

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020777.D
 Acq On : 06 Jan 2025 10:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 01:04:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 00:58:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	172274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	249980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	209657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	83137	56.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.560%	
35) Dibromofluoromethane	7.640	113	84923	54.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.109	98	321709	58.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.860%	
62) 4-Bromofluorobenzene	12.408	95	108574	53.854	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	62344	49.311	ug/l	100
3) Chloromethane	2.074	50	32682	49.094	ug/l	100
4) Vinyl Chloride	2.208	62	37699	50.943	ug/l	100
5) Bromomethane	2.604	94	25399	48.187	ug/l	100
6) Chloroethane	2.745	64	23107	50.629	ug/l	100
7) Trichlorofluoromethane	3.068	101	113828	50.116	ug/l	100
8) Diethyl Ether	3.464	74	36680	51.642	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	76687	49.998	ug/l	100
10) Methyl Iodide	4.013	142	87486	53.225	ug/l	100
11) Tert butyl alcohol	4.872	59	27474	248.309	ug/l	100
12) 1,1-Dichloroethene	3.799	96	69378	51.642	ug/l	100
13) Acrolein	3.665	56	4494	144.631	ug/l	100
14) Allyl chloride	4.391	41	97928	50.525	ug/l	100
15) Acrylonitrile	5.067	53	81503	269.997	ug/l	100
16) Acetone	3.879	43	55724	267.618	ug/l	100
17) Carbon Disulfide	4.122	76	157047	53.886	ug/l	100
18) Methyl Acetate	4.397	43	38949	55.399	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	196680	51.875	ug/l	100
20) Methylene Chloride	4.628	84	72036	50.095	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	75340	50.925	ug/l	100
22) Diisopropyl ether	6.031	45	208999	50.620	ug/l	100
23) Vinyl Acetate	5.970	43	603375	265.047	ug/l	100
24) 1,1-Dichloroethane	5.927	63	135643	49.795	ug/l	100
25) 2-Butanone	6.902	43	93445	273.199	ug/l	100
26) 2,2-Dichloropropane	6.890	77	139959	49.486	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	94000	50.359	ug/l	100
28) Bromochloromethane	7.256	49	43671	59.413	ug/l	100
29) Tetrahydrofuran	7.268	42	59716	273.305	ug/l	100
30) Chloroform	7.427	83	153906	49.544	ug/l	100
31) Cyclohexane	7.707	56	104202	48.906	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	150332	49.613	ug/l	100
36) 1,1-Dichloropropene	7.841	75	103382	51.754	ug/l	100
37) Ethyl Acetate	6.988	43	42813	53.858	ug/l	100
38) Carbon Tetrachloride	7.823	117	140978	50.700	ug/l	100
39) Methylcyclohexane	9.116	83	127845	52.155	ug/l	100
40) Benzene	8.085	78	314194	51.249	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	25918	56.930	ug/l	100
42) 1,2-Dichloroethane	8.164	62	87813	52.449	ug/l	100
43) Isopropyl Acetate	8.201	43	87247	53.961	ug/l	100
44) Trichloroethene	8.872	130	86316	50.505	ug/l	100
45) 1,2-Dichloropropane	9.146	63	70732	50.892	ug/l	100
46) Dibromomethane	9.237	93	41649	52.185	ug/l	100
47) Bromodichloromethane	9.426	83	117221	51.284	ug/l	100
48) Methyl methacrylate	9.225	41	40759	56.230	ug/l	100
49) 1,4-Dioxane	9.237	88	9733	1148.599	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	225583	279.270	ug/l	100
52) Toluene	10.176	92	208932	51.464	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	108857	53.546	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	122275	51.789	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	57654	50.565	ug/l	100
56) Ethyl methacrylate	10.445	69	78496	54.512	ug/l	100
57) 1,3-Dichloropropane	10.719	76	97572	52.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	162445	284.366	ug/l	100
59) 2-Hexanone	10.762	43	148109	285.806	ug/l	100
60) Dibromochloromethane	10.914	129	85869	51.926	ug/l	100
61) 1,2-Dibromoethane	11.018	107	53509	52.273	ug/l	100
64) Tetrachloroethene	10.652	164	78568	50.971	ug/l	100
65) Chlorobenzene	11.444	112	233941	50.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	88704	50.266	ug/l	100
67) Ethyl Benzene	11.524	91	412177	51.358	ug/l	100
68) m/p-Xylenes	11.633	106	314202	101.685	ug/l	100
69) o-Xylene	11.956	106	148137	50.563	ug/l	100
70) Styrene	11.975	104	254198	51.543	ug/l	100
71) Bromoform	12.133	173	52647	52.480	ug/l #	100
73) Isopropylbenzene	12.255	105	413538	50.687	ug/l	100
74) N-amyl acetate	12.072	43	73682	55.211	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	65576	53.031	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	85787	94.237	ug/l #	100
77) Bromobenzene	12.536	156	94894	50.448	ug/l	100
78) n-propylbenzene	12.597	91	470058	50.760	ug/l	100
79) 2-Chlorotoluene	12.682	91	268751	50.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	335394	50.726	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	23689	55.508	ug/l	100
82) 4-Chlorotoluene	12.779	91	276448	50.232	ug/l	100
83) tert-Butylbenzene	12.999	119	308716	49.921	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	331714	51.375	ug/l	100
85) sec-Butylbenzene	13.182	105	440957	51.049	ug/l	100
86) p-Isopropyltoluene	13.298	119	374493	50.822	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	183640	50.245	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	179745	49.960	ug/l	100
89) n-Butylbenzene	13.621	91	327954	51.302	ug/l	100
90) Hexachloroethane	13.883	117	73051	49.372	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	160636	50.267	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10194	50.985	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	95880	52.134	ug/l	100
94) Hexachlorobutadiene	15.029	225	64206	49.522	ug/l	100
95) Naphthalene	15.151	128	161153	53.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	77989	50.616	ug/l	100

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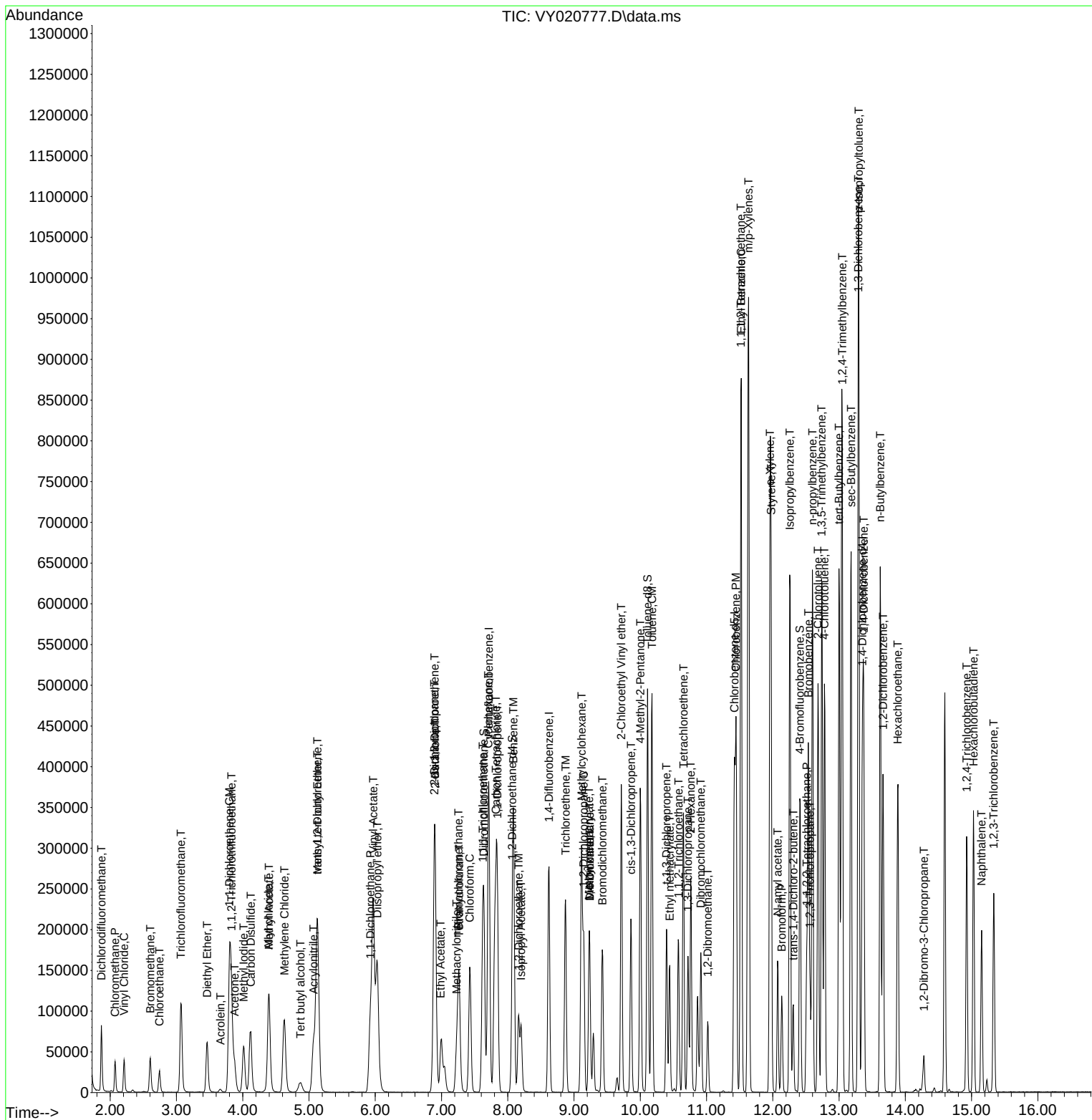
Instrument :
MSVOA_Y
ClientSampleId :

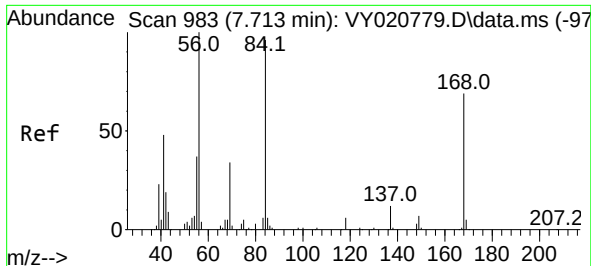
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QLast Update : Tue Jan 07 00:58:55 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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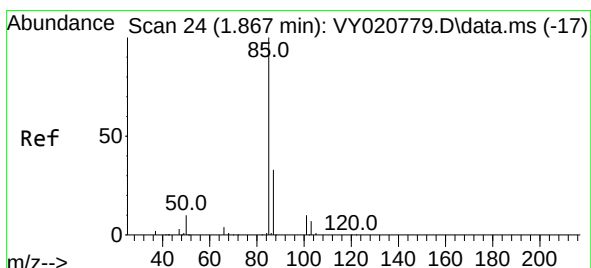
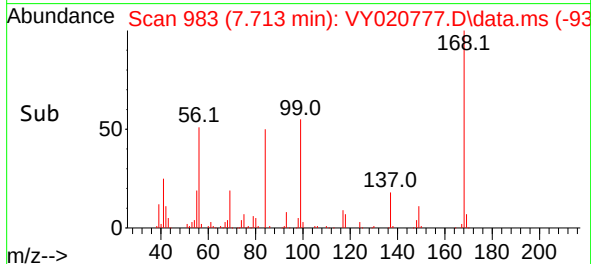
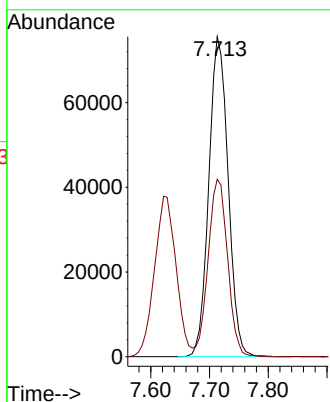
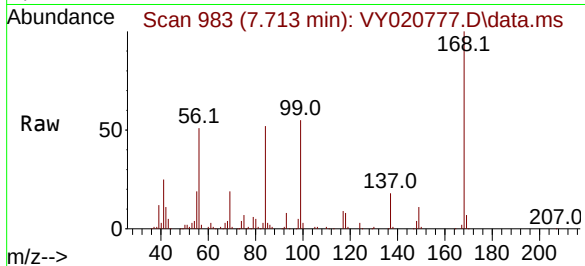




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020777.D
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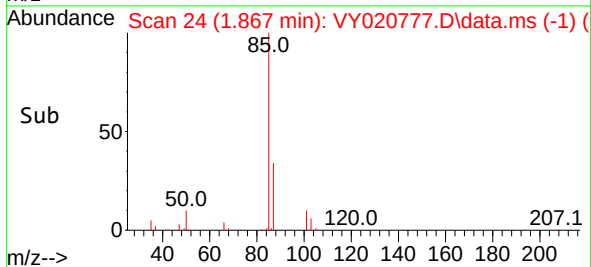
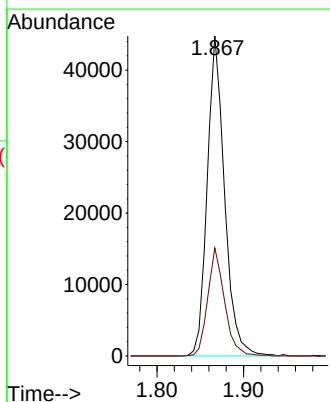
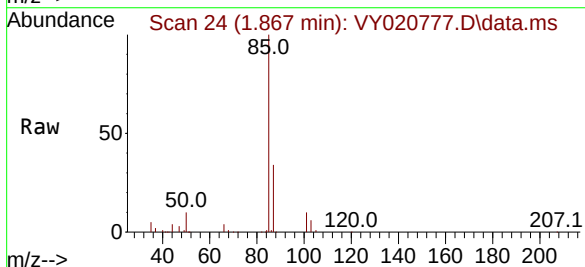
Instrument :
MSVOA_Y
ClientSampleId :

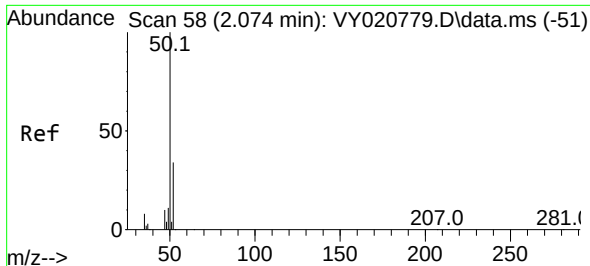
Tgt Ion:168 Resp: 172274
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 49.311 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 85 Resp: 62344
Ion Ratio Lower Upper
85 100
87 33.7 16.9 50.6

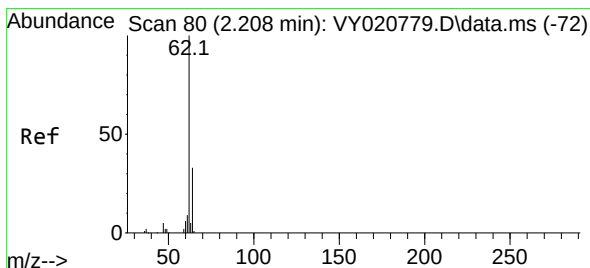
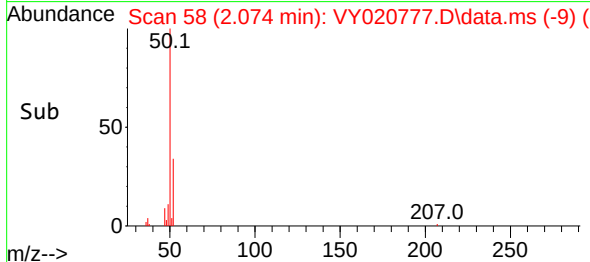
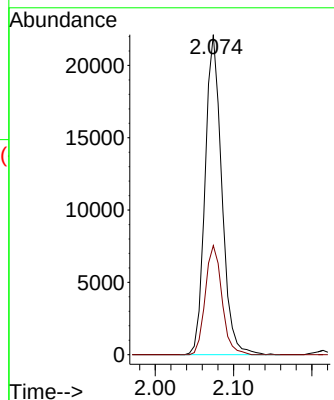
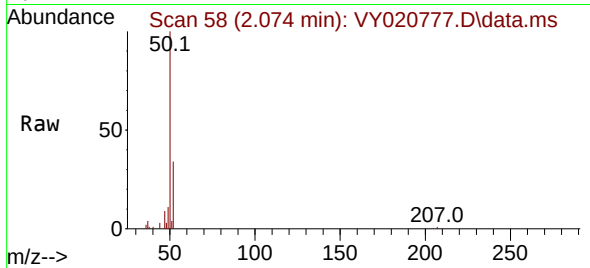




#3
Chloromethane
Concen: 49.094 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

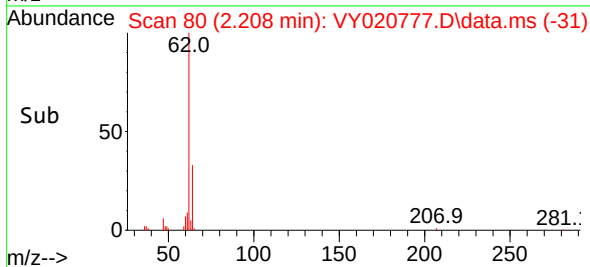
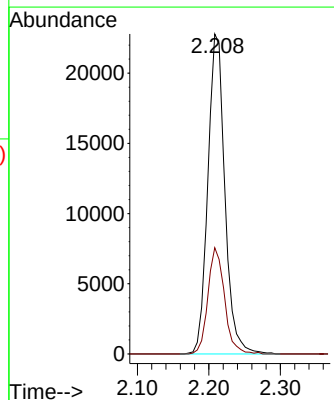
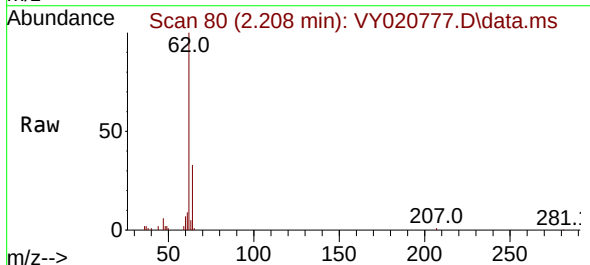
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ClientSampleId :

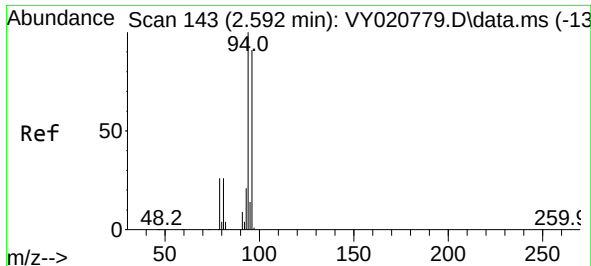
Tgt Ion: 50 Resp: 32682
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9



#4
Vinyl Chloride
Concen: 50.943 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 62 Resp: 37699
Ion Ratio Lower Upper
62 100
64 33.2 26.6 39.8

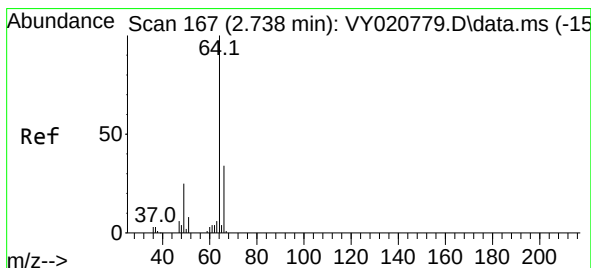
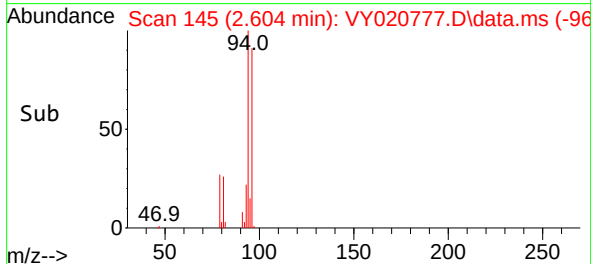
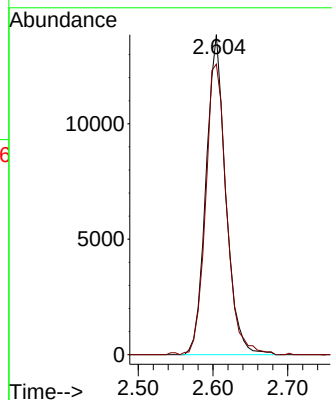
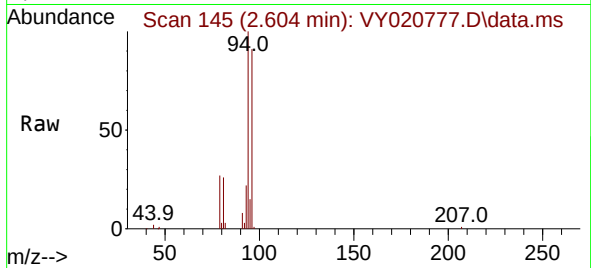




#5
Bromomethane
Concen: 48.187 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

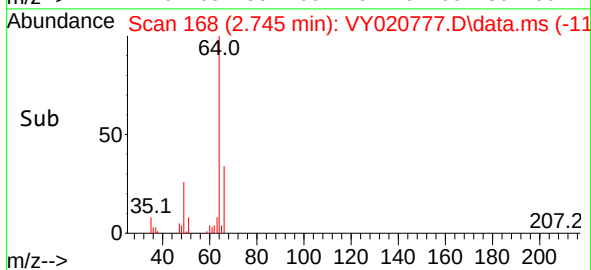
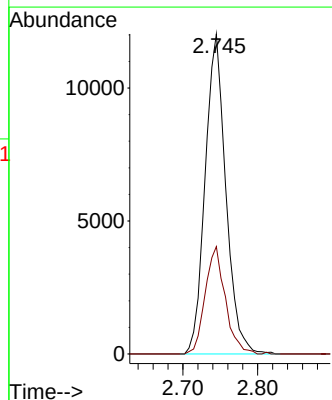
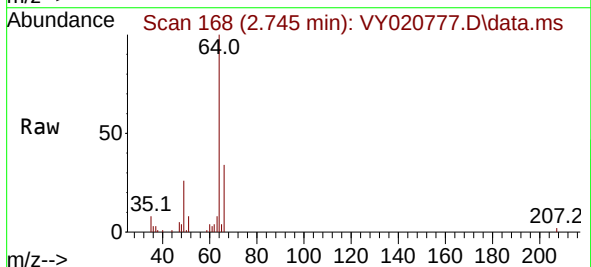
Instrument :
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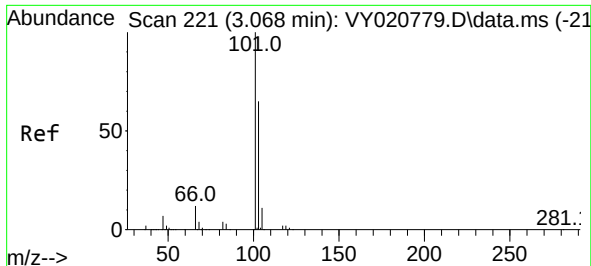
Tgt Ion: 94 Resp: 25399
Ion Ratio Lower Upper
94 100
96 90.8 72.6 109.0



#6
Chloroethane
Concen: 50.629 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 64 Resp: 23107
Ion Ratio Lower Upper
64 100
66 33.6 26.9 40.3

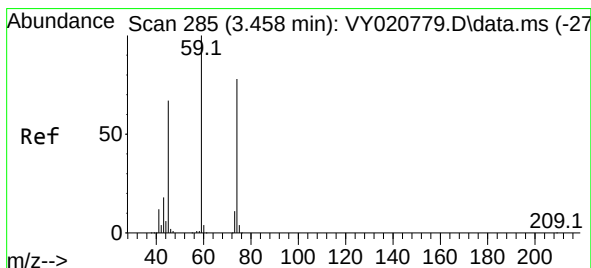
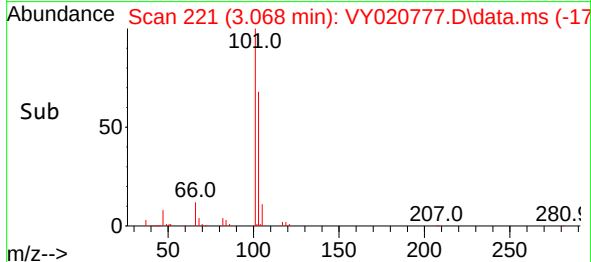
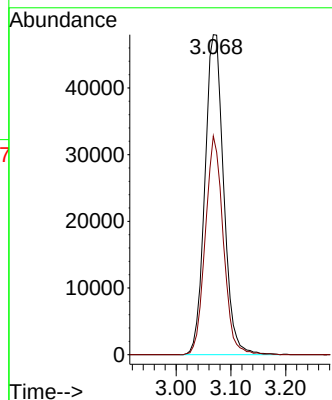
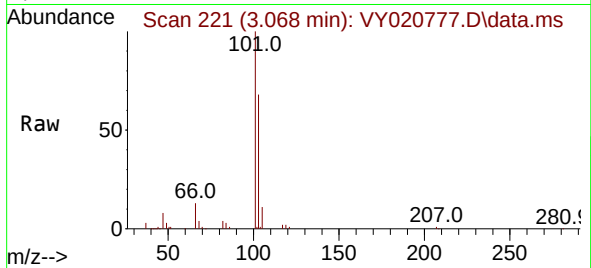




#7
 Trichlorofluoromethane
 Concen: 50.116 ug/l
 RT: 3.068 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY020777.D
 Acq: 06 Jan 2025 10:46

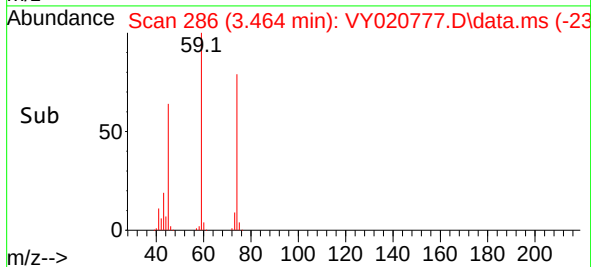
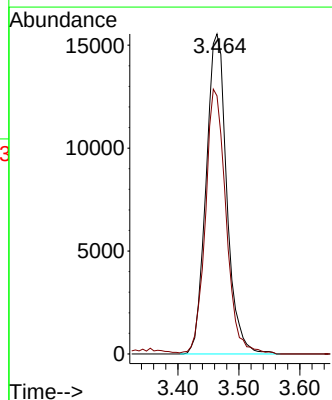
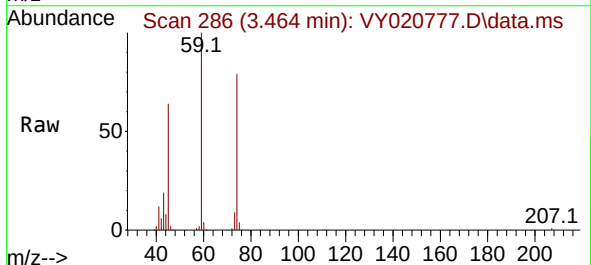
Instrument :
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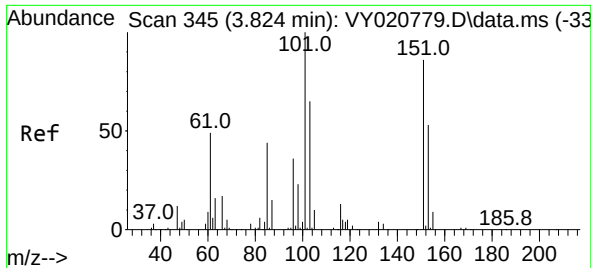
Tgt Ion:101 Resp: 113828
 Ion Ratio Lower Upper
 101 100
 103 68.3 54.6 82.0



#8
 Diethyl Ether
 Concen: 51.642 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020777.D
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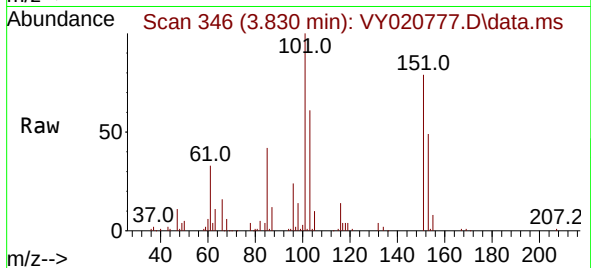
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 Ion Ratio Lower Upper
 74 100
 45 82.7 41.3 124.1



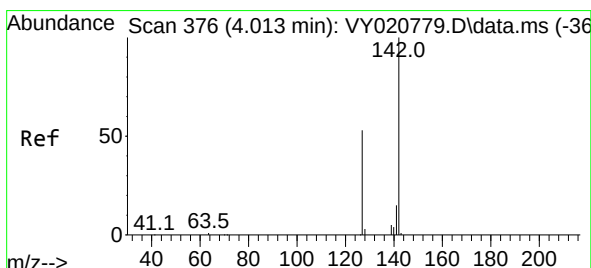
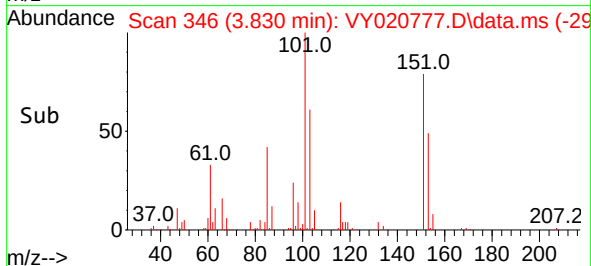
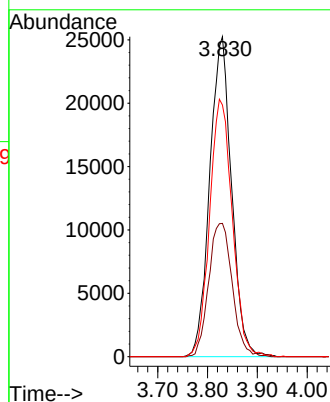


#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.998 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY020777.D
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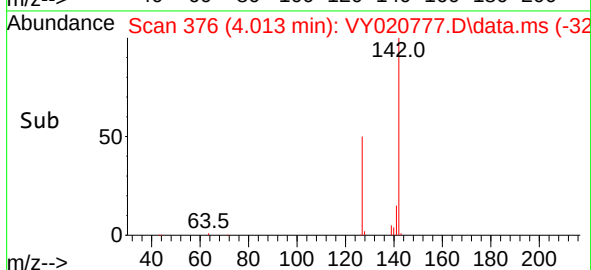
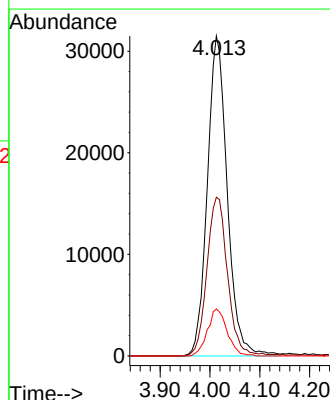
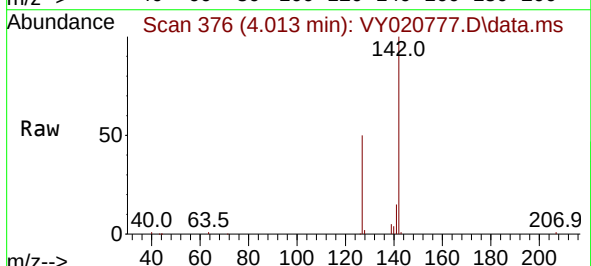


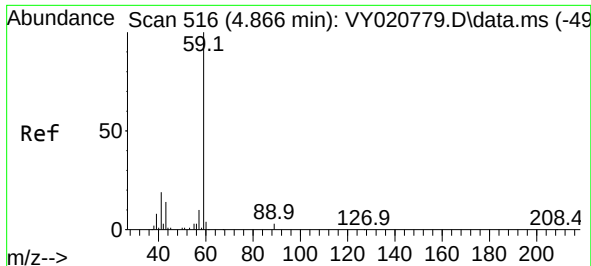
Tgt Ion:101 Resp: 76687
Ion Ratio Lower Upper
101 100
85 44.9 35.9 53.9
151 83.6 66.9 100.3



#10
Methyl Iodide
Concen: 53.225 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:142 Resp: 87486
Ion Ratio Lower Upper
142 100
127 51.3 41.0 61.6
141 14.5 11.6 17.4

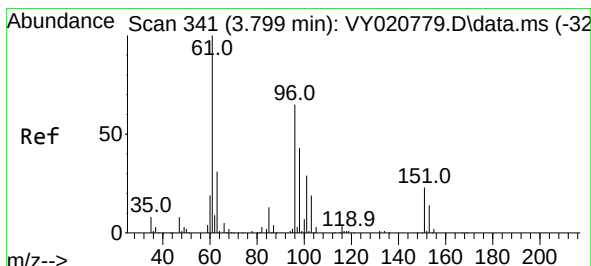
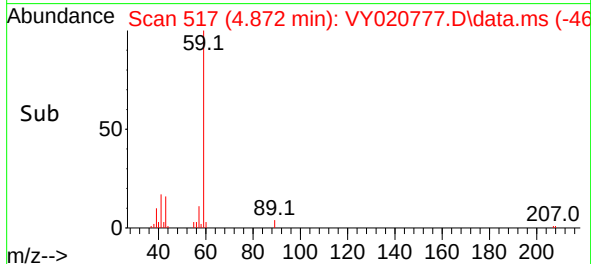
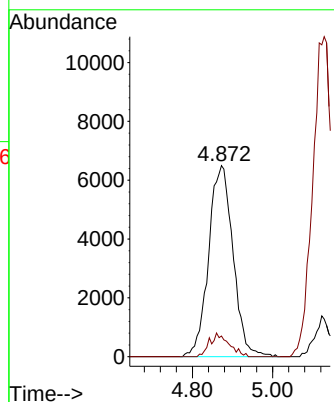
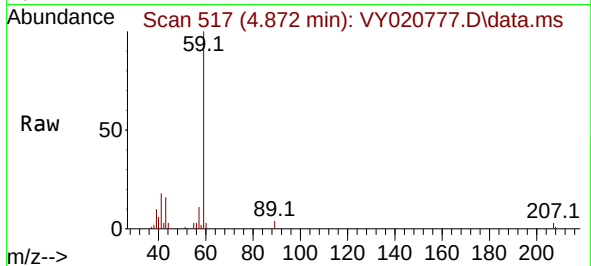




#11
Tert butyl alcohol
Concen: 248.309 ug/l
RT: 4.872 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

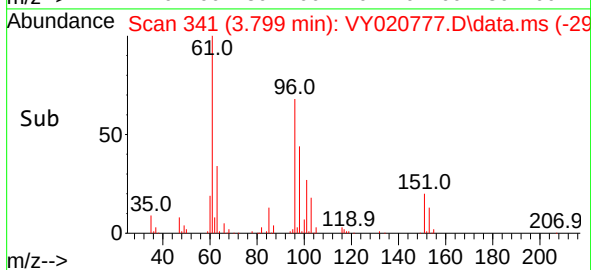
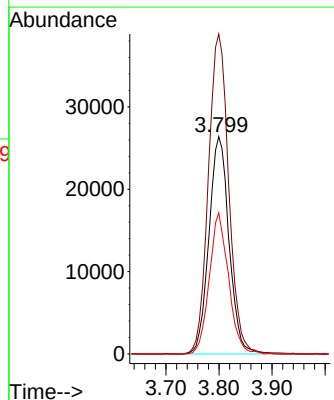
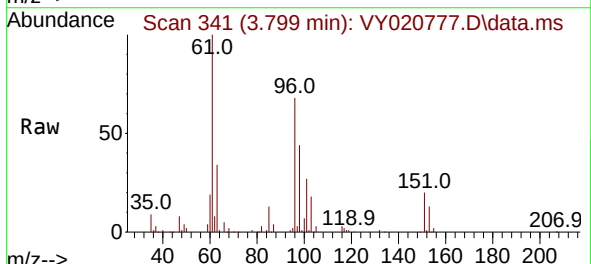
Instrument :
MSVOA_Y
ClientSampleId :

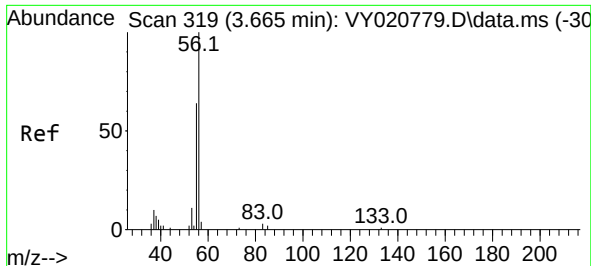
Tgt Ion: 59 Resp: 27474
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.642 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 96 Resp: 69378
Ion Ratio Lower Upper
96 100
61 147.3 117.8 176.8
98 64.9 51.9 77.9





#13

Acrolein

Concen: 144.631 ug/l

RT: 3.665 min Scan# 319

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

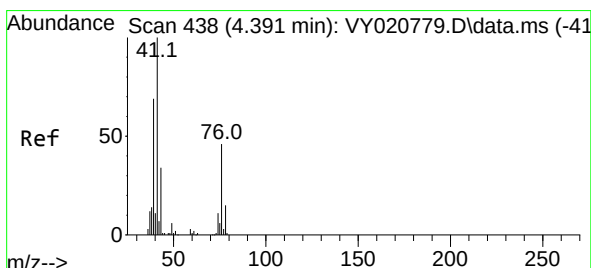
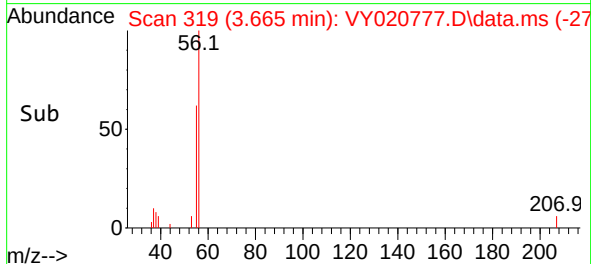
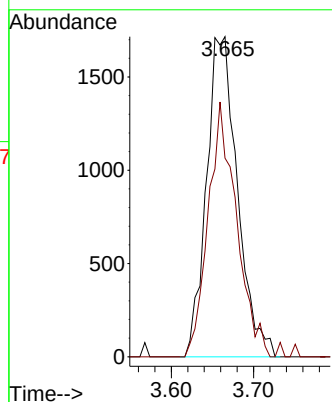
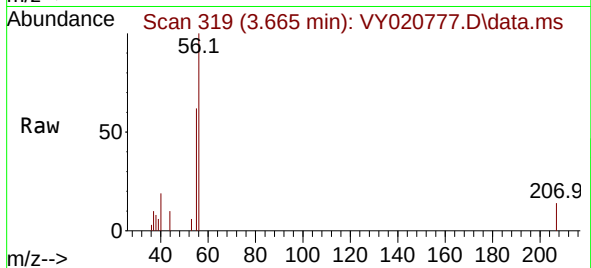
ClientSampleId :

Tgt Ion: 56 Resp: 4494

Ion Ratio Lower Upper

56 100

55 72.6 58.1 87.1



#14

Allyl chloride

Concen: 50.525 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

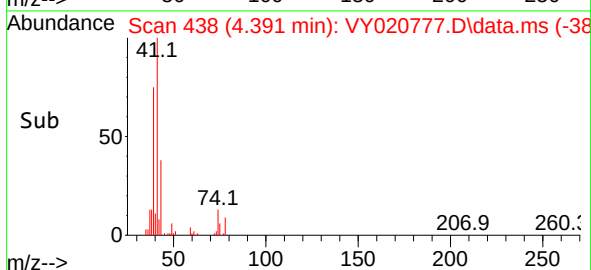
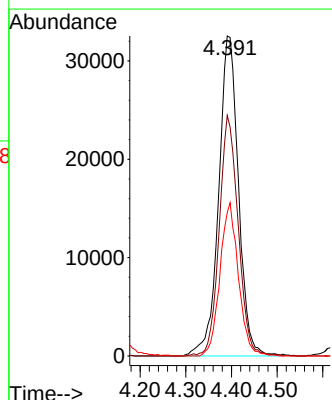
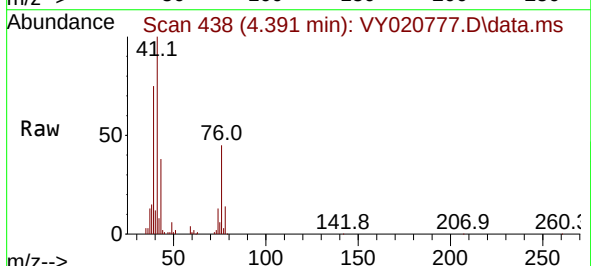
Tgt Ion: 41 Resp: 97928

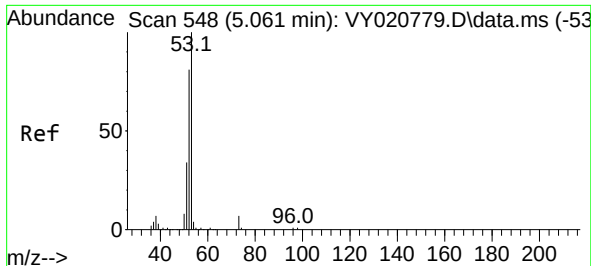
Ion Ratio Lower Upper

41 100

39 71.9 57.5 86.3

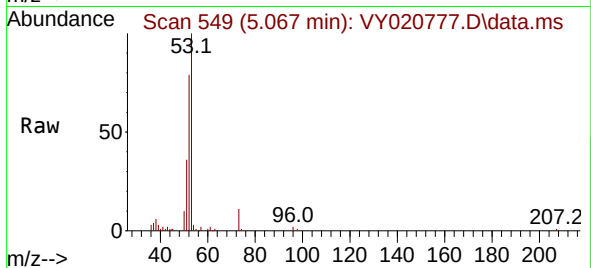
76 44.5 35.6 53.4



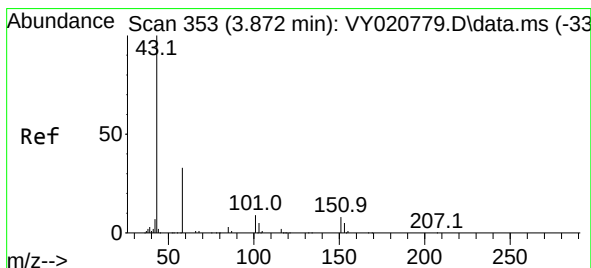
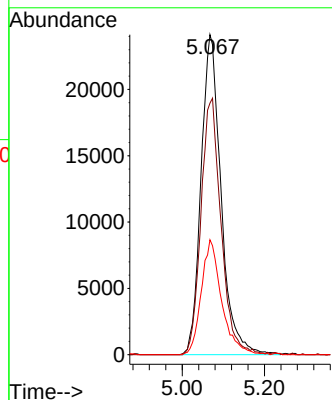
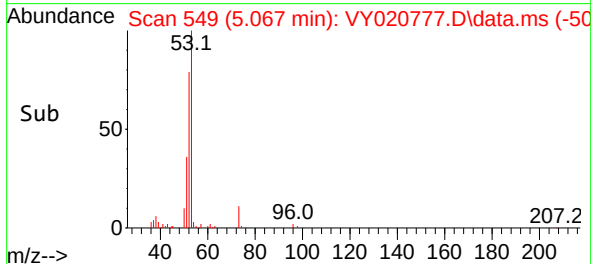


#15
Acrylonitrile
Concen: 269.997 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Instrument :
MSVOA_Y
ClientSampleId :

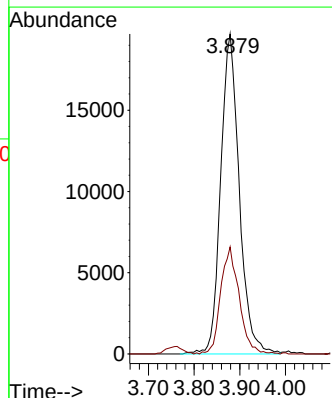
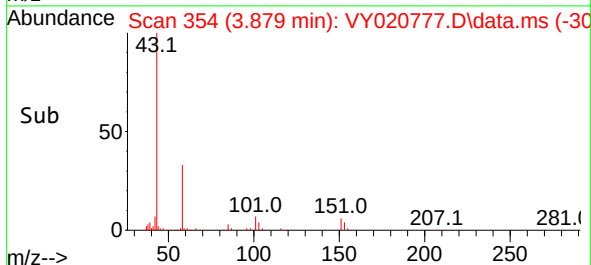
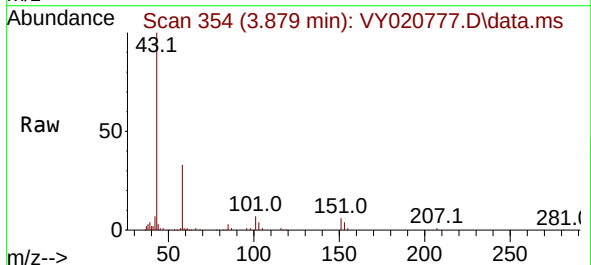


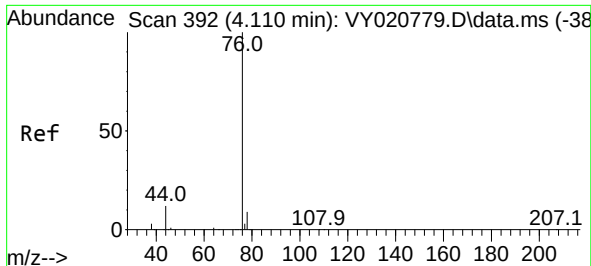
Tgt Ion: 53 Resp: 81503
Ion Ratio Lower Upper
53 100
52 80.4 64.3 96.5
51 36.6 29.3 43.9



#16
Acetone
Concen: 267.618 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 43 Resp: 55724
Ion Ratio Lower Upper
43 100
58 33.4 26.7 40.1

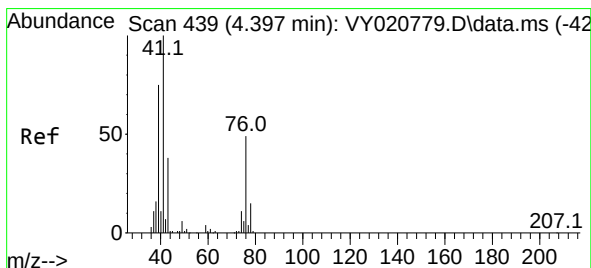
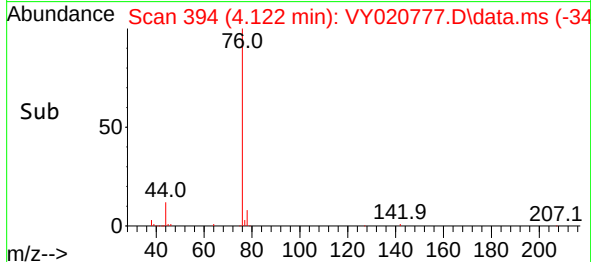
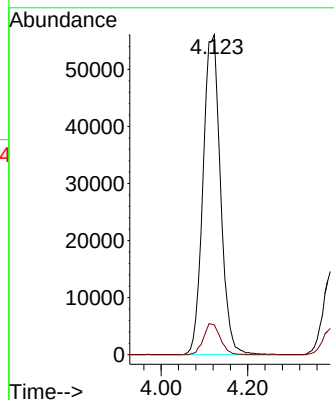
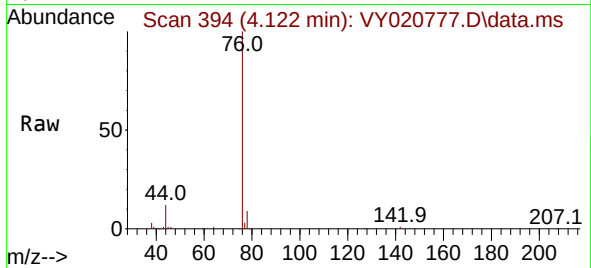




#17
Carbon Disulfide
Concen: 53.886 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

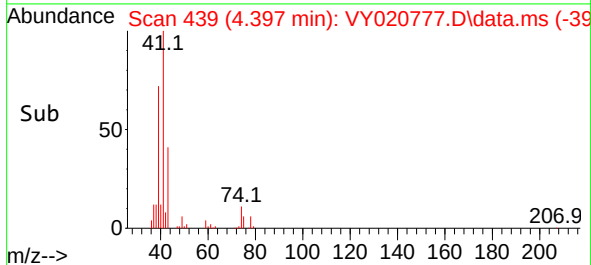
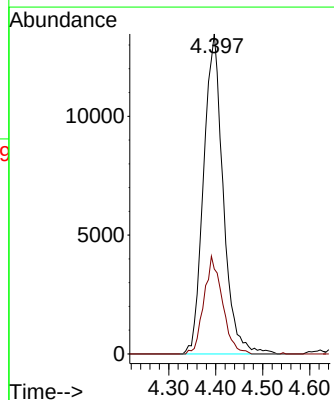
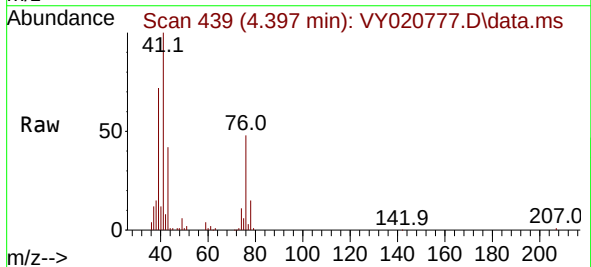
Instrument :
MSVOA_Y
ClientSampleId :

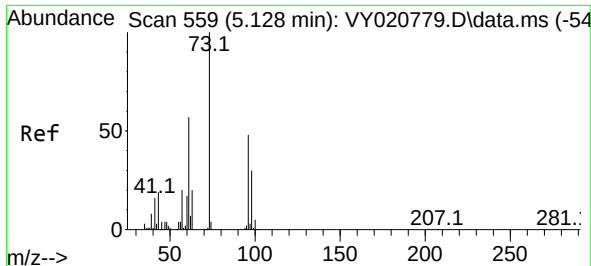
Tgt Ion: 76 Resp: 157047
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 55.399 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 43 Resp: 38949
Ion Ratio Lower Upper
43 100
74 28.8 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 51.875 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

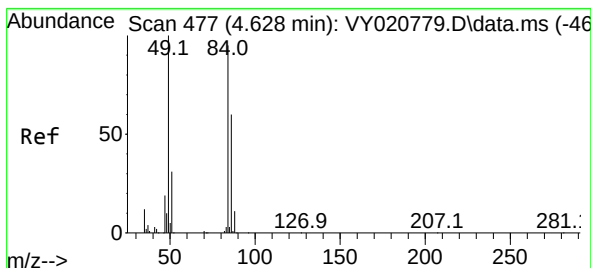
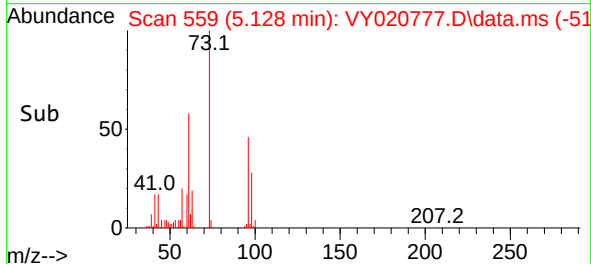
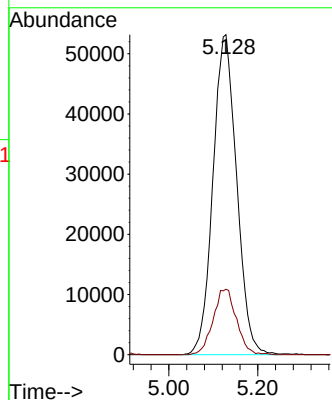
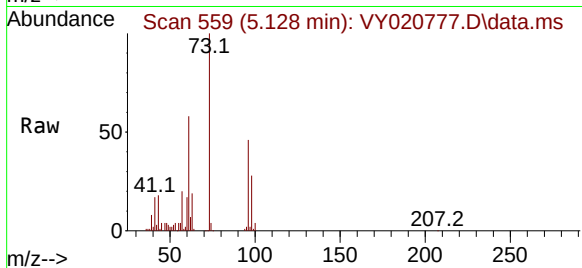
ClientSampleId :

Tgt Ion: 73 Resp: 196680

Ion Ratio Lower Upper

73 100

57 20.5 16.4 24.6



#20

Methylene Chloride

Concen: 50.095 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Tgt Ion: 84 Resp: 72036

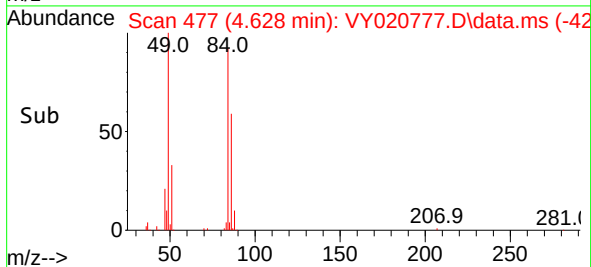
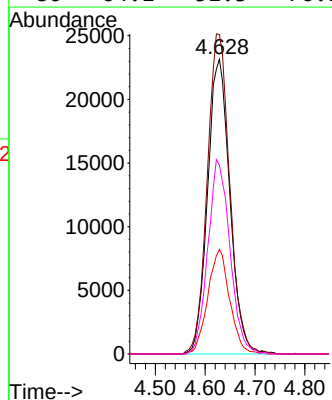
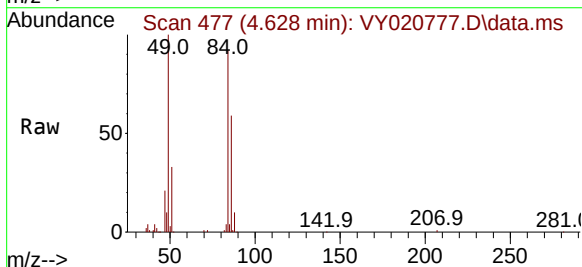
Ion Ratio Lower Upper

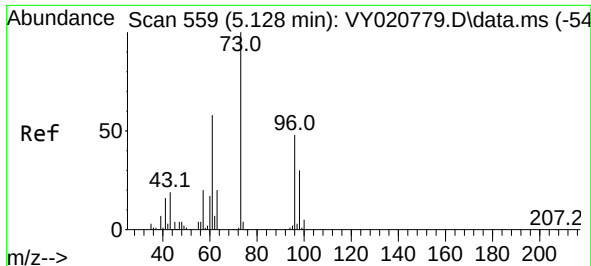
84 100

49 108.4 86.7 130.1

51 35.5 28.4 42.6

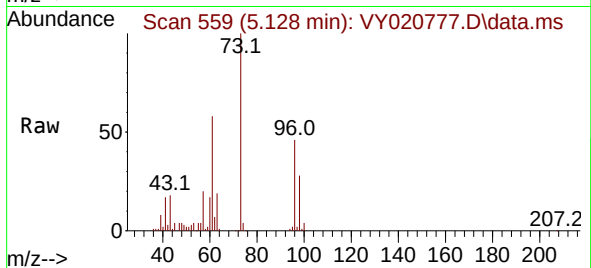
86 64.1 51.3 76.9



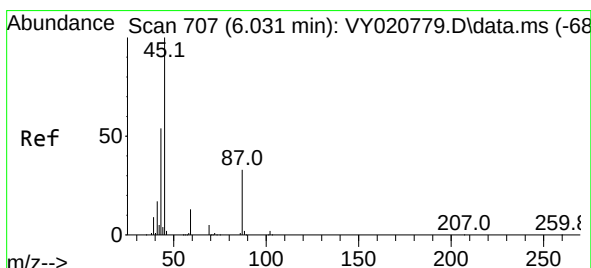
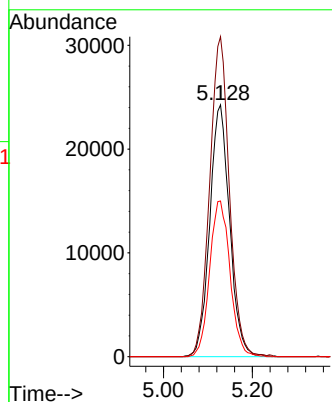
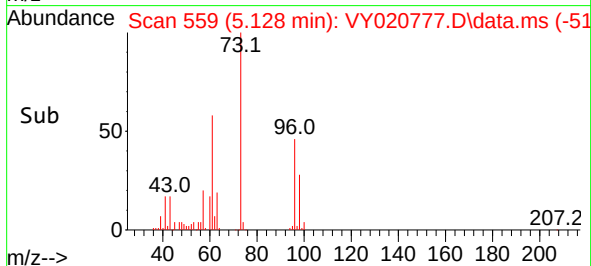


#21
trans-1,2-Dichloroethene
Concen: 50.925 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

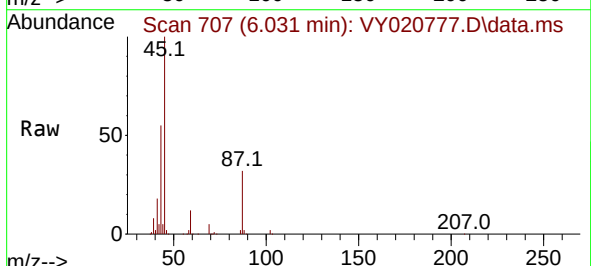
Instrument :
MSVOA_Y
ClientSampleId :



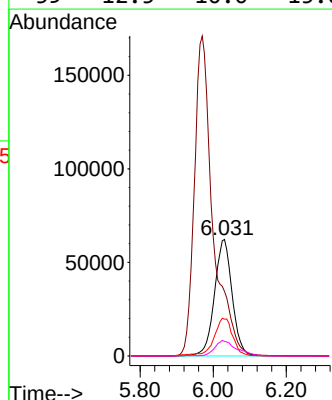
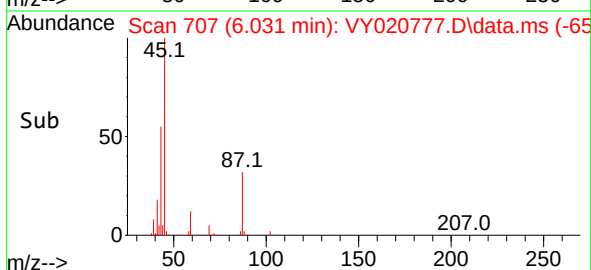
Tgt Ion: 96 Resp: 75340
Ion Ratio Lower Upper
96 100
61 127.0 101.6 152.4
98 61.8 49.4 74.2

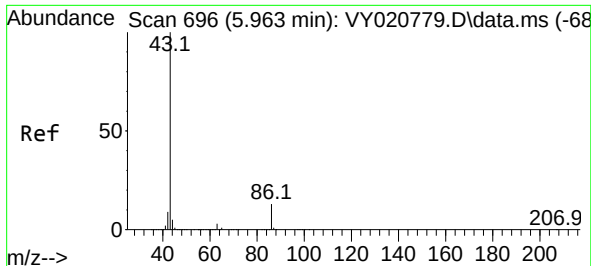


#22
Diisopropyl ether
Concen: 50.620 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46



Tgt Ion: 45 Resp: 208999
Ion Ratio Lower Upper
45 100
43 54.9 43.9 65.9
87 31.6 25.3 37.9
59 12.5 10.0 15.0

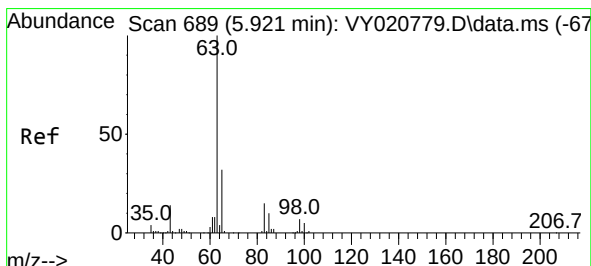
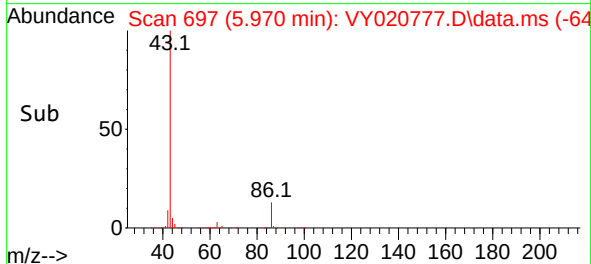
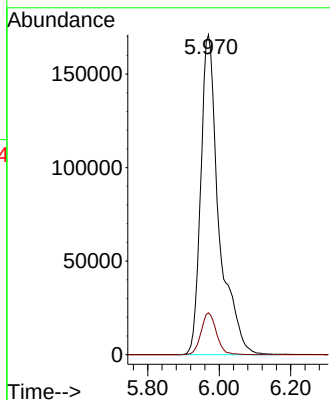
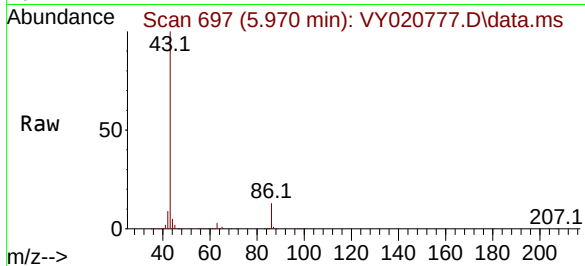




#23
 Vinyl Acetate
 Concen: 265.047 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020777.D
 Acq: 06 Jan 2025 10:46

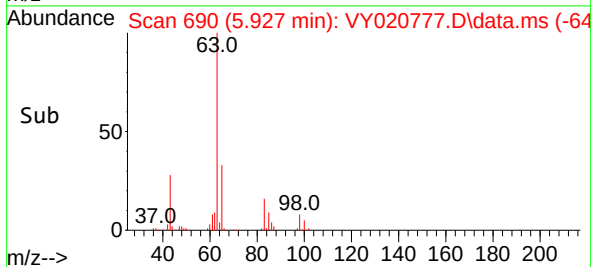
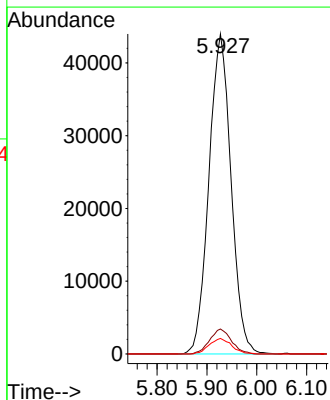
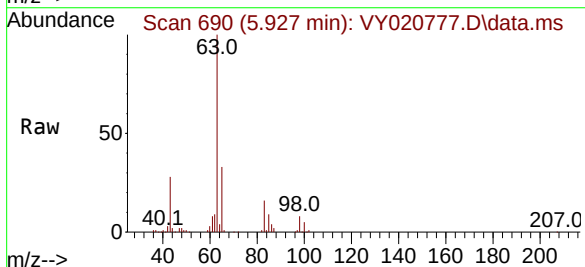
Instrument :
 MSVOA_Y
 ClientSampleId :

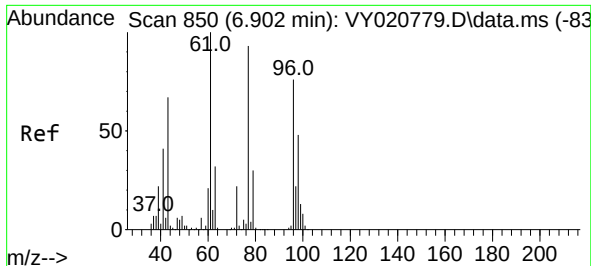
Tgt Ion: 43 Resp: 603375
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 49.795 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY020777.D
 Acq: 06 Jan 2025 10:46

Tgt Ion: 63 Resp: 135643
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 273.199 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

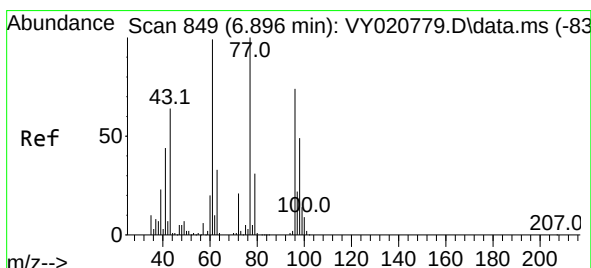
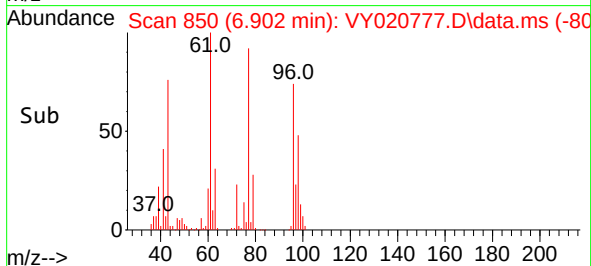
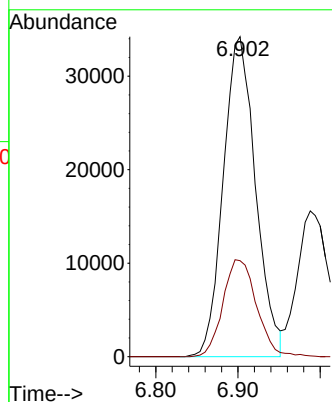
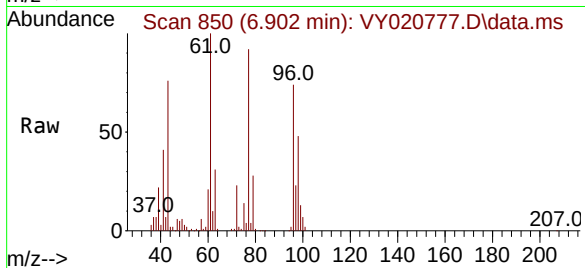
ClientSampleId :

Tgt Ion: 43 Resp: 93445

Ion Ratio Lower Upper

43 100

72 30.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 49.486 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY020777.D

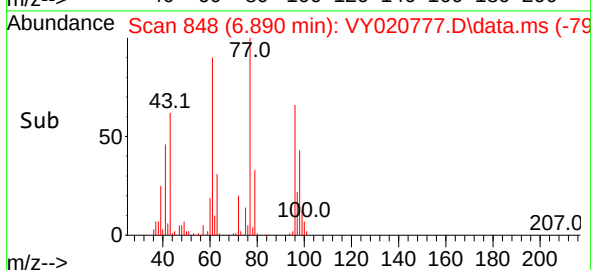
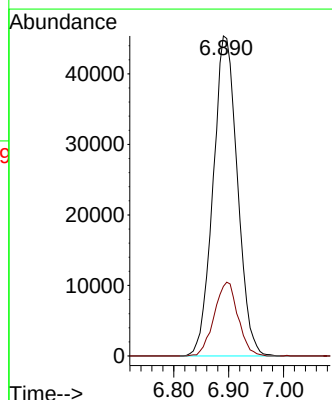
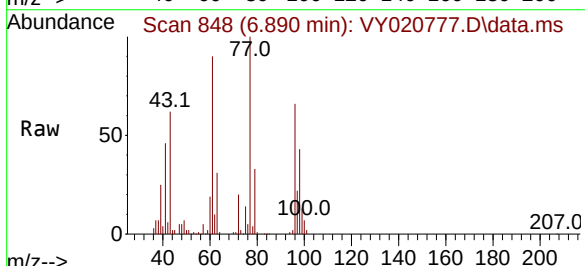
Acq: 06 Jan 2025 10:46

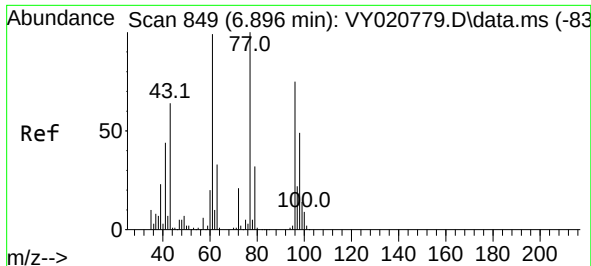
Tgt Ion: 77 Resp: 139959

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.359 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

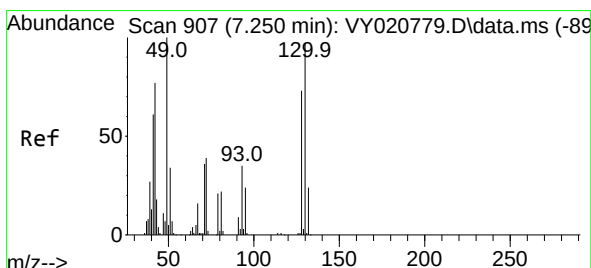
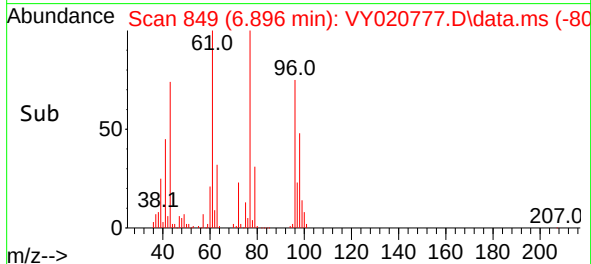
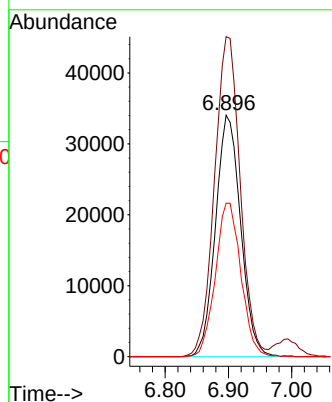
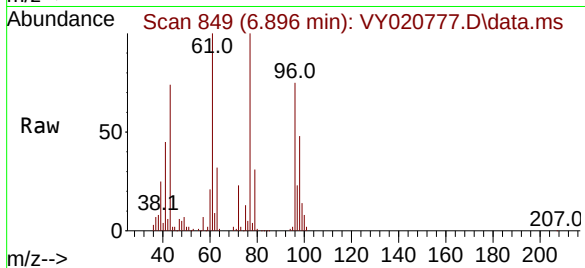
Tgt Ion: 96 Resp: 94000

Ion Ratio Lower Upper

96 100

61 135.7 0.0 271.4

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 59.413 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

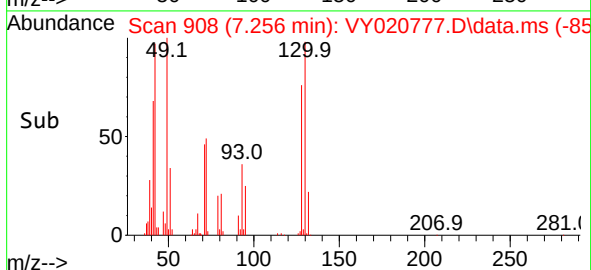
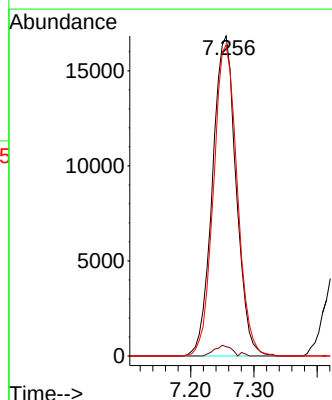
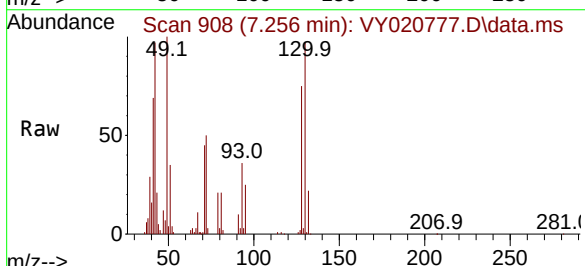
Tgt Ion: 49 Resp: 43671

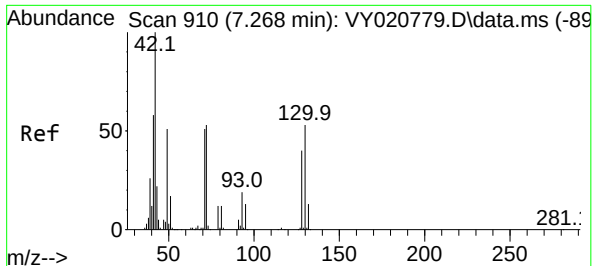
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.2

130 97.2 77.8 116.6





#29

Tetrahydrofuran

Concen: 273.305 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

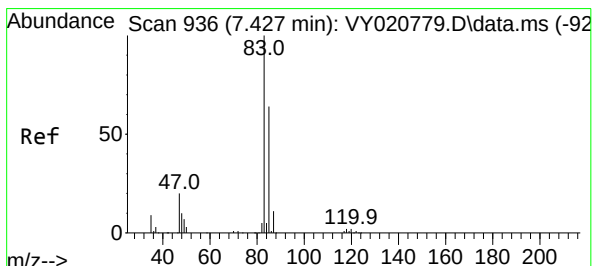
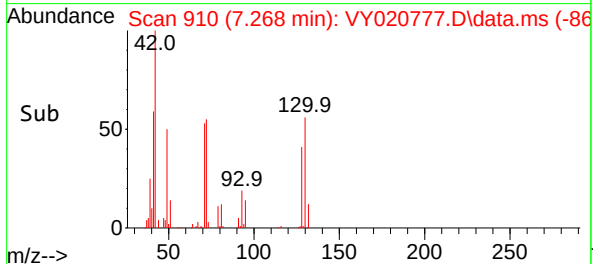
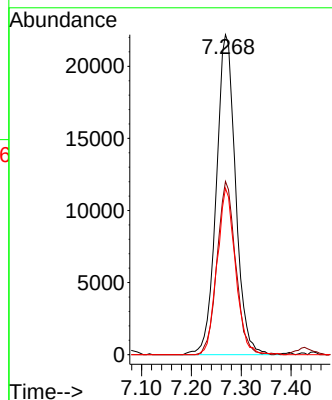
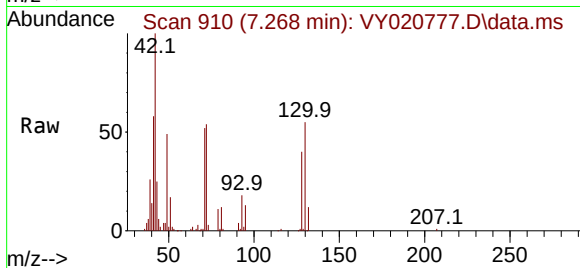
Tgt Ion: 42 Resp: 59716

Ion Ratio Lower Upper

42 100

72 52.2 41.8 62.6

71 49.8 39.8 59.8



#30

Chloroform

Concen: 49.544 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY020777.D

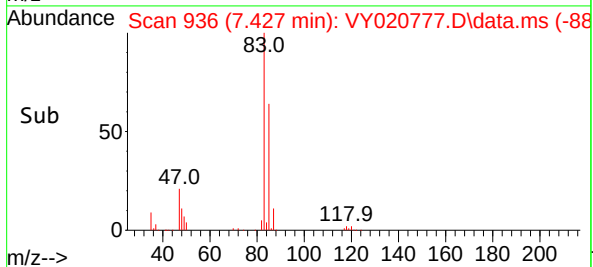
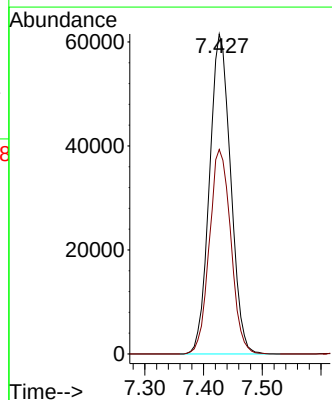
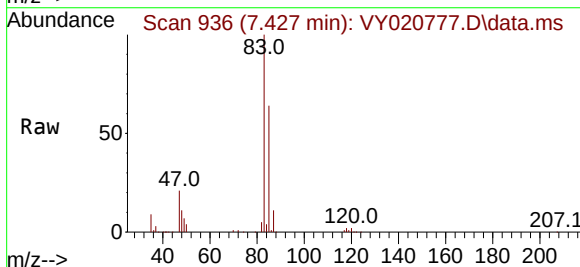
Acq: 06 Jan 2025 10:46

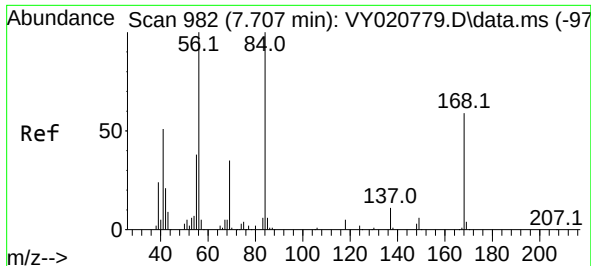
Tgt Ion: 83 Resp: 153906

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

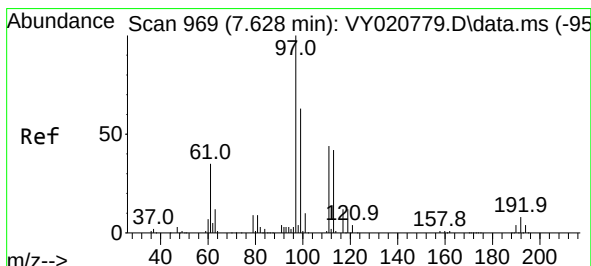
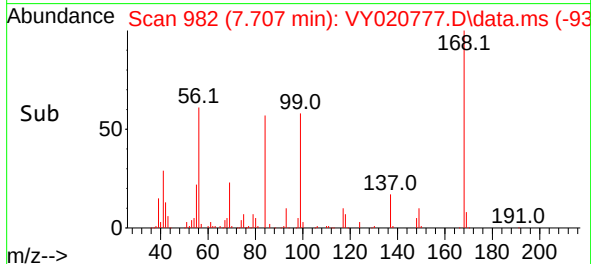
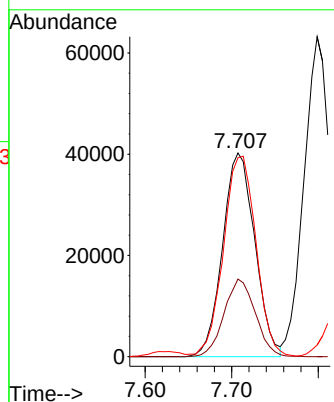
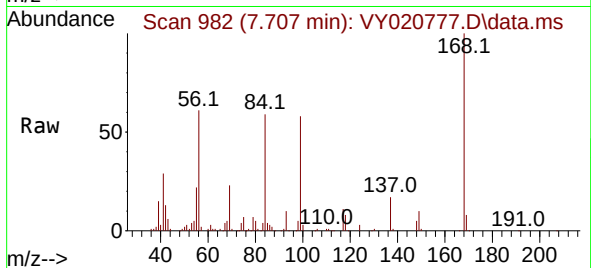




#31
Cyclohexane
Concen: 48.906 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

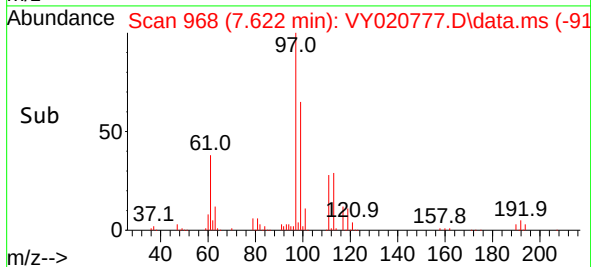
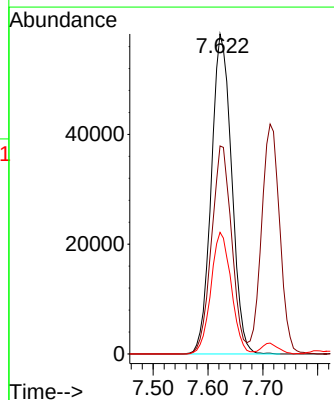
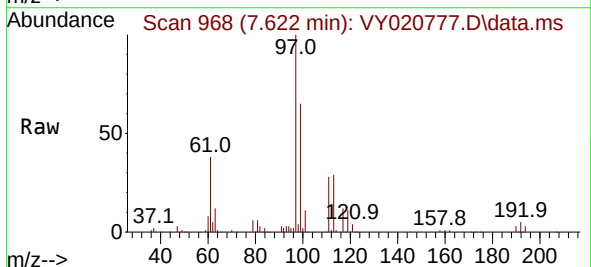
Instrument :
MSVOA_Y
ClientSampleId :

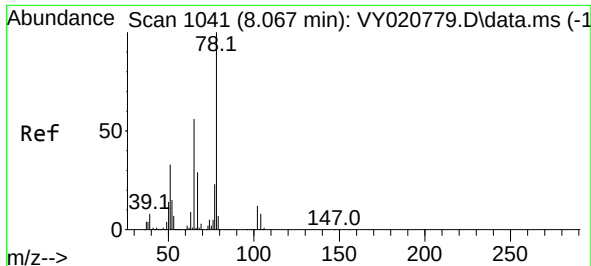
Tgt Ion: 56 Resp: 104202
Ion Ratio Lower Upper
56 100
69 38.1 30.5 45.7
84 95.8 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 49.613 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 97 Resp: 150332
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 38.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 56.777 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

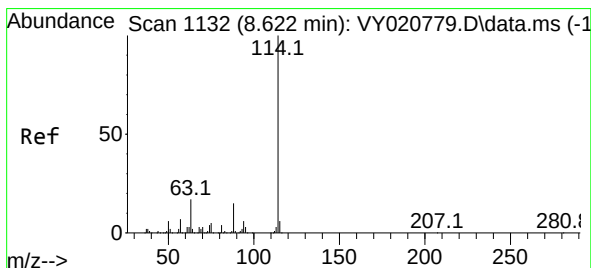
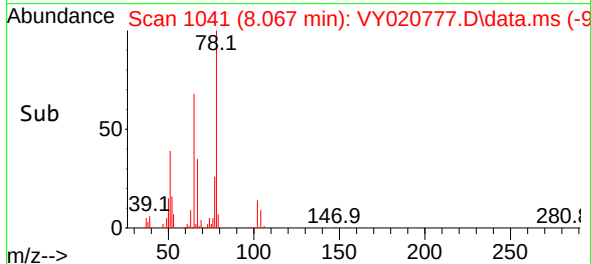
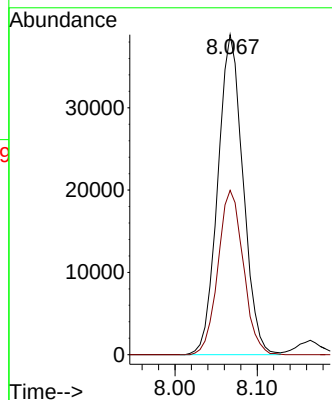
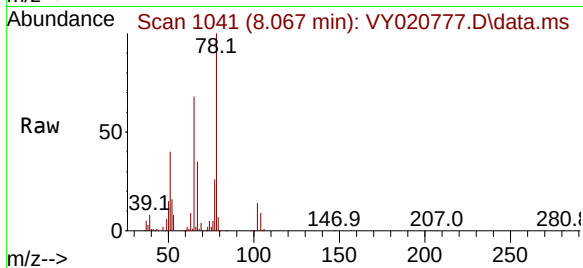
ClientSampleId :

Tgt Ion: 65 Resp: 83137

Ion Ratio Lower Upper

65 100

67 51.4 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: VY020777.D

Acq: 06 Jan 2025 10:46

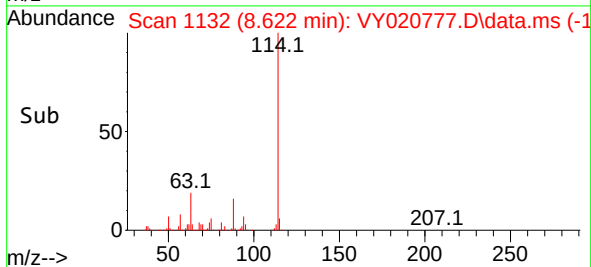
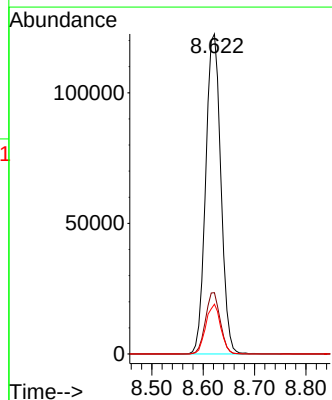
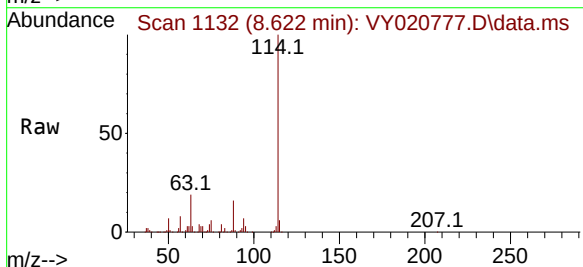
Tgt Ion: 114 Resp: 249980

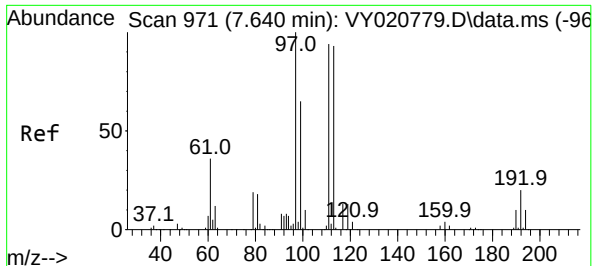
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.6 0.0 31.2

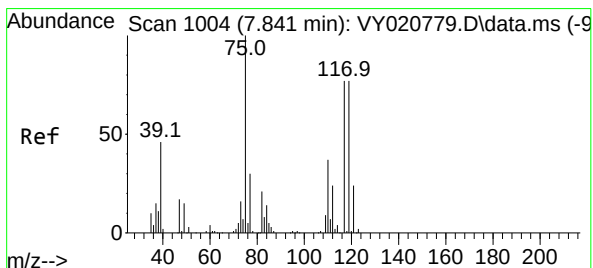
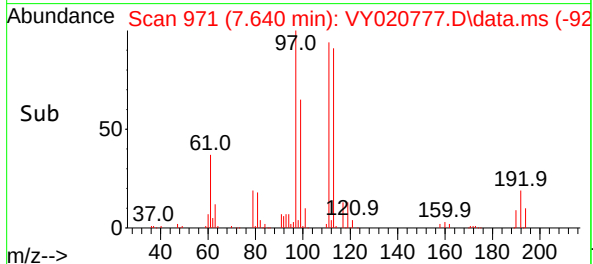
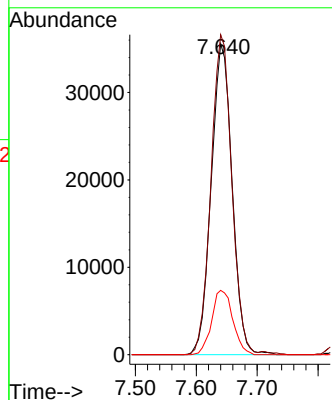
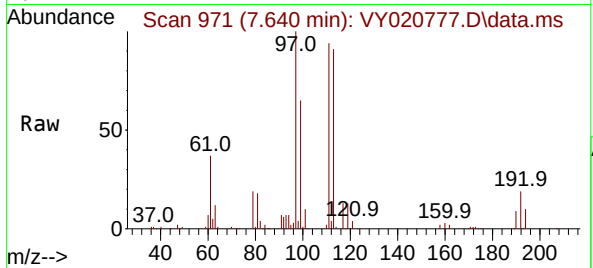




#35
Dibromofluoromethane
Concen: 54.226 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

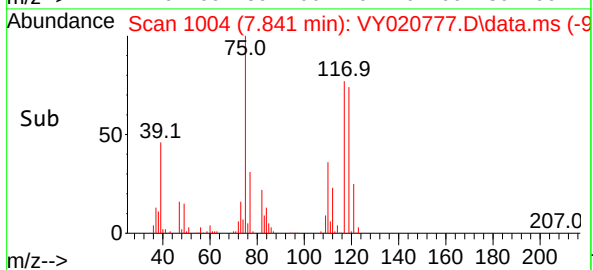
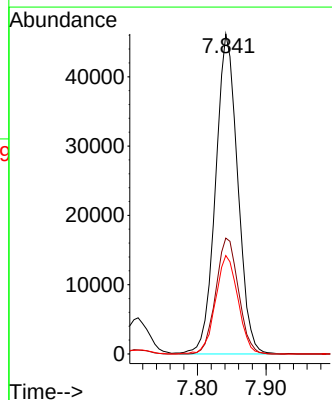
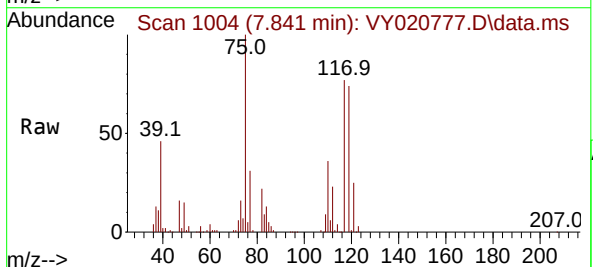
Instrument :
MSVOA_Y
ClientSampleId :

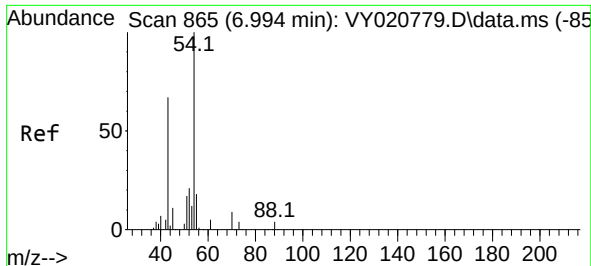
Tgt Ion:113 Resp: 84923
Ion Ratio Lower Upper
113 100
111 102.1 81.7 122.5
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.754 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 75 Resp: 103382
Ion Ratio Lower Upper
75 100
110 37.0 18.5 55.5
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 53.858 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

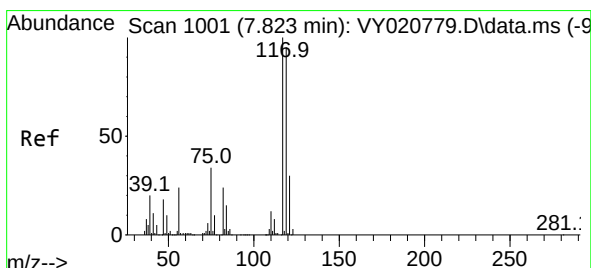
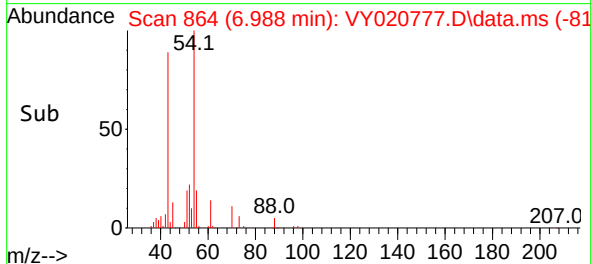
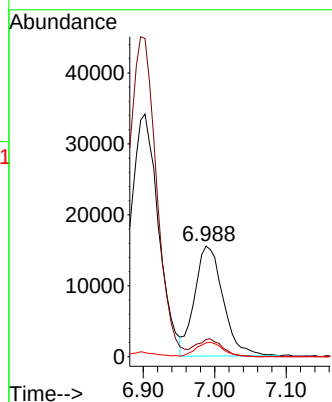
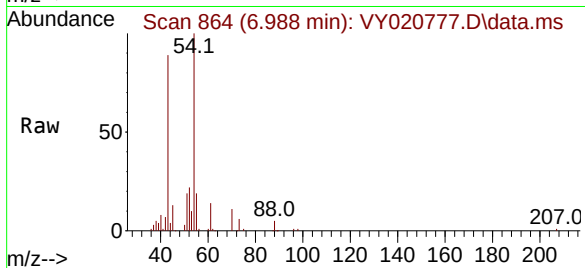
Tgt Ion: 43 Resp: 42813

Ion Ratio Lower Upper

43 100

61 14.7 11.8 17.6

70 12.3 9.8 14.8



#38

Carbon Tetrachloride

Concen: 50.700 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

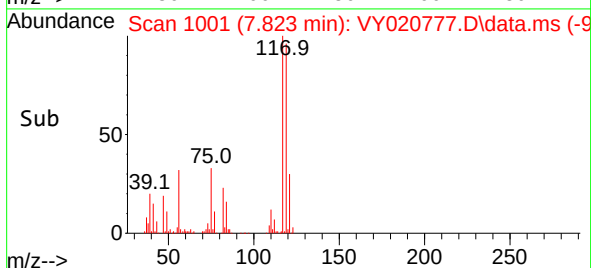
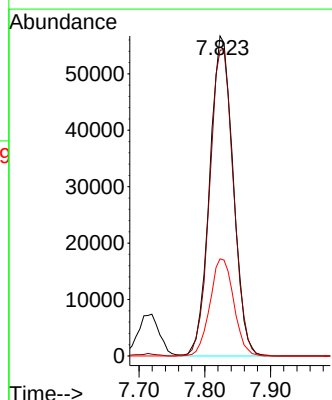
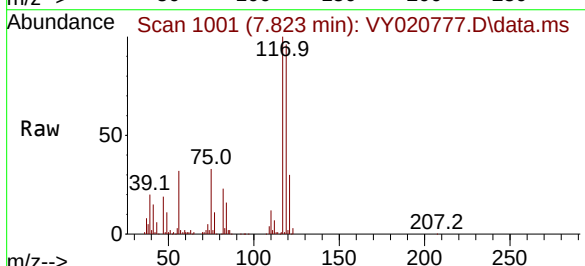
Tgt Ion: 117 Resp: 140978

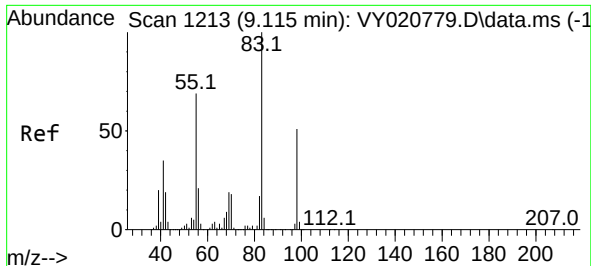
Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7

121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 52.155 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

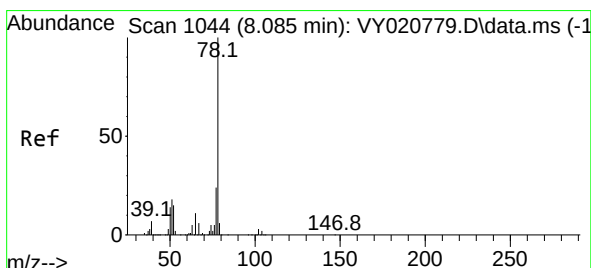
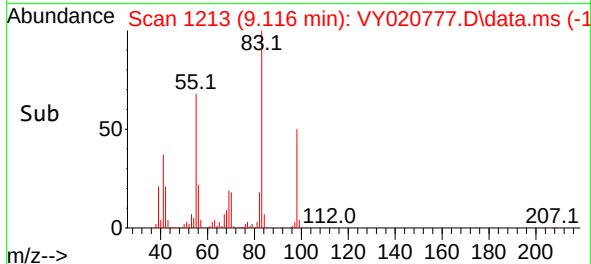
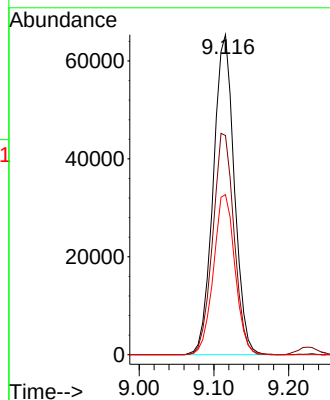
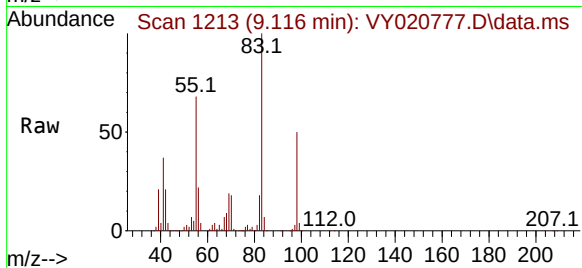
Tgt Ion: 83 Resp: 127845

Ion Ratio Lower Upper

83 100

55 68.5 54.8 82.2

98 50.0 40.0 60.0



#40

Benzene

Concen: 51.249 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020777.D

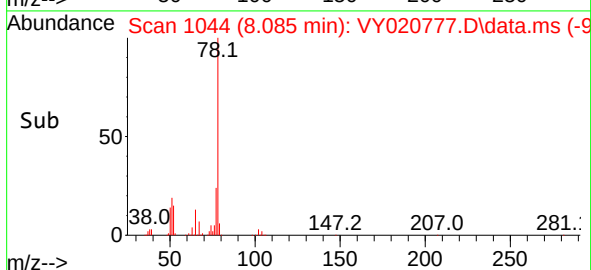
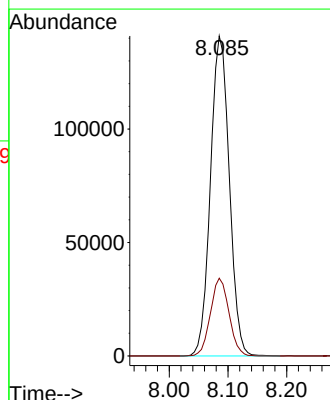
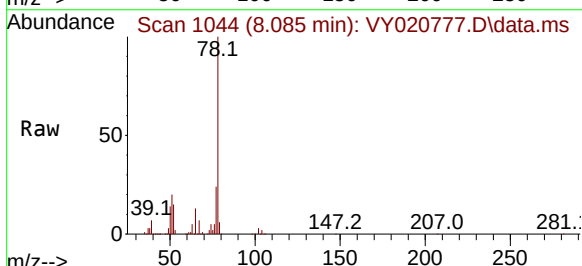
Acq: 06 Jan 2025 10:46

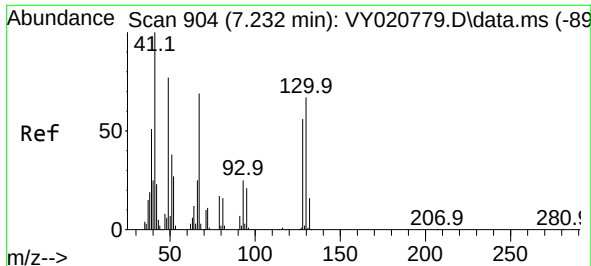
Tgt Ion: 78 Resp: 314194

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2

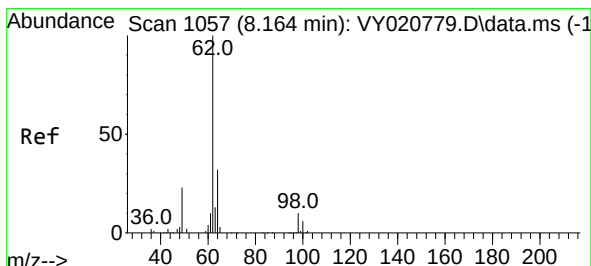
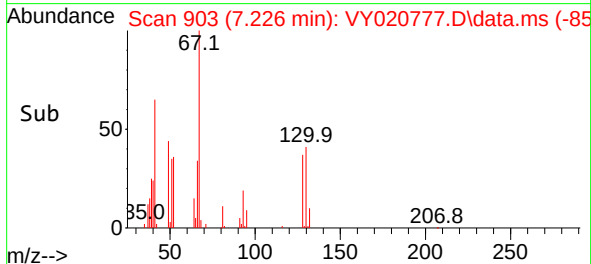
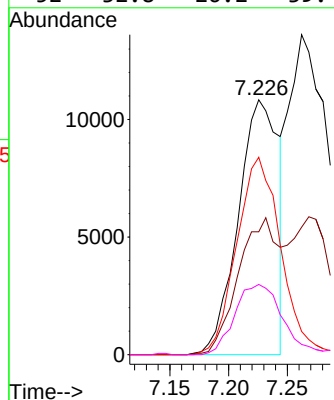
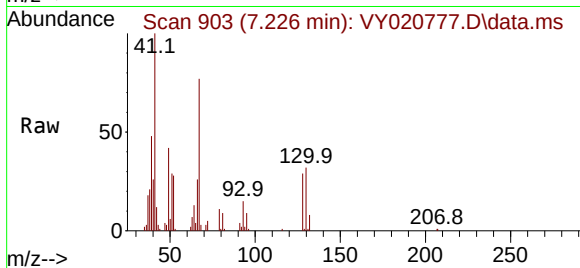




#41
Methacrylonitrile
Concen: 56.930 ug/l
RT: 7.226 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

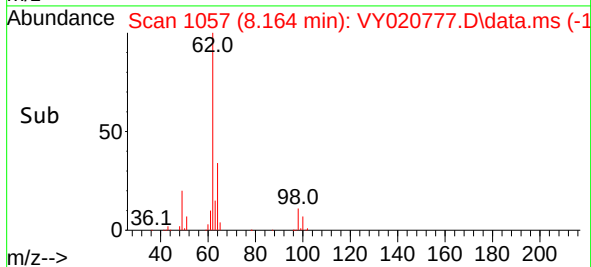
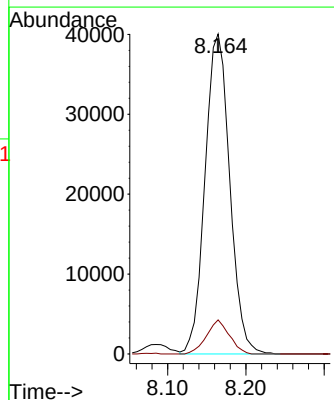
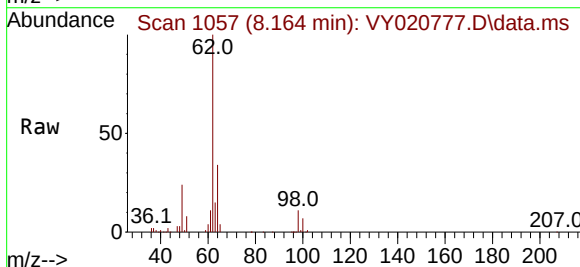
Instrument :
MSVOA_Y
ClientSampleId :

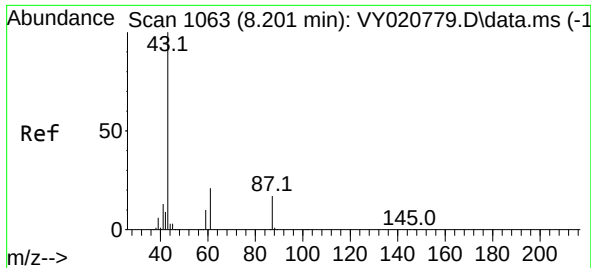
Tgt Ion:	41	Resp:	25918
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.4	63.6
67	84.8	67.8	101.8
52	32.8	26.2	39.4



#42
1,2-Dichloroethane
Concen: 52.449 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:	62	Resp:	87813
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

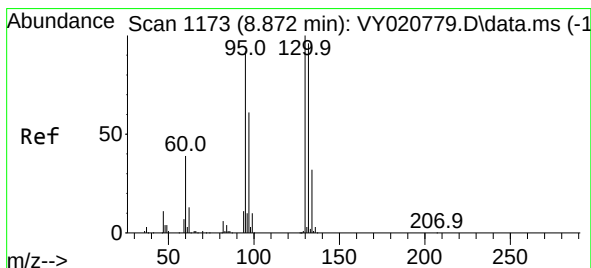
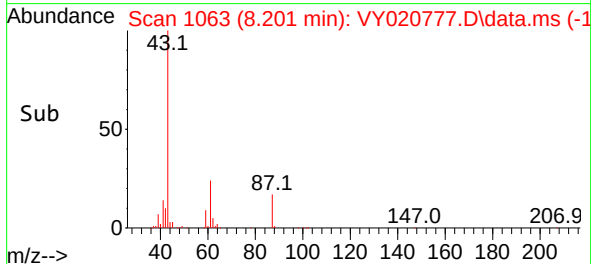
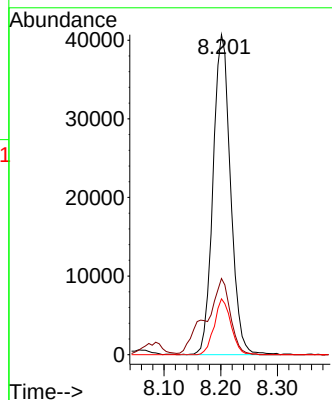
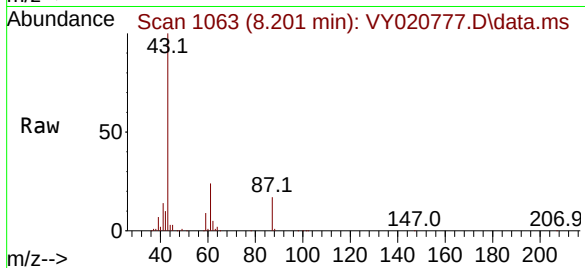




#43
Isopropyl Acetate
Concen: 53.961 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

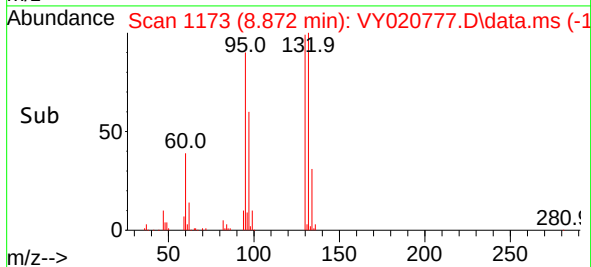
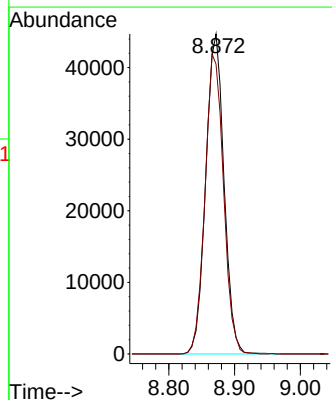
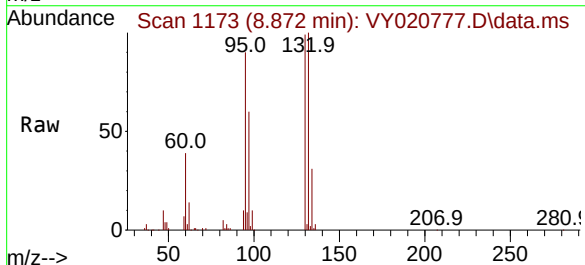
Instrument :
MSVOA_Y
ClientSampleId :

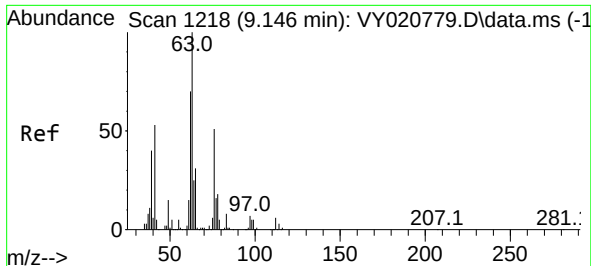
Tgt Ion: 43 Resp: 87247
Ion Ratio Lower Upper
43 100
61 33.1 26.5 39.7
87 16.7 13.4 20.0



#44
Trichloroethene
Concen: 50.505 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:130 Resp: 86316
Ion Ratio Lower Upper
130 100
95 90.5 0.0 181.0





#45

1,2-Dichloropropane

Concen: 50.892 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

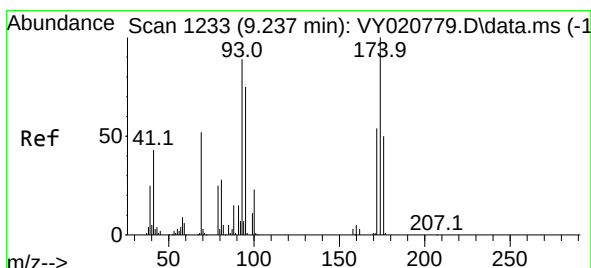
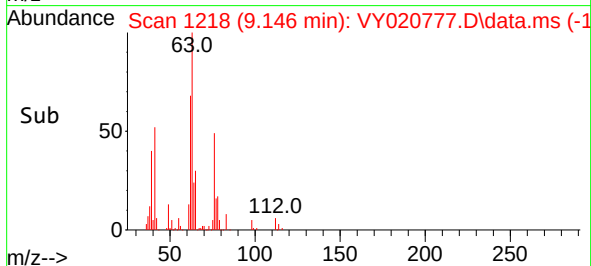
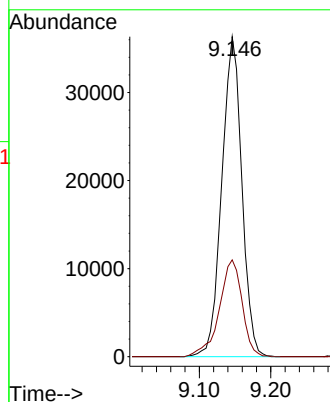
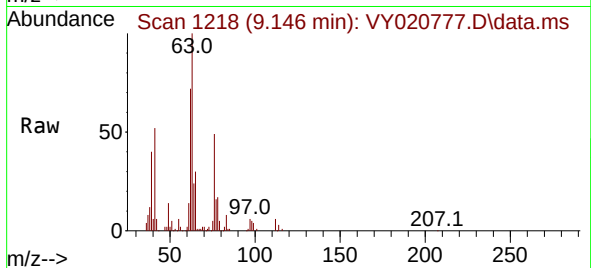
ClientSampleId :

Tgt Ion: 63 Resp: 70732

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#46

Dibromomethane

Concen: 52.185 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

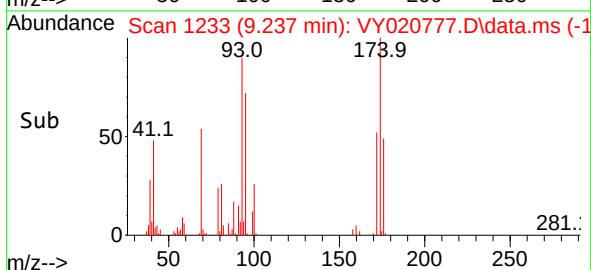
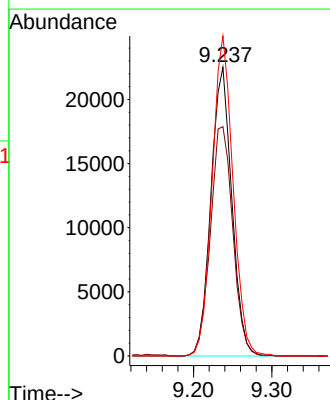
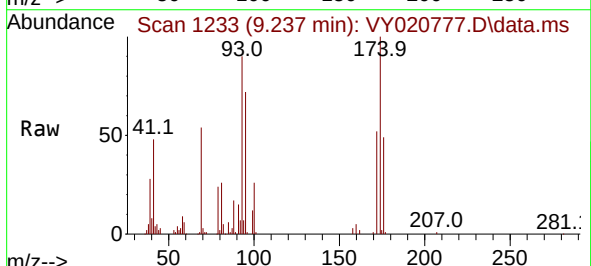
Tgt Ion: 93 Resp: 41649

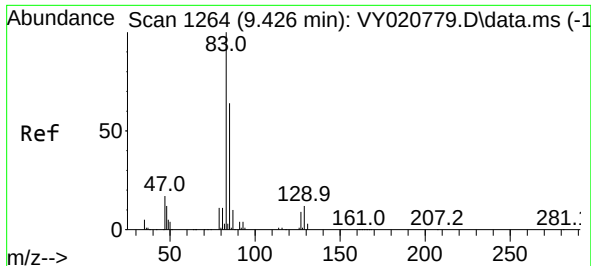
Ion Ratio Lower Upper

93 100

95 85.3 68.2 102.4

174 111.3 89.0 133.6





#47

Bromodichloromethane

Concen: 51.284 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

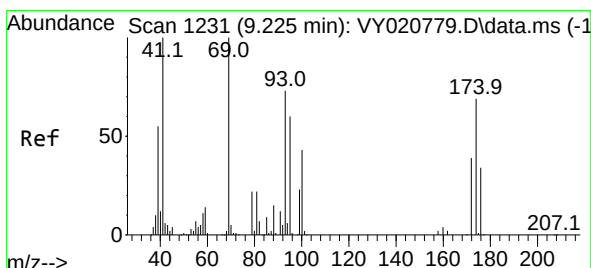
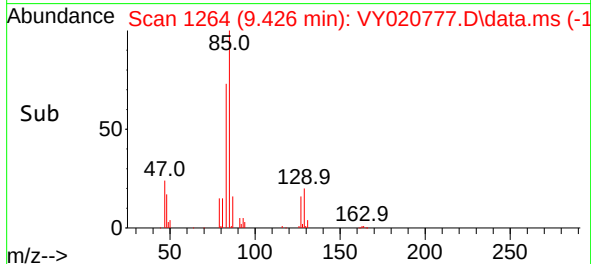
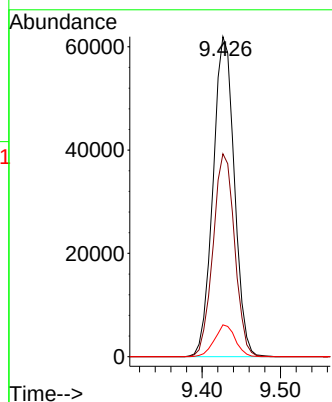
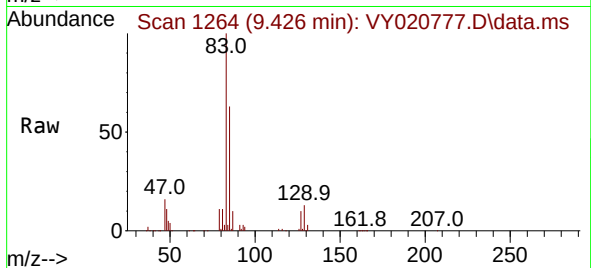
Tgt Ion: 83 Resp: 117221

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

127 9.9 7.9 11.9



#48

Methyl methacrylate

Concen: 56.230 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

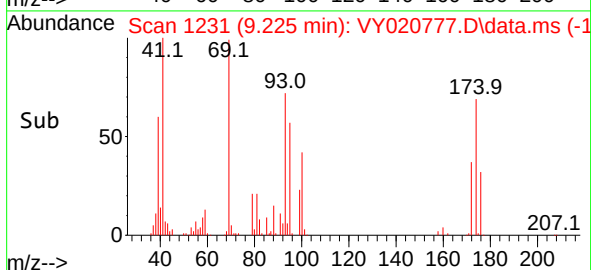
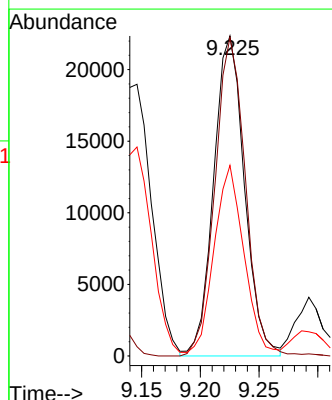
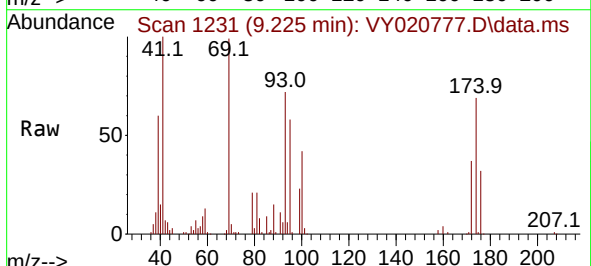
Tgt Ion: 41 Resp: 40759

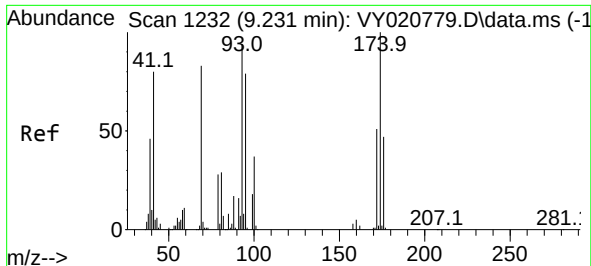
Ion Ratio Lower Upper

41 100

69 98.6 78.9 118.3

39 55.8 44.6 67.0





#49

1,4-Dioxane

Concen: 1148.599 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

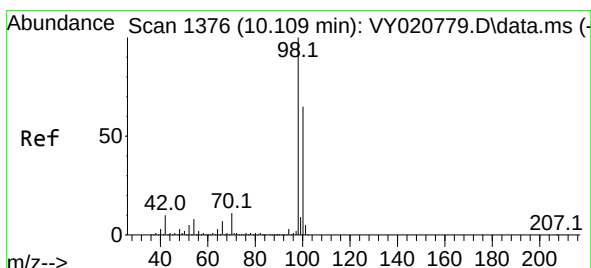
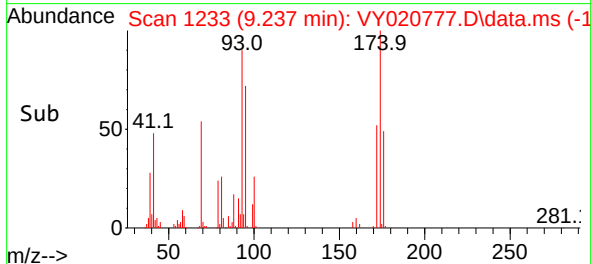
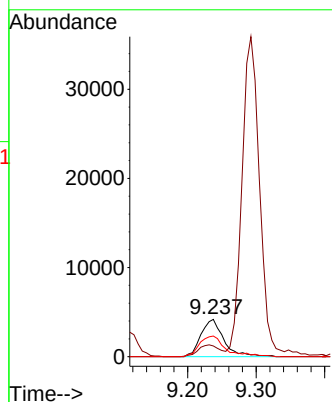
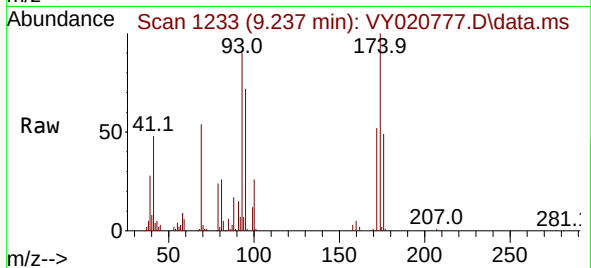
Tgt Ion: 88 Resp: 9733

Ion Ratio Lower Upper

88 100

43 30.5 24.4 36.6

58 63.8 51.0 76.6



#50

Toluene-d8

Concen: 58.927 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020777.D

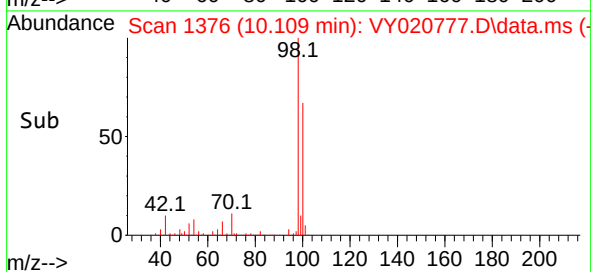
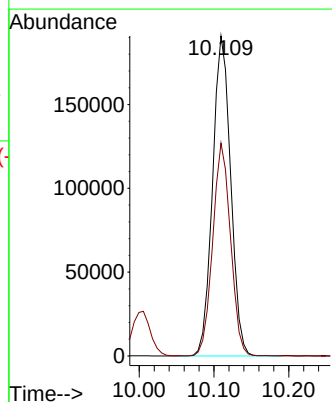
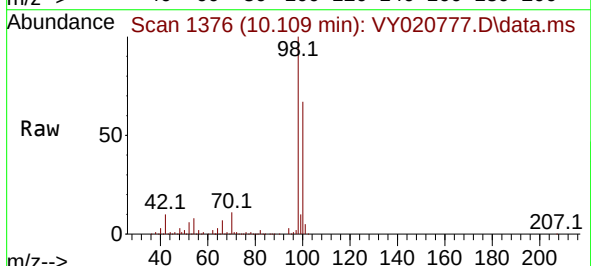
Acq: 06 Jan 2025 10:46

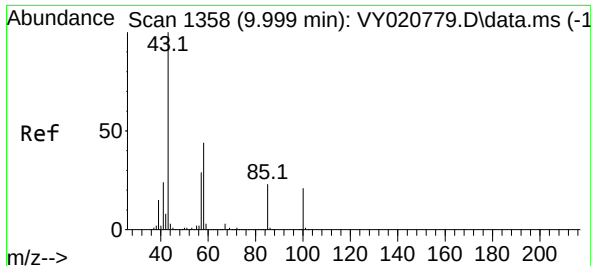
Tgt Ion: 98 Resp: 321709

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 279.270 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

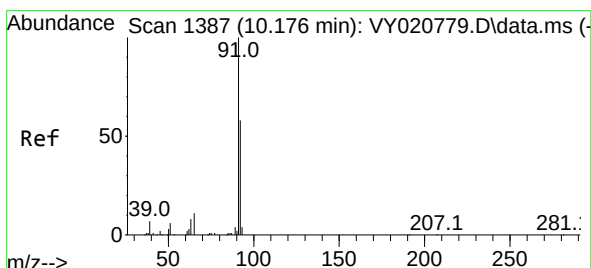
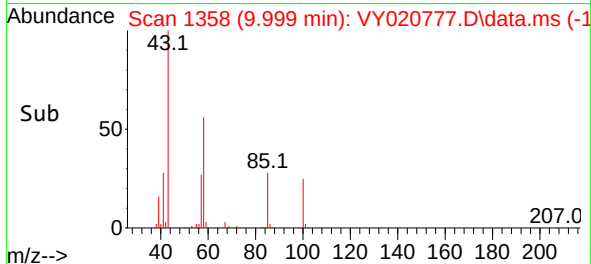
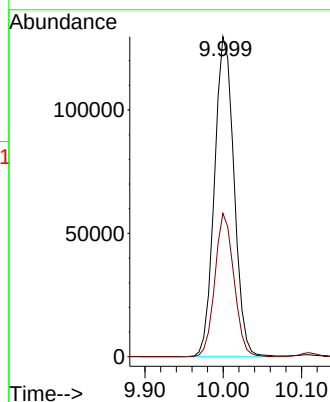
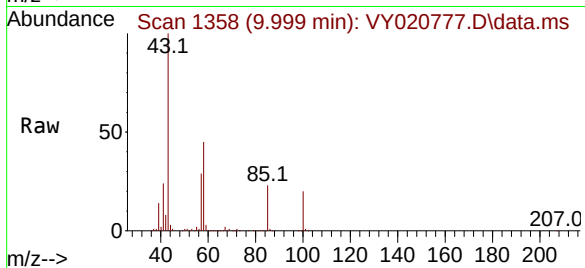
ClientSampleId :

Tgt Ion: 43 Resp: 225583

Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2



#52

Toluene

Concen: 51.464 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020777.D

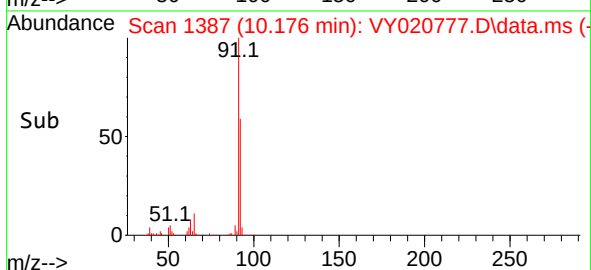
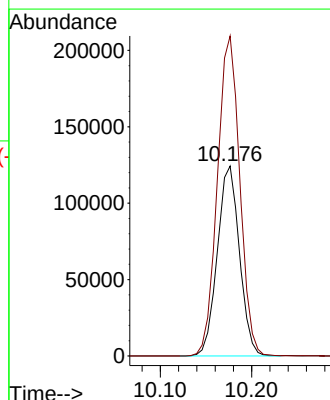
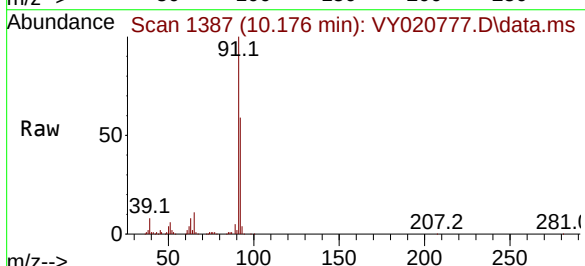
Acq: 06 Jan 2025 10:46

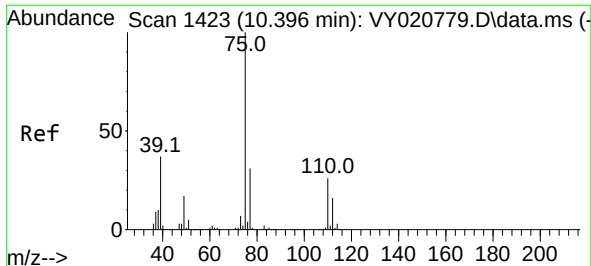
Tgt Ion: 92 Resp: 208932

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8

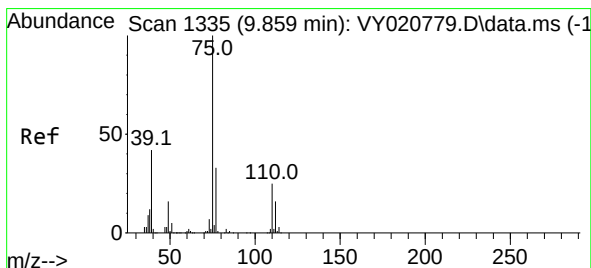
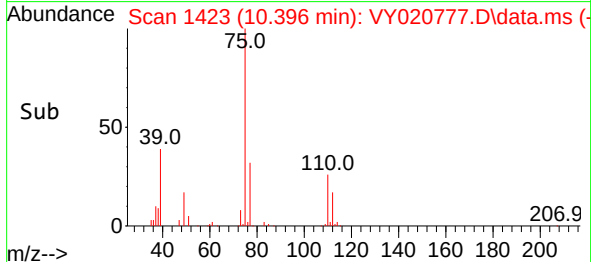
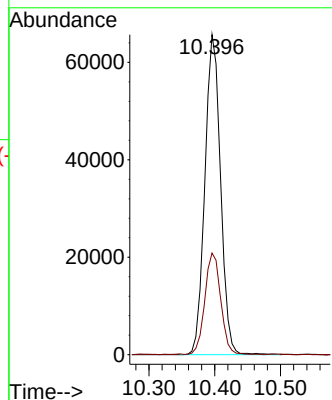
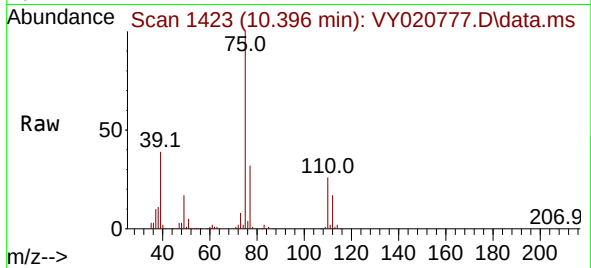




#53
t-1,3-Dichloropropene
Concen: 53.546 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

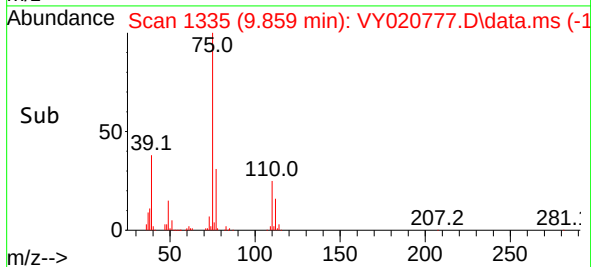
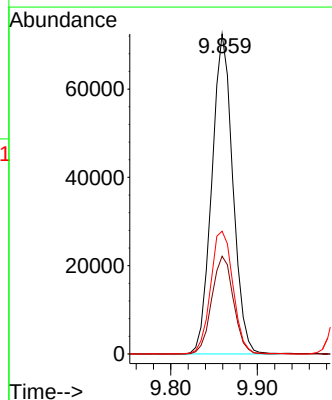
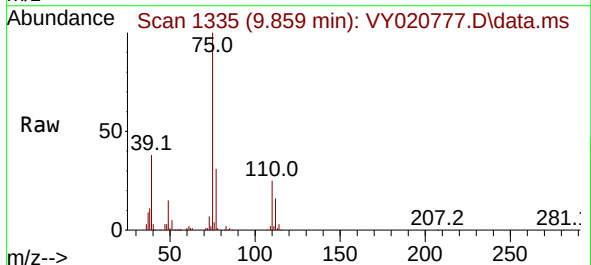
Instrument :
MSVOA_Y
ClientSampleId :

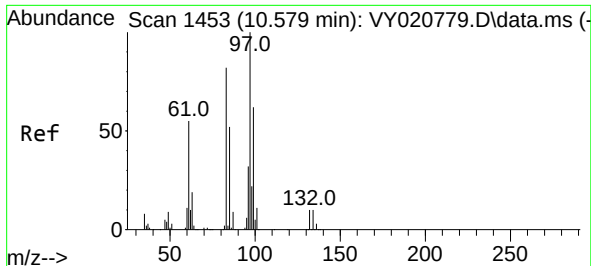
Tgt Ion: 75 Resp: 108857
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.789 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 75 Resp: 122275
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 38.4 30.7 46.1

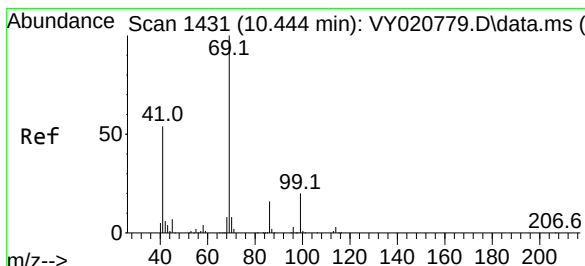
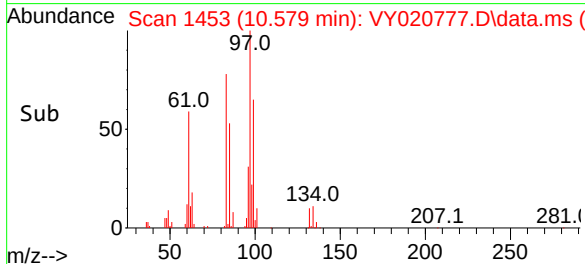
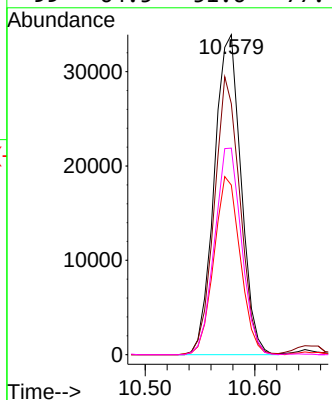
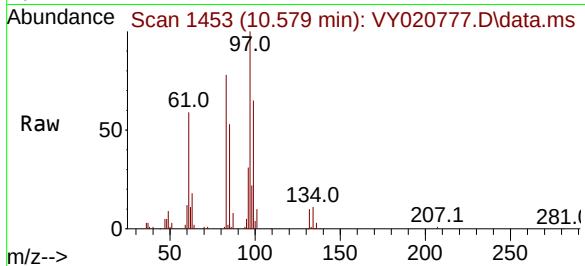




#55
1,1,2-Trichloroethane
Concen: 50.565 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

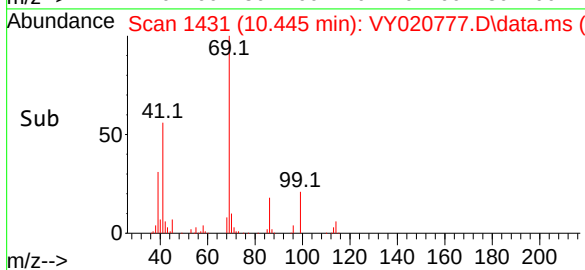
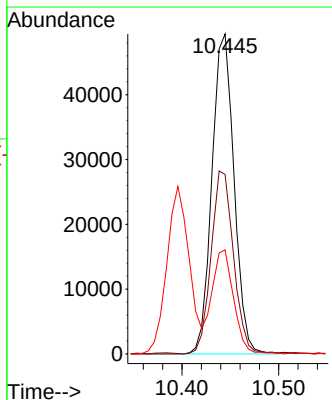
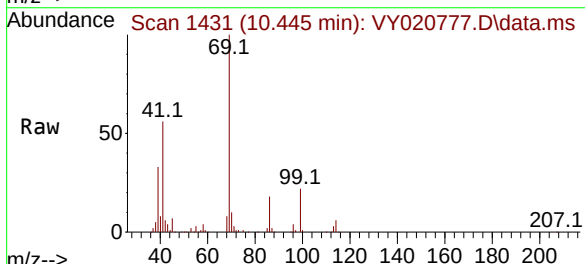
Instrument :
MSVOA_Y
ClientSampleId :

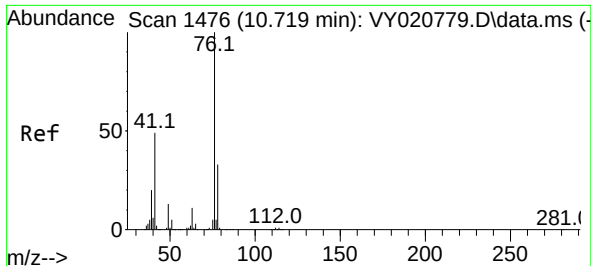
Tgt Ion: 97	Resp: 57654
Ion Ratio	Lower Upper
97 100	
83 78.5	62.8 94.2
85 53.0	42.4 63.6
99 64.5	51.6 77.4



#56
Ethyl methacrylate
Concen: 54.512 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 69	Resp: 78496
Ion Ratio	Lower Upper
69 100	
41 58.2	46.6 69.8
39 32.1	25.7 38.5





#57

1,3-Dichloropropane

Concen: 52.498 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

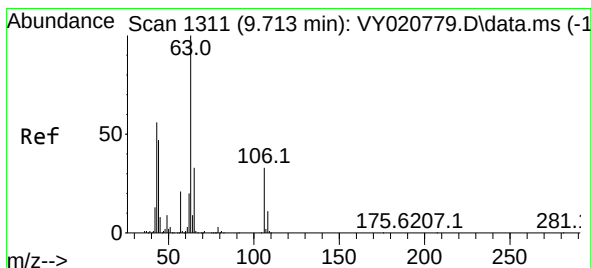
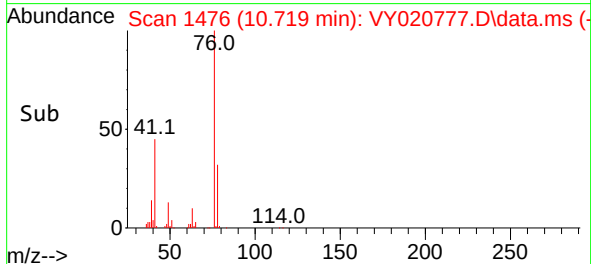
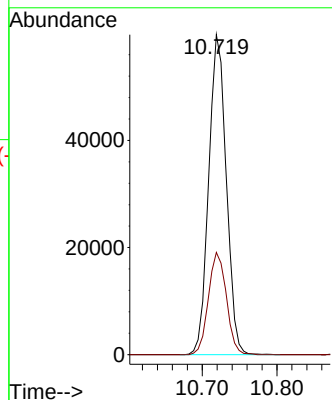
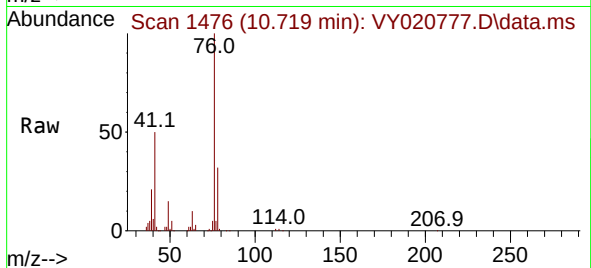
ClientSampleId :

Tgt Ion: 76 Resp: 97572

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 284.366 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020777.D

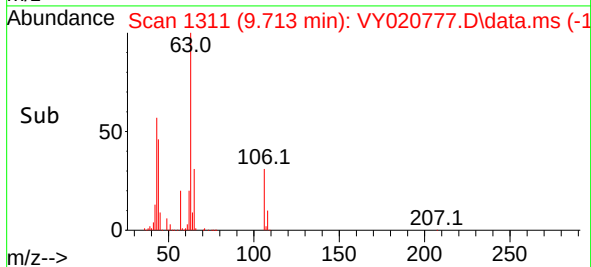
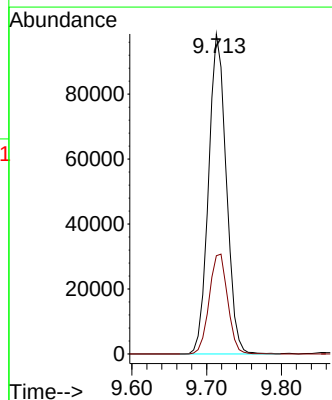
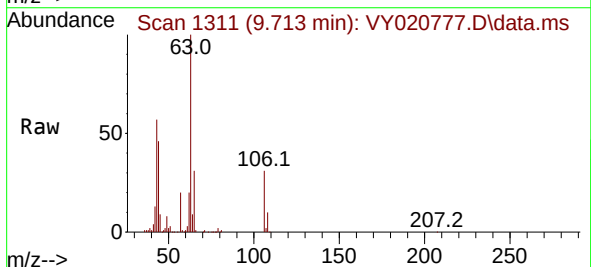
Acq: 06 Jan 2025 10:46

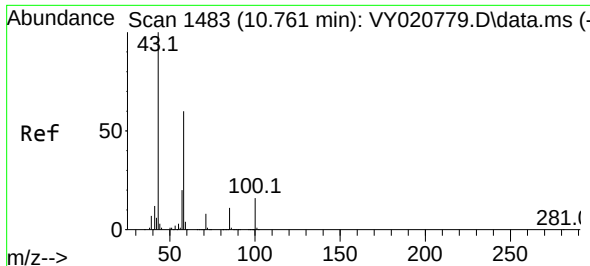
Tgt Ion: 63 Resp: 162445

Ion Ratio Lower Upper

63 100

106 32.4 25.9 38.9

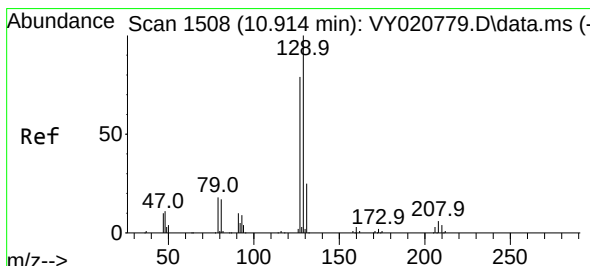
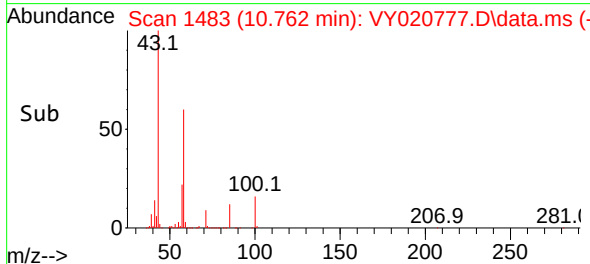
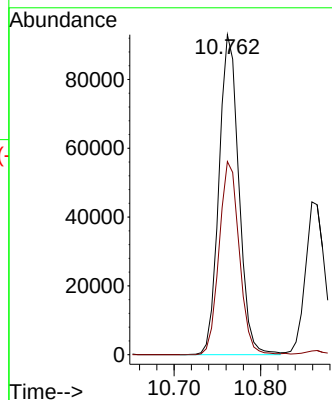
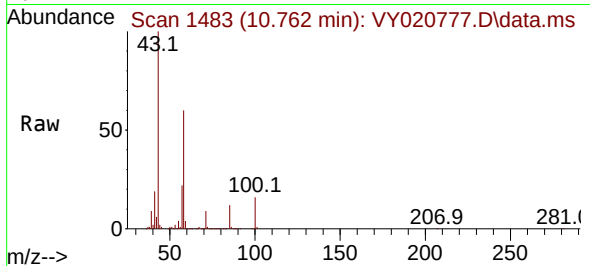




#59
2-Hexanone
Concen: 285.806 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

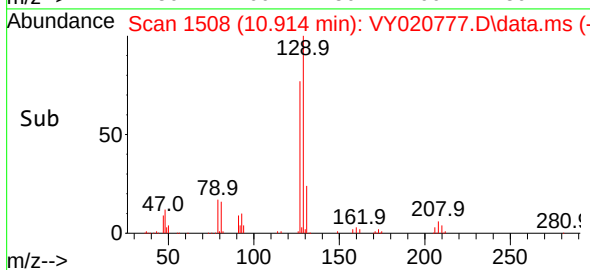
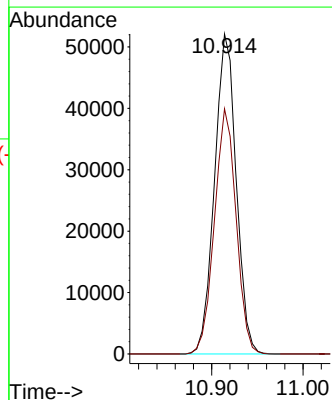
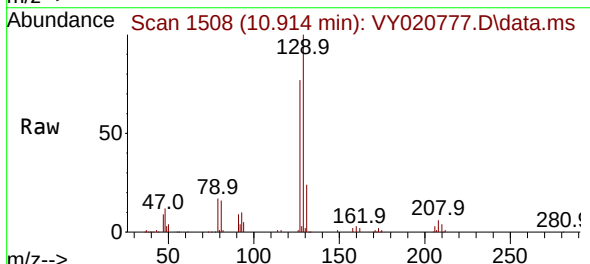
Instrument :
MSVOA_Y
ClientSampleId :

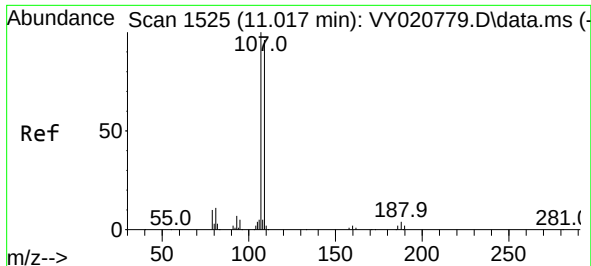
Tgt Ion: 43 Resp: 148109
Ion Ratio Lower Upper
43 100
58 61.3 30.6 92.0



#60
Dibromochloromethane
Concen: 51.926 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:129 Resp: 85869
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

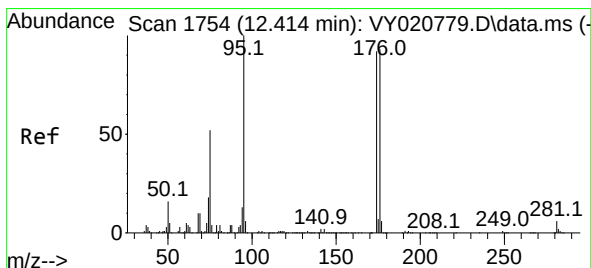
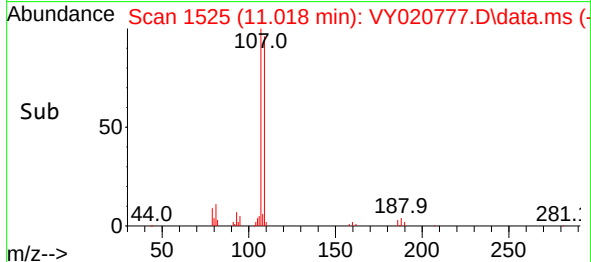
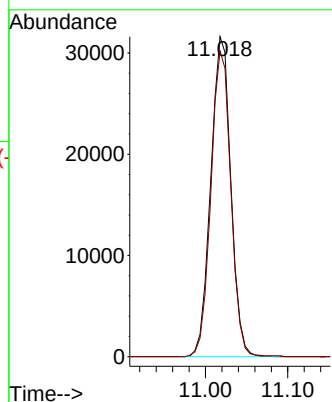
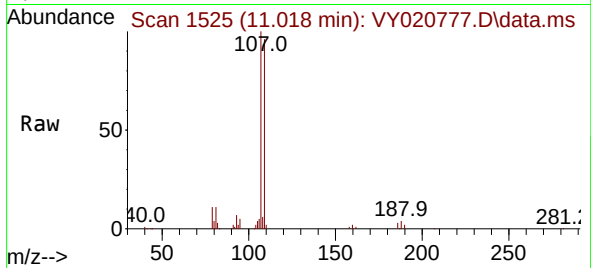




#61
1,2-Dibromoethane
Concen: 52.273 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

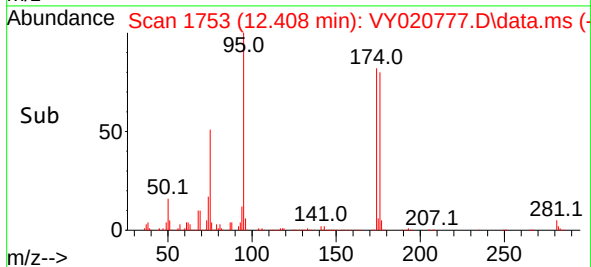
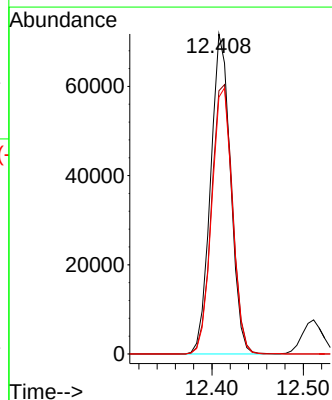
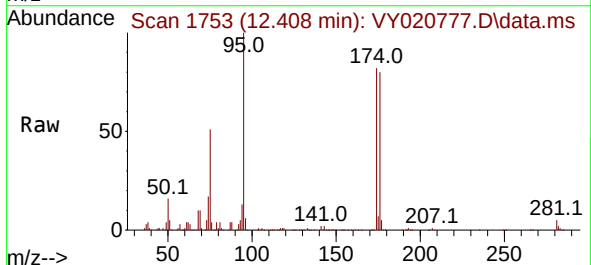
Instrument :
MSVOA_Y
ClientSampleId :

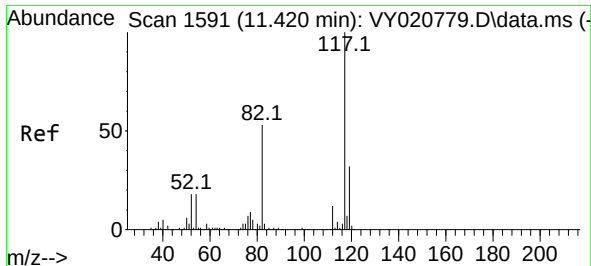
Tgt Ion:107 Resp: 53509
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 53.854 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 95 Resp: 108574
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 86.0 0.0 172.0

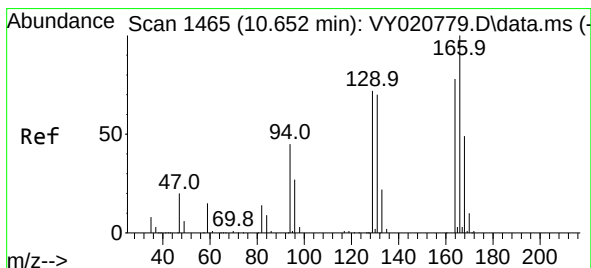
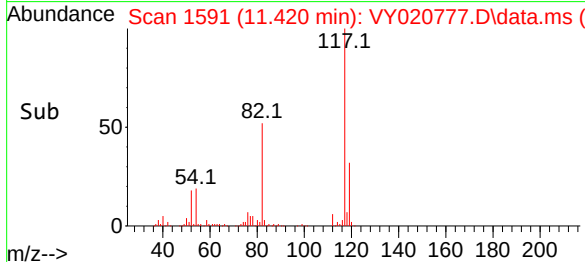
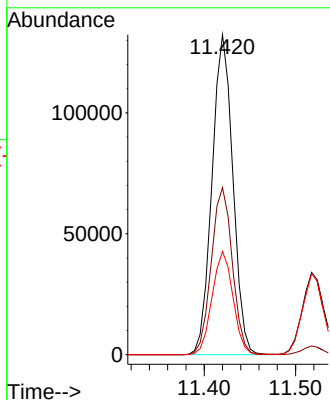
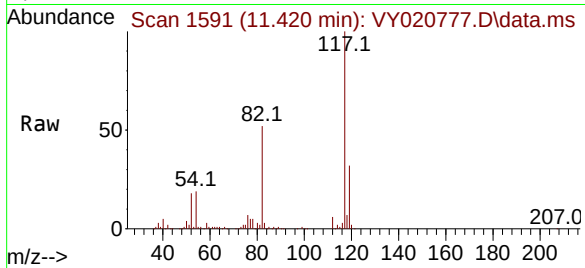




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

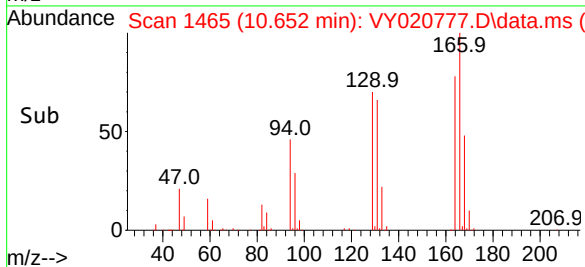
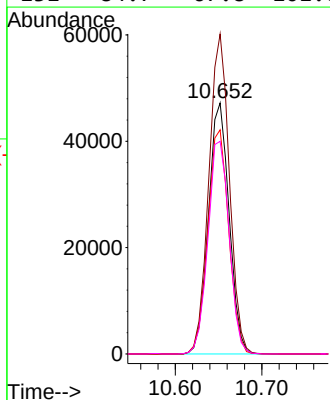
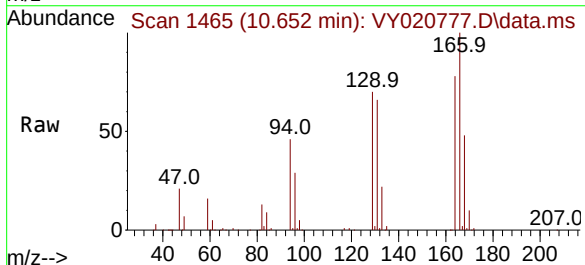
Instrument :
MSVOA_Y
ClientSampleId :

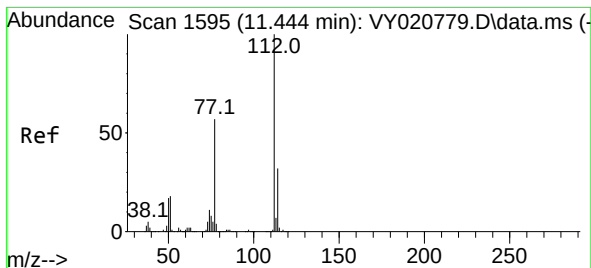
Tgt Ion:117 Resp: 209657
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 50.971 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:164 Resp: 78568
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 89.3 71.4 107.2
131 84.7 67.8 101.6





#65

Chlorobenzene

Concen: 50.467 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

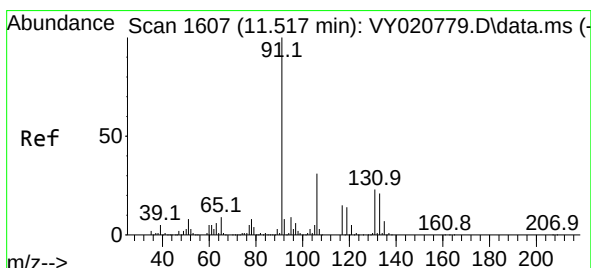
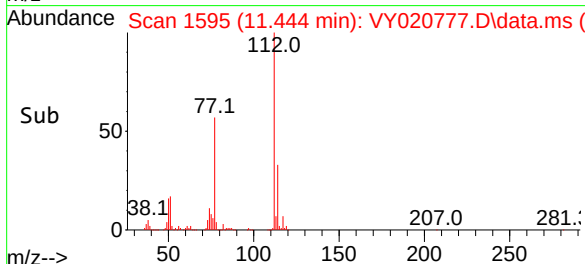
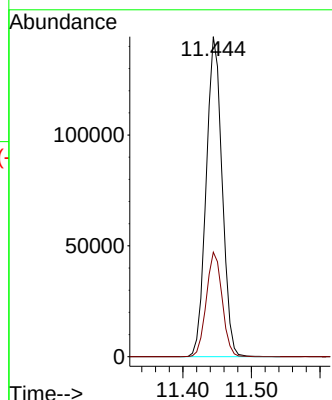
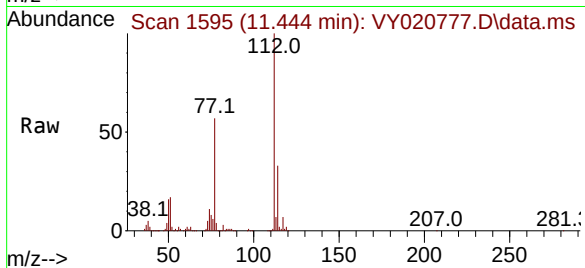
ClientSampleId :

Tgt Ion:112 Resp: 233941

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.266 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

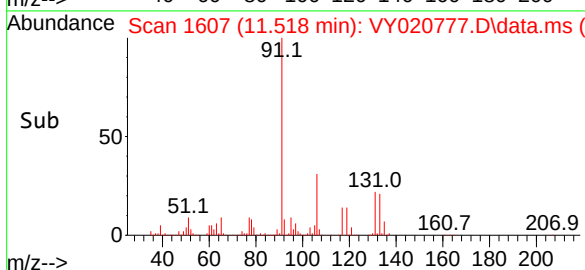
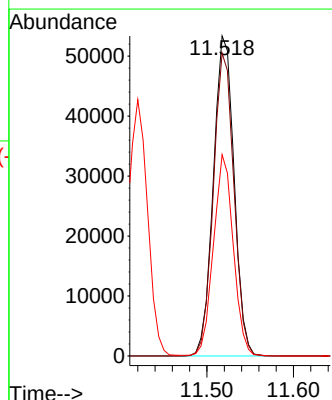
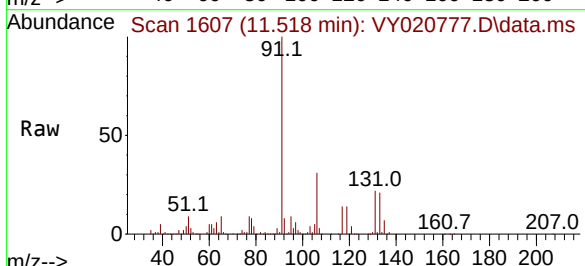
Tgt Ion:131 Resp: 88704

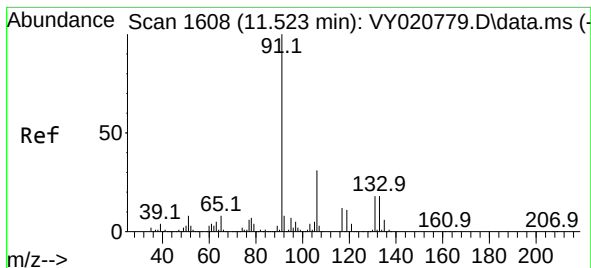
Ion Ratio Lower Upper

131 100

133 93.9 46.9 140.8

119 60.4 30.2 90.6





#67

Ethyl Benzene

Concen: 51.358 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

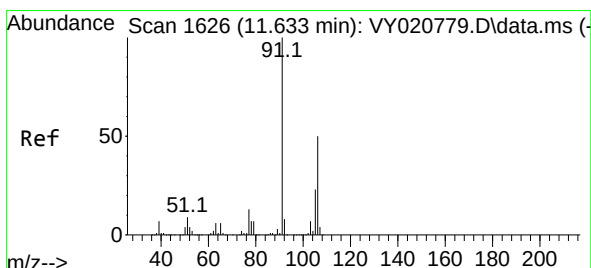
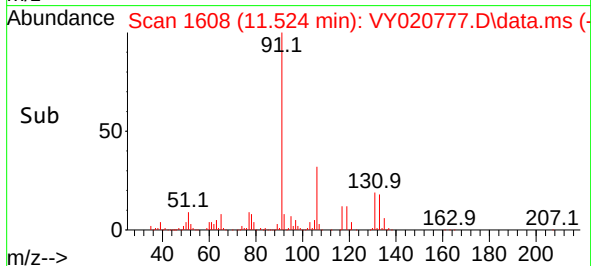
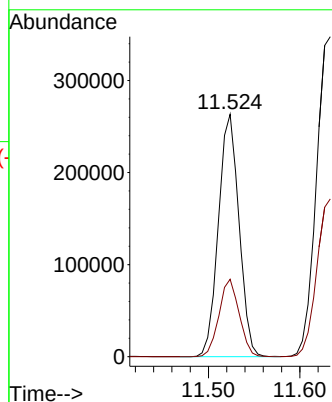
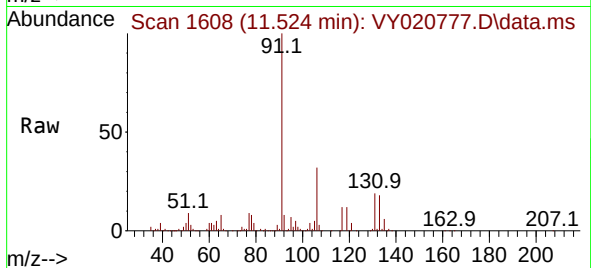
ClientSampleId :

Tgt Ion: 91 Resp: 412177

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 101.685 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020777.D

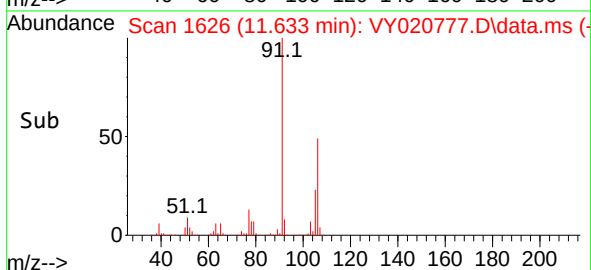
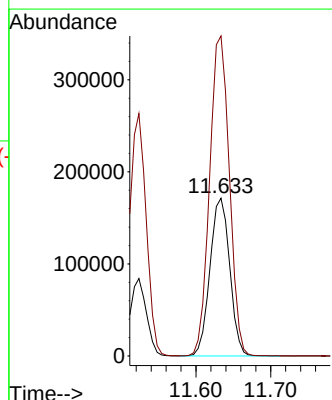
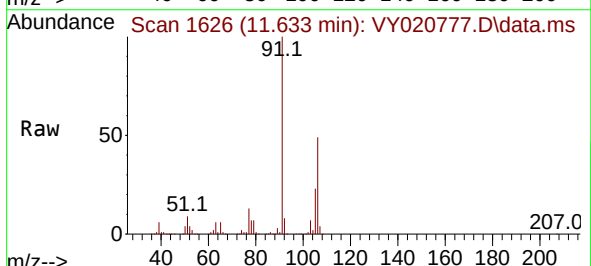
Acq: 06 Jan 2025 10:46

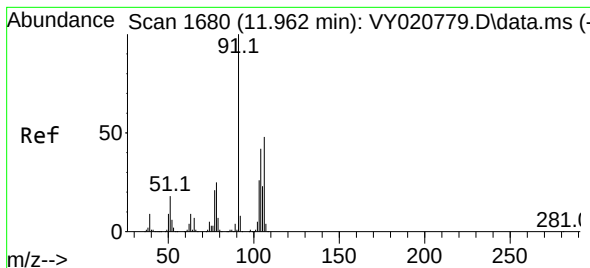
Tgt Ion:106 Resp: 314202

Ion Ratio Lower Upper

106 100

91 203.2 162.6 243.8





#69

o-Xylene

Concen: 50.563 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

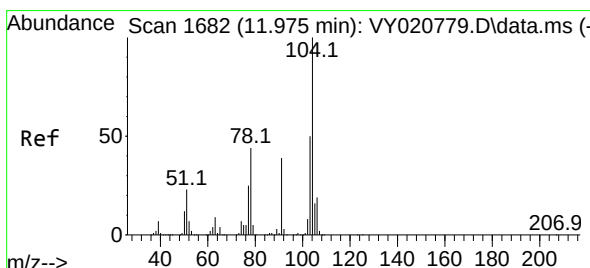
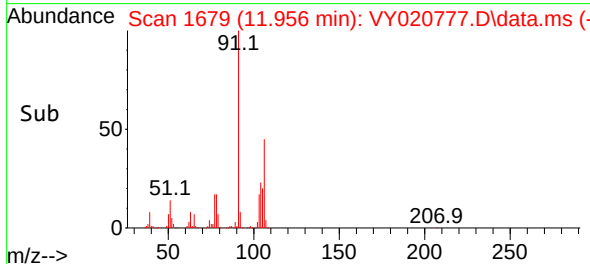
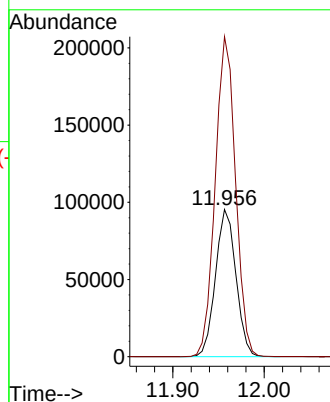
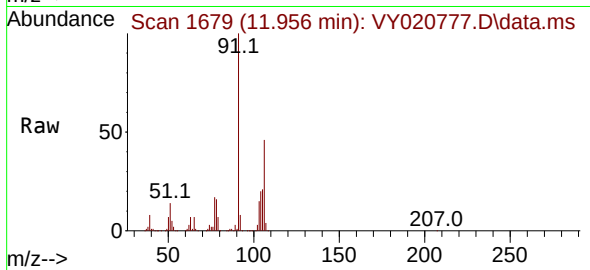
ClientSampleId :

Tgt Ion:106 Resp: 148137

Ion Ratio Lower Upper

106 100

91 216.4 108.2 324.6



#70

Styrene

Concen: 51.543 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

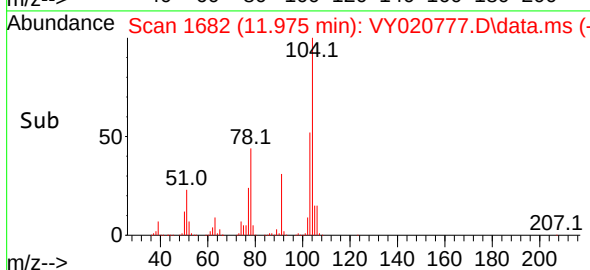
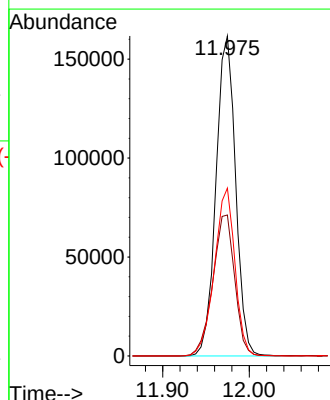
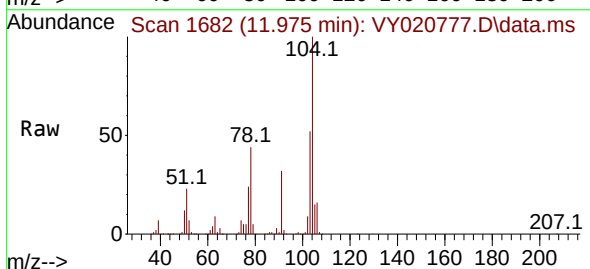
Tgt Ion:104 Resp: 254198

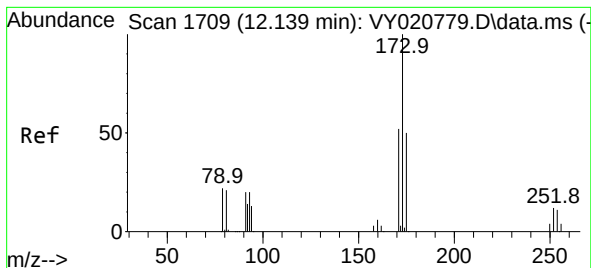
Ion Ratio Lower Upper

104 100

78 49.3 39.4 59.2

103 55.0 44.0 66.0





#71

Bromoform

Concen: 52.480 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

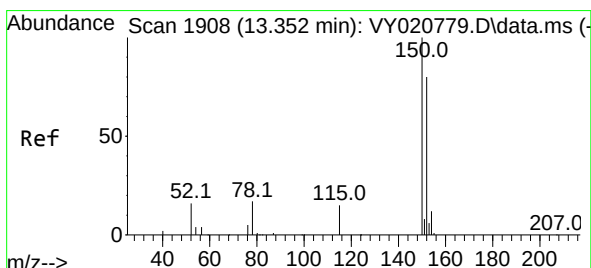
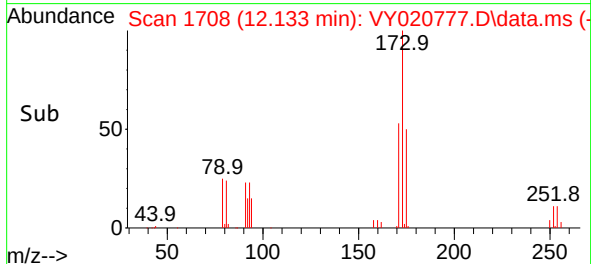
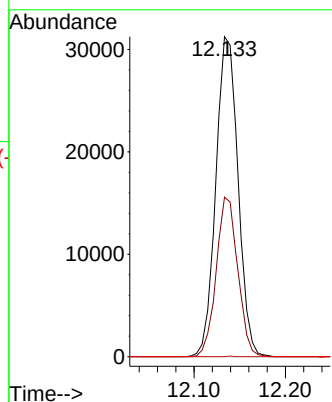
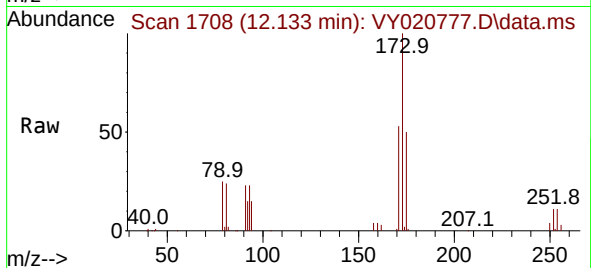
Tgt Ion:173 Resp: 52647

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

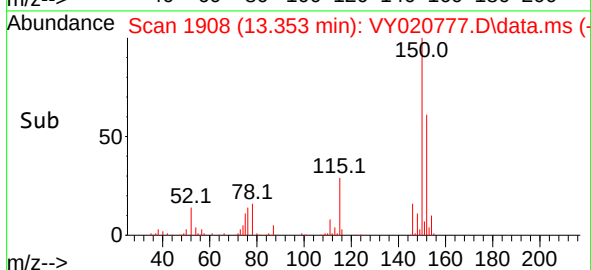
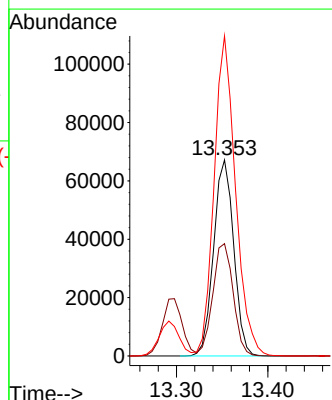
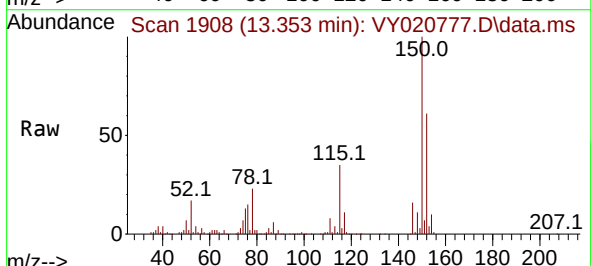
Tgt Ion:152 Resp: 102842

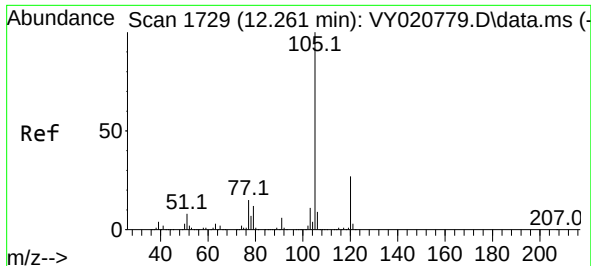
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

150 173.7 0.0 347.4

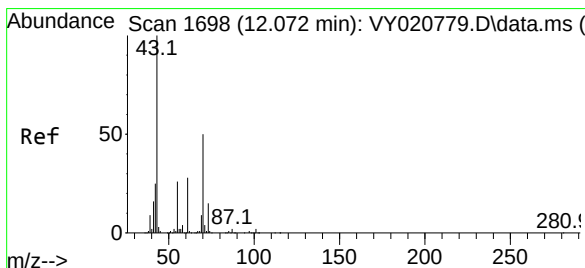
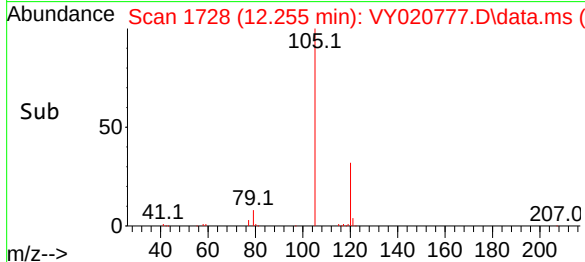
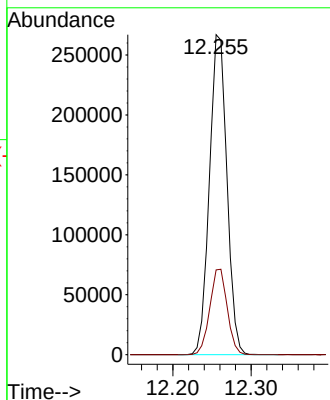
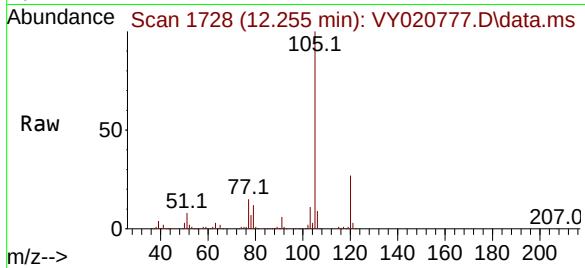




#73
Isopropylbenzene
Concen: 50.687 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

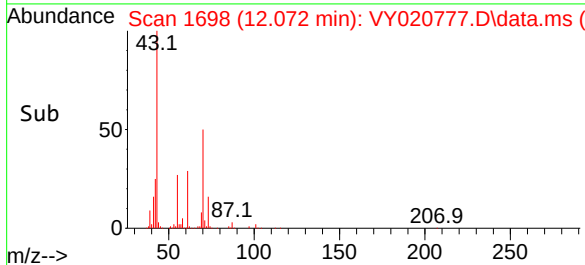
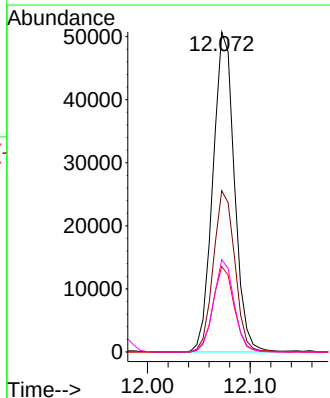
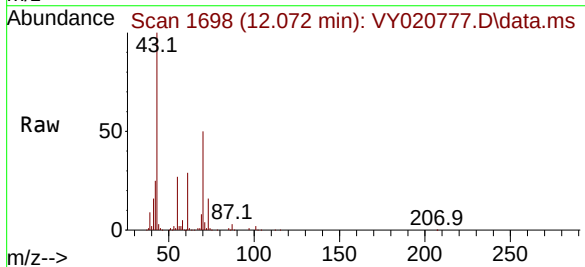
Instrument :
MSVOA_Y
ClientSampleId :

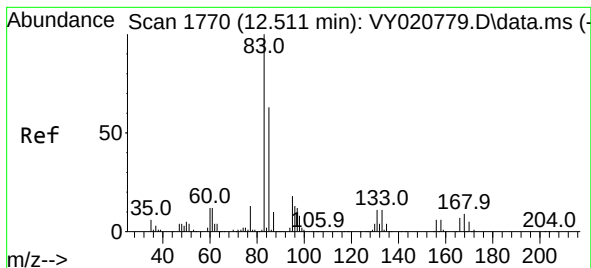
Tgt Ion:105 Resp: 413538
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 55.211 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 43 Resp: 73682
Ion Ratio Lower Upper
43 100
70 50.3 40.2 60.4
55 26.5 21.2 31.8
61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.031 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

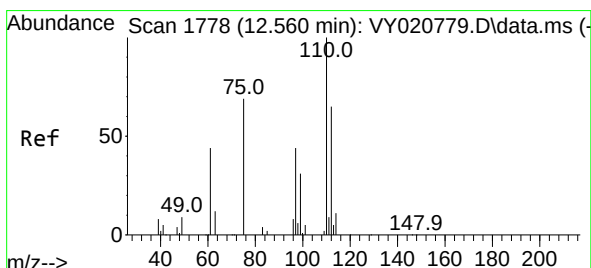
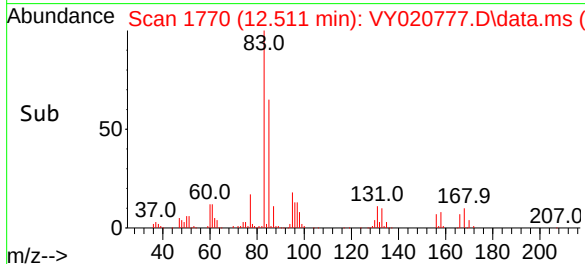
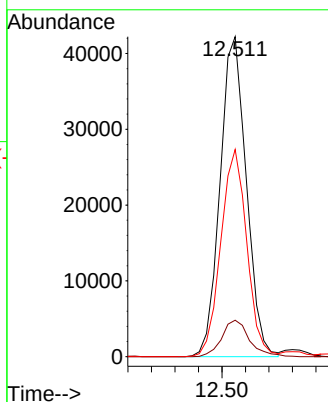
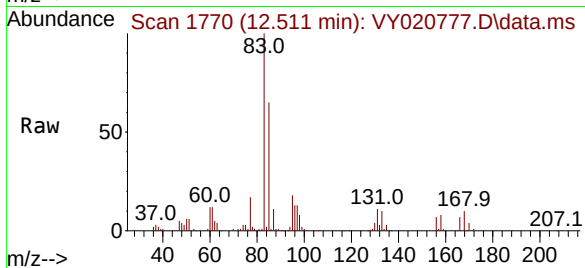
Tgt Ion: 83 Resp: 65576

Ion Ratio Lower Upper

83 100

131 12.0 6.0 18.0

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 94.237 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020777.D

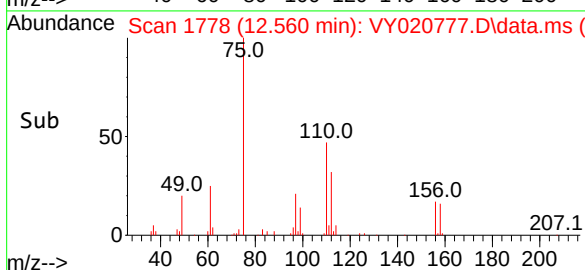
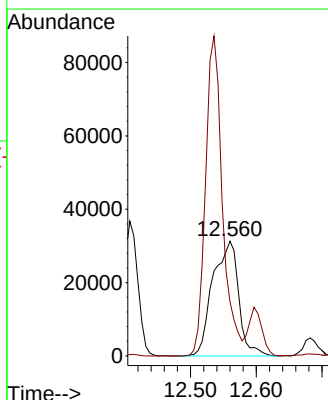
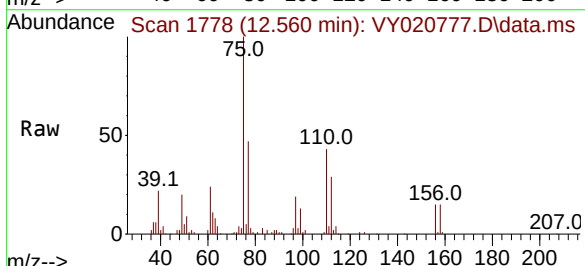
Acq: 06 Jan 2025 10:46

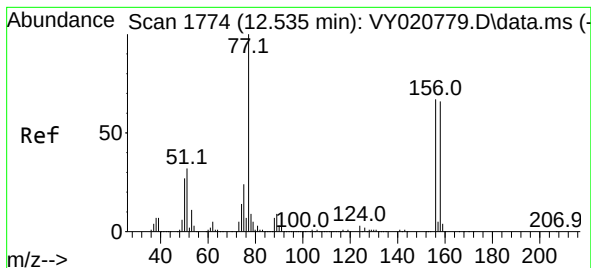
Tgt Ion: 75 Resp: 85787

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.448 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

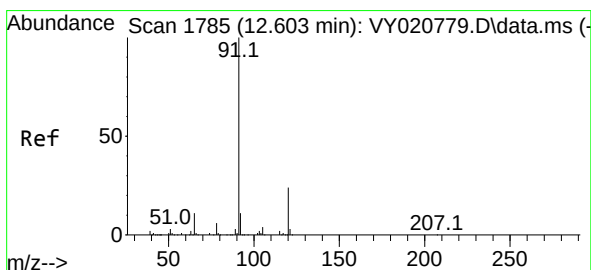
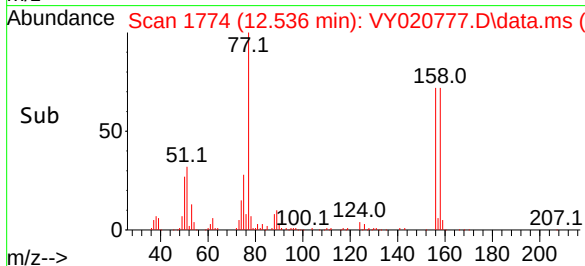
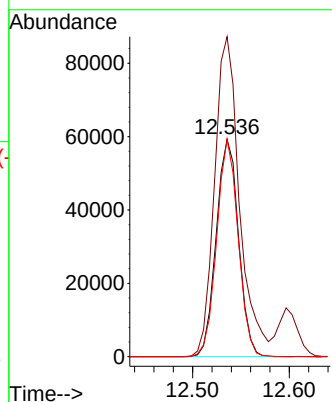
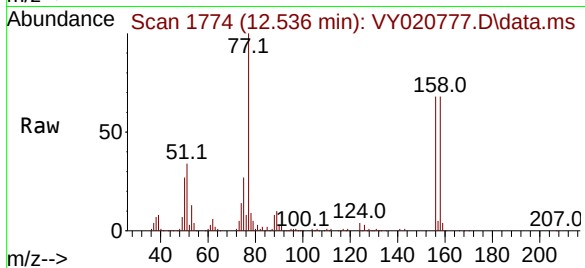
Tgt Ion:156 Resp: 94894

Ion Ratio Lower Upper

156 100

77 164.7 82.3 247.0

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 50.760 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020777.D

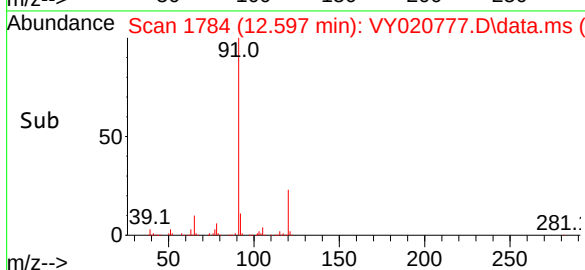
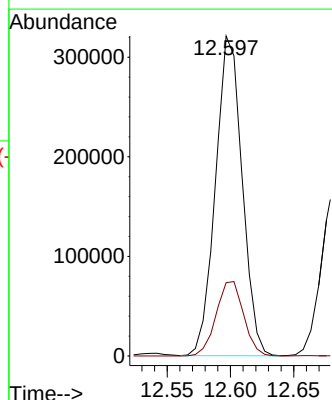
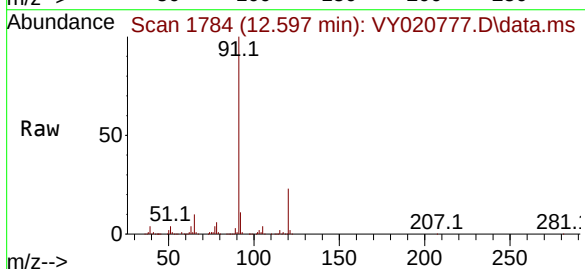
Acq: 06 Jan 2025 10:46

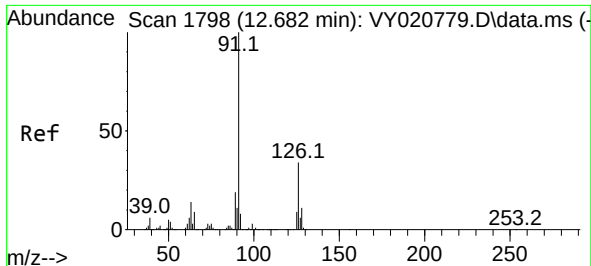
Tgt Ion: 91 Resp: 470058

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1

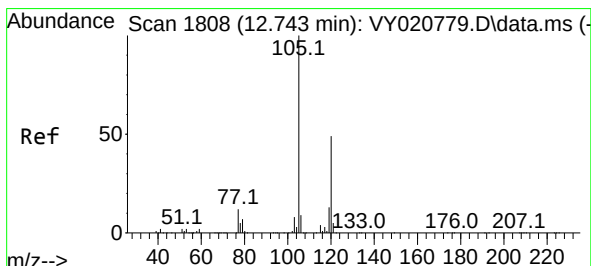
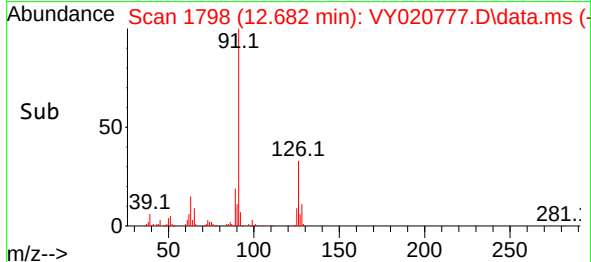
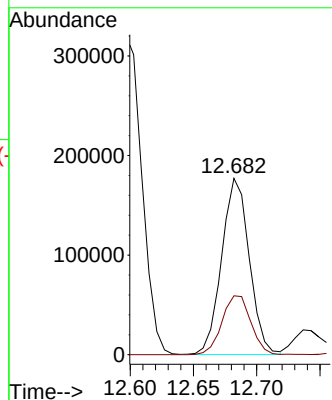
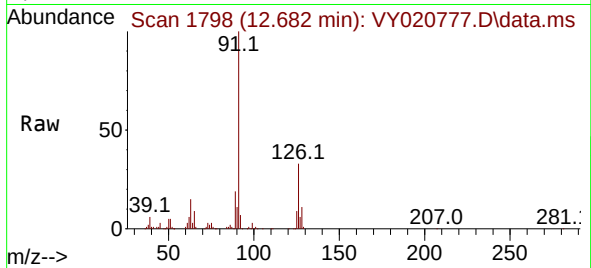




#79
2-Chlorotoluene
Concen: 50.396 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

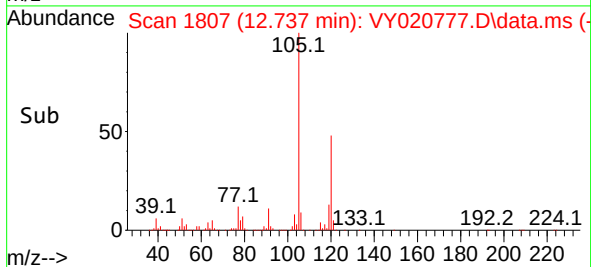
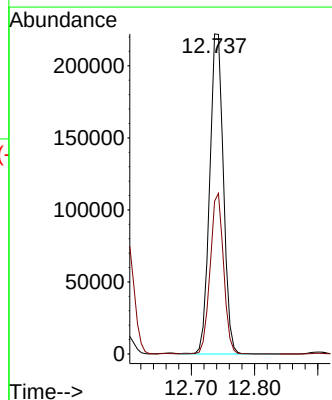
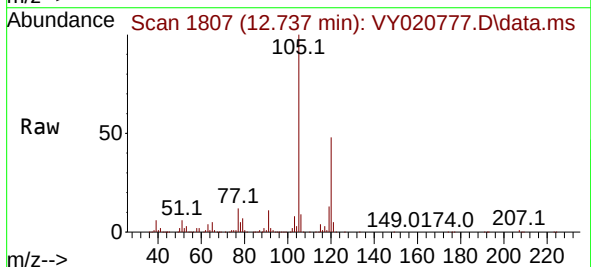
Instrument :
MSVOA_Y
ClientSampleId :

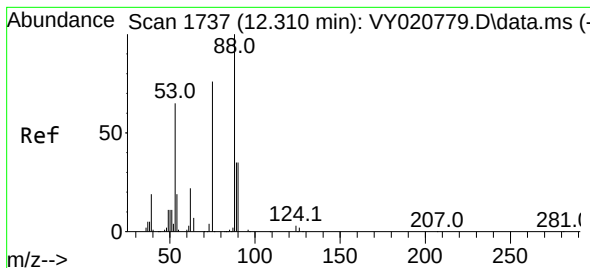
Tgt Ion: 91 Resp: 268751
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 50.726 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:105 Resp: 335394
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

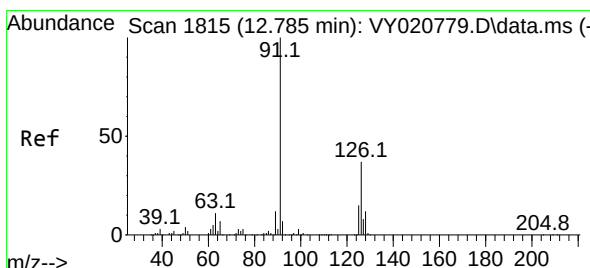
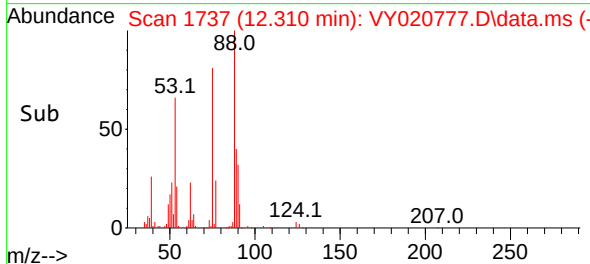
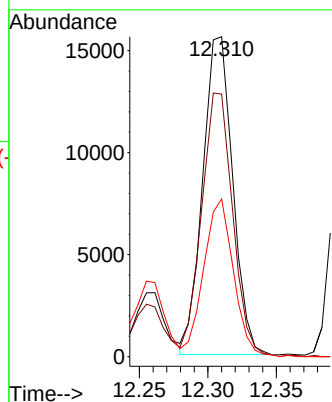
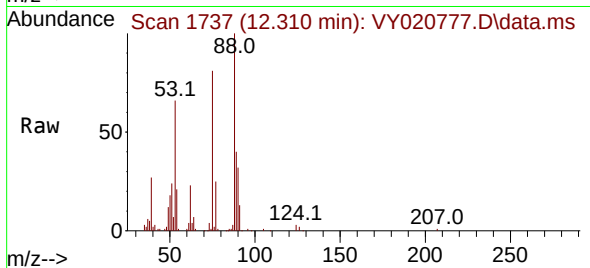




#81
trans-1,4-Dichloro-2-butene
Concen: 55.508 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

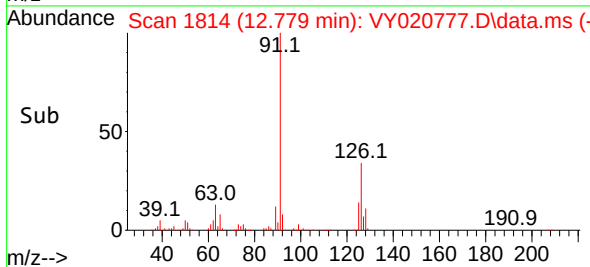
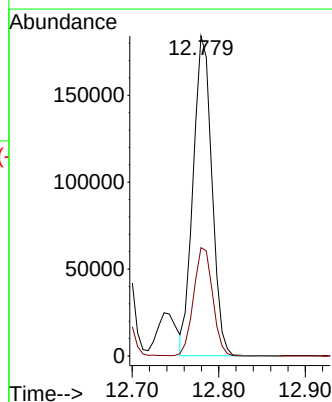
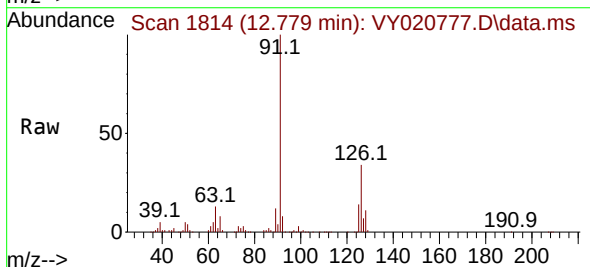
Instrument :
MSVOA_Y
ClientSampleId :

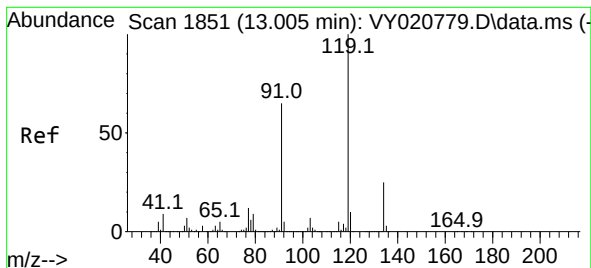
Tgt Ion: 75 Resp: 23689
Ion Ratio Lower Upper
75 100
53 86.7 69.4 104.0
89 49.5 39.6 59.4



#82
4-Chlorotoluene
Concen: 50.232 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion: 91 Resp: 276448
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7





#83

tert-Butylbenzene

Concen: 49.921 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

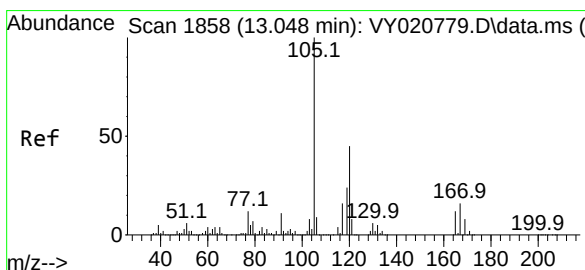
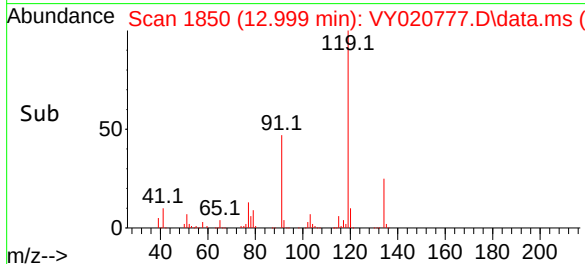
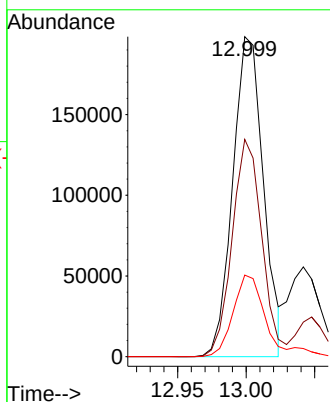
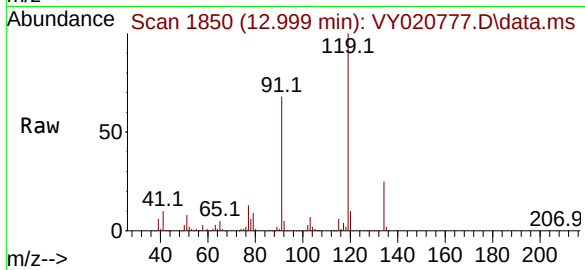
Tgt Ion:119 Resp: 308716

Ion Ratio Lower Upper

119 100

91 65.9 33.0 98.9

134 27.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 51.375 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020777.D

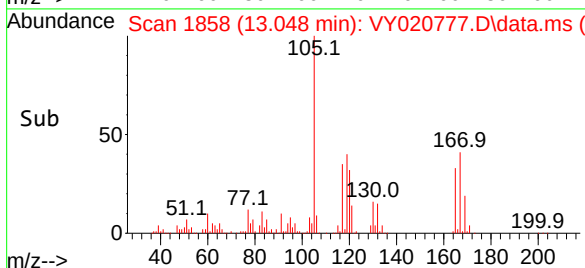
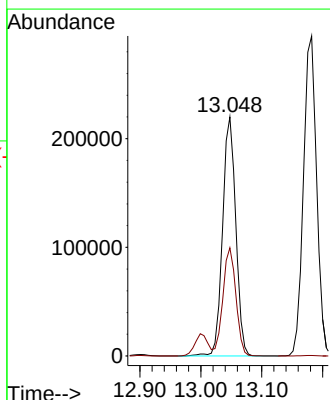
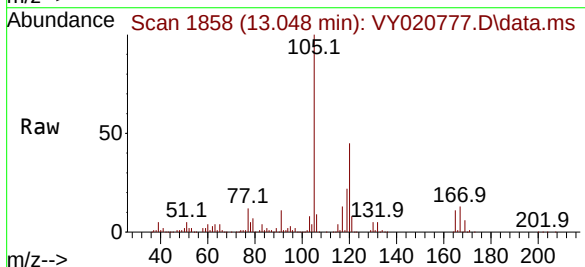
Acq: 06 Jan 2025 10:46

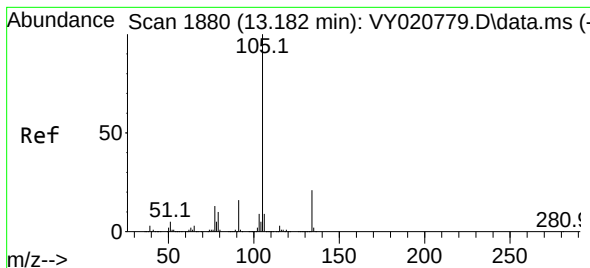
Tgt Ion:105 Resp: 331714

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 51.049 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

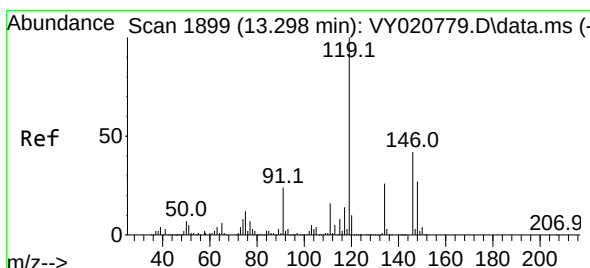
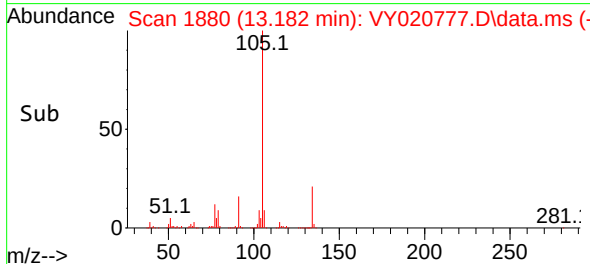
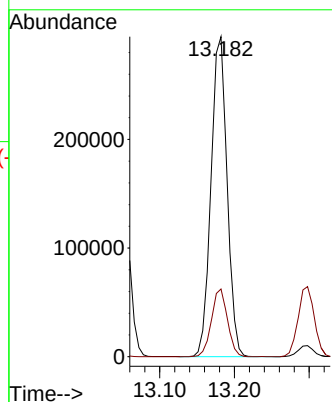
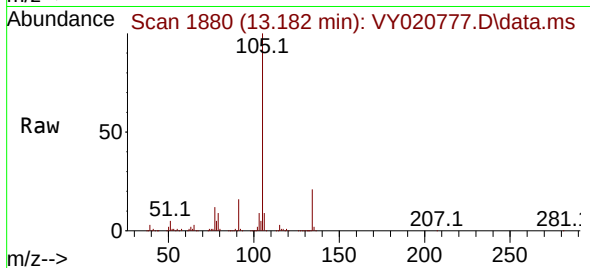
ClientSampleId :

Tgt Ion:105 Resp: 440957

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 50.822 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

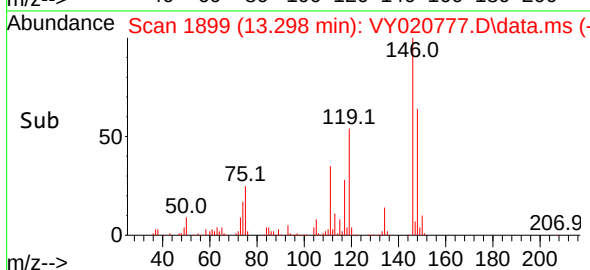
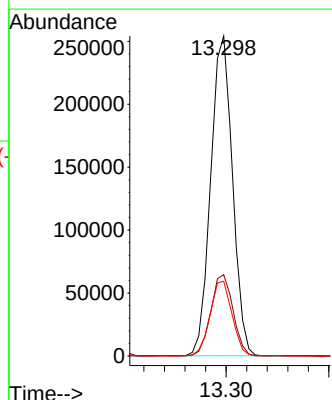
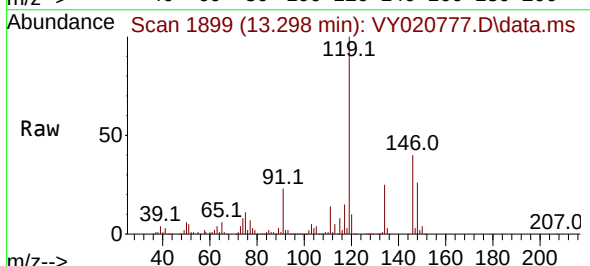
Tgt Ion:119 Resp: 374493

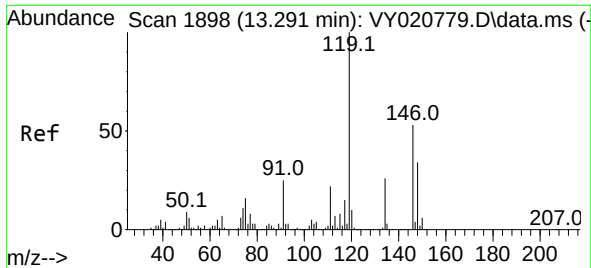
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.5 11.8 35.3

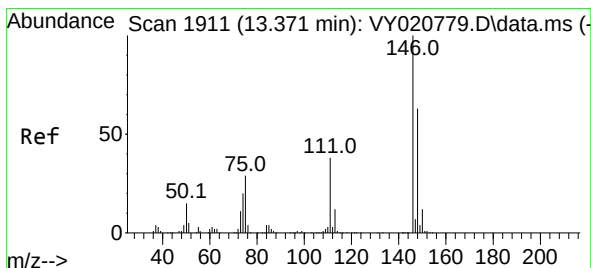
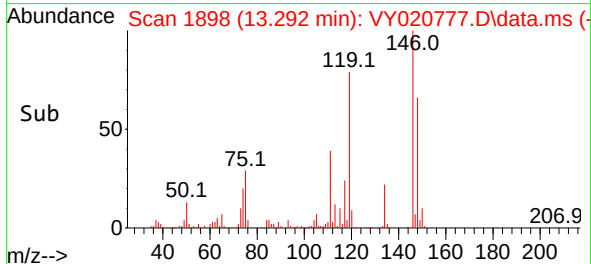
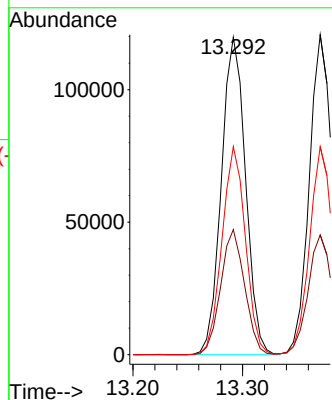
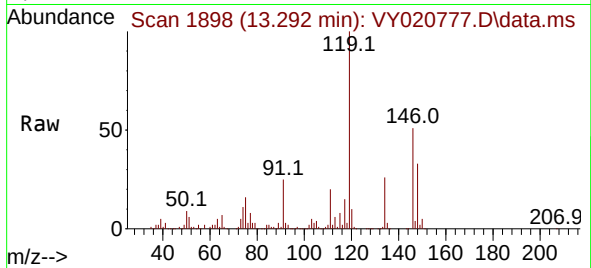




#87
1,3-Dichlorobenzene
Concen: 50.245 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

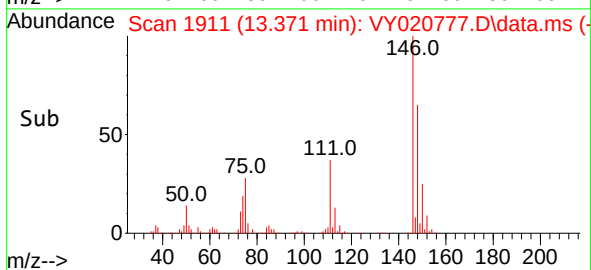
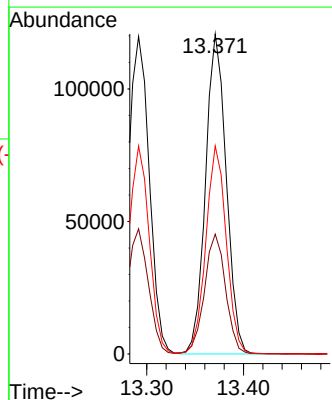
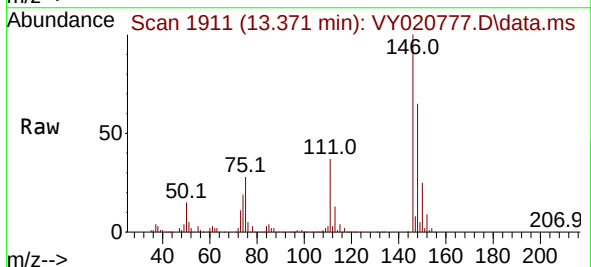
Instrument :
MSVOA_Y
ClientSampleId :

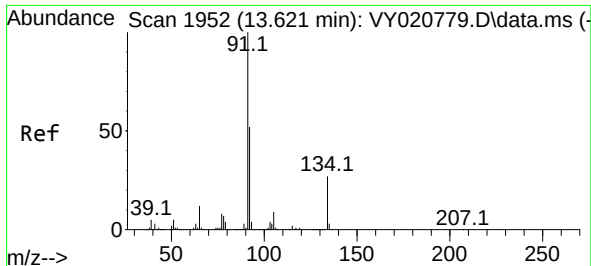
Tgt Ion:146 Resp: 183640
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 63.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.960 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:146 Resp: 179745
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.3
148 64.3 32.1 96.5

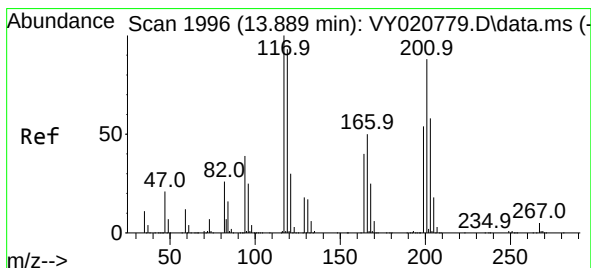
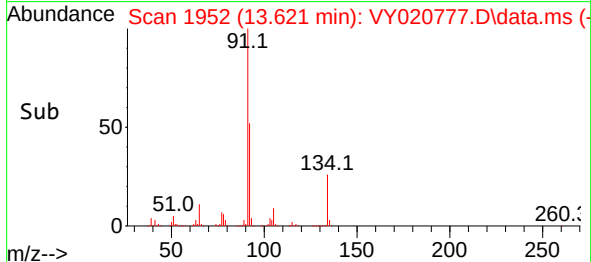
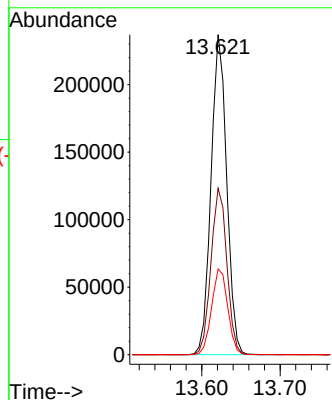
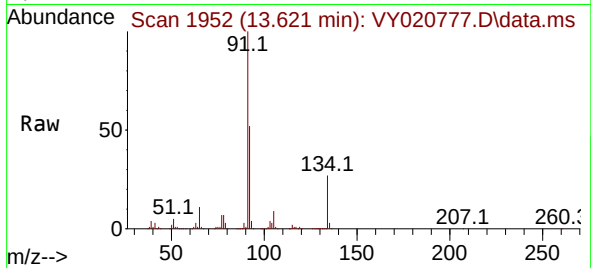




#89
n-Butylbenzene
Concen: 51.302 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

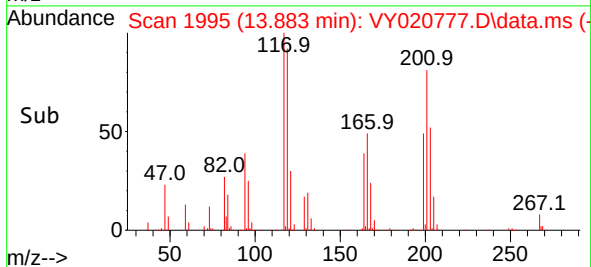
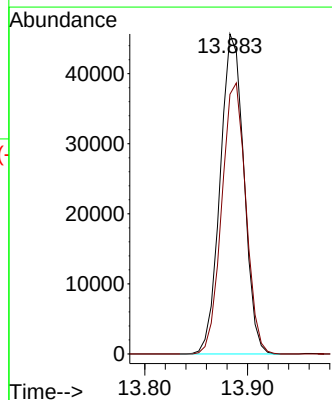
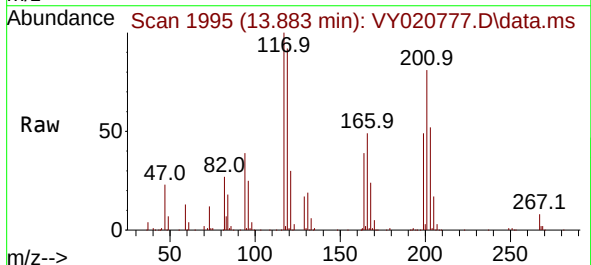
Instrument :
MSVOA_Y
ClientSampleId :

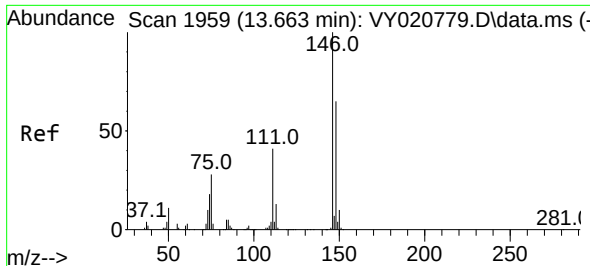
Tgt Ion: 91	Resp: 327954
Ion Ratio	Lower Upper
91 100	
92 52.9	26.5 79.4
134 27.6	13.8 41.4



#90
Hexachloroethane
Concen: 49.372 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020777.D
Acq: 06 Jan 2025 10:46

Tgt Ion:117	Resp:	73051	
Ion	Ratio	Lower	Upper
117	100		
201	85.8	42.9	128.7

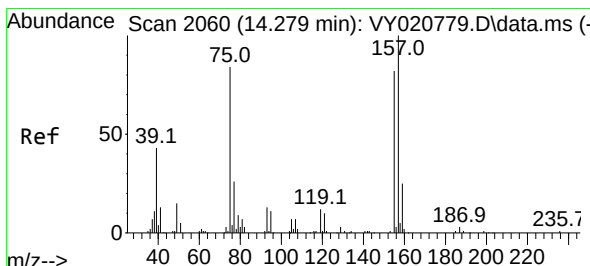
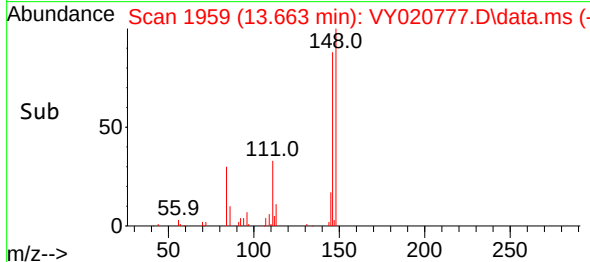
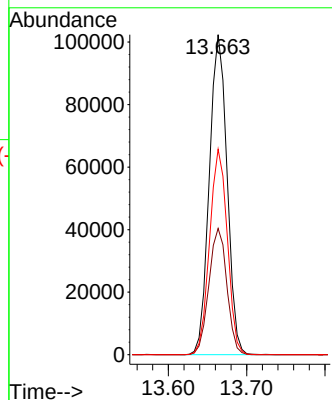
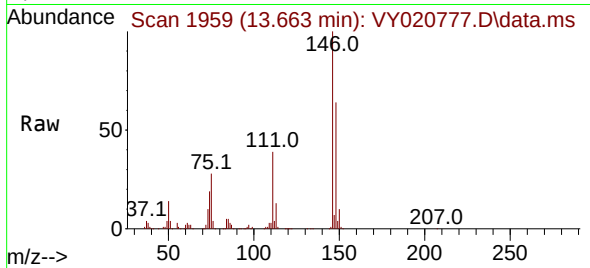




#91
 1,2-Dichlorobenzene
 Concen: 50.267 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY020777.D
 Acq: 06 Jan 2025 10:46

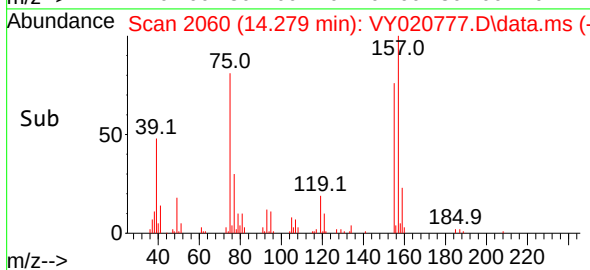
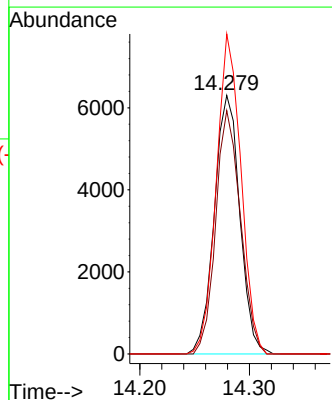
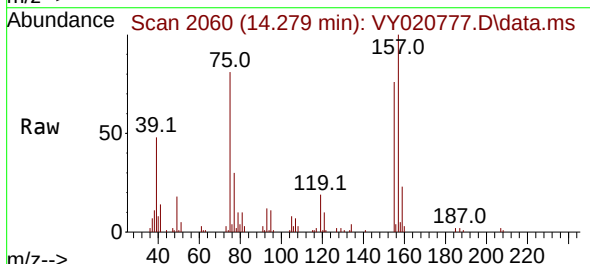
Instrument :
 MSVOA_Y
 ClientSampleId :

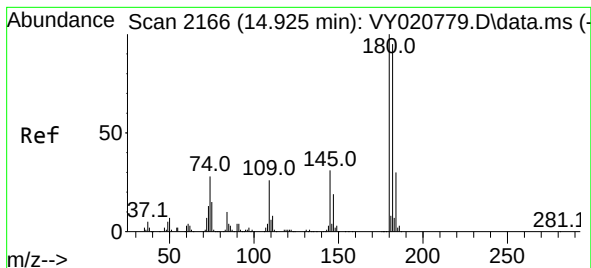
Tgt Ion:146 Resp: 160636
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.985 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY020777.D
 Acq: 06 Jan 2025 10:46

Tgt Ion: 75 Resp: 10194
 Ion Ratio Lower Upper
 75 100
 155 91.0 45.5 136.5
 157 119.3 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 52.134 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

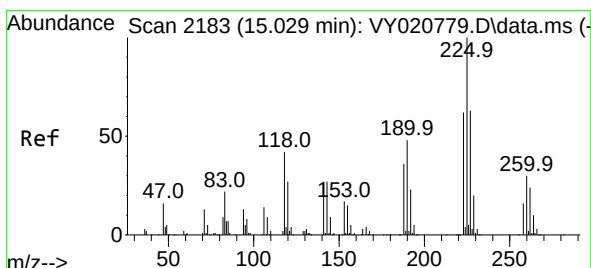
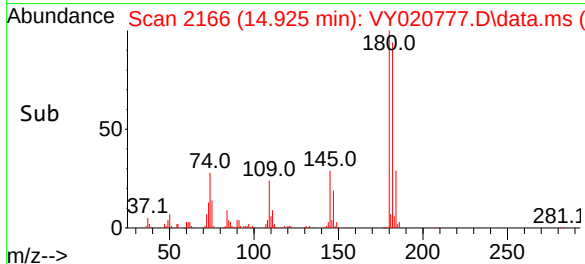
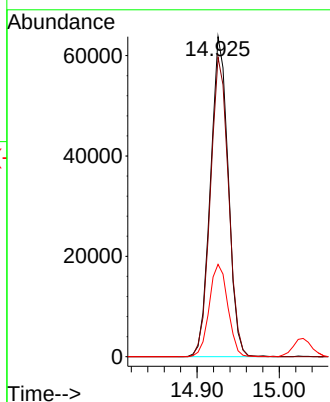
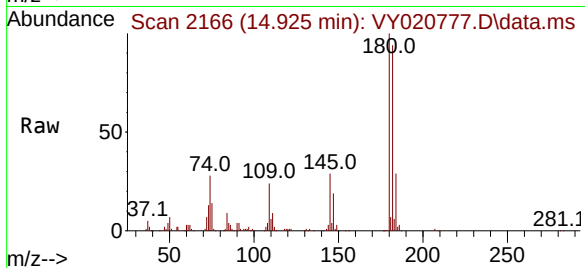
Tgt Ion:180 Resp: 95880

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 30.1 15.0 45.1



#94

Hexachlorobutadiene

Concen: 49.522 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

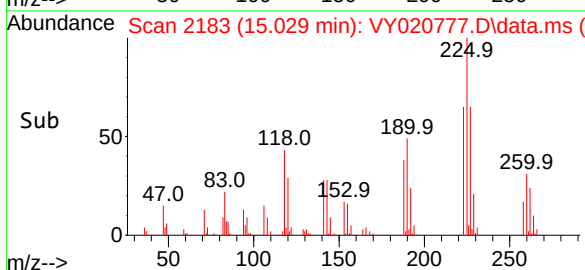
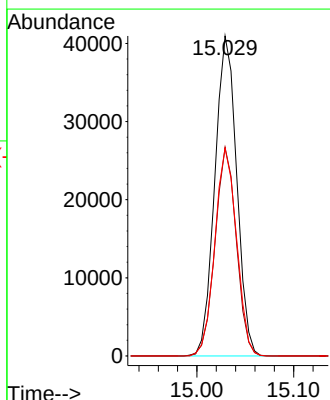
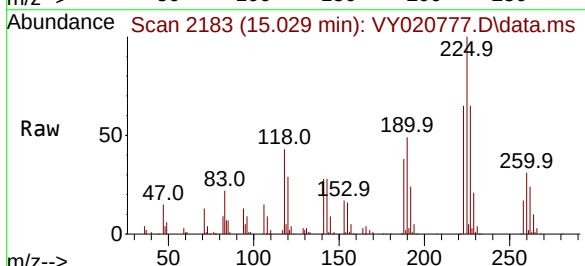
Tgt Ion:225 Resp: 64206

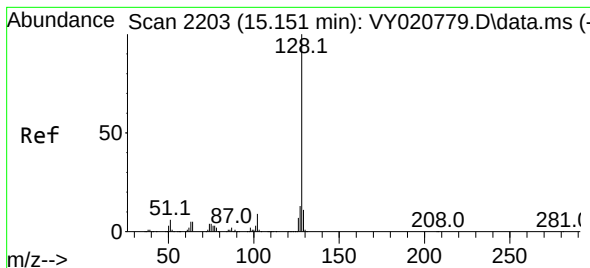
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 64.4 32.2 96.6





#95

Naphthalene

Concen: 53.241 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

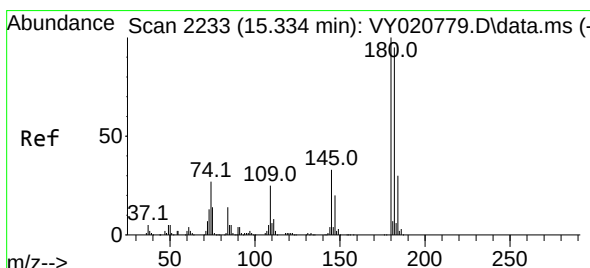
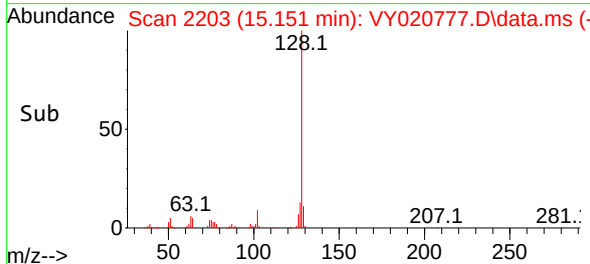
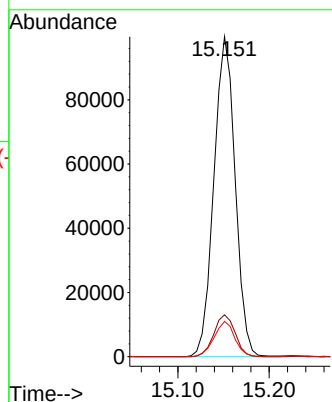
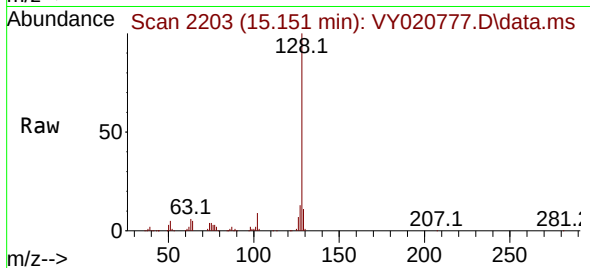
Tgt Ion:128 Resp: 161153

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.616 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020777.D

Acq: 06 Jan 2025 10:46

Tgt Ion:180 Resp: 77989

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 32.1 16.1 48.2

