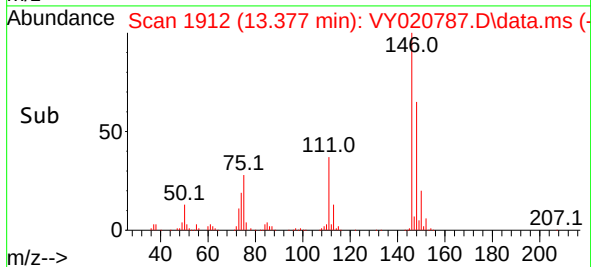
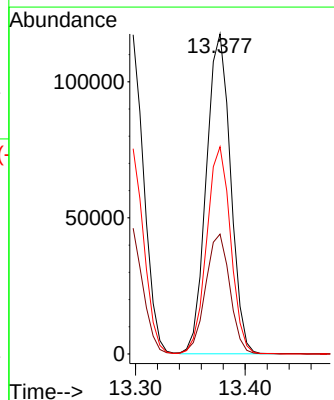
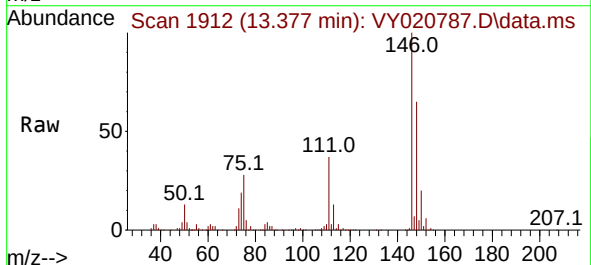
Instrument :
MSVOA_Y
ClientSampleId :

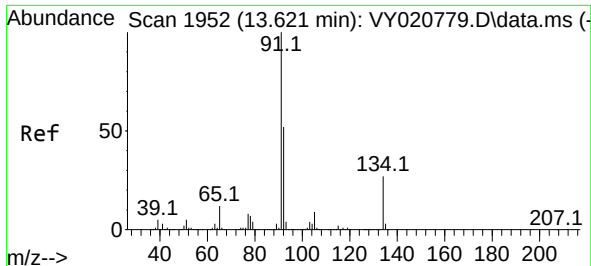
Tgt Ion:146 Resp: 183002
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 63.9 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 46.166 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion:146 Resp: 180609
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.3
148 64.2 32.1 96.5

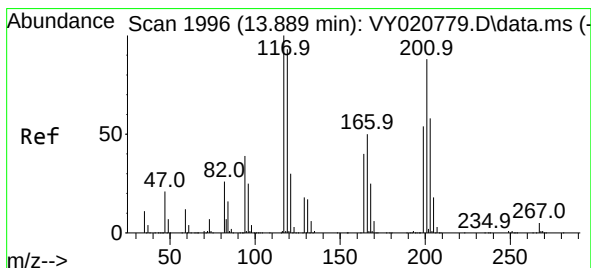
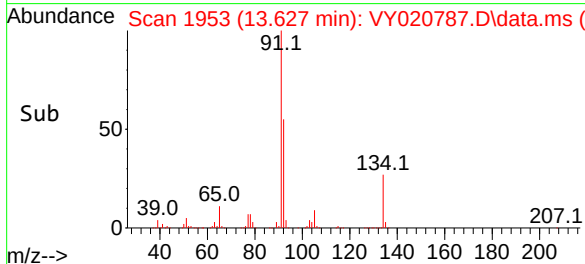
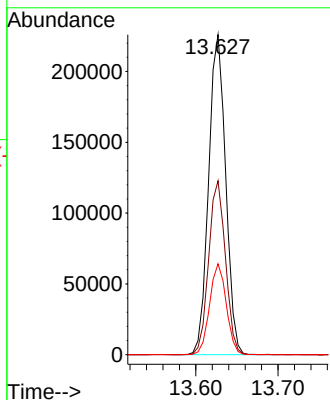
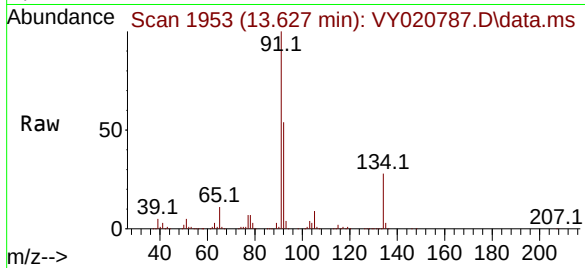




#89
n-Butylbenzene
Concen: 46.805 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

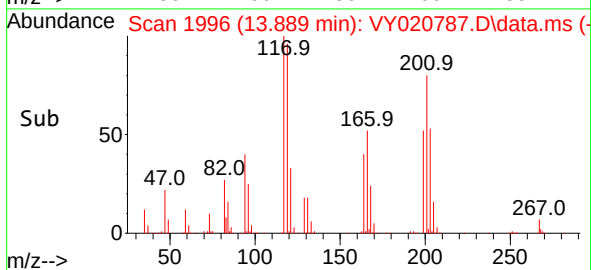
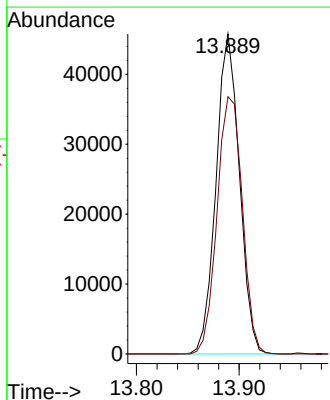
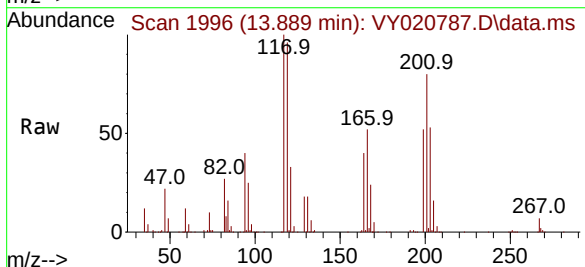
Instrument :
MSVOA_Y
ClientSampleId :

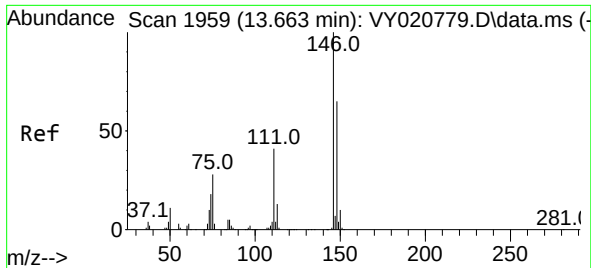
Tgt Ion: 91 Resp: 325355
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 27.8 13.8 41.4



#90
Hexachloroethane
Concen: 44.956 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY020787.D
Acq: 06 Jan 2025 16:48

Tgt Ion: 117 Resp: 72330
Ion Ratio Lower Upper
117 100
201 86.8 42.9 128.7

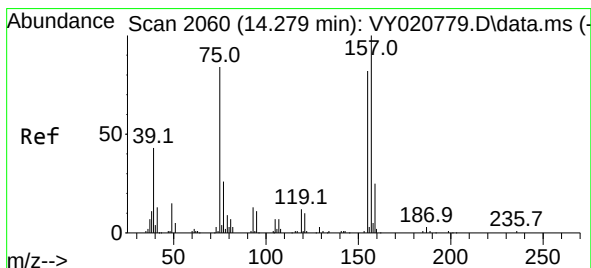
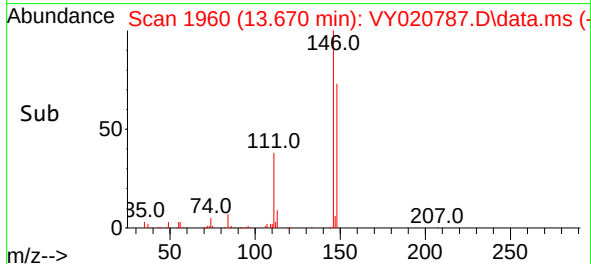
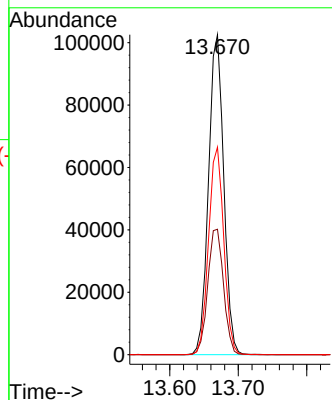
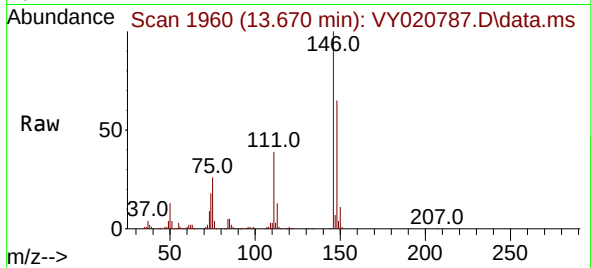




#91
 1,2-Dichlorobenzene
 Concen: 45.596 ug/l
 RT: 13.670 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

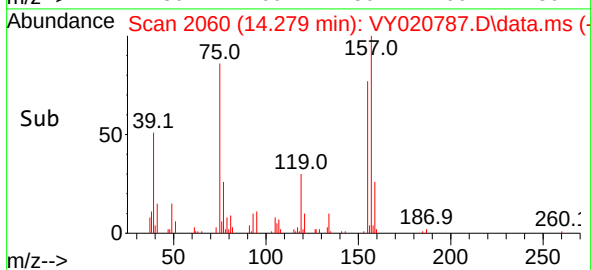
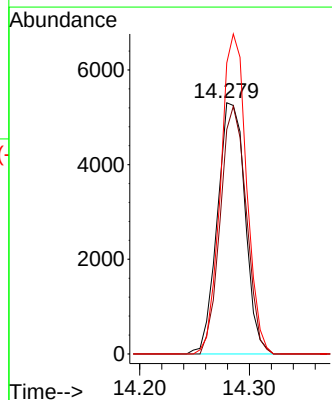
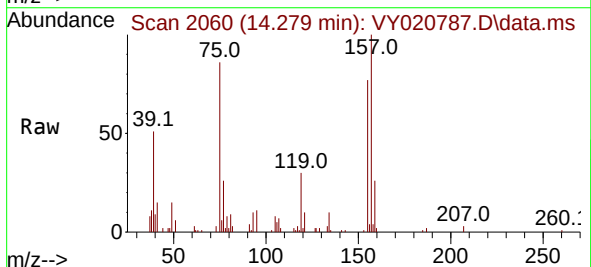
Instrument :
 MSVOA_Y
 ClientSampleId :

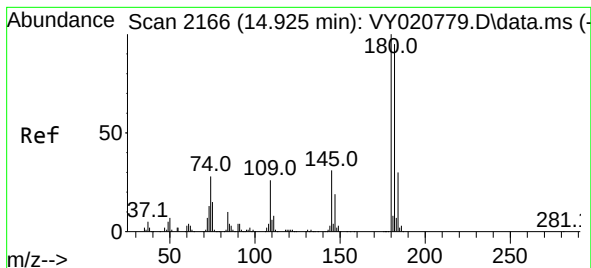
Tgt Ion:146 Resp: 158444
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.803 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY020787.D
 Acq: 06 Jan 2025 16:48

Tgt Ion: 75 Resp: 9306
 Ion Ratio Lower Upper
 75 100
 155 92.3 45.5 136.5
 157 118.6 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 47.483 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

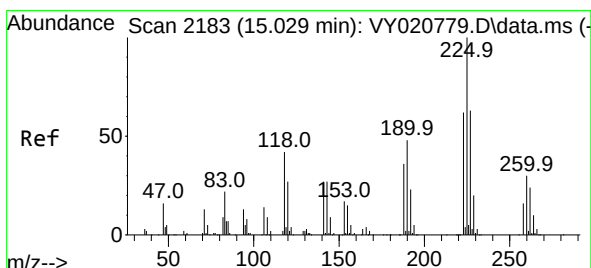
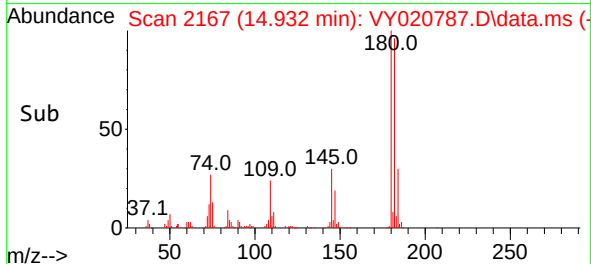
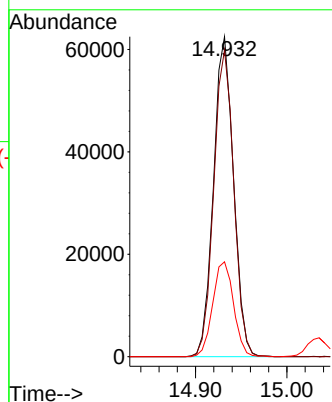
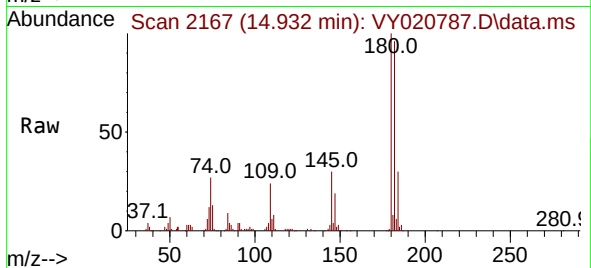
Tgt Ion:180 Resp: 94957

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 30.9 15.0 45.1



#94

Hexachlorobutadiene

Concen: 47.449 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

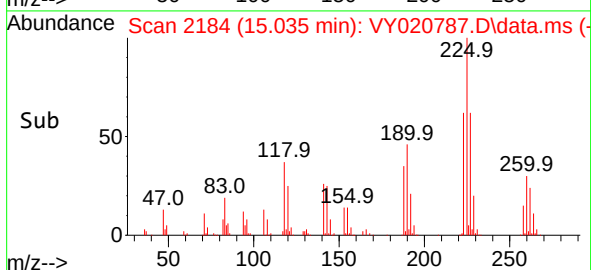
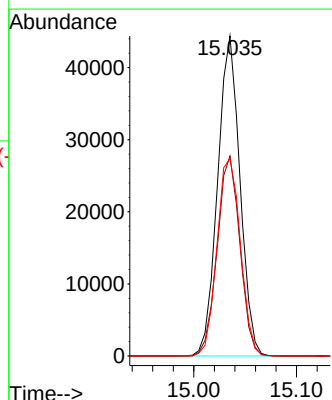
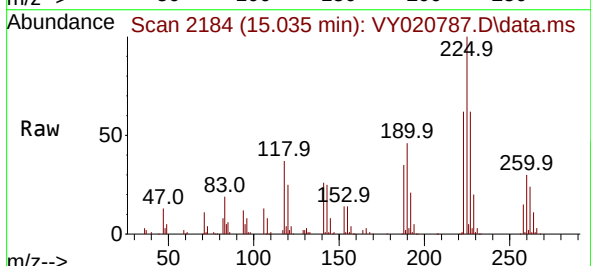
Tgt Ion:225 Resp: 66895

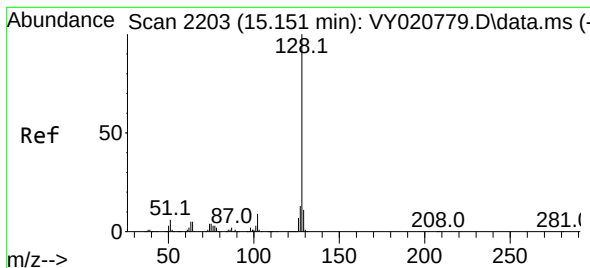
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.8

227 64.8 32.2 96.6





#95

Naphthalene

Concen: 46.255 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

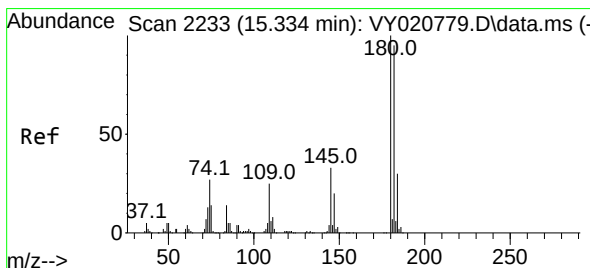
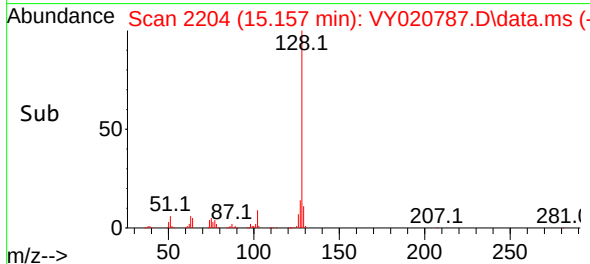
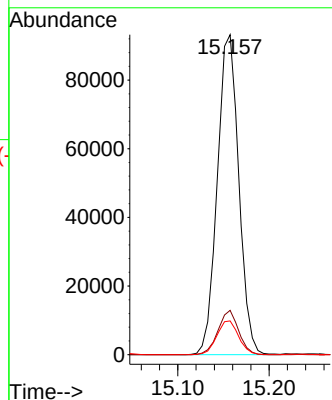
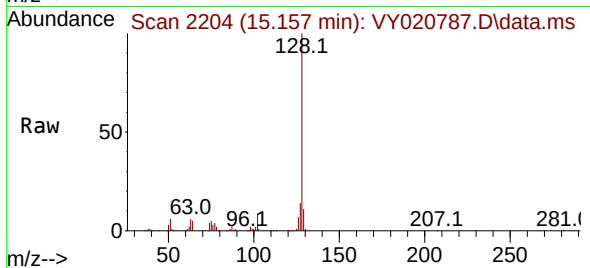
Tgt Ion:128 Resp: 152242

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.793 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020787.D

Acq: 06 Jan 2025 16:48

Tgt Ion:180 Resp: 78399

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.3

145 32.6 16.1 48.2

