

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020781.D
 Acq On : 06 Jan 2025 13:27
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 05:58:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	181184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	265209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	222082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	105944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	77964	50.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.646	113	83844	50.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.115	98	323230	55.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.620%	
62) 4-Bromofluorobenzene	12.414	95	105840	49.483	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	58445	43.954	ug/l	100
3) Chloromethane	2.080	50	34702	49.565	ug/l	94
4) Vinyl Chloride	2.214	62	38555	49.537	ug/l	100
5) Bromomethane	2.611	94	27333	49.307	ug/l	91
6) Chloroethane	2.751	64	24122	50.254	ug/l	98
7) Trichlorofluoromethane	3.074	101	111667	46.747	ug/l	97
8) Diethyl Ether	3.470	74	34590	46.305	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.836	101	74575	46.230	ug/l	99
10) Methyl Iodide	4.025	142	83427	48.259	ug/l	99
11) Tert butyl alcohol	4.879	59	20805	178.788	ug/l	99
12) 1,1-Dichloroethene	3.812	96	66799	47.277	ug/l	96
13) Acrolein	3.665	56	4698	143.761	ug/l	89
14) Allyl chloride	4.403	41	96533	47.356	ug/l	98
15) Acrylonitrile	5.080	53	70145	220.944	ug/l	99
16) Acetone	3.885	43	48493	221.438	ug/l	98
17) Carbon Disulfide	4.129	76	155790	50.826	ug/l	97
18) Methyl Acetate	4.403	43	32670	44.183	ug/l	100
19) Methyl tert-butyl Ether	5.135	73	174872	43.855	ug/l	100
20) Methylene Chloride	4.635	84	71250	47.111	ug/l	99
21) trans-1,2-Dichloroethene	5.135	96	72895	46.849	ug/l	95
22) Diisopropyl ether	6.037	45	203876	46.951	ug/l	99
23) Vinyl Acetate	5.982	43	548922	229.269	ug/l	99
24) 1,1-Dichloroethane	5.939	63	135717	47.372	ug/l	99
25) 2-Butanone	6.909	43	76954	213.921	ug/l	94
26) 2,2-Dichloropropane	6.903	77	136039	45.735	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	92340	47.036	ug/l	100
28) Bromochloromethane	7.262	49	42778	55.336	ug/l	100
29) Tetrahydrofuran	7.281	42	49285	214.473	ug/l	99
30) Chloroform	7.433	83	149042	45.619	ug/l	99
31) Cyclohexane	7.713	56	101424	45.261	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	145176	45.555	ug/l	100
36) 1,1-Dichloropropene	7.848	75	99557	46.977	ug/l	99
37) Ethyl Acetate	6.994	43	35757	42.399	ug/l	97
38) Carbon Tetrachloride	7.835	117	136229	46.179	ug/l	98
39) Methylcyclohexane	9.122	83	123883	47.637	ug/l	100
40) Benzene	8.091	78	310368	47.718	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	21008	43.496	ug/l #	92
42) 1,2-Dichloroethane	8.171	62	80635	45.396	ug/l	98
43) Isopropyl Acetate	8.207	43	75339	43.920	ug/l	99
44) Trichloroethene	8.878	130	86435	47.670	ug/l	99
45) 1,2-Dichloropropane	9.152	63	69741	47.297	ug/l	97
46) Dibromomethane	9.244	93	38979	46.035	ug/l	98
47) Bromodichloromethane	9.433	83	111821	46.112	ug/l	98
48) Methyl methacrylate	9.231	41	34219	44.497	ug/l	98
49) 1,4-Dioxane	9.244	88	8075	898.217	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	182892	213.417	ug/l	99
52) Toluene	10.182	92	206000	47.828	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	100423	46.561	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	118097	47.147	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	53557	44.274	ug/l	96
56) Ethyl methacrylate	10.451	69	70100	45.886	ug/l	98
57) 1,3-Dichloropropane	10.725	76	90209	45.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	155145	255.992	ug/l	100
59) 2-Hexanone	10.768	43	119712	217.743	ug/l	99
60) Dibromochloromethane	10.920	129	79538	45.336	ug/l	100
61) 1,2-Dibromoethane	11.024	107	48429	44.594	ug/l	98
64) Tetrachloroethene	10.658	164	75390	46.173	ug/l	97
65) Chlorobenzene	11.451	112	229434	46.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	84905	45.422	ug/l	99
67) Ethyl Benzene	11.530	91	403408	47.453	ug/l	100
68) m/p-Xylenes	11.640	106	309056	94.424	ug/l	99
69) o-Xylene	11.963	106	145929	47.023	ug/l	99
70) Styrene	11.981	104	244202	46.746	ug/l	100
71) Bromoform	12.139	173	46295	43.566	ug/l #	100
73) Isopropylbenzene	12.267	105	403944	48.061	ug/l	100
74) N-amyl acetate	12.078	43	63469	46.166	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.517	83	55510	43.576	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	74874	80.771	ug/l #	100
77) Bromobenzene	12.542	156	90872	46.895	ug/l	99
78) n-propylbenzene	12.609	91	461451	48.371	ug/l	100
79) 2-Chlorotoluene	12.688	91	261185	47.543	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	326109	47.877	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	19709	44.830	ug/l	98
82) 4-Chlorotoluene	12.786	91	269161	47.476	ug/l	98
83) tert-Butylbenzene	13.005	119	311399	48.881	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	318408	47.870	ug/l	100
85) sec-Butylbenzene	13.188	105	429395	48.255	ug/l	100
86) p-Isopropyltoluene	13.304	119	366143	48.234	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	176315	46.828	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	170706	46.059	ug/l	99
89) n-Butylbenzene	13.627	91	321237	48.779	ug/l	100
90) Hexachloroethane	13.889	117	70157	46.027	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	150893	45.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	8781	42.632	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	92546	48.848	ug/l	99
94) Hexachlorobutadiene	15.035	225	65597	49.113	ug/l	98
95) Naphthalene	15.157	128	145113	46.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	75741	47.718	ug/l	99

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QLast Update : Tue Jan 07 01:31:46 2025
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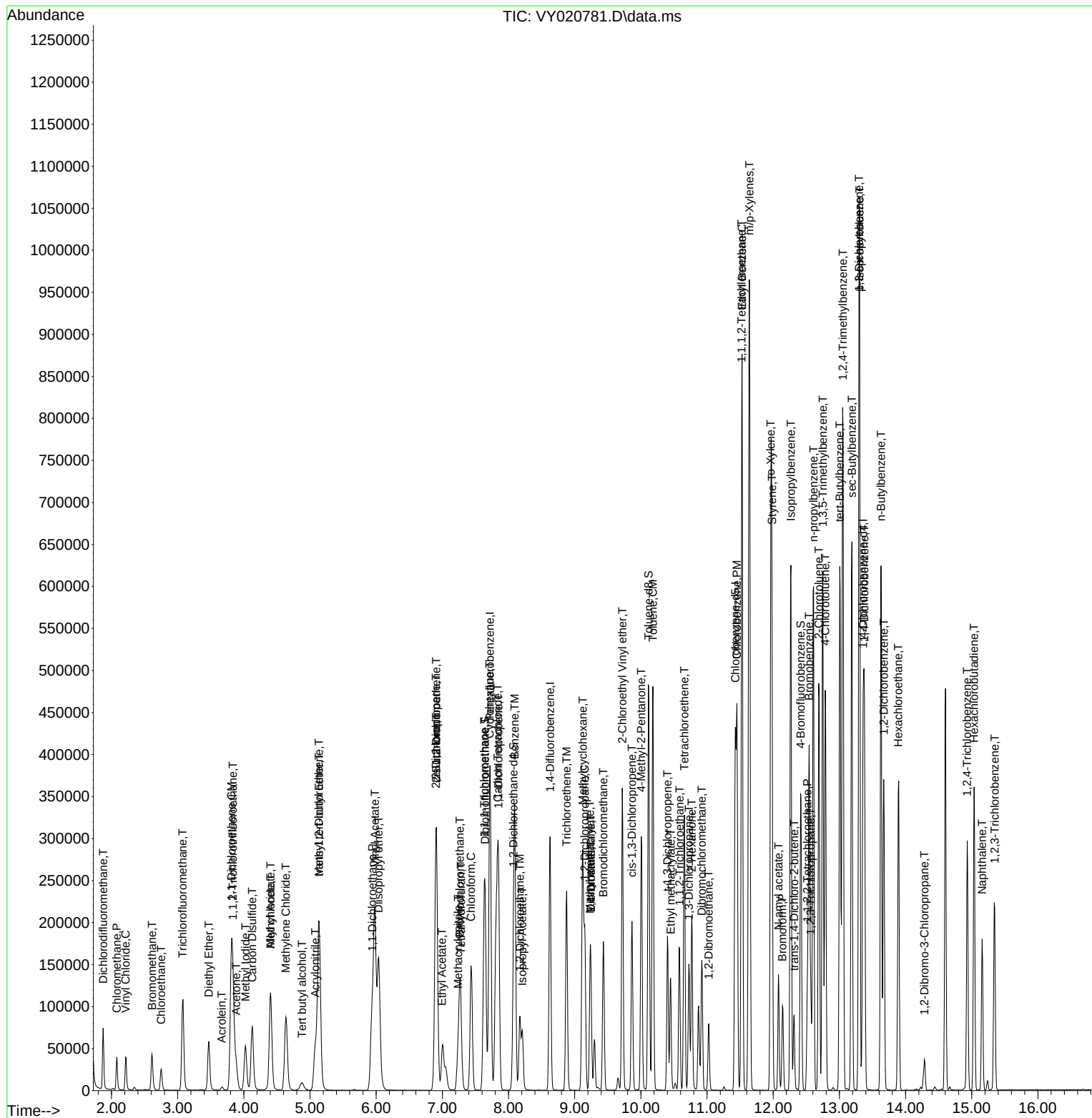
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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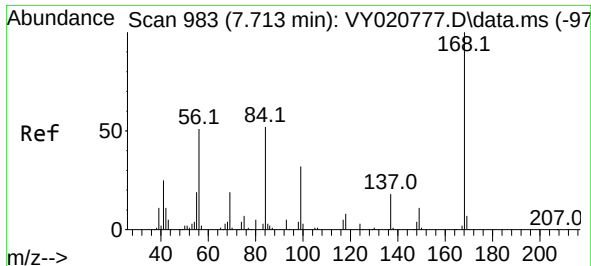
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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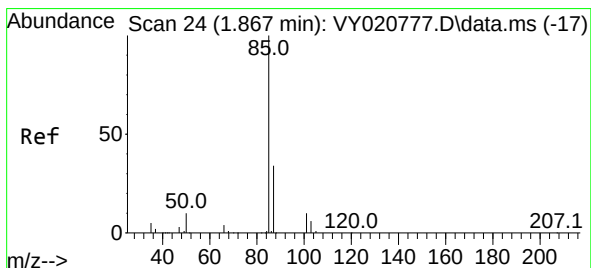
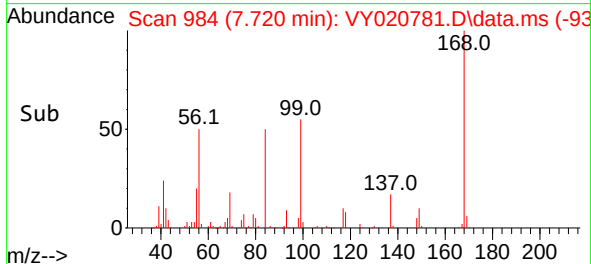
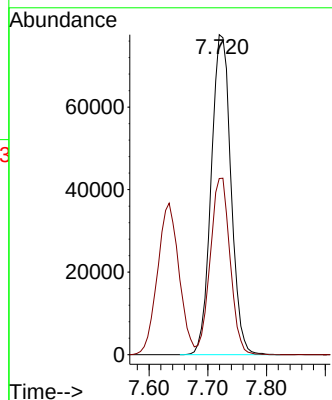
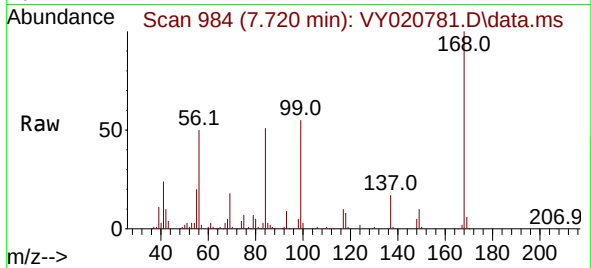




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 9
Delta R.T. 0.007 min
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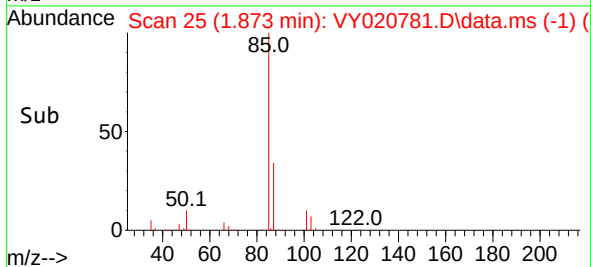
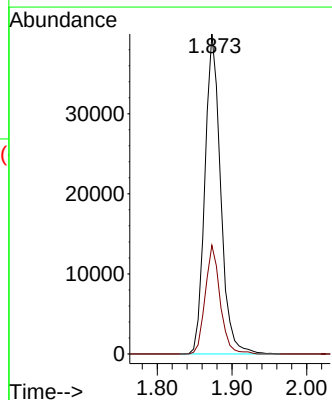
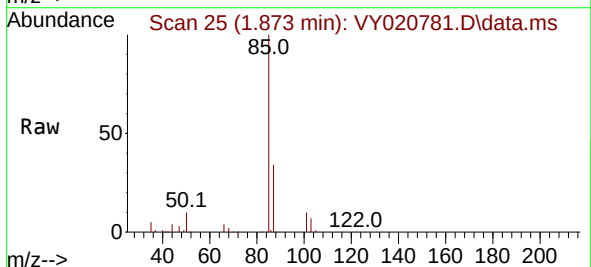
Instrument :
MSVOA_Y
ClientSampleId :

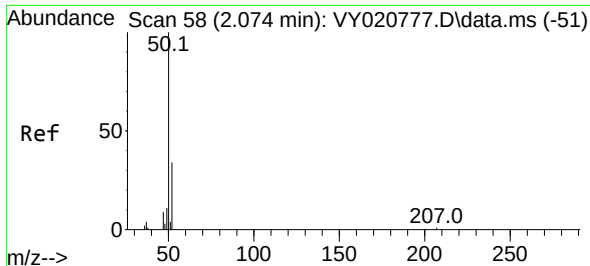
Tgt Ion:168 Resp: 181184
Ion Ratio Lower Upper
168 100
99 55.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.954 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 85 Resp: 58445
Ion Ratio Lower Upper
85 100
87 33.9 16.9 50.6

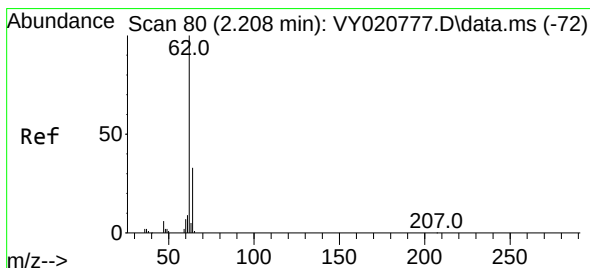
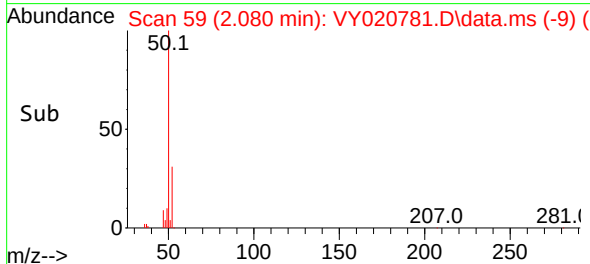
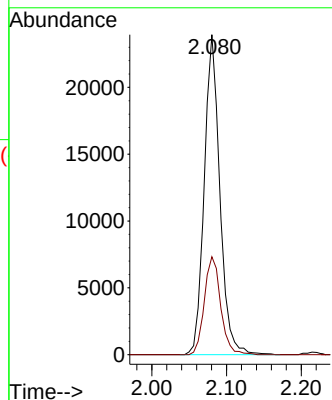
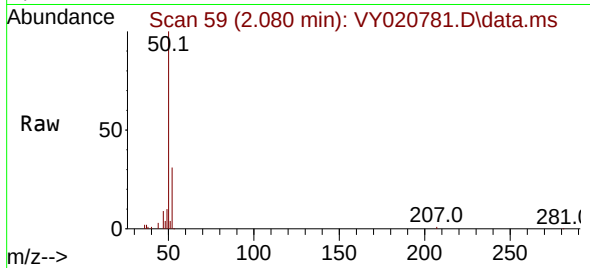




#3
Chloromethane
Concen: 49.565 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

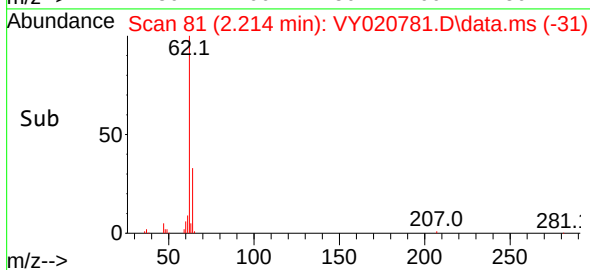
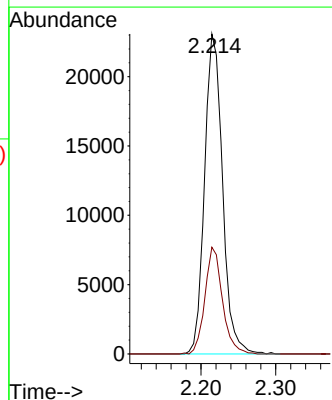
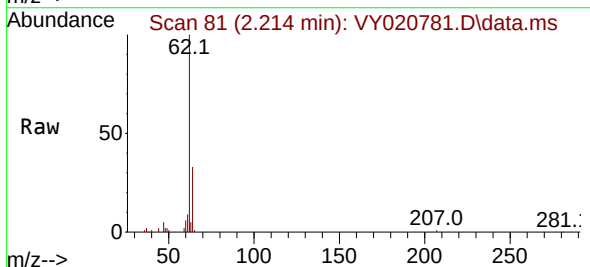
Instrument :
MSVOA_Y
ClientSampleId :

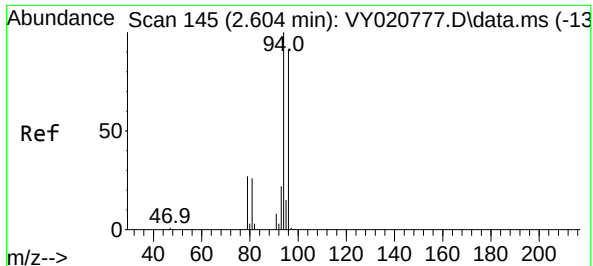
Tgt Ion: 50 Resp: 34702
Ion Ratio Lower Upper
50 100
52 30.6 27.3 40.9



#4
Vinyl Chloride
Concen: 49.537 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 62 Resp: 38555
Ion Ratio Lower Upper
62 100
64 33.3 26.6 39.8

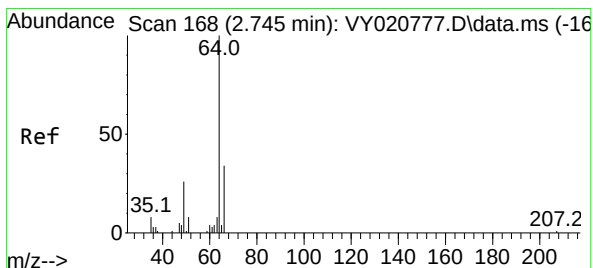
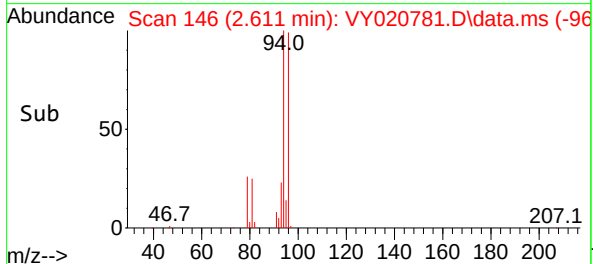
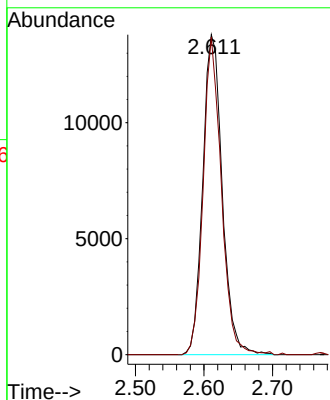
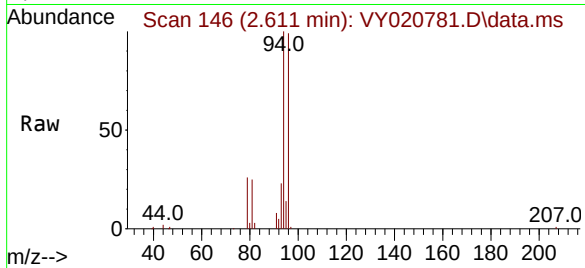




#5
Bromomethane
Concen: 49.307 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

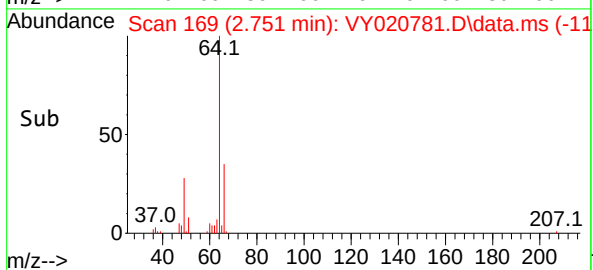
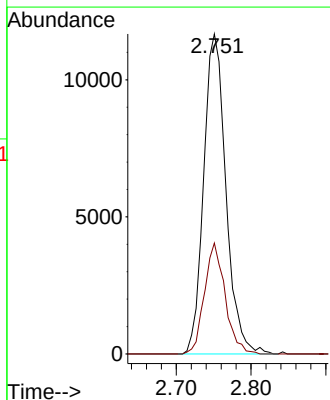
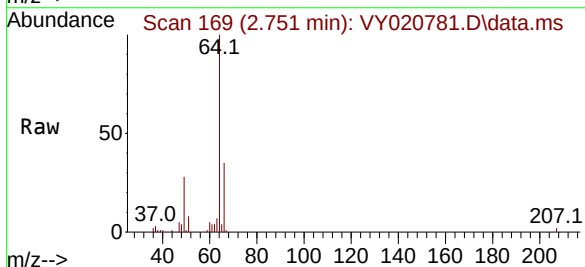
Instrument :
MSVOA_Y
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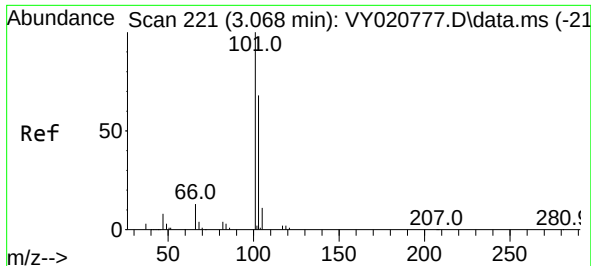
Tgt Ion: 94 Resp: 27333
Ion Ratio Lower Upper
94 100
96 99.3 72.6 109.0



#6
Chloroethane
Concen: 50.254 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 64 Resp: 24122
Ion Ratio Lower Upper
64 100
66 34.6 26.9 40.3

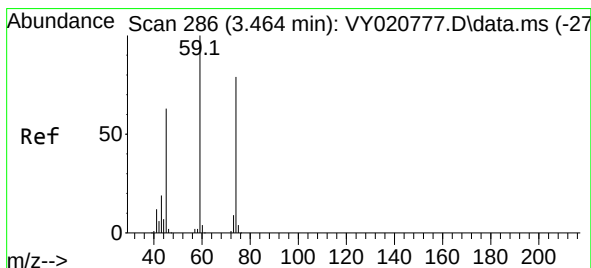
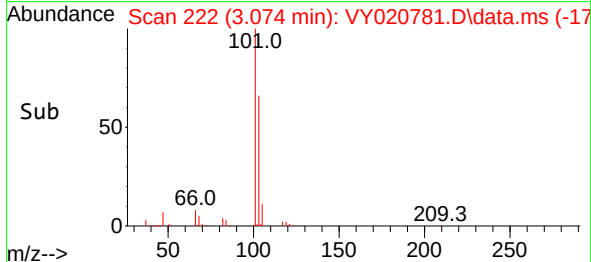
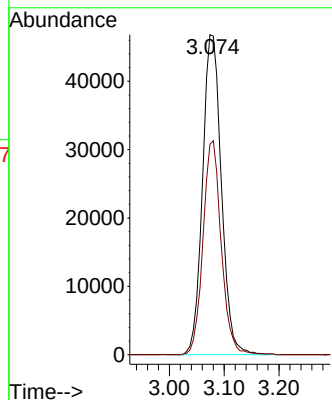
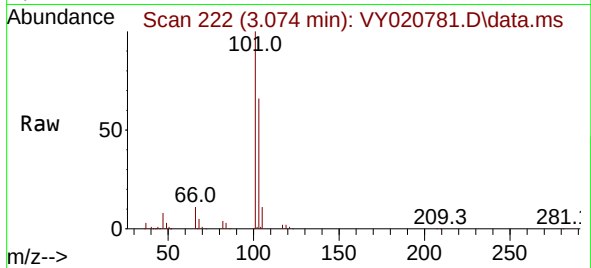




#7
 Trichlorofluoromethane
 Concen: 46.747 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020781.D
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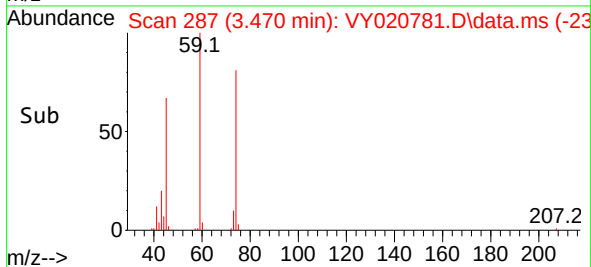
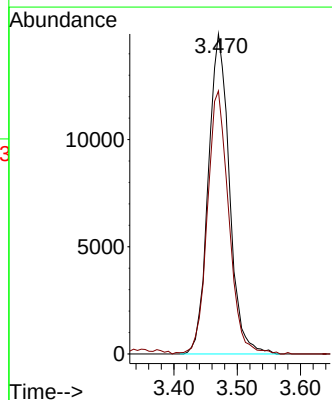
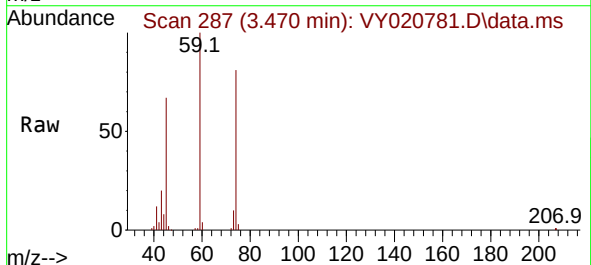
Instrument :
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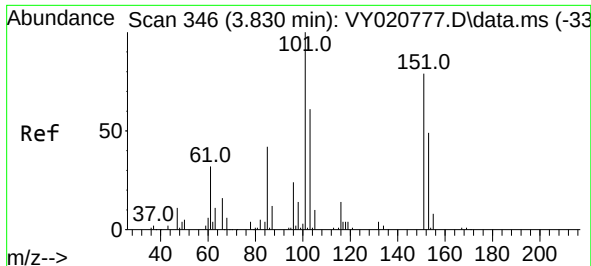
Tgt Ion:101 Resp: 111667
 Ion Ratio Lower Upper
 101 100
 103 65.8 54.6 82.0



#8
 Diethyl Ether
 Concen: 46.305 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY020781.D
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Tgt Ion: 74 Resp: 34590
 Ion Ratio Lower Upper
 74 100
 45 83.3 41.3 124.1

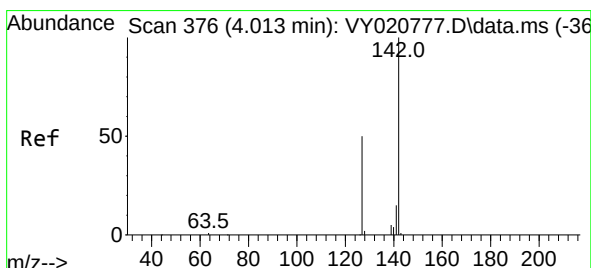
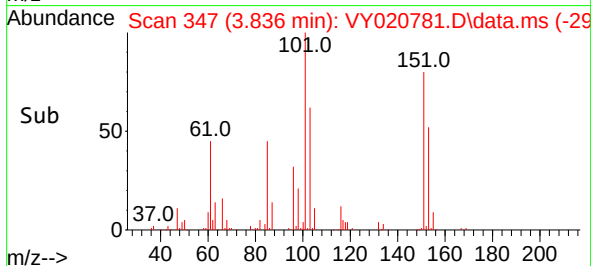
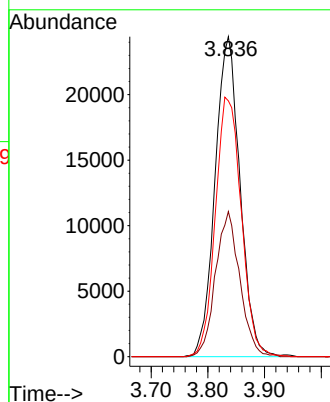
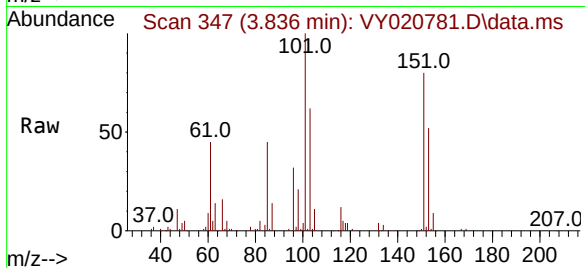




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.230 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

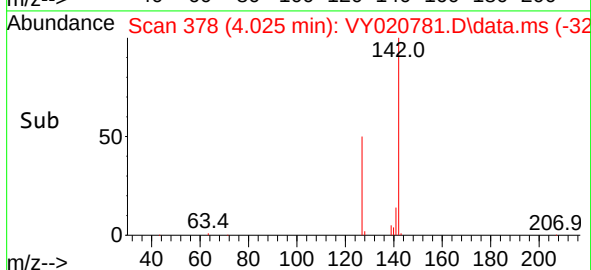
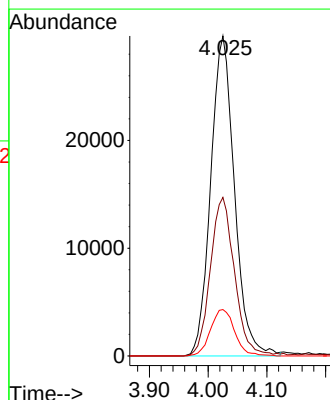
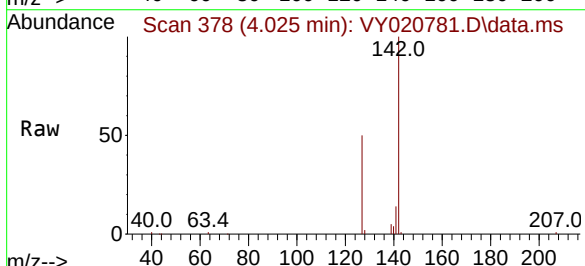
Instrument :
MSVOA_Y
ClientSampleId :

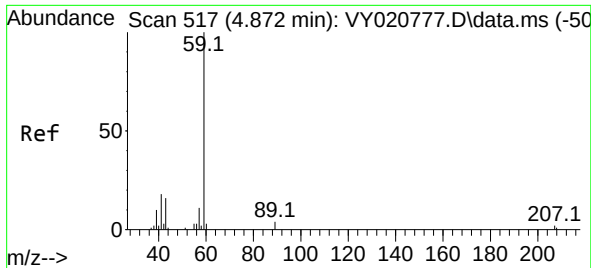
Tgt Ion:101 Resp: 74575
Ion Ratio Lower Upper
101 100
85 44.2 35.9 53.9
151 84.3 66.9 100.3



#10
Methyl Iodide
Concen: 48.259 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

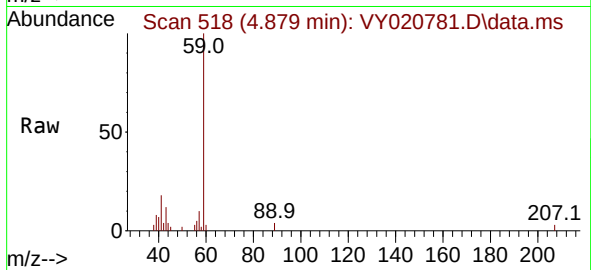
Tgt Ion:142 Resp: 83427
Ion Ratio Lower Upper
142 100
127 50.5 41.0 61.6
141 14.8 11.6 17.4



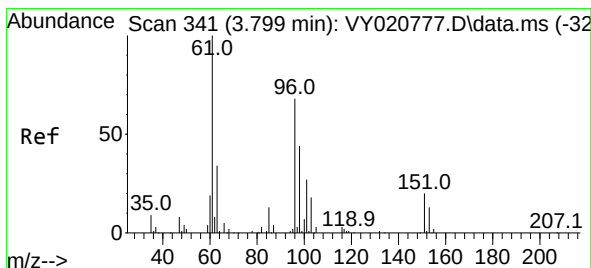
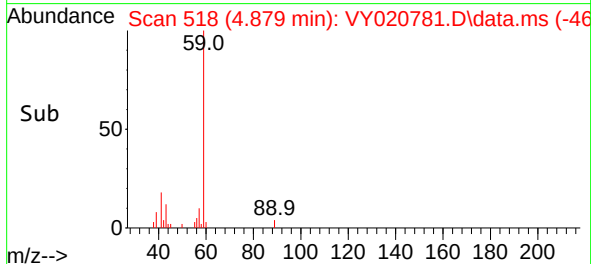
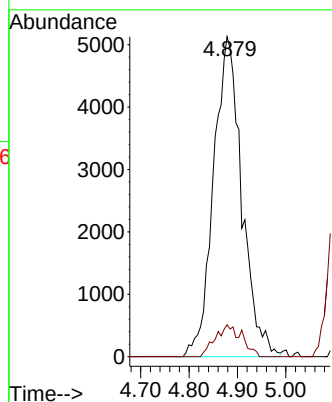


#11
Tert butyl alcohol
Concen: 178.788 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :

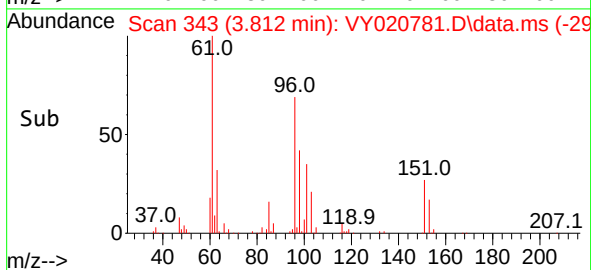
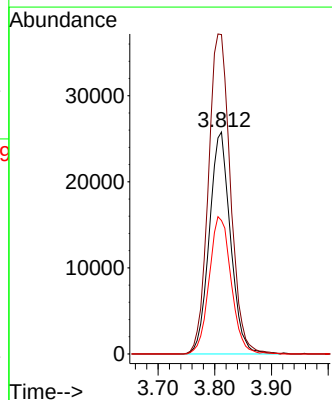
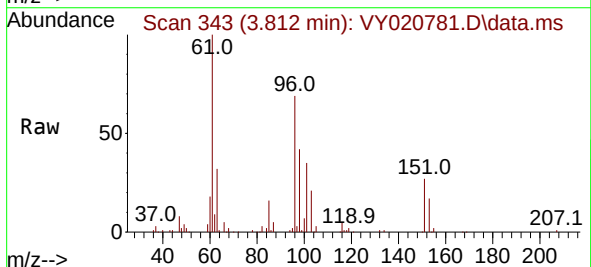


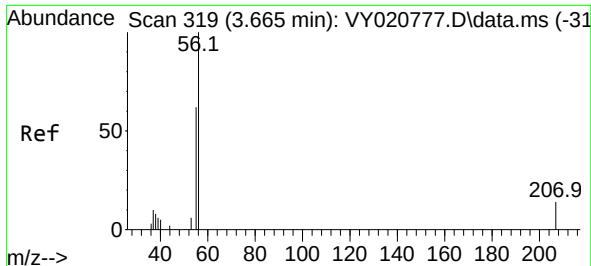
Tgt Ion: 59 Resp: 20805
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.277 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

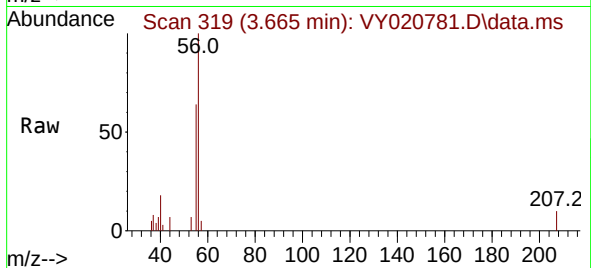
Tgt Ion: 96 Resp: 66799
Ion Ratio Lower Upper
96 100
61 143.9 117.8 176.8
98 60.2 51.9 77.9



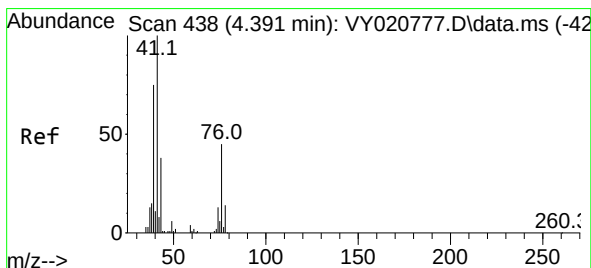
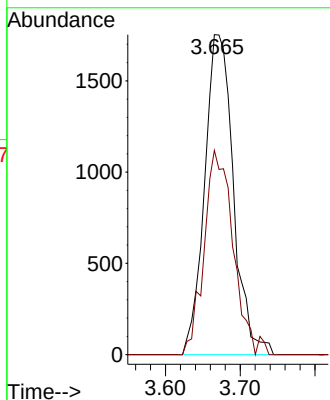
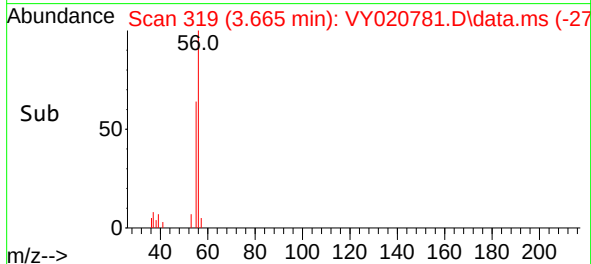


#13
Acrolein
Concen: 143.761 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

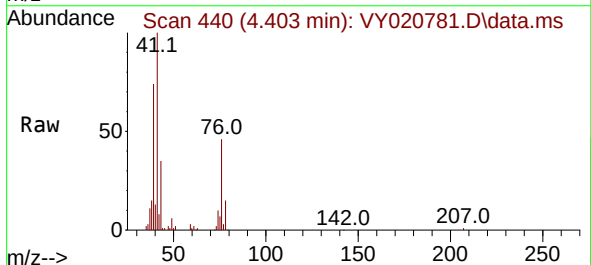
Instrument :
MSVOA_Y
ClientSampleId :



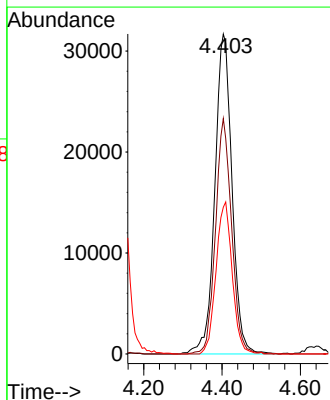
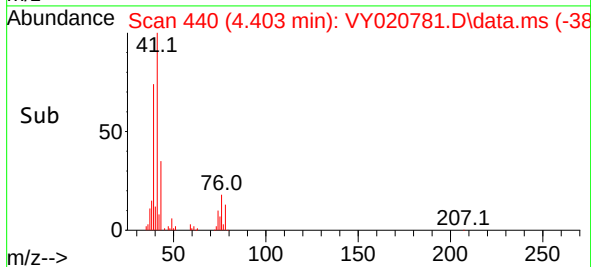
Tgt Ion: 56 Resp: 4698
Ion Ratio Lower Upper
56 100
55 63.1 58.1 87.1

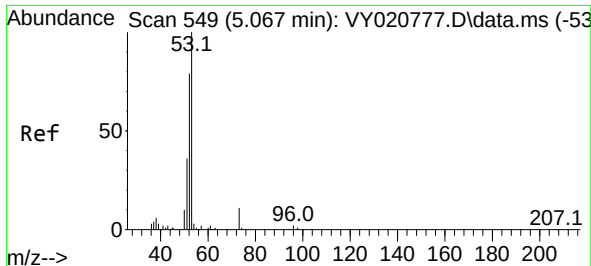


#14
Allyl chloride
Concen: 47.356 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27



Tgt Ion: 41 Resp: 96533
Ion Ratio Lower Upper
41 100
39 69.1 57.5 86.3
76 44.9 35.6 53.4

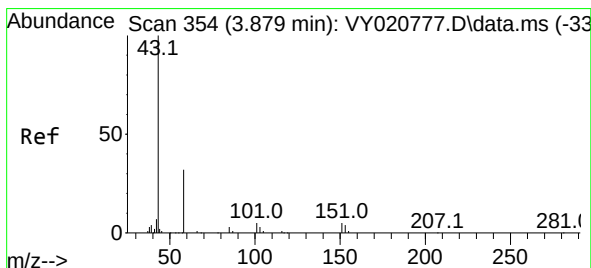
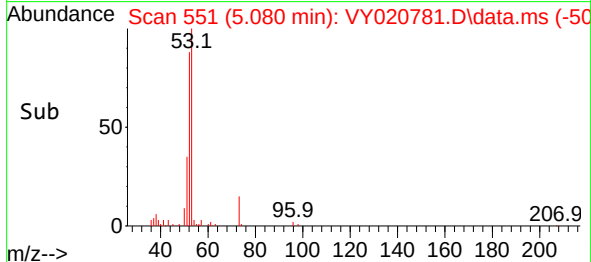
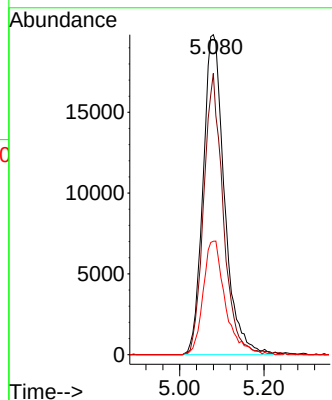
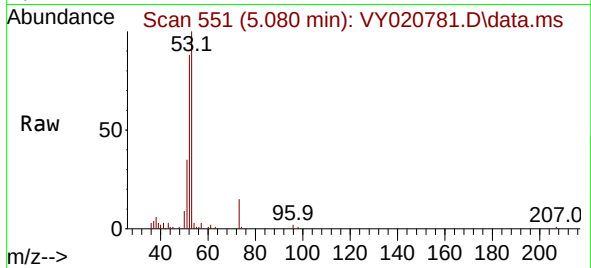




#15
Acrylonitrile
Concen: 220.944 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

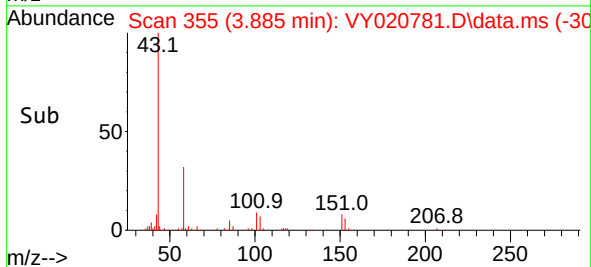
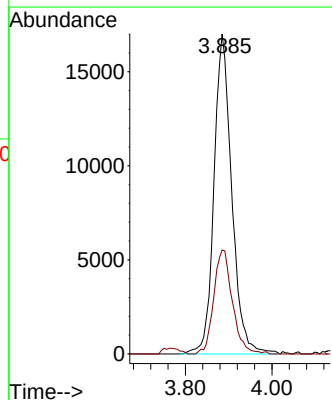
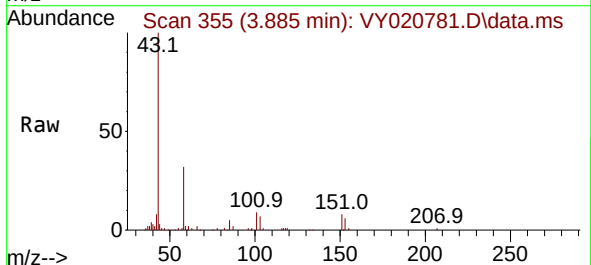
Instrument :
MSVOA_Y
ClientSampleId :

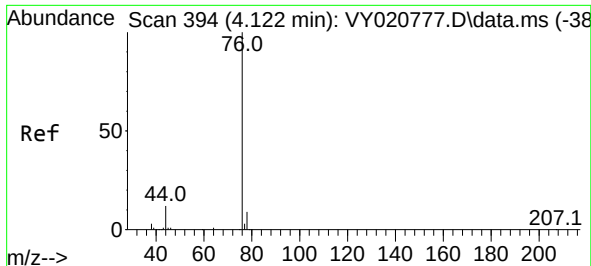
Tgt Ion: 53 Resp: 70145
Ion Ratio Lower Upper
53 100
52 79.5 64.3 96.5
51 36.7 29.3 43.9



#16
Acetone
Concen: 221.438 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 43 Resp: 48493
Ion Ratio Lower Upper
43 100
58 32.5 26.7 40.1

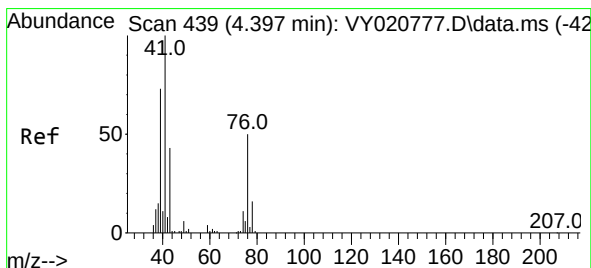
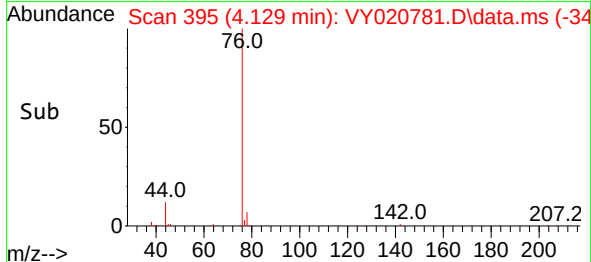
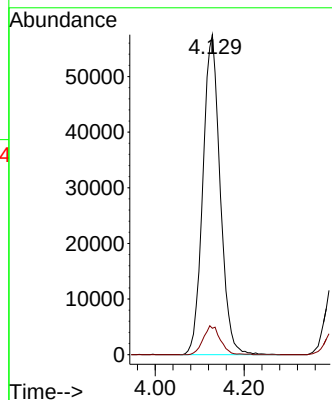
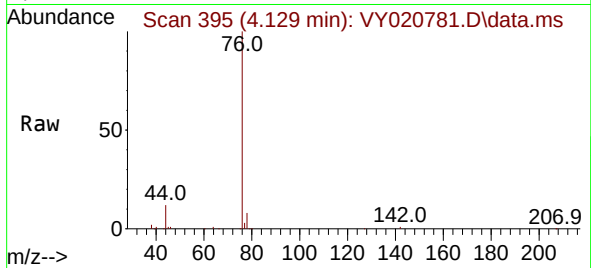




#17
Carbon Disulfide
Concen: 50.826 ug/l
RT: 4.129 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

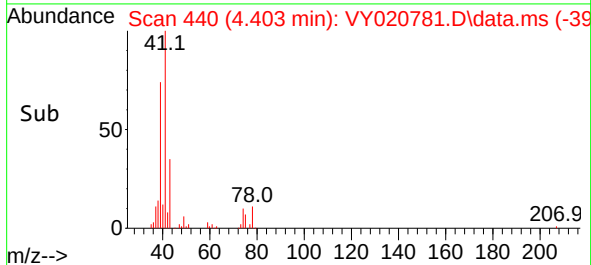
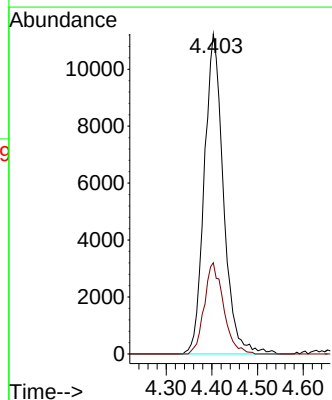
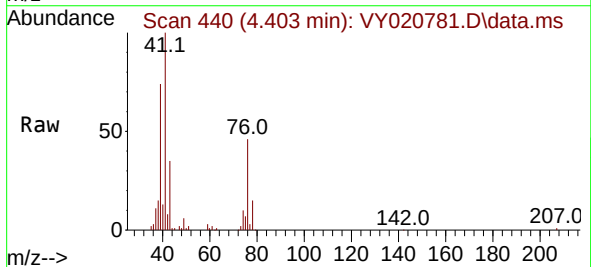
Instrument :
MSVOA_Y
ClientSampleId :

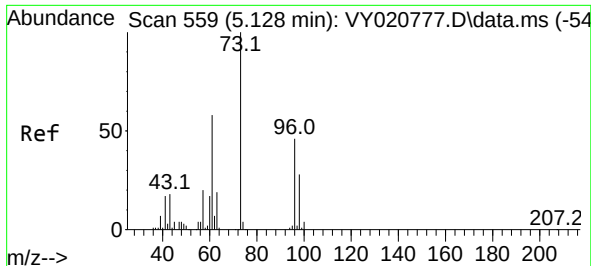
Tgt Ion: 76 Resp: 155790
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 44.183 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

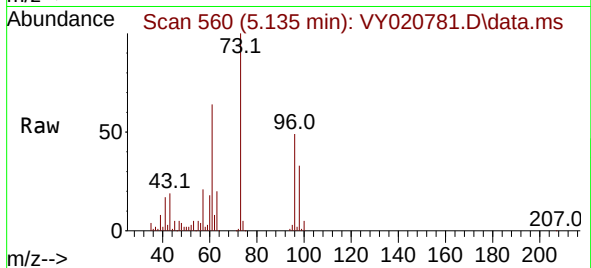
Tgt Ion: 43 Resp: 32670
Ion Ratio Lower Upper
43 100
74 28.5 23.0 34.6



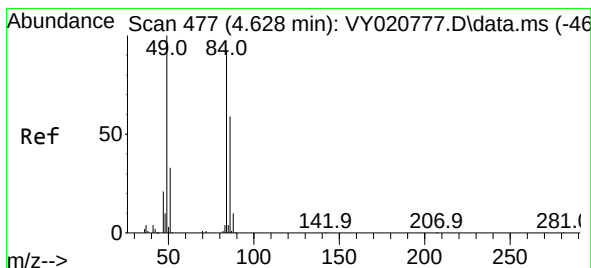
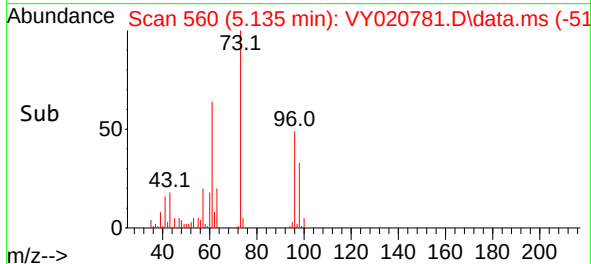
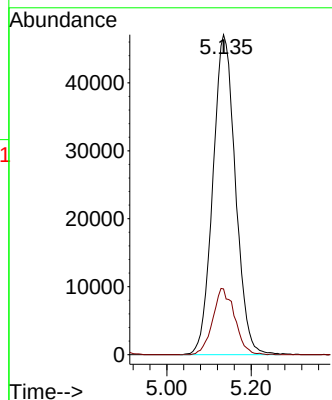


#19
Methyl tert-butyl Ether
Concen: 43.855 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :

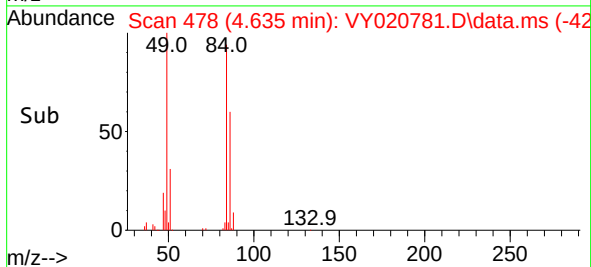
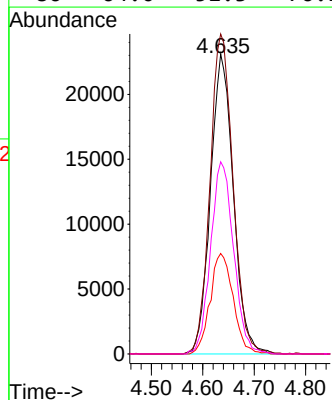
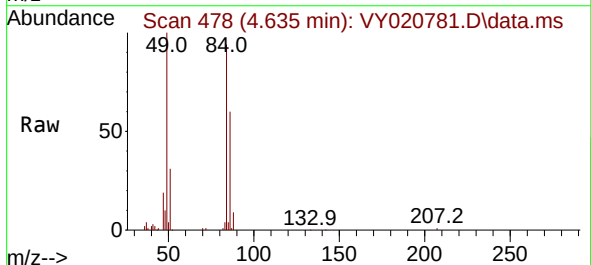


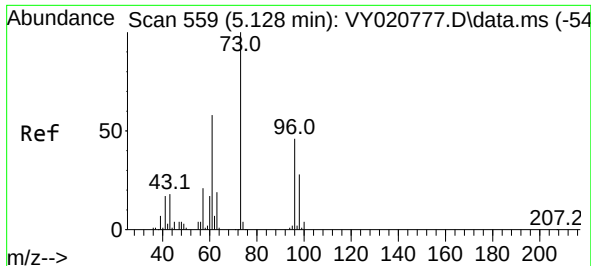
Tgt Ion: 73 Resp: 174872
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 47.111 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

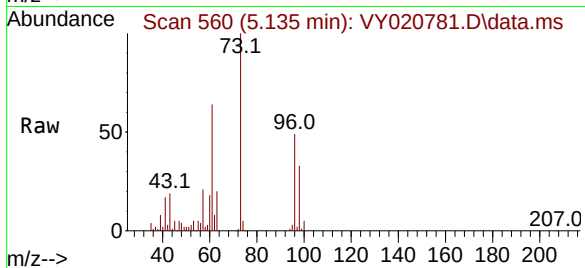
Tgt Ion: 84 Resp: 71250
Ion Ratio Lower Upper
84 100
49 106.6 86.7 130.1
51 33.5 28.4 42.6
86 64.0 51.3 76.9



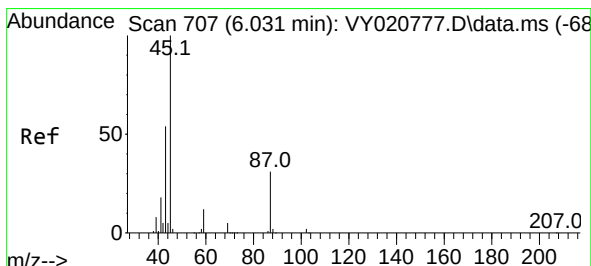
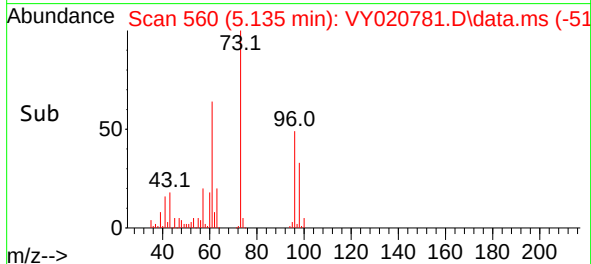
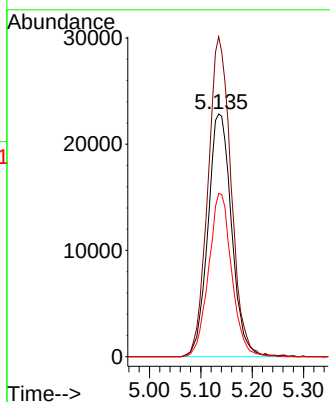


#21
trans-1,2-Dichloroethene
Concen: 46.849 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :

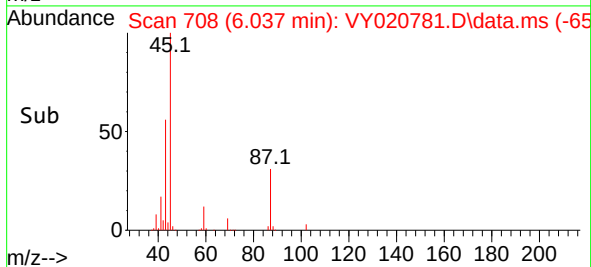
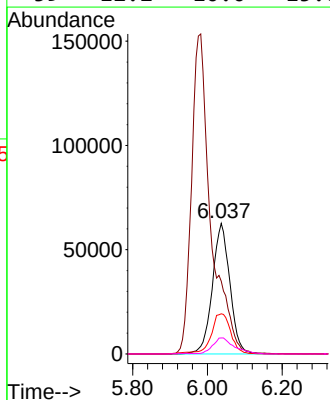
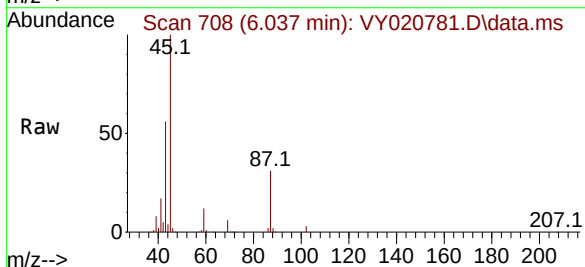


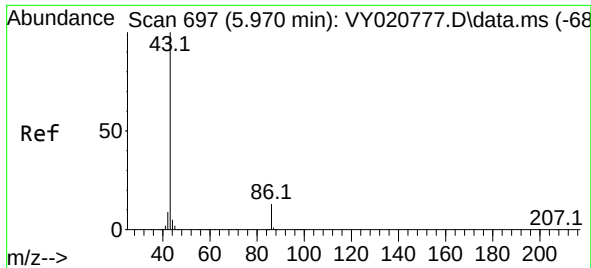
Tgt Ion: 96 Resp: 72895
Ion Ratio Lower Upper
96 100
61 131.8 101.6 152.4
98 67.3 49.4 74.2



#22
Diisopropyl ether
Concen: 46.951 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 45 Resp: 203876
Ion Ratio Lower Upper
45 100
43 55.4 43.9 65.9
87 30.7 25.3 37.9
59 12.2 10.0 15.0

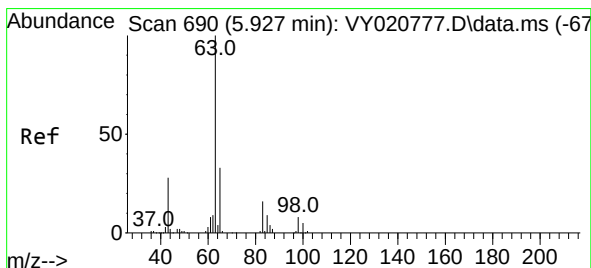
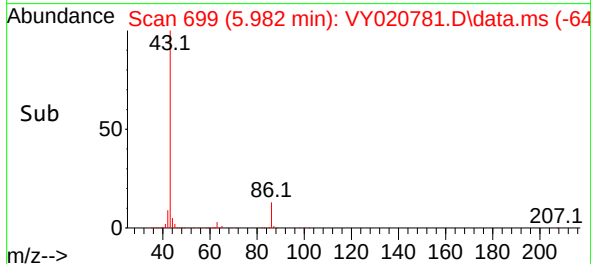
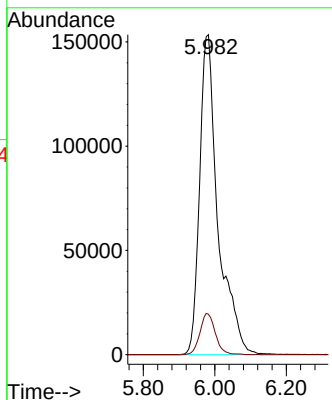
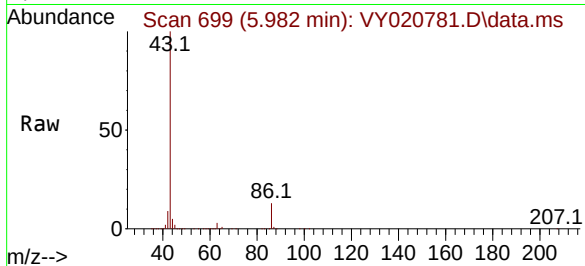




#23
 Vinyl Acetate
 Concen: 229.269 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY020781.D
 Acq: 06 Jan 2025 13:27

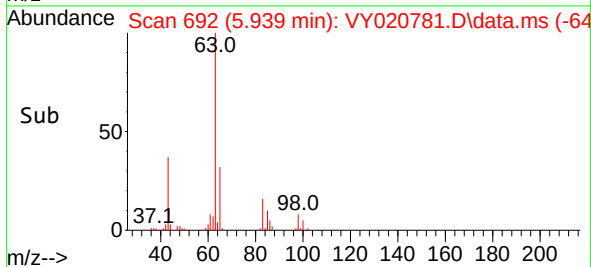
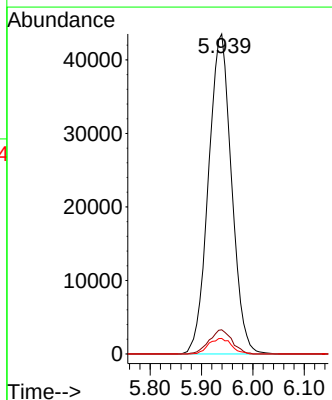
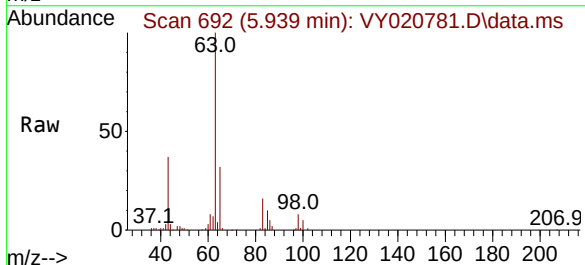
Instrument :
 MSVOA_Y
 ClientSampleId :

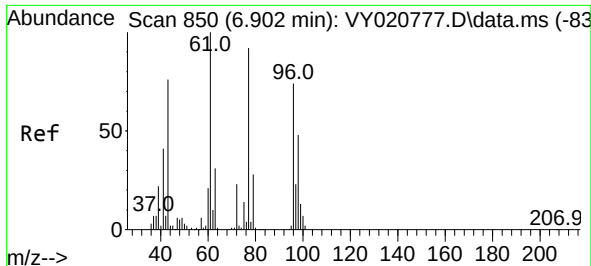
Tgt Ion: 43 Resp: 548922
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 47.372 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020781.D
 Acq: 06 Jan 2025 13:27

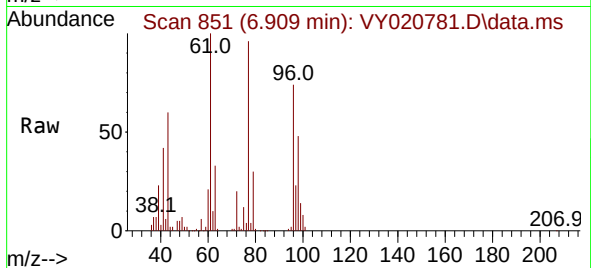
Tgt Ion: 63 Resp: 135717
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.9 2.4 7.2



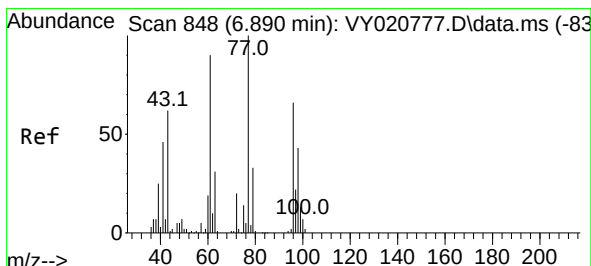
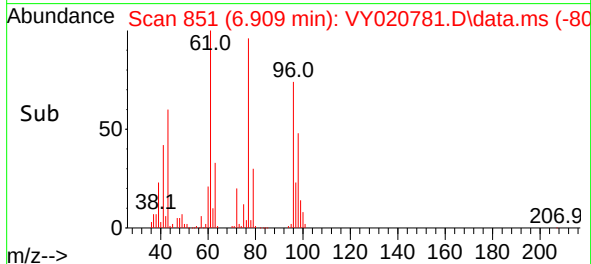
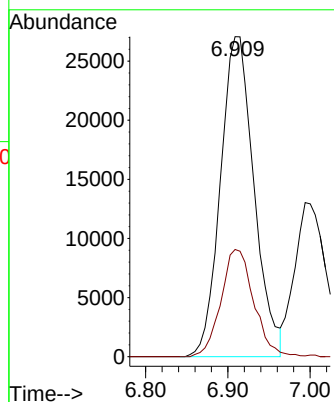


#25
2-Butanone
Concen: 213.921 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :

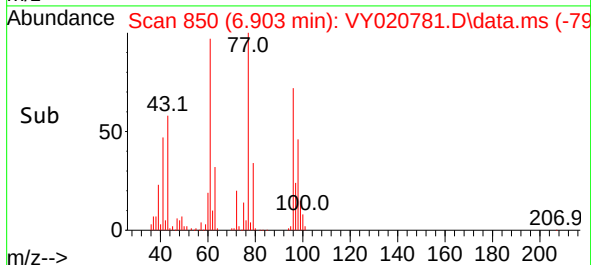
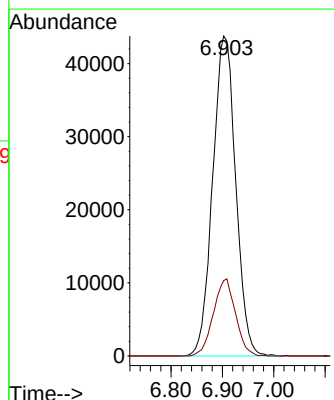
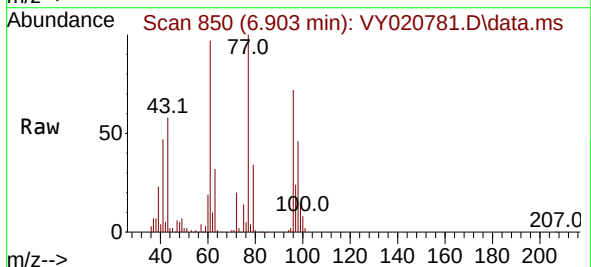


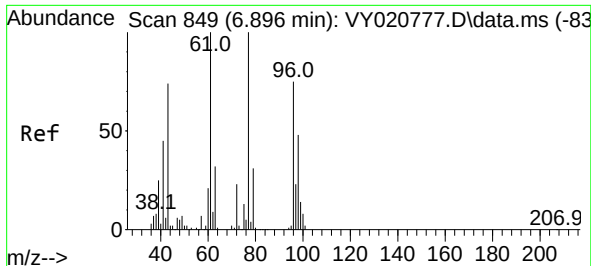
Tgt Ion: 43 Resp: 76954
Ion Ratio Lower Upper
43 100
72 33.5 24.0 36.0



#26
2,2-Dichloropropane
Concen: 45.735 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 77 Resp: 136039
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.036 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.012 min

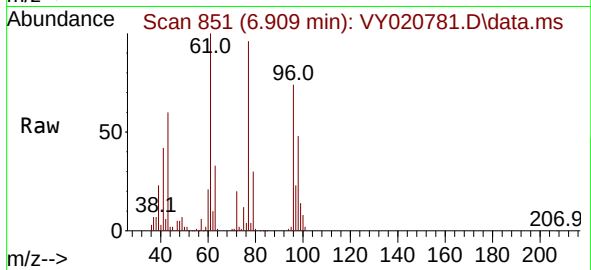
Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

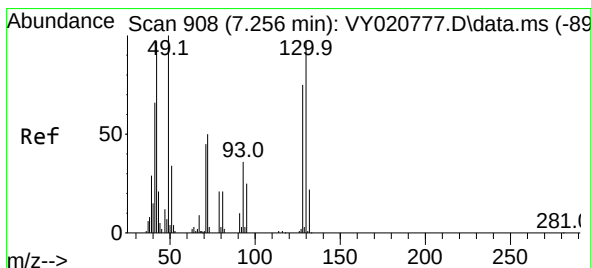
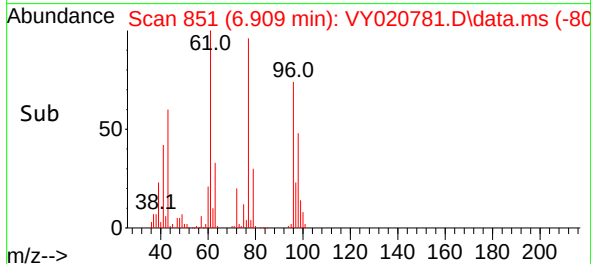
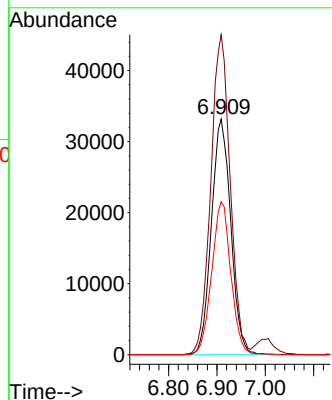
MSVOA_Y

ClientSampleId :



Tgt Ion: 96 Resp: 92340

Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	271.4
98	64.2	0.0	129.0



#28

Bromochloromethane

Concen: 55.336 ug/l

RT: 7.262 min Scan# 909

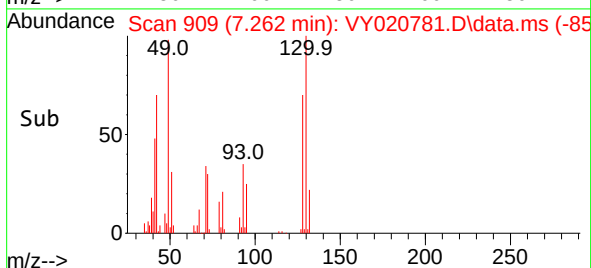
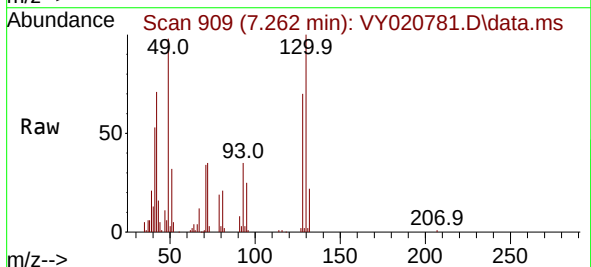
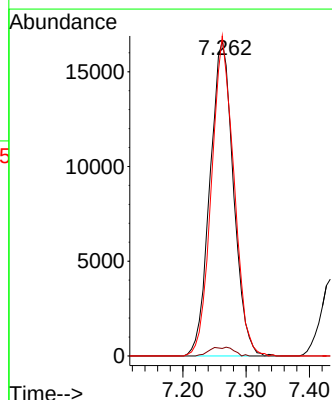
Delta R.T. 0.006 min

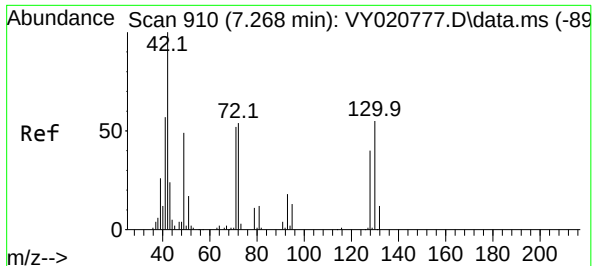
Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Tgt Ion: 49 Resp: 42778

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	96.8	77.8	116.6





#29

Tetrahydrofuran

Concen: 214.473 ug/l

RT: 7.281 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

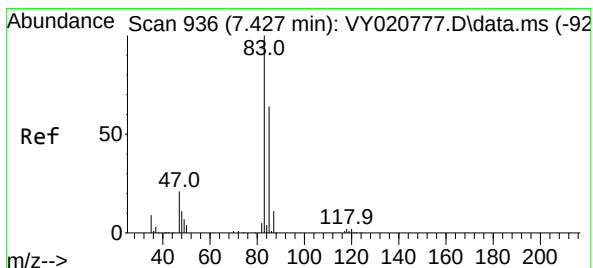
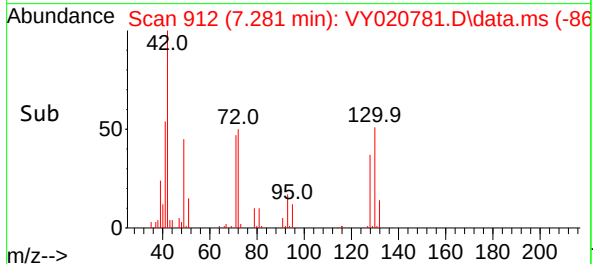
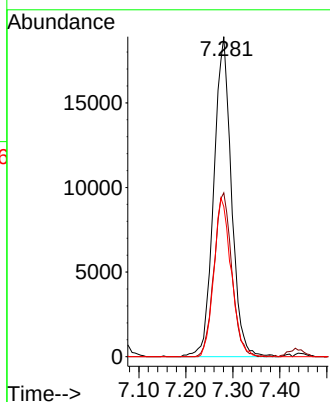
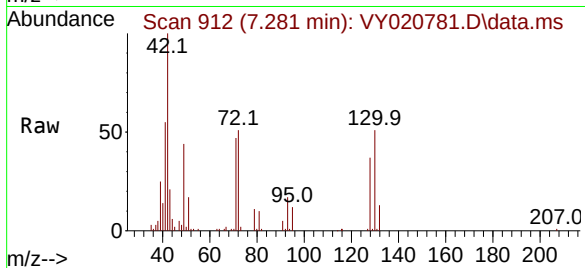
Tgt Ion: 42 Resp: 49285

Ion Ratio Lower Upper

42 100

72 51.5 41.8 62.6

71 48.9 39.8 59.8



#30

Chloroform

Concen: 45.619 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY020781.D

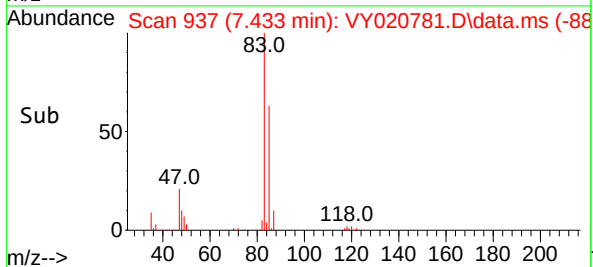
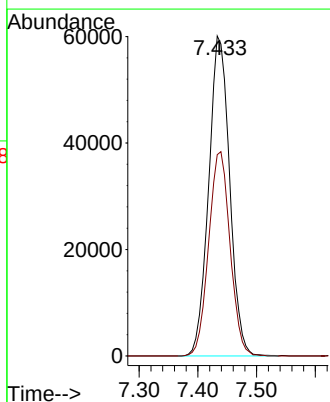
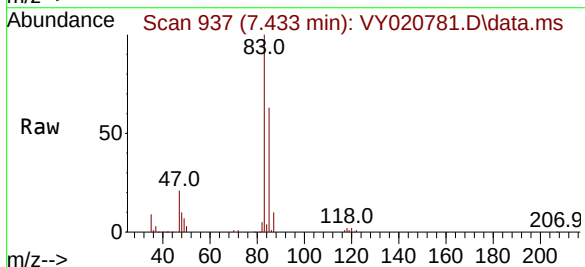
Acq: 06 Jan 2025 13:27

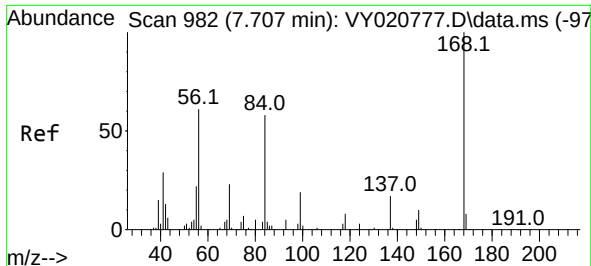
Tgt Ion: 83 Resp: 149042

Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7

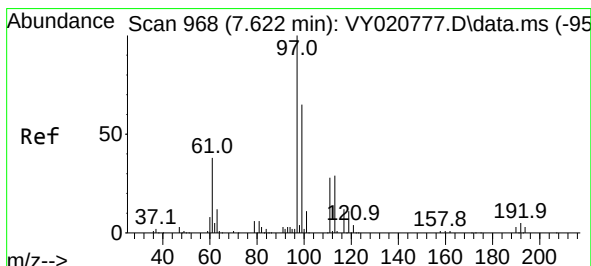
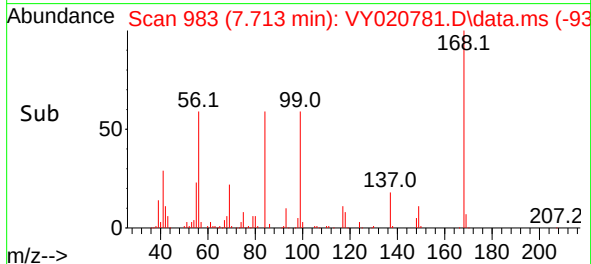
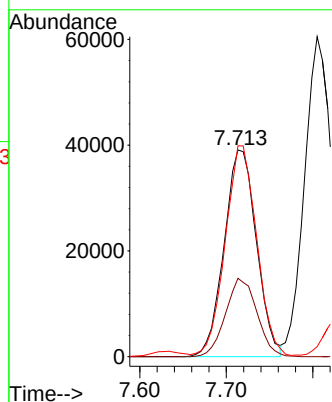
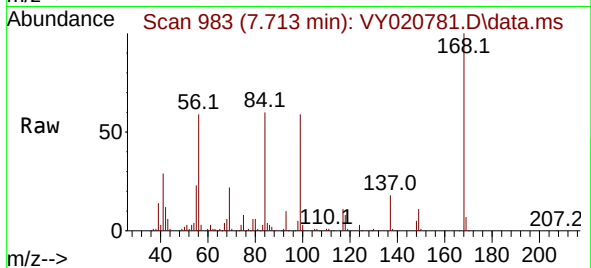




#31
Cyclohexane
Concen: 45.261 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

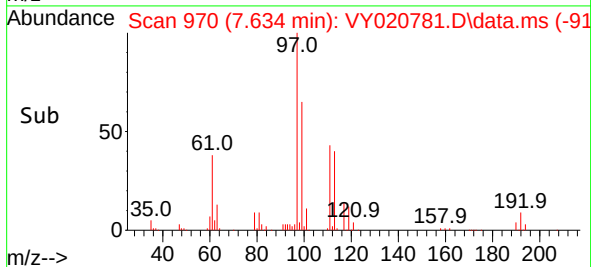
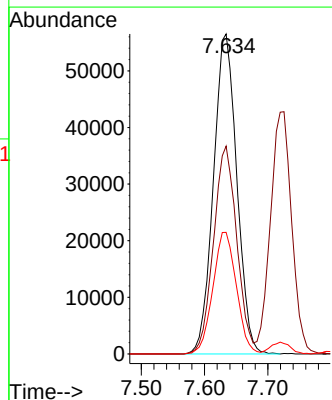
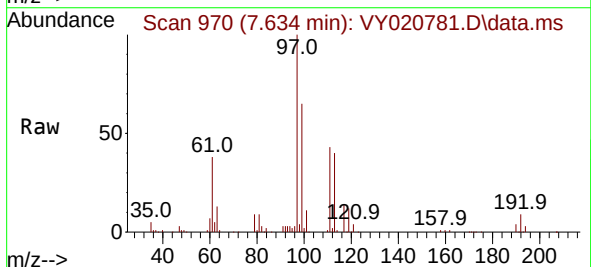
Instrument :
MSVOA_Y
ClientSampleId :

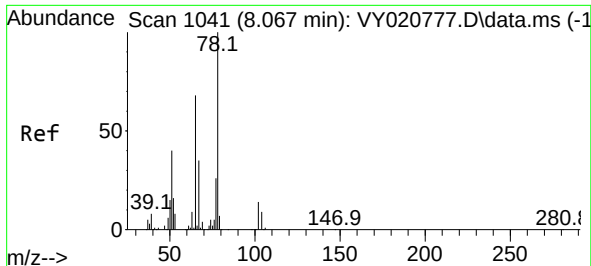
Tgt Ion: 56 Resp: 101424
Ion Ratio Lower Upper
56 100
69 37.9 30.5 45.7
84 100.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 45.555 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 97 Resp: 145176
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

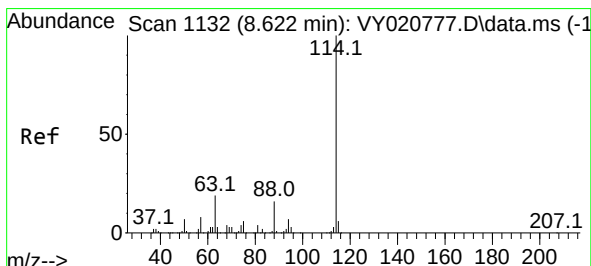
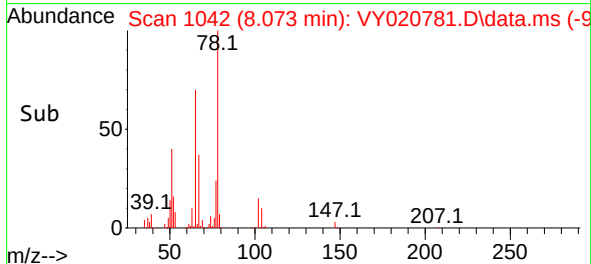
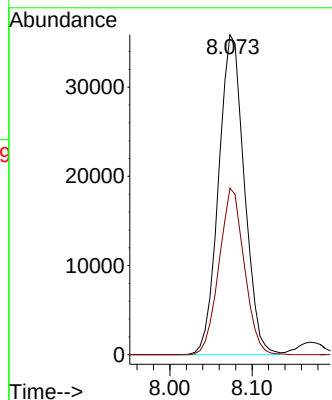
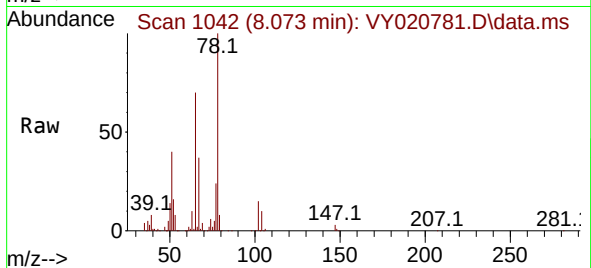
ClientSampleId :

Tgt Ion: 65 Resp: 77964

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

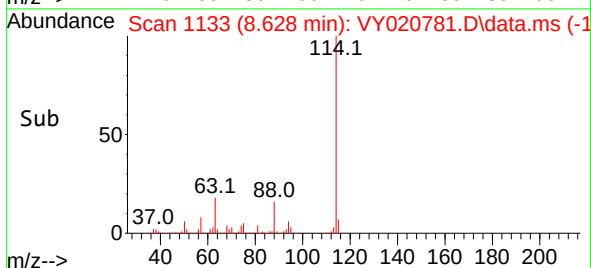
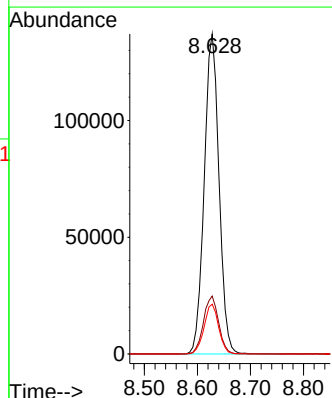
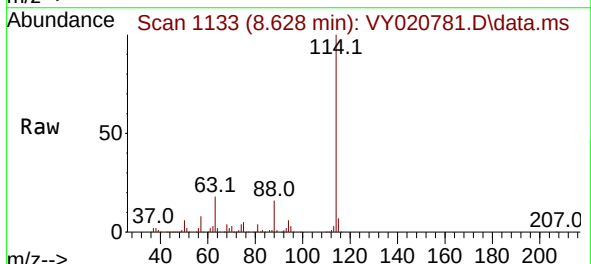
Tgt Ion: 114 Resp: 265209

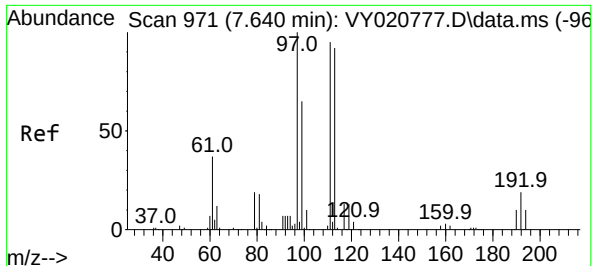
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 15.6 0.0 31.2

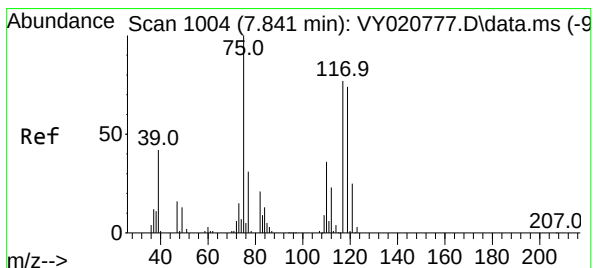
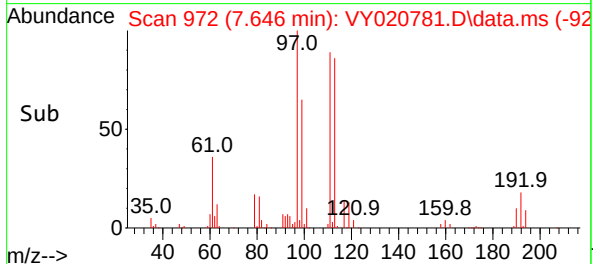
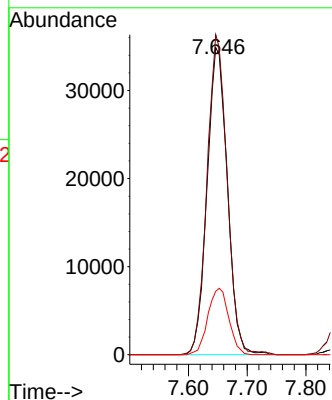
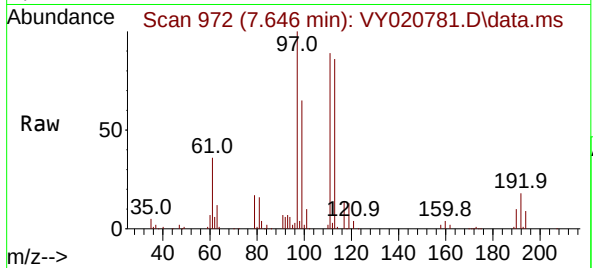




#35
Dibromofluoromethane
Concen: 50.462 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

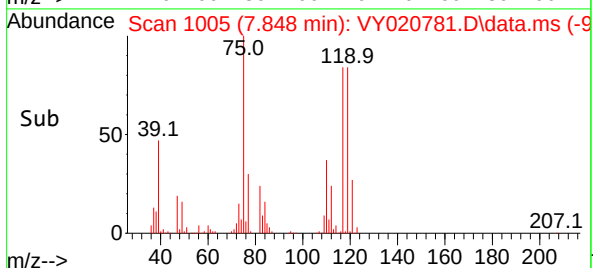
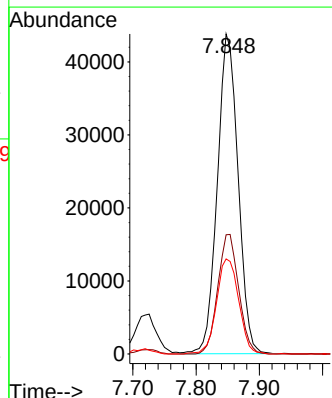
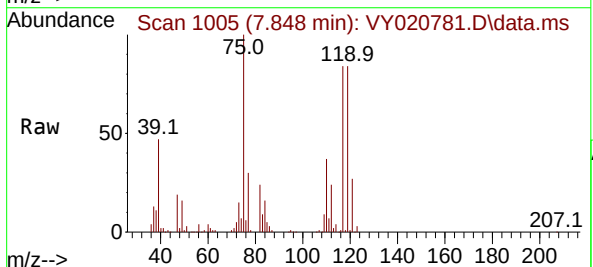
Instrument :
MSVOA_Y
ClientSampleId :

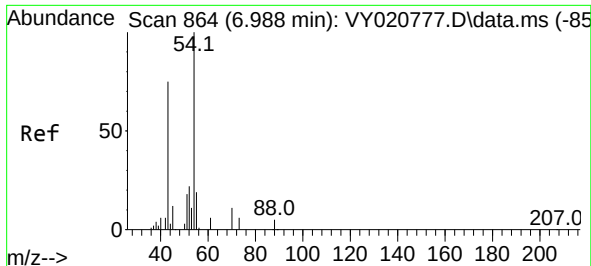
Tgt Ion:113 Resp: 83844
Ion Ratio Lower Upper
113 100
111 102.9 81.7 122.5
192 22.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 46.977 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

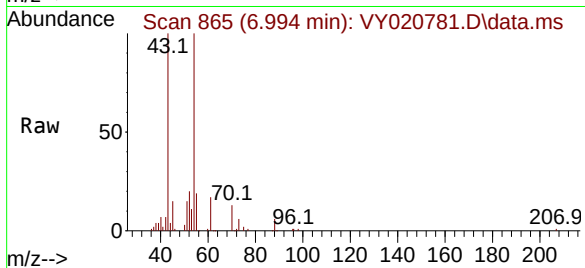
Tgt Ion: 75 Resp: 99557
Ion Ratio Lower Upper
75 100
110 37.6 18.5 55.5
77 31.8 25.0 37.4



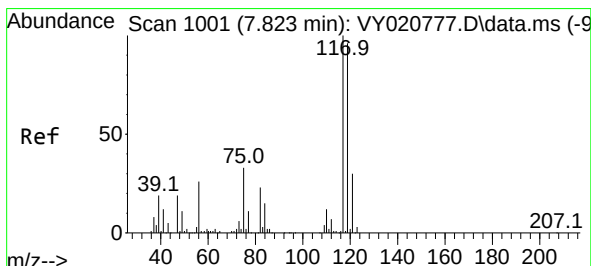
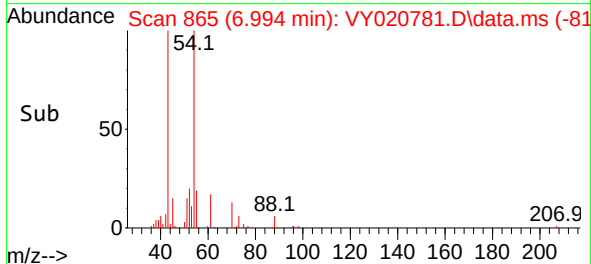
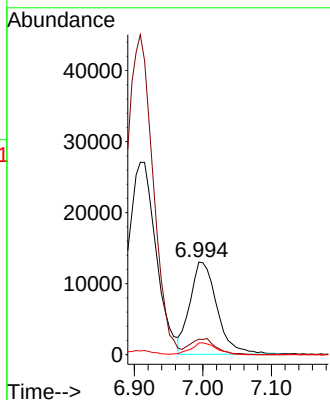


#37
Ethyl Acetate
Concen: 42.399 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :

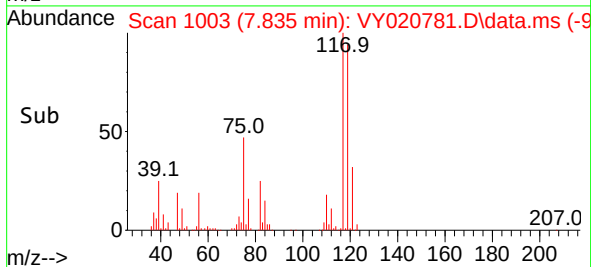
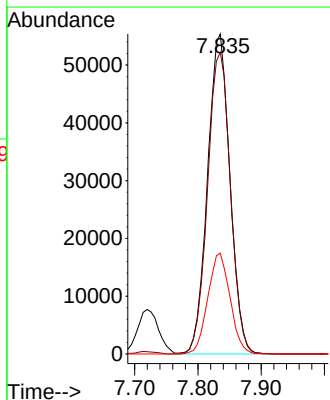
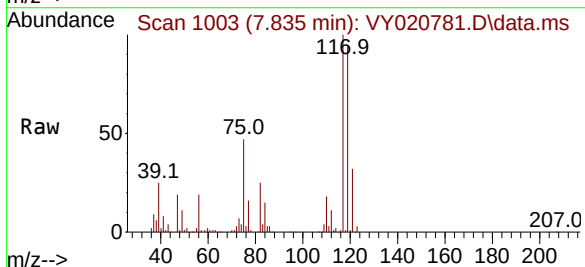


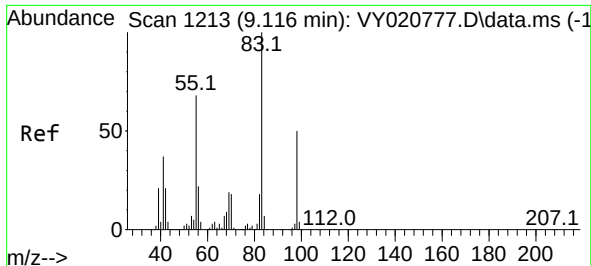
Tgt Ion: 43 Resp: 35757
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.6
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 46.179 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 117 Resp: 136229
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7
121 31.5 24.3 36.5





#39

Methylcyclohexane

Concen: 47.637 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

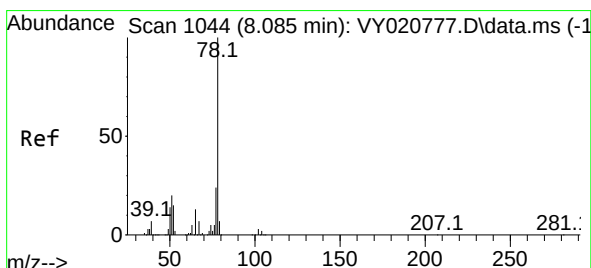
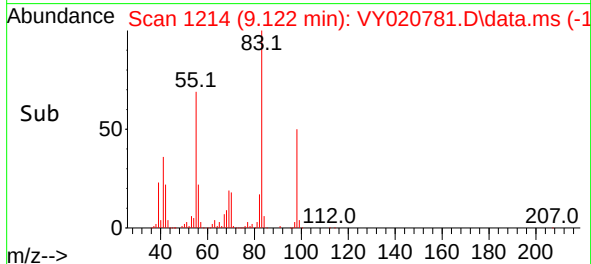
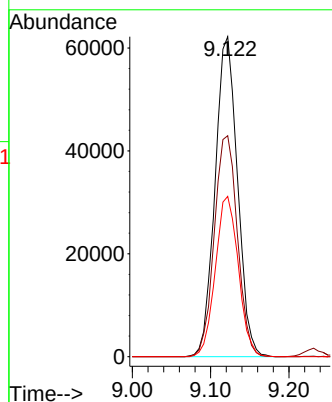
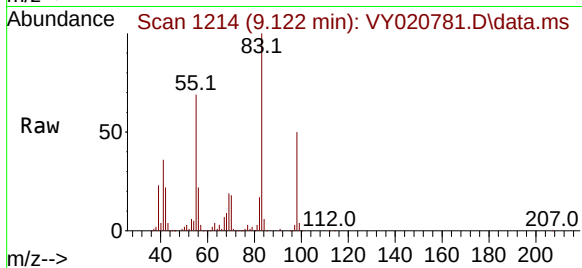
Tgt Ion: 83 Resp: 123883

Ion Ratio Lower Upper

83 100

55 69.0 54.8 82.2

98 50.1 40.0 60.0



#40

Benzene

Concen: 47.718 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY020781.D

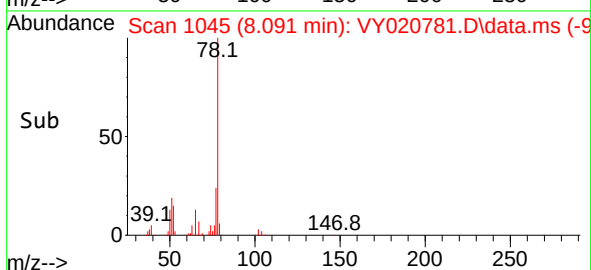
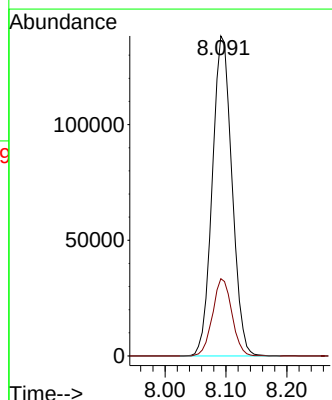
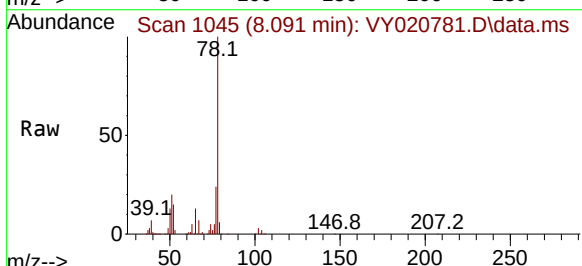
Acq: 06 Jan 2025 13:27

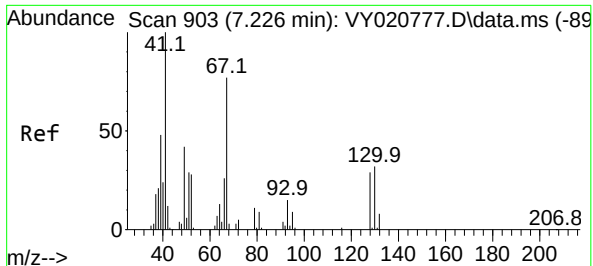
Tgt Ion: 78 Resp: 310368

Ion Ratio Lower Upper

78 100

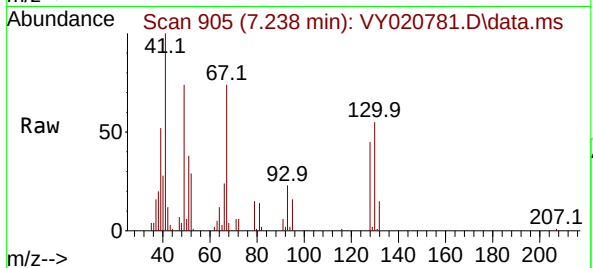
77 24.1 19.4 29.2



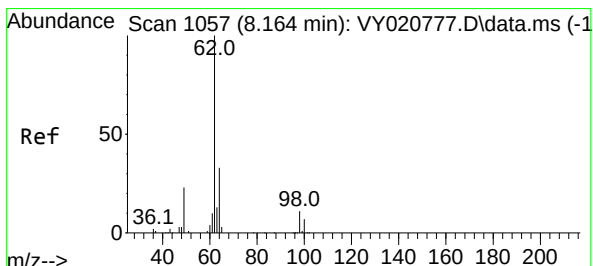
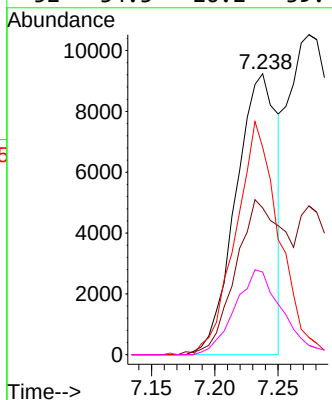
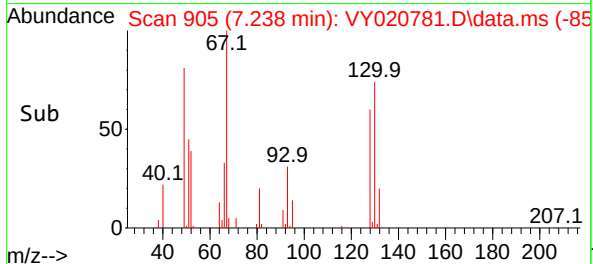


#41
Methacrylonitrile
Concen: 43.496 ug/l
RT: 7.238 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

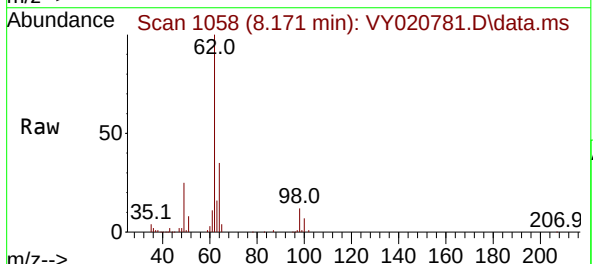
Instrument :
MSVOA_Y
ClientSampleId :



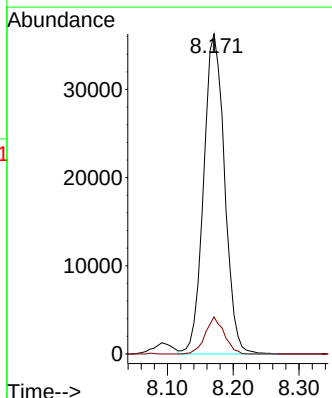
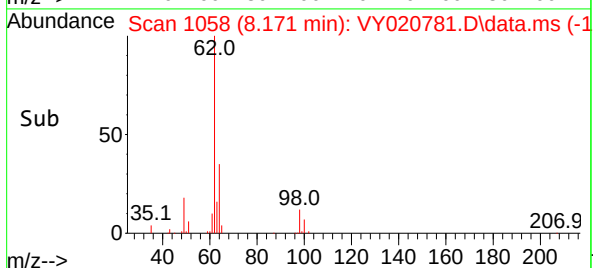
Tgt Ion: 41 Resp: 21008
Ion Ratio Lower Upper
41 100
39 67.7 42.4 63.6#
67 87.2 67.8 101.8
52 34.3 26.2 39.4

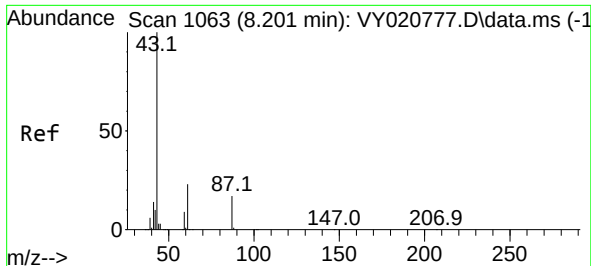


#42
1,2-Dichloroethane
Concen: 45.396 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27



Tgt Ion: 62 Resp: 80635
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.6

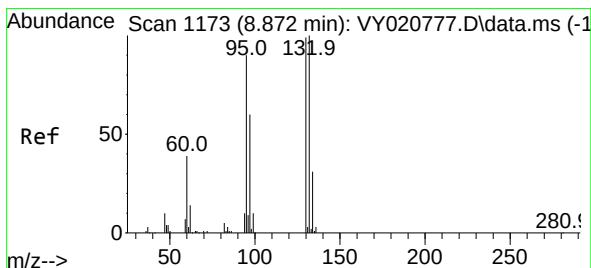
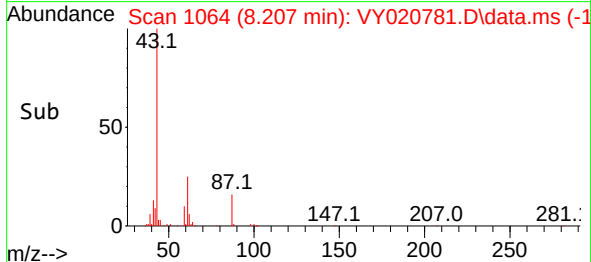
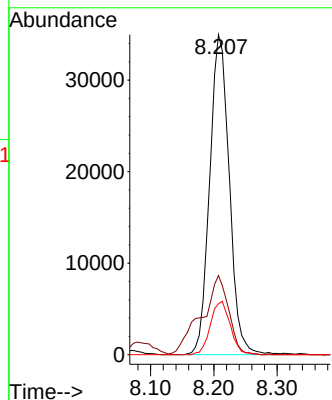
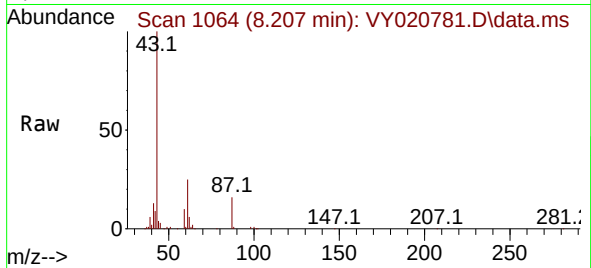




#43
Isopropyl Acetate
Concen: 43.920 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

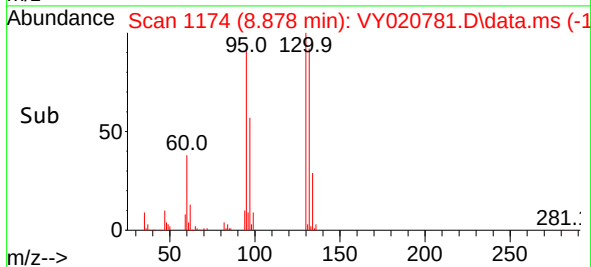
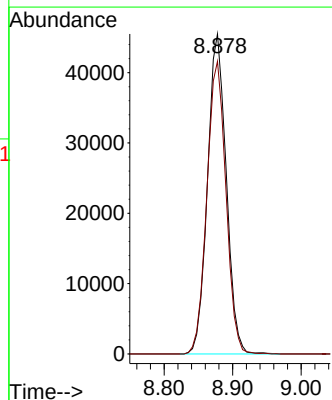
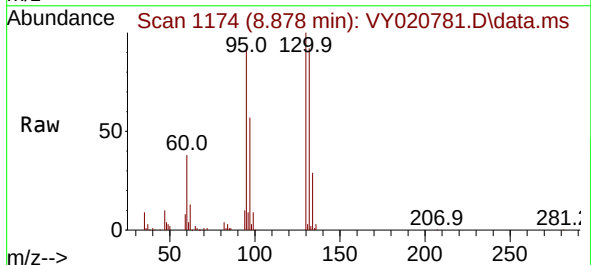
Instrument :
MSVOA_Y
ClientSampleId :

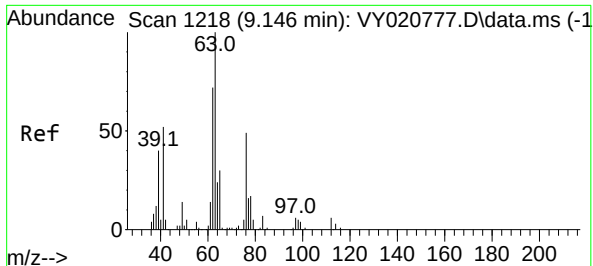
Tgt Ion: 43 Resp: 75339
Ion Ratio Lower Upper
43 100
61 34.3 26.5 39.7
87 16.8 13.4 20.0



#44
Trichloroethene
Concen: 47.670 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion:130 Resp: 86435
Ion Ratio Lower Upper
130 100
95 91.4 0.0 181.0





#45

1,2-Dichloropropane

Concen: 47.297 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

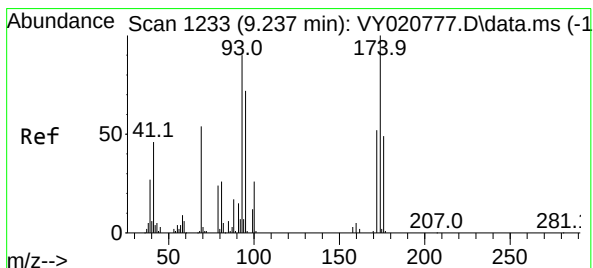
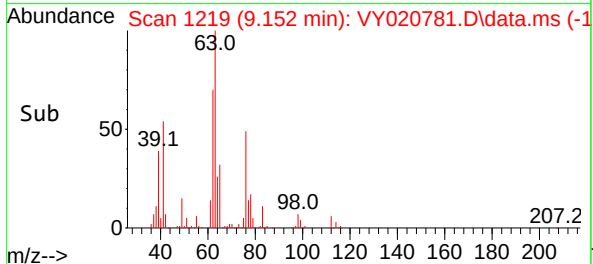
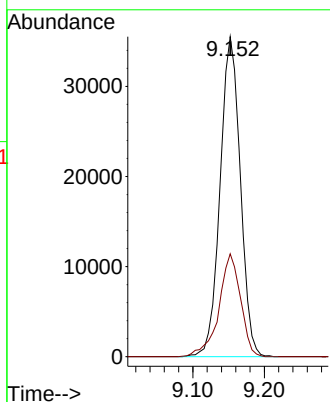
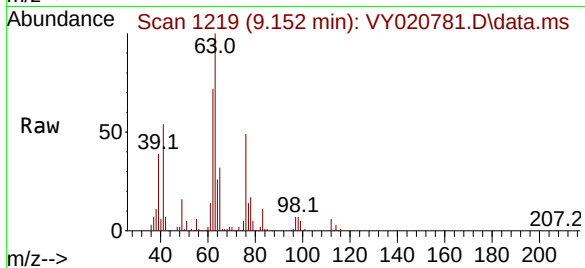
ClientSampleId :

Tgt Ion: 63 Resp: 69741

Ion Ratio Lower Upper

63 100

65 32.2 24.2 36.4



#46

Dibromomethane

Concen: 46.035 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

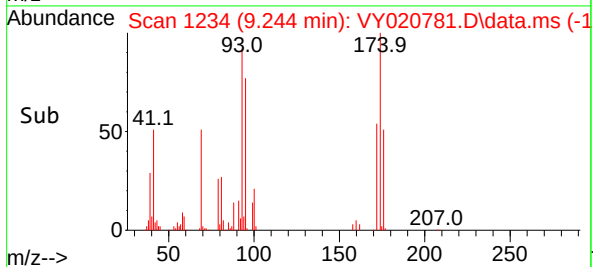
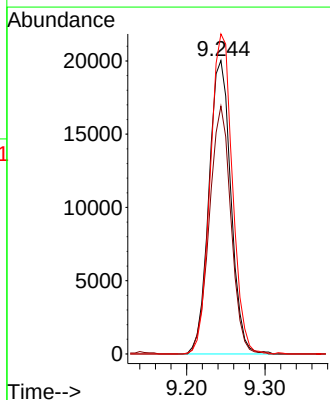
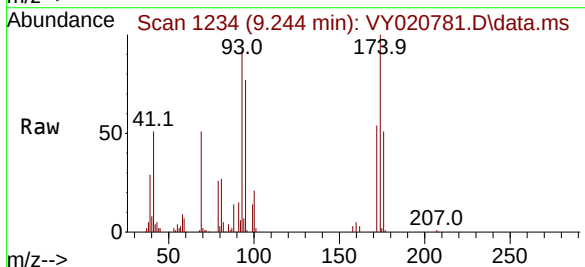
Tgt Ion: 93 Resp: 38979

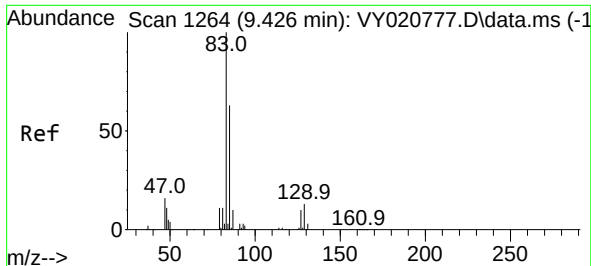
Ion Ratio Lower Upper

93 100

95 82.8 68.2 102.4

174 110.3 89.0 133.6





#47

Bromodichloromethane

Concen: 46.112 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

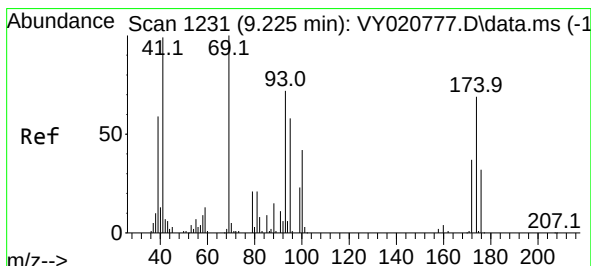
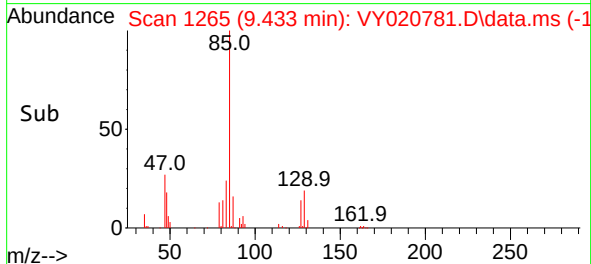
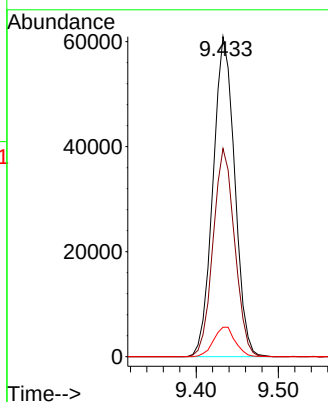
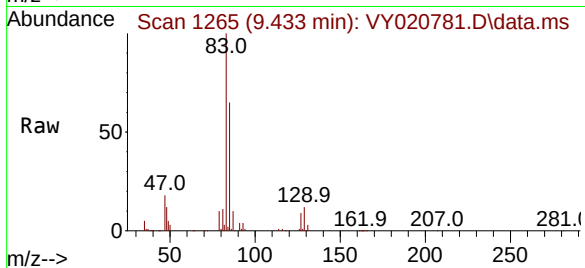
Tgt Ion: 83 Resp: 111821

Ion Ratio Lower Upper

83 100

85 65.0 50.7 76.1

127 9.2 7.9 11.9



#48

Methyl methacrylate

Concen: 44.497 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

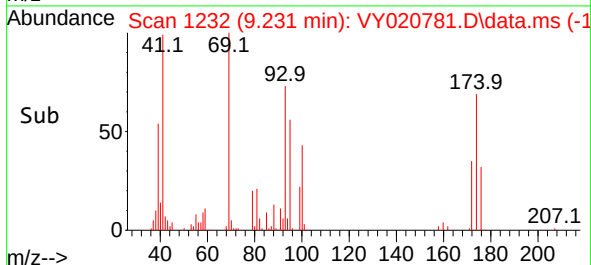
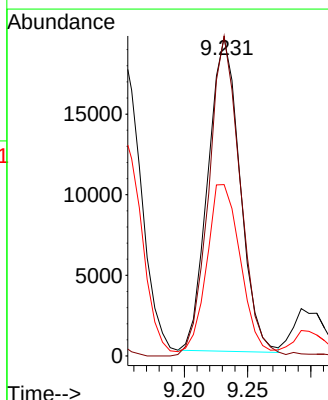
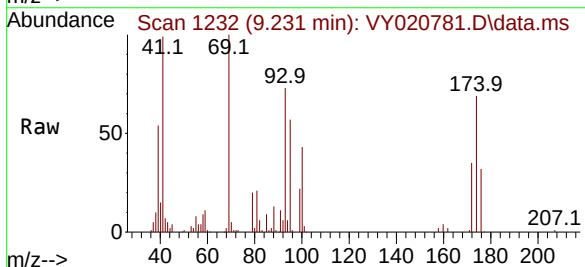
Tgt Ion: 41 Resp: 34219

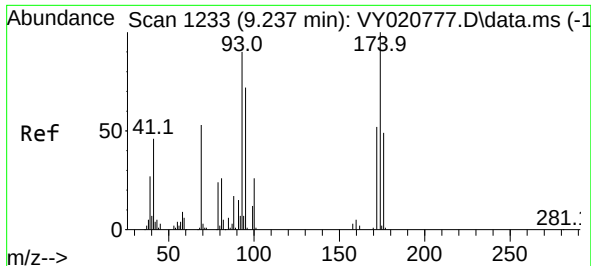
Ion Ratio Lower Upper

41 100

69 100.8 78.9 118.3

39 55.4 44.6 67.0





#49

1,4-Dioxane

Concen: 898.217 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

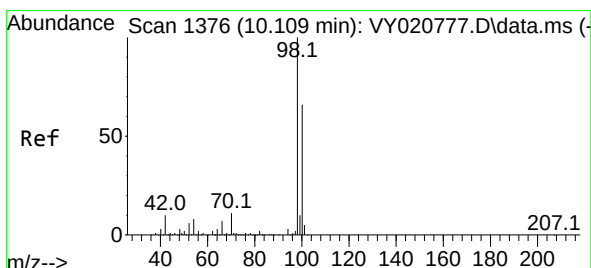
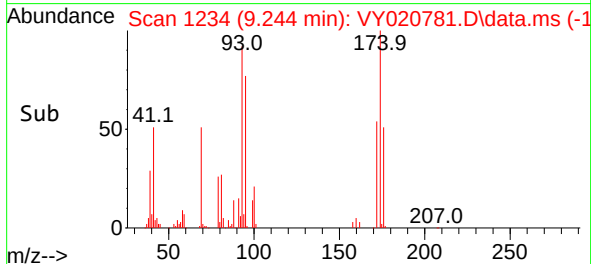
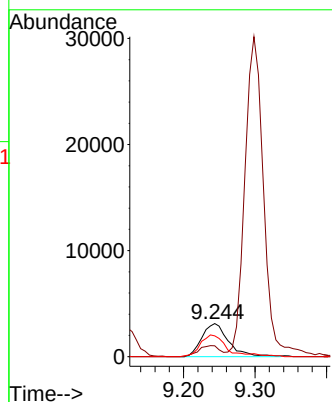
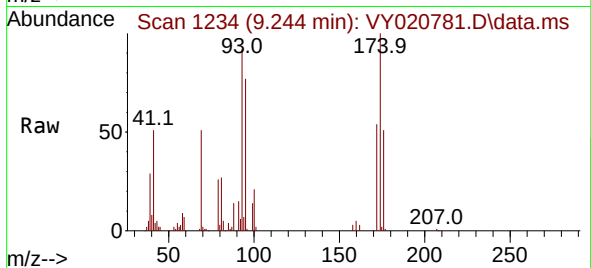
Tgt Ion: 88 Resp: 8075

Ion Ratio Lower Upper

88 100

43 26.5 24.4 36.6

58 66.2 51.0 76.6



#50

Toluene-d8

Concen: 55.806 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020781.D

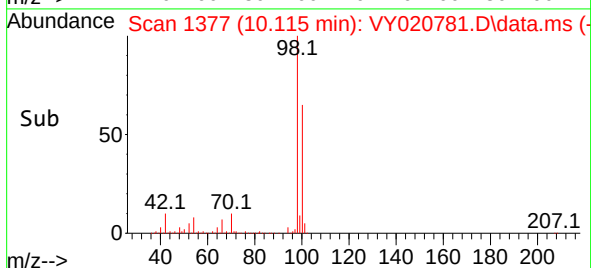
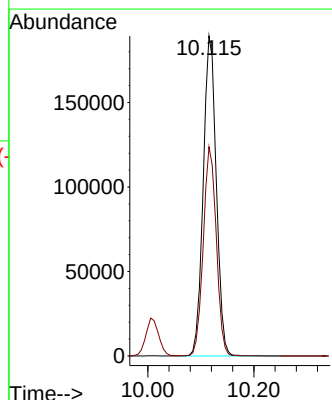
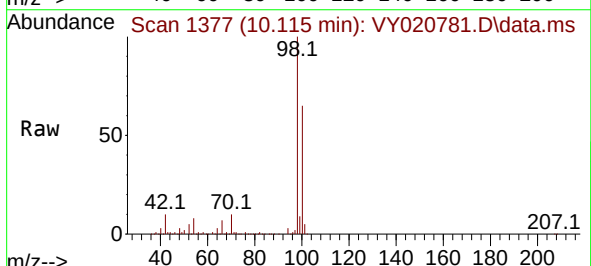
Acq: 06 Jan 2025 13:27

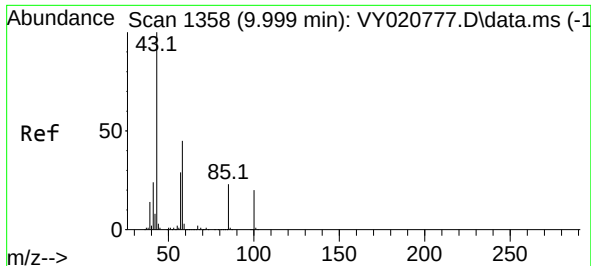
Tgt Ion: 98 Resp: 323230

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 213.417 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

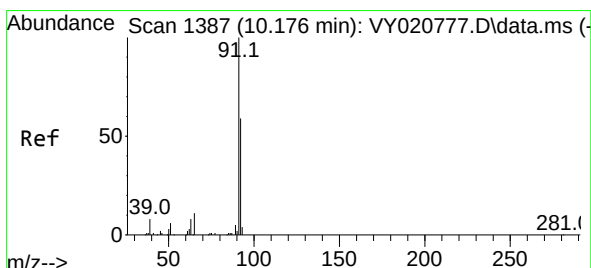
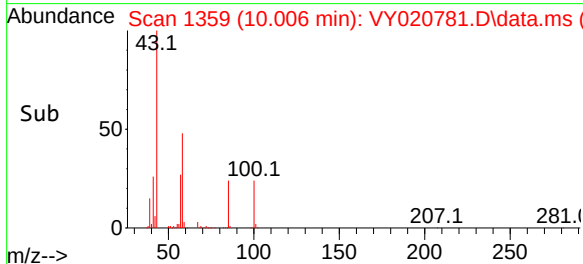
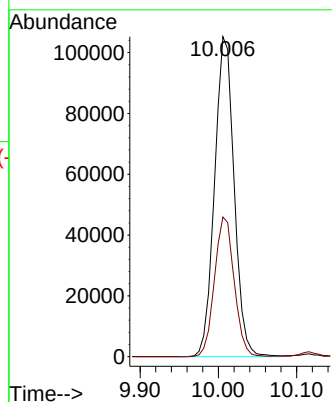
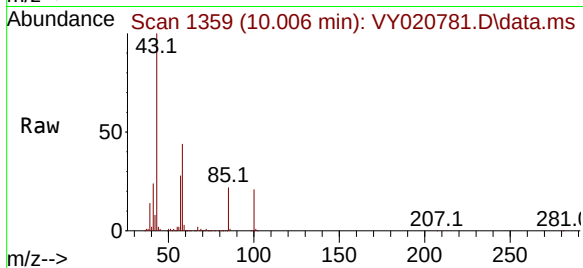
ClientSampleId :

Tgt Ion: 43 Resp: 182892

Ion Ratio Lower Upper

43 100

58 43.9 34.8 52.2



#52

Toluene

Concen: 47.828 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VY020781.D

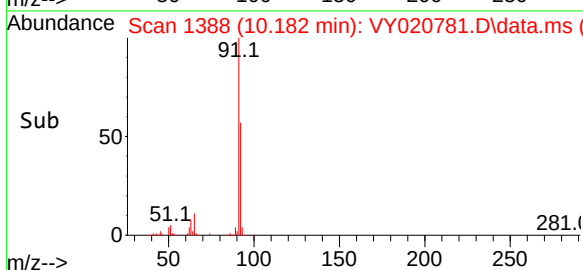
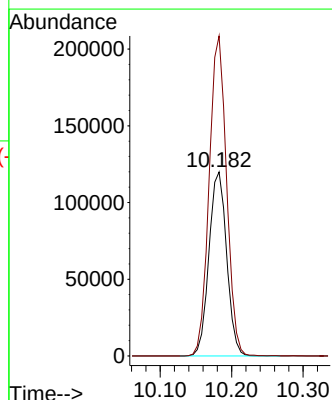
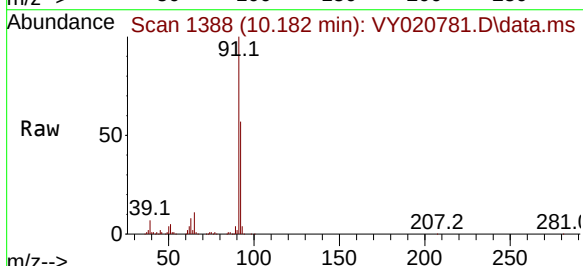
Acq: 06 Jan 2025 13:27

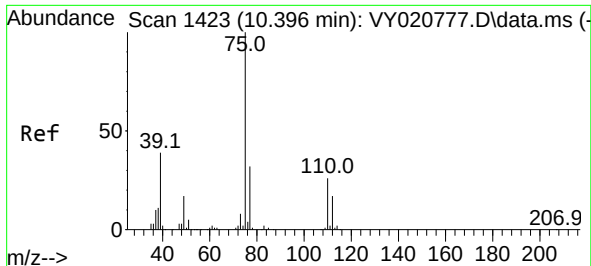
Tgt Ion: 92 Resp: 206000

Ion Ratio Lower Upper

92 100

91 171.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 46.561 ug/l

RT: 10.402 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

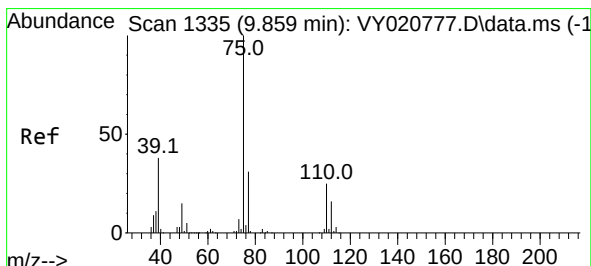
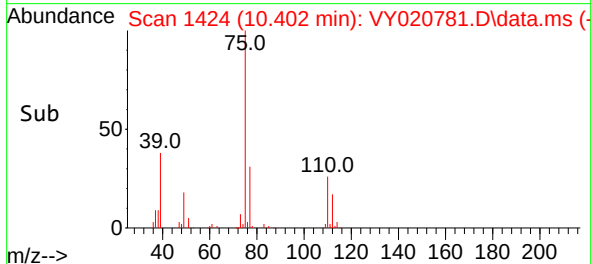
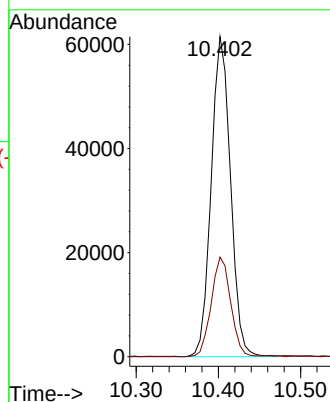
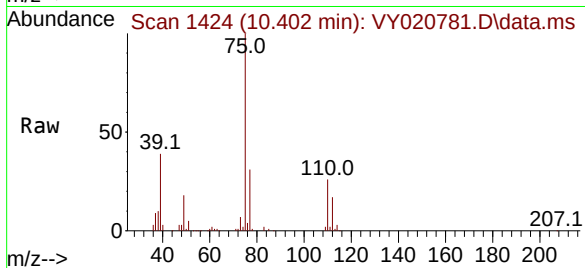
ClientSampleId :

Tgt Ion: 75 Resp: 100423

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 47.147 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

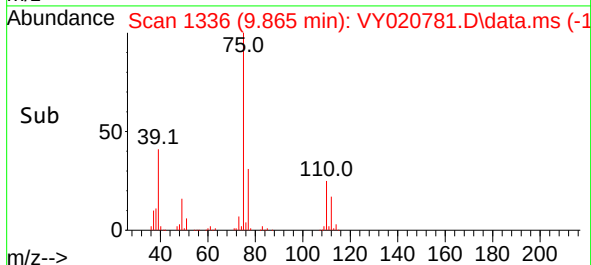
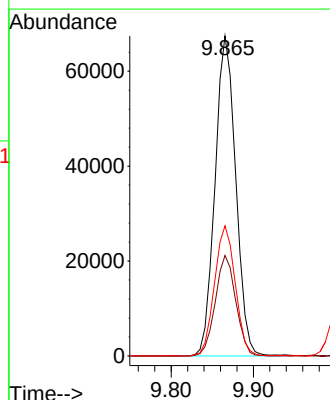
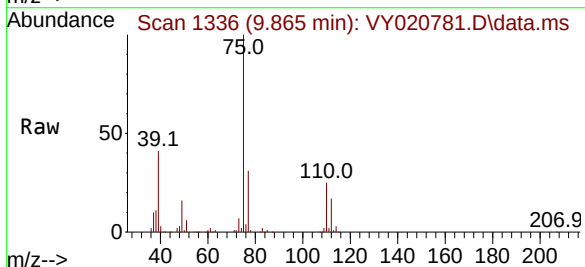
Tgt Ion: 75 Resp: 118097

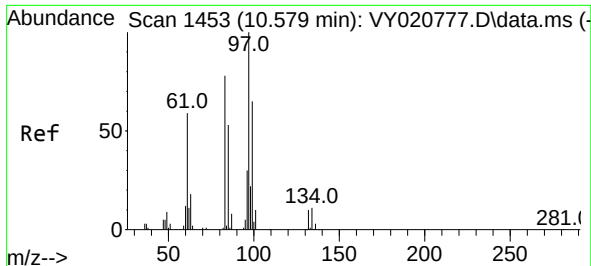
Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

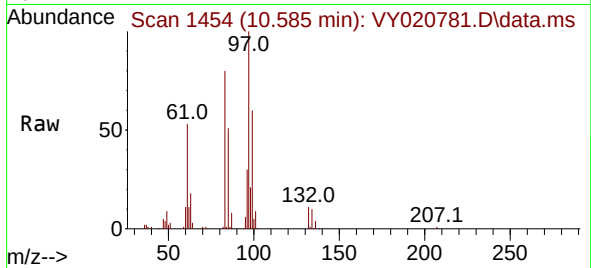
39 40.7 30.7 46.1



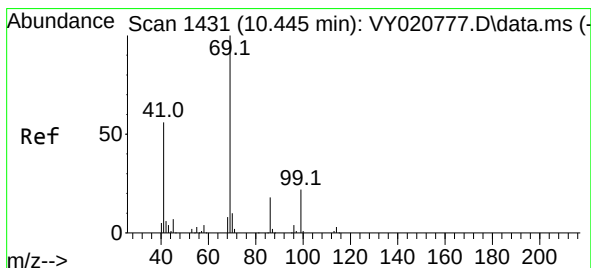
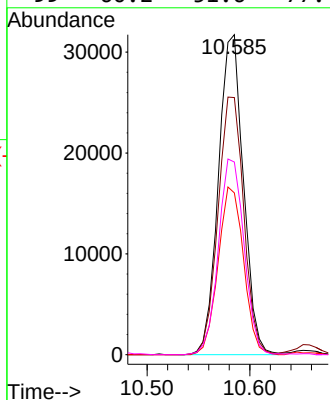
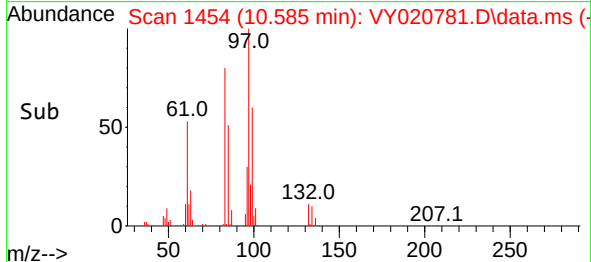


#55
1,1,2-Trichloroethane
Concen: 44.274 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :

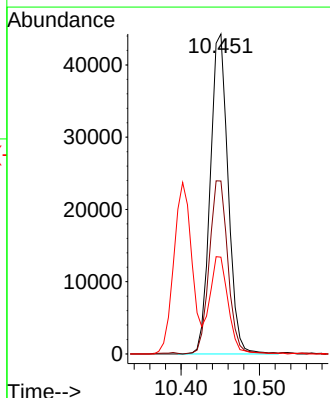
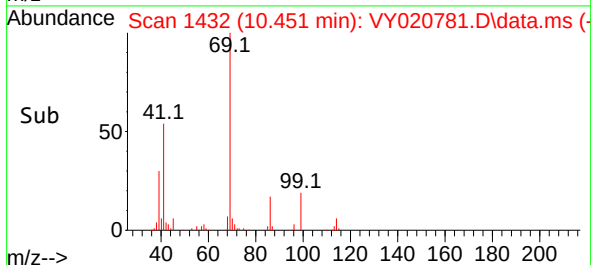
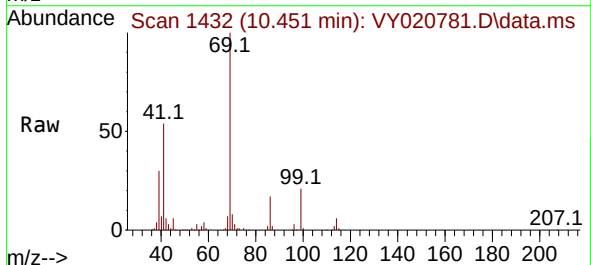


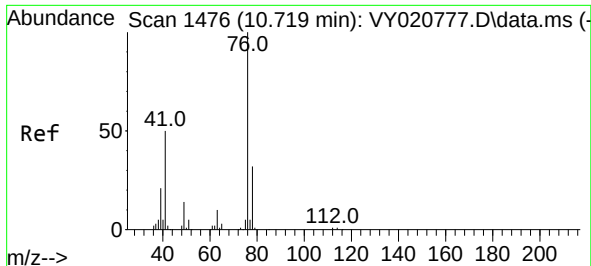
Tgt Ion: 97	Resp: 53557
Ion Ratio	Lower Upper
97 100	
83 80.4	62.8 94.2
85 50.6	42.4 63.6
99 60.2	51.6 77.4



#56
Ethyl methacrylate
Concen: 45.886 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 69	Resp: 70100		
Ion Ratio	Lower	Upper	
69 100			
41 56.4	46.6	69.8	
39 31.3	25.7	38.5	





#57

1,3-Dichloropropane

Concen: 45.750 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

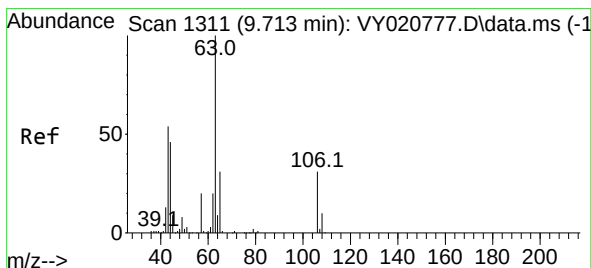
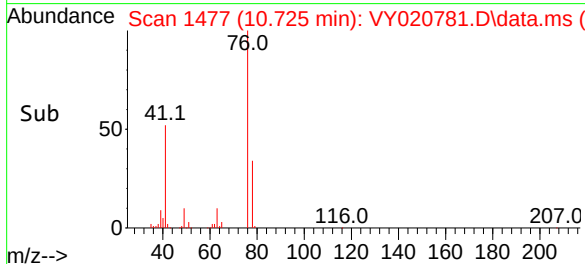
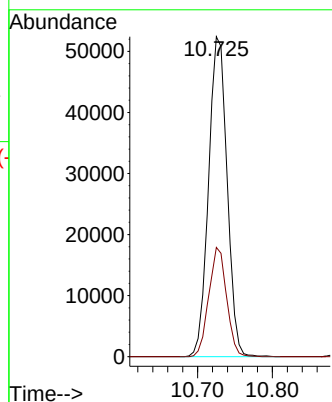
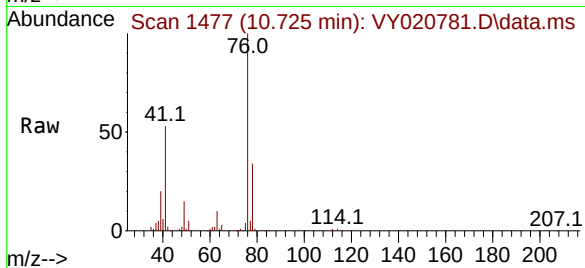
ClientSampleId :

Tgt Ion: 76 Resp: 90209

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 255.992 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020781.D

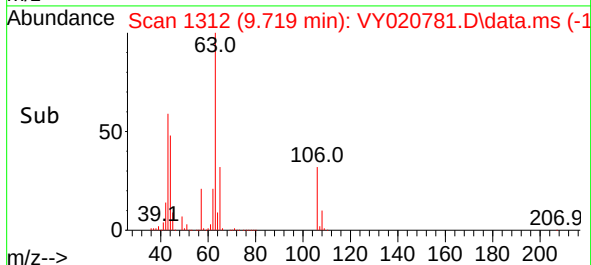
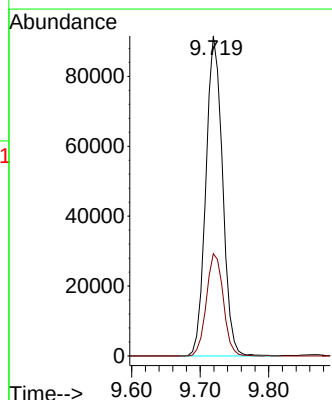
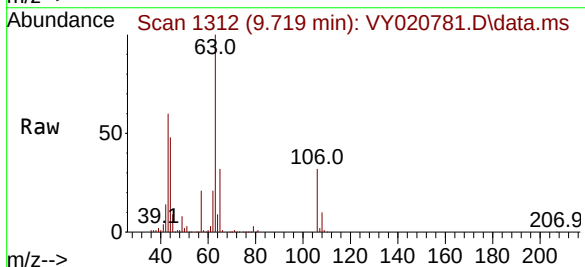
Acq: 06 Jan 2025 13:27

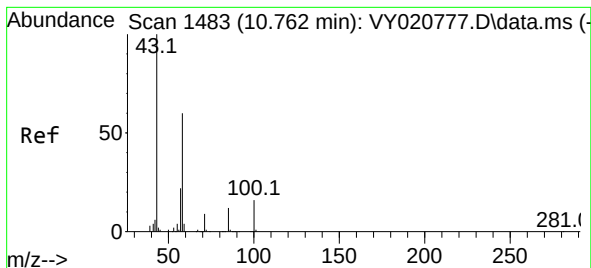
Tgt Ion: 63 Resp: 155145

Ion Ratio Lower Upper

63 100

106 32.4 25.9 38.9

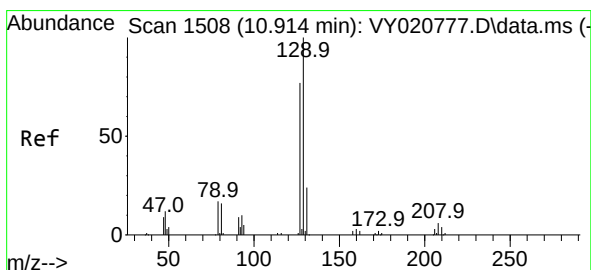
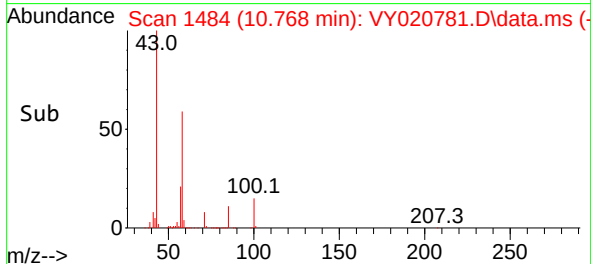
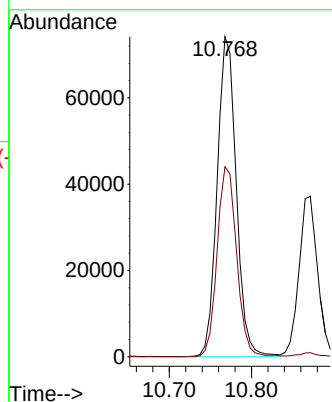
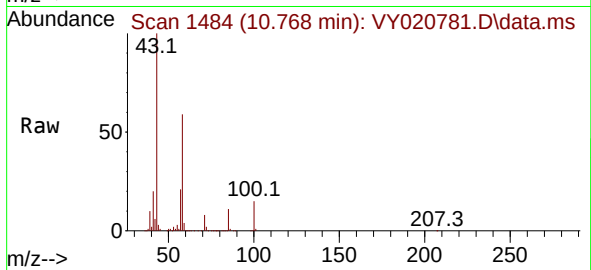




#59
2-Hexanone
Concen: 217.743 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

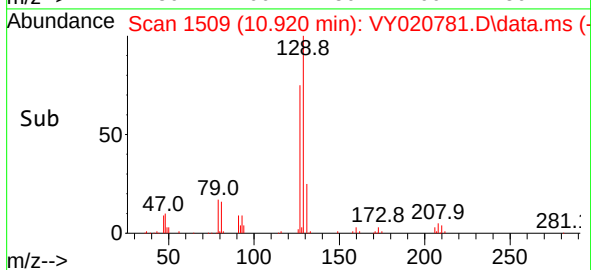
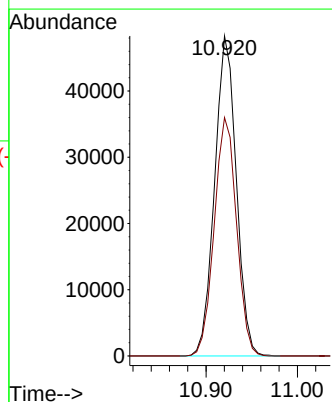
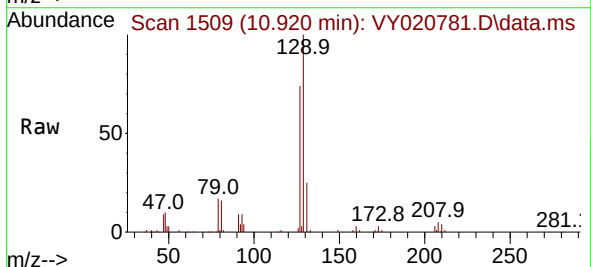
Instrument :
MSVOA_Y
ClientSampleId :

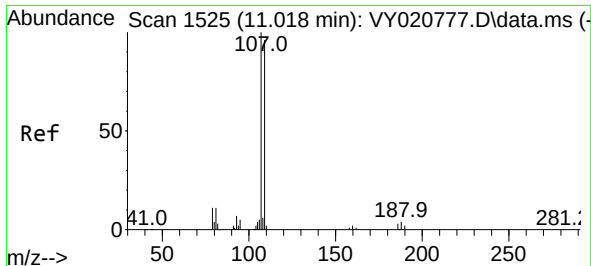
Tgt Ion: 43 Resp: 119712
Ion Ratio Lower Upper
43 100
58 60.7 30.6 92.0



#60
Dibromochloromethane
Concen: 45.336 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 129 Resp: 79538
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

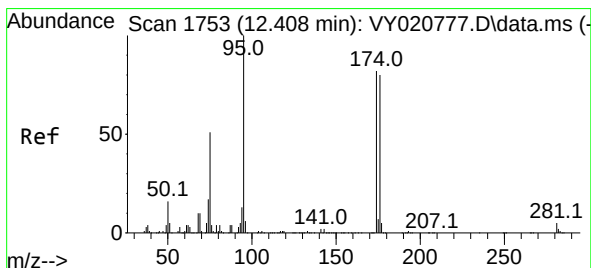
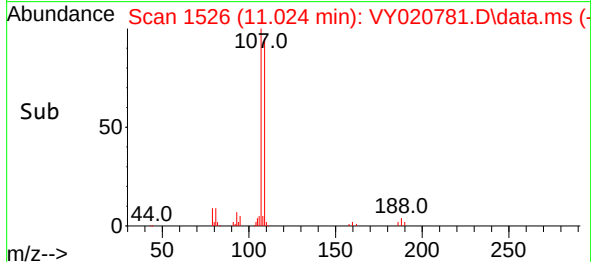
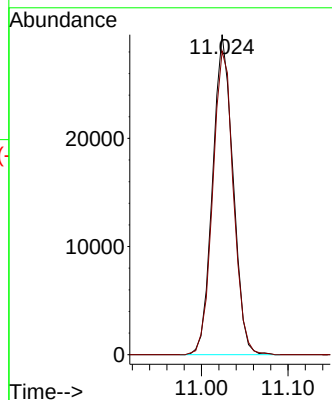
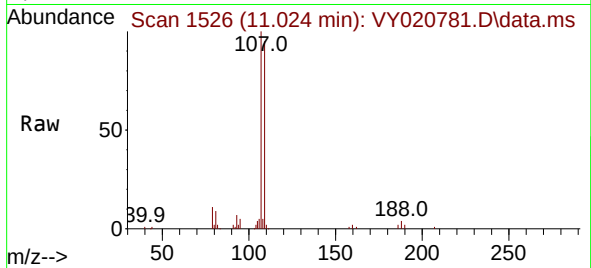




#61
1,2-Dibromoethane
Concen: 44.594 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

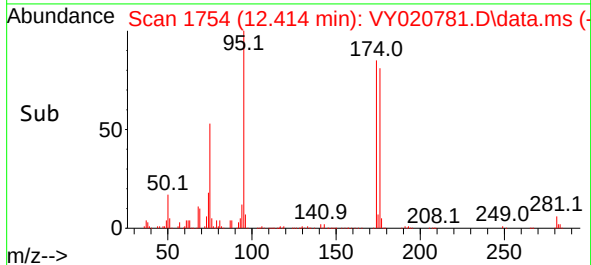
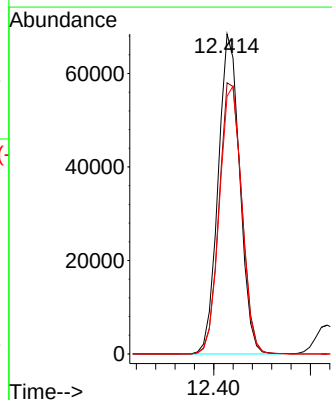
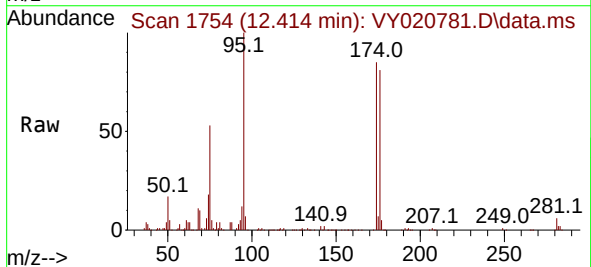
Instrument :
MSVOA_Y
ClientSampleId :

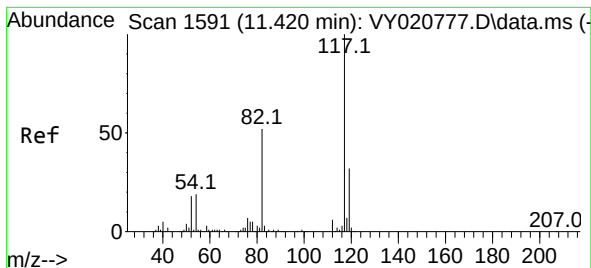
Tgt Ion:107 Resp: 48429
Ion Ratio Lower Upper
107 100
109 96.2 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

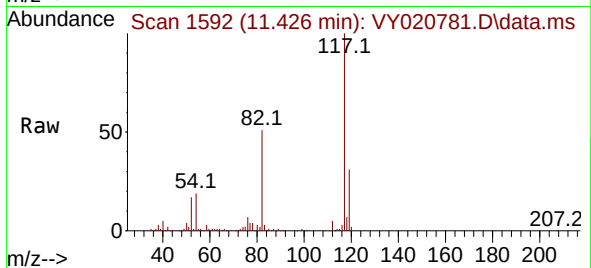
Tgt Ion: 95 Resp: 105840
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.0
176 86.6 0.0 172.0



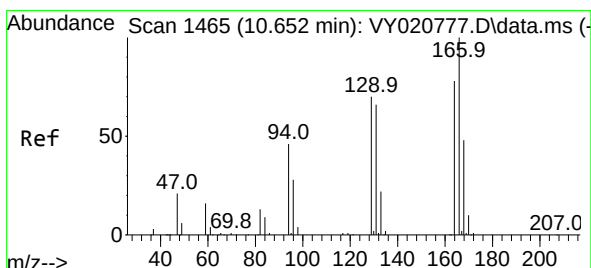
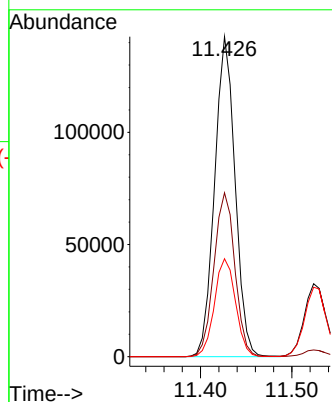
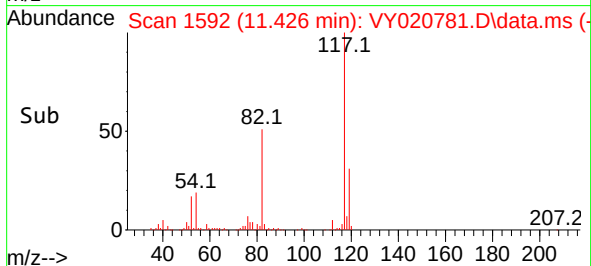


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

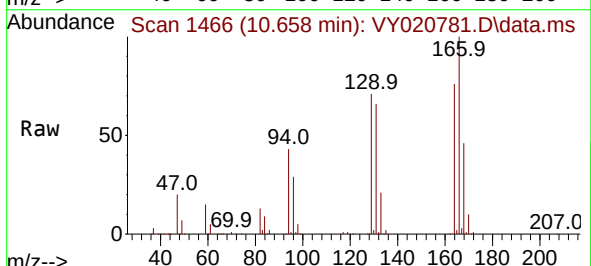
Instrument :
MSVOA_Y
ClientSampleId :



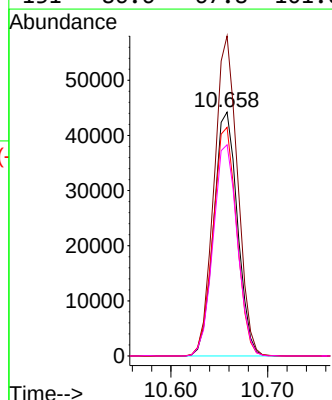
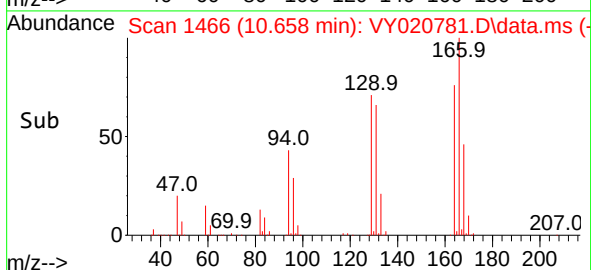
Tgt Ion:117 Resp: 222082
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.6
119 30.6 25.8 38.8

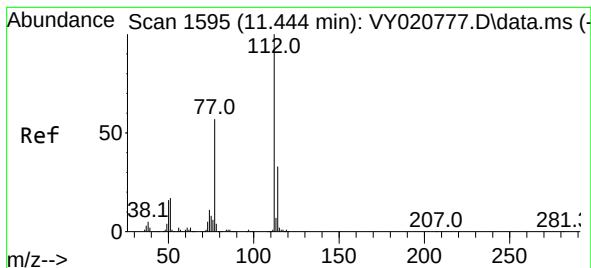


#64
Tetrachloroethene
Concen: 46.173 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27



Tgt Ion:164 Resp: 75390
Ion Ratio Lower Upper
164 100
166 131.2 102.0 153.0
129 93.8 71.4 107.2
131 86.6 67.8 101.6





#65

Chlorobenzene

Concen: 46.726 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

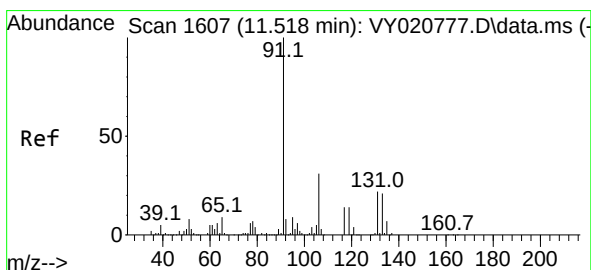
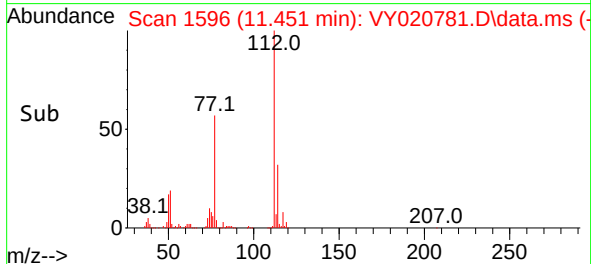
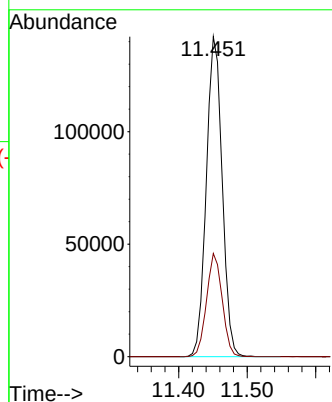
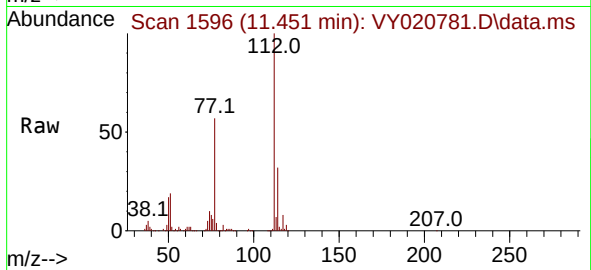
ClientSampleId :

Tgt Ion:112 Resp: 229434

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 45.422 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

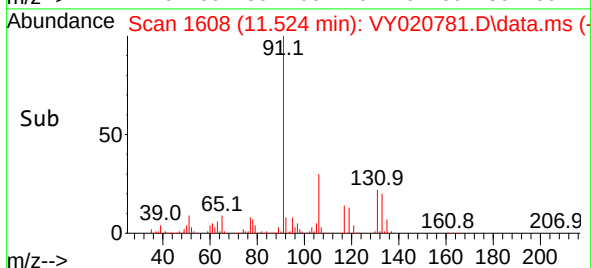
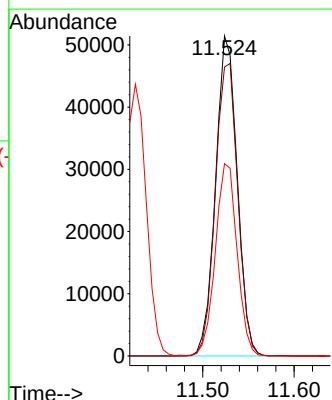
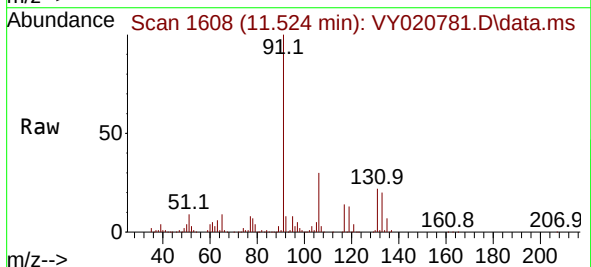
Tgt Ion:131 Resp: 84905

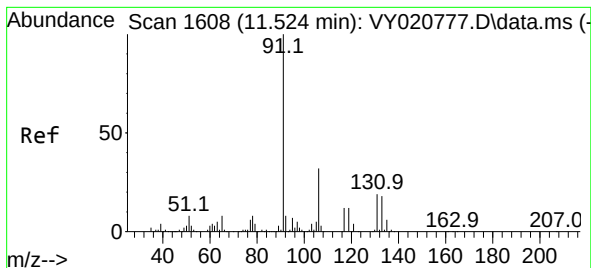
Ion Ratio Lower Upper

131 100

133 94.7 46.9 140.8

119 60.3 30.2 90.6

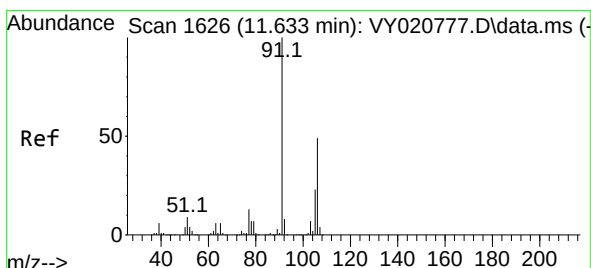
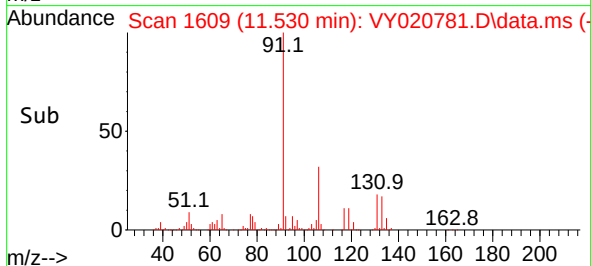
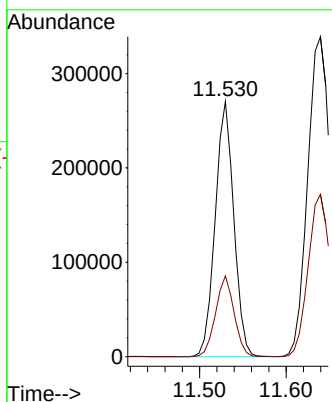
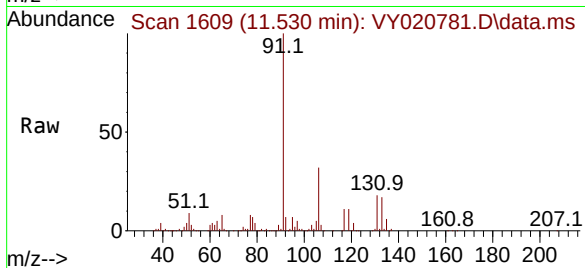




#67
Ethyl Benzene
Concen: 47.453 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

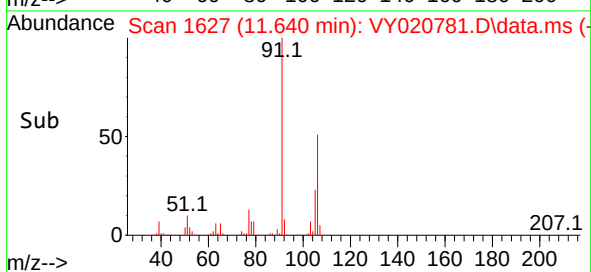
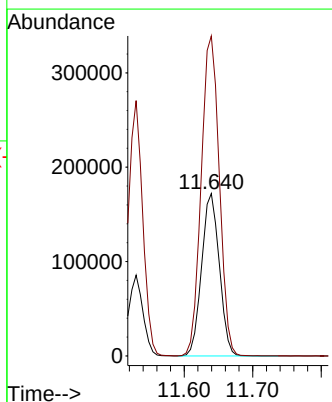
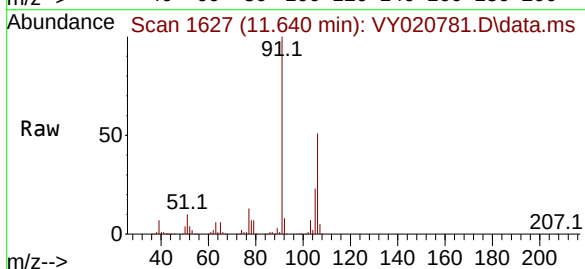
Instrument :
MSVOA_Y
ClientSampleId :

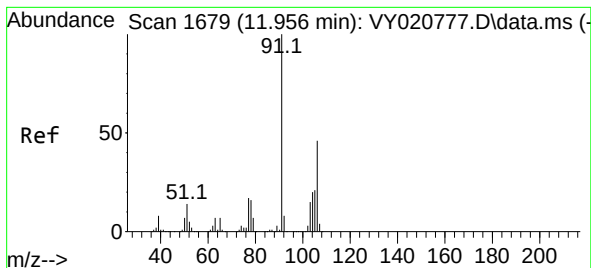
Tgt Ion: 91 Resp: 403408
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 94.424 ug/l
RT: 11.640 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion:106 Resp: 309056
Ion Ratio Lower Upper
106 100
91 201.4 162.6 243.8





#69

o-Xylene

Concen: 47.023 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

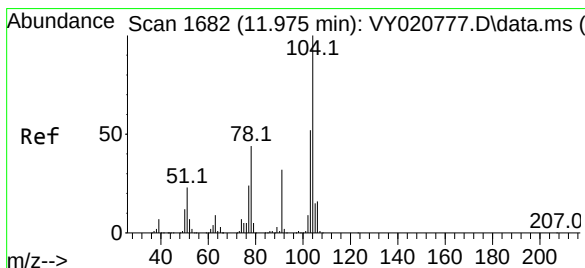
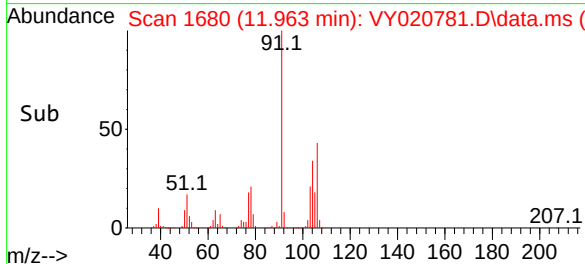
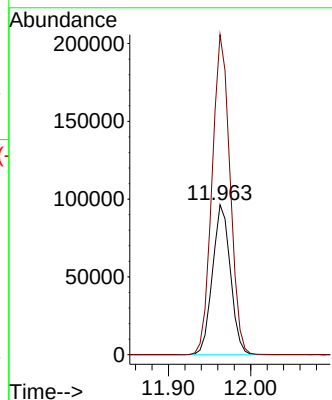
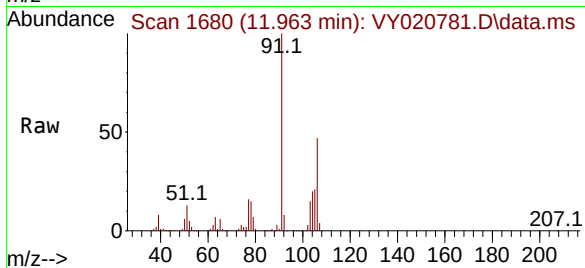
ClientSampleId :

Tgt Ion:106 Resp: 145929

Ion Ratio Lower Upper

106 100

91 214.1 108.2 324.6



#70

Styrene

Concen: 46.746 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

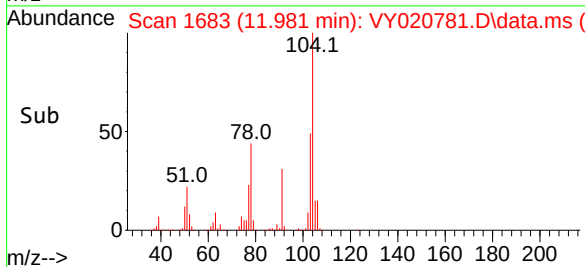
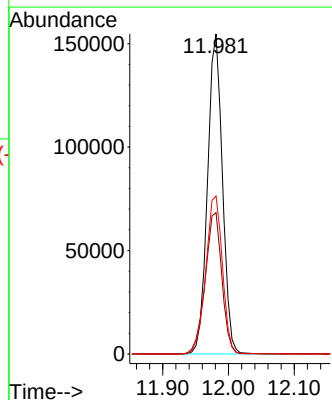
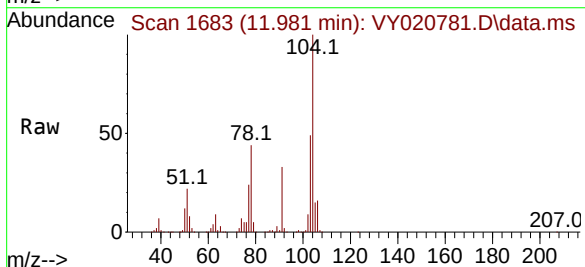
Tgt Ion:104 Resp: 244202

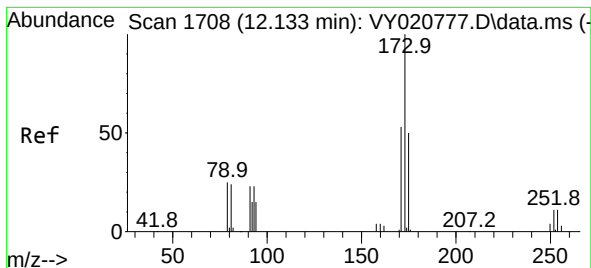
Ion Ratio Lower Upper

104 100

78 49.4 39.4 59.2

103 55.0 44.0 66.0





#71

Bromoform

Concen: 43.566 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

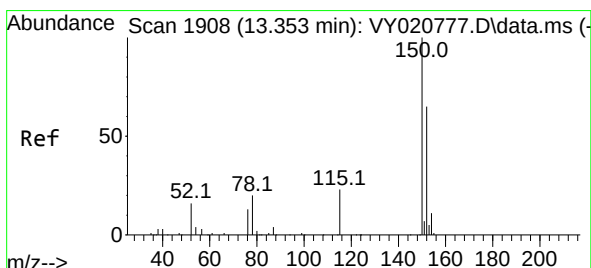
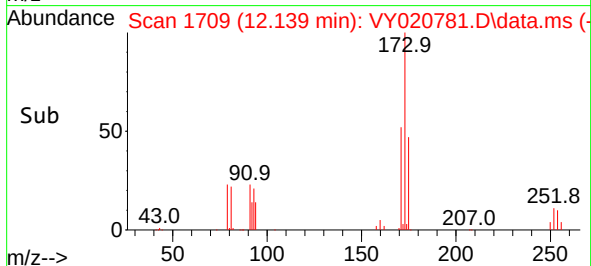
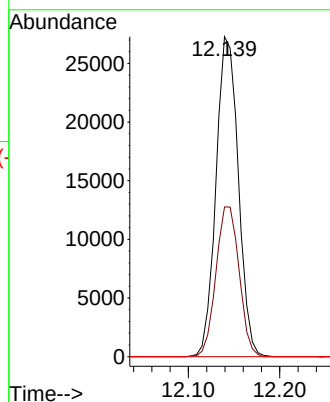
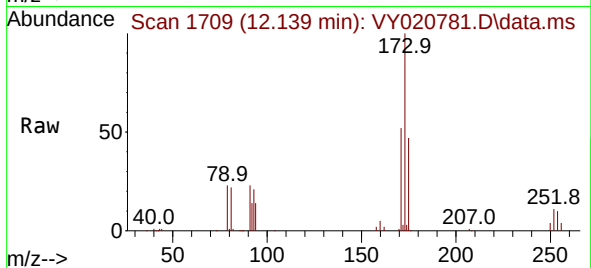
Tgt Ion:173 Resp: 46295

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

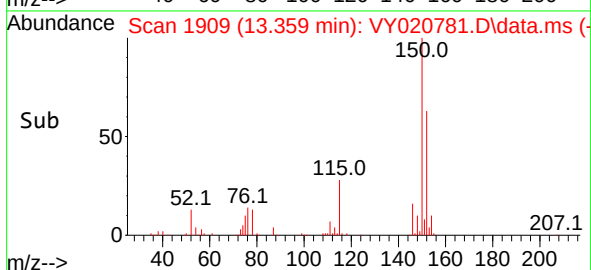
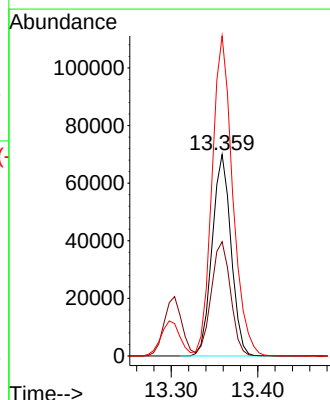
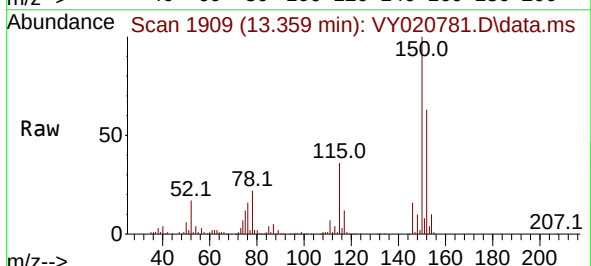
Tgt Ion:152 Resp: 105944

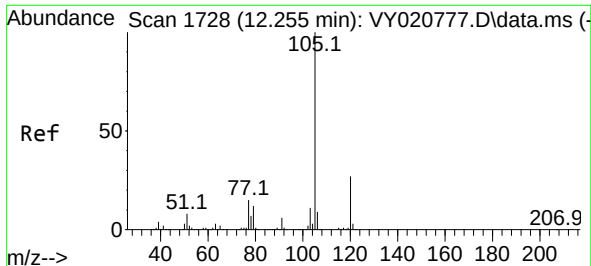
Ion Ratio Lower Upper

152 100

115 58.1 29.0 87.0

150 174.0 0.0 347.4

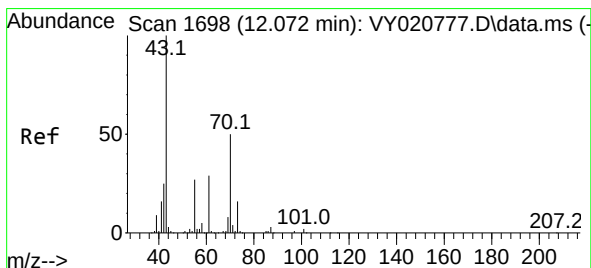
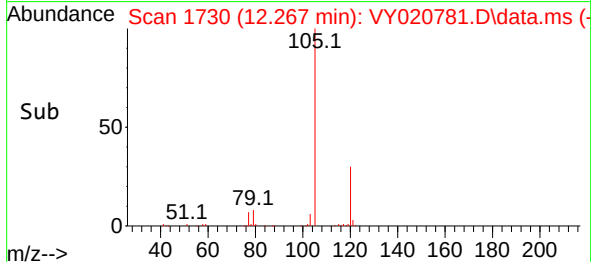
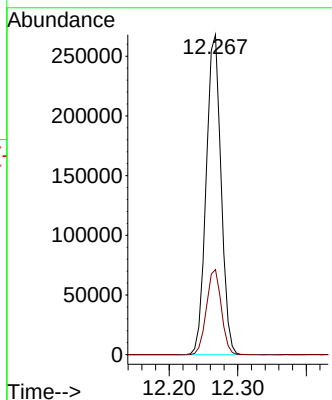
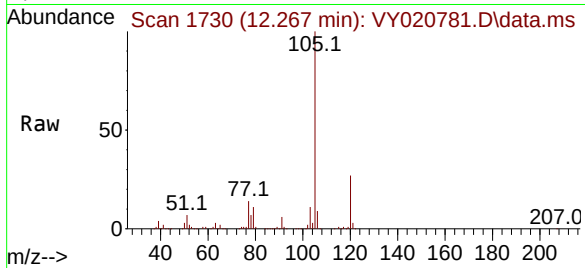




#73
Isopropylbenzene
Concen: 48.061 ug/l
RT: 12.267 min Scan# 1728
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

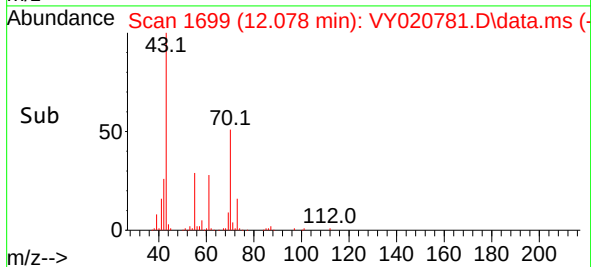
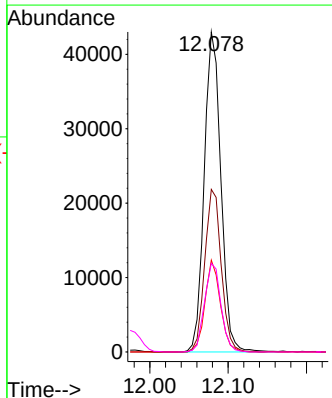
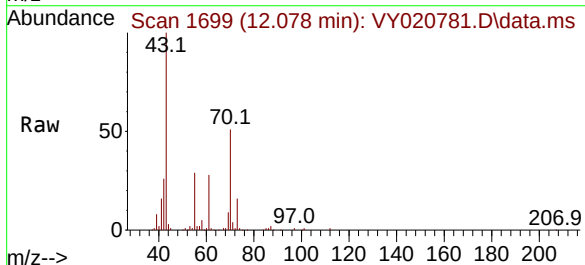
Instrument :
MSVOA_Y
ClientSampleId :

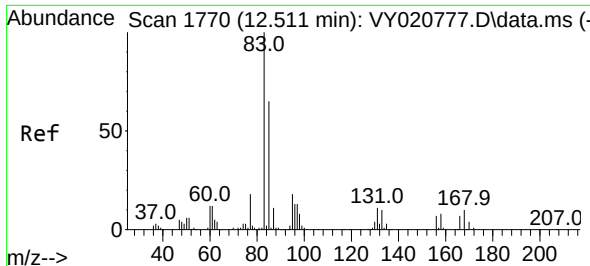
Tgt Ion:105 Resp: 403944
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-amy1 acetate
Concen: 46.166 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 43 Resp: 63469
Ion Ratio Lower Upper
43 100
70 50.4 40.2 60.4
55 26.6 21.2 31.8
61 27.4 22.1 33.1

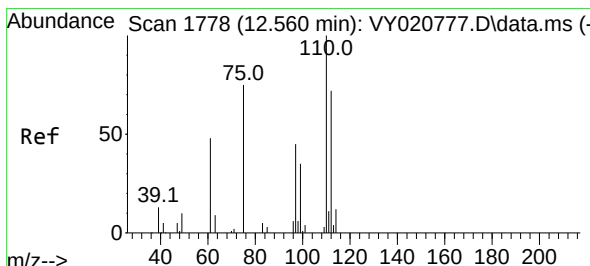
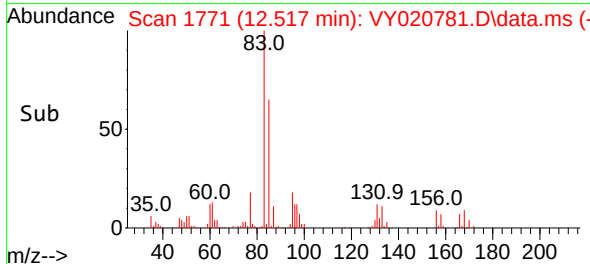
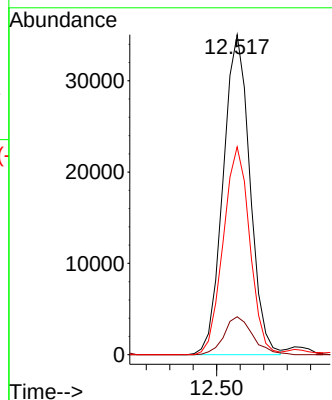
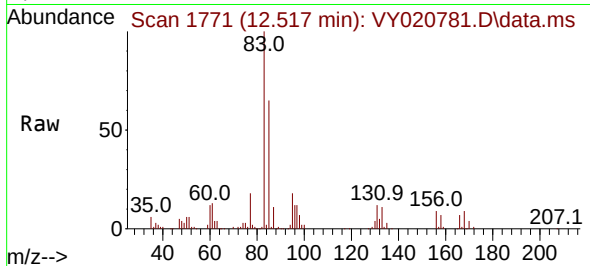




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.576 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY020781.D
 Acq: 06 Jan 2025 13:27

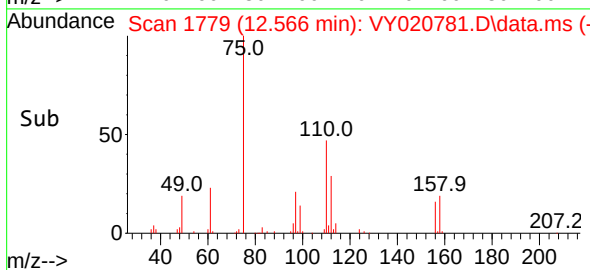
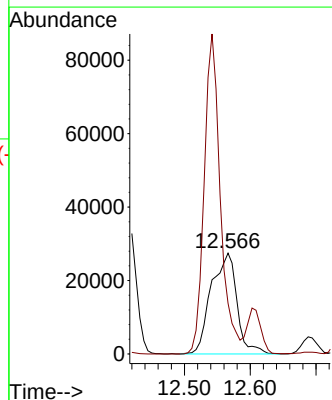
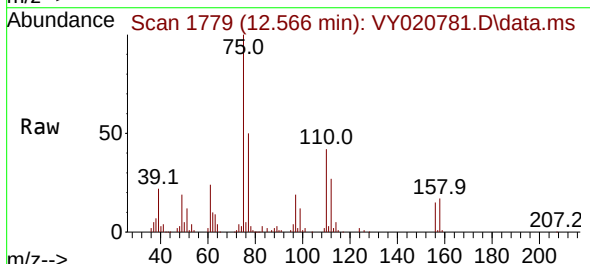
Instrument :
 MSVOA_Y
 ClientSampleId :

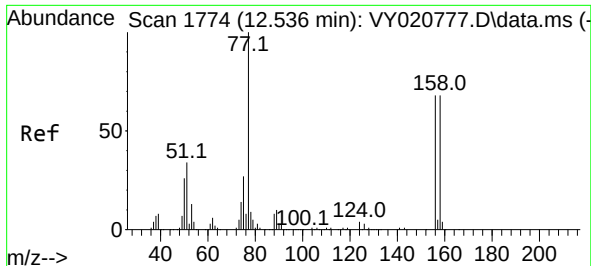
Tgt Ion: 83 Resp: 55510
 Ion Ratio Lower Upper
 83 100
 131 12.7 6.0 18.0
 85 64.3 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 80.771 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY020781.D
 Acq: 06 Jan 2025 13:27

Tgt Ion: 75 Resp: 74874
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

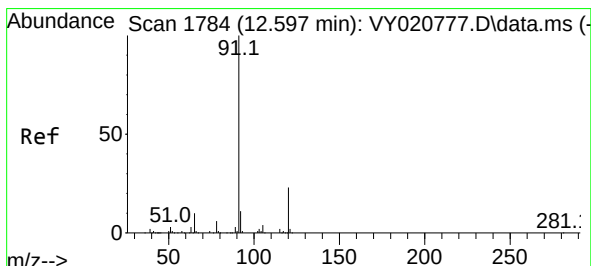
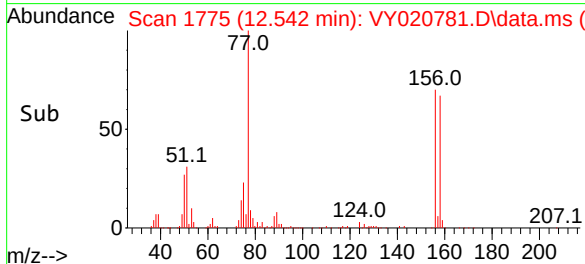
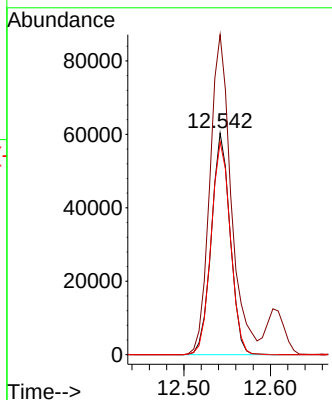
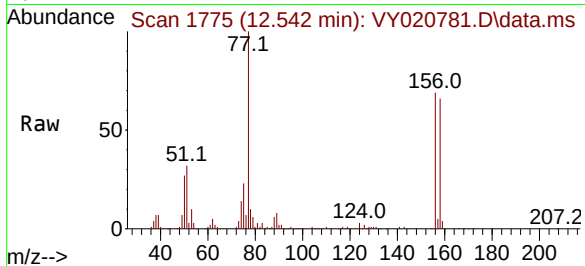




#77
Bromobenzene
Concen: 46.895 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

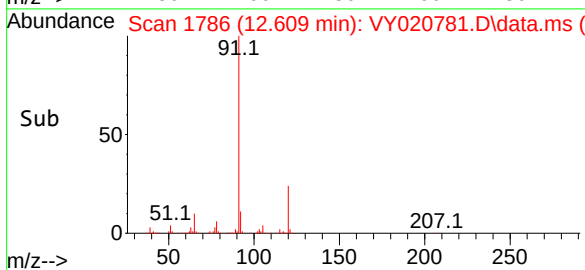
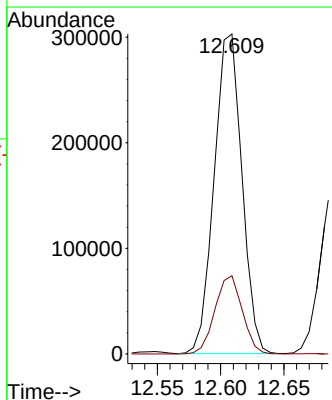
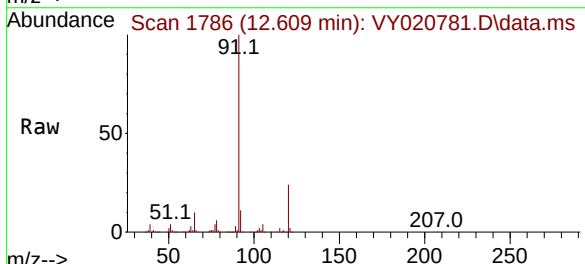
Instrument :
MSVOA_Y
ClientSampleId :

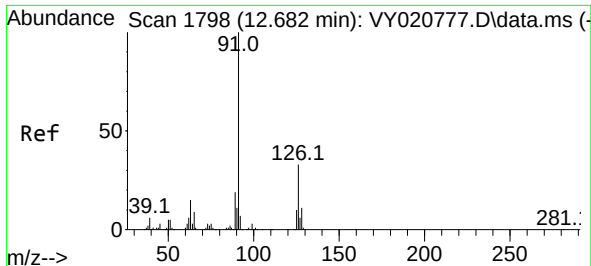
Tgt Ion:156 Resp: 90872
Ion Ratio Lower Upper
156 100
77 163.8 82.3 247.0
158 98.7 48.0 144.0



#78
n-propylbenzene
Concen: 48.371 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 91 Resp: 461451
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.1

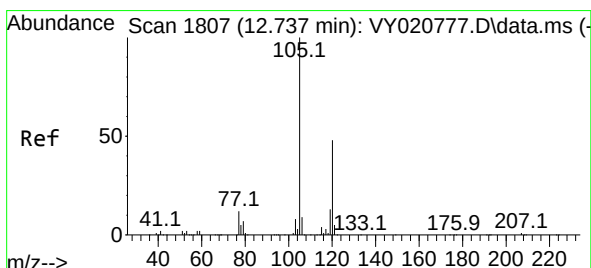
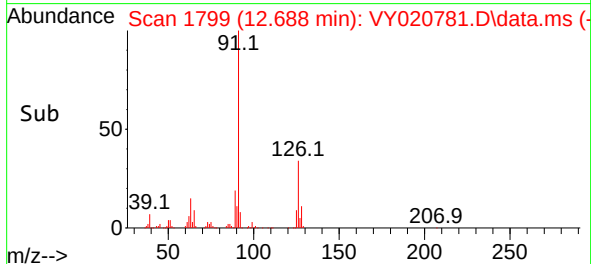
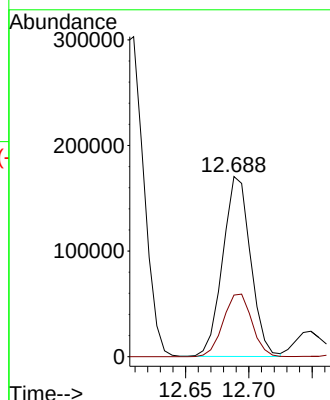
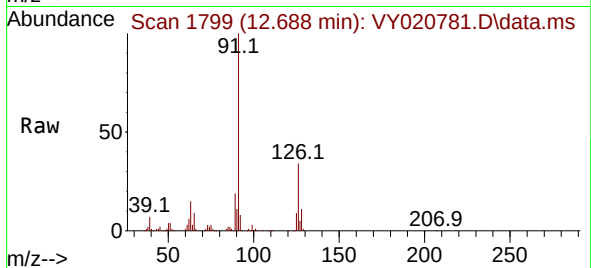




#79
2-Chlorotoluene
Concen: 47.543 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

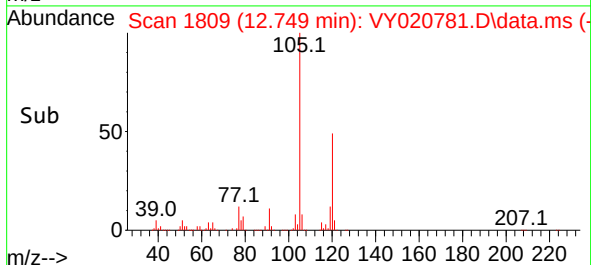
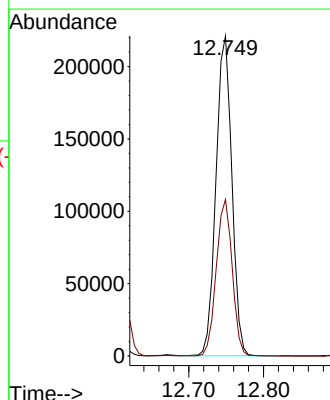
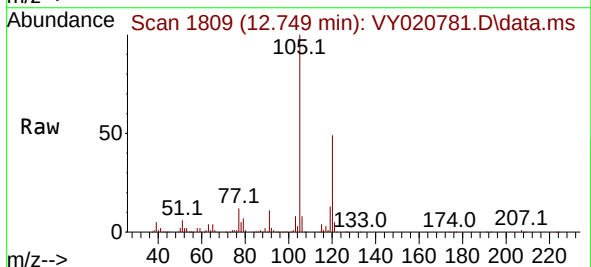
Instrument :
MSVOA_Y
ClientSampleId :

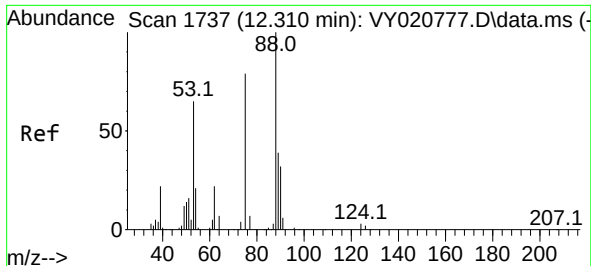
Tgt Ion: 91 Resp: 261185
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 47.877 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 105 Resp: 326109
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5

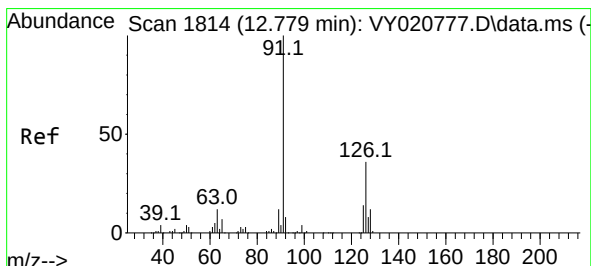
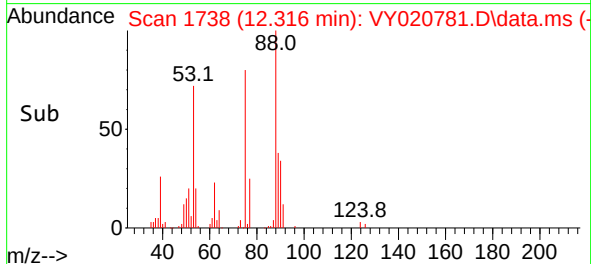
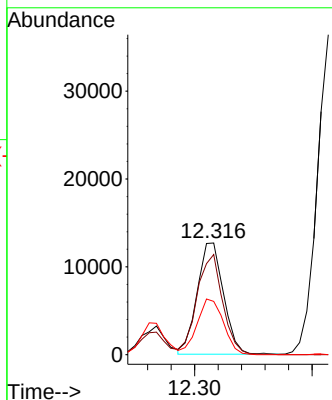
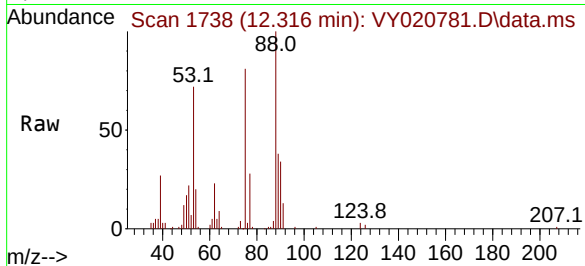




#81
trans-1,4-Dichloro-2-butene
Concen: 44.830 ug/l
RT: 12.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

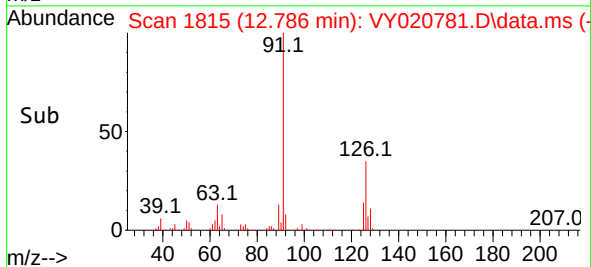
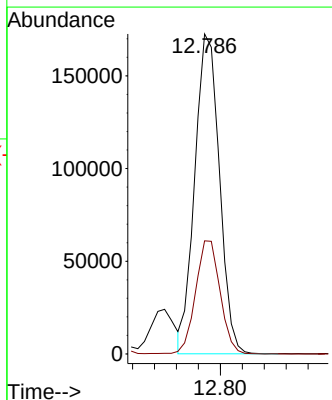
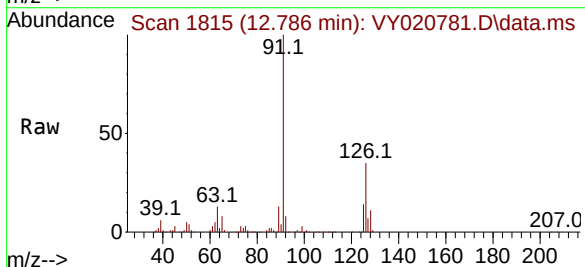
Instrument :
MSVOA_Y
ClientSampleId :

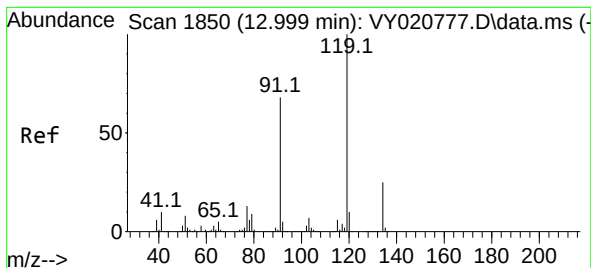
Tgt Ion: 75 Resp: 19709
Ion Ratio Lower Upper
75 100
53 88.3 69.4 104.0
89 50.3 39.6 59.4



#82
4-Chlorotoluene
Concen: 47.476 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 91 Resp: 269161
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7





#83

tert-Butylbenzene

Concen: 48.881 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

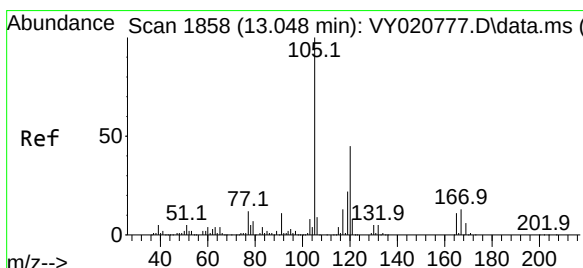
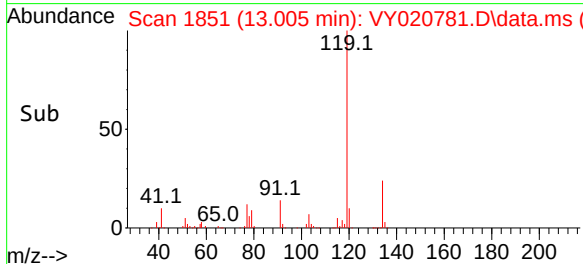
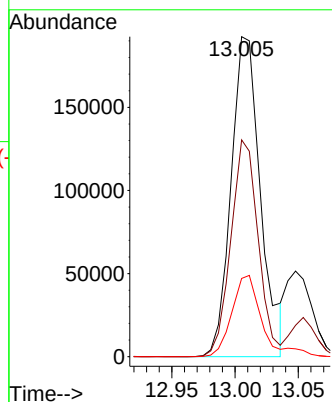
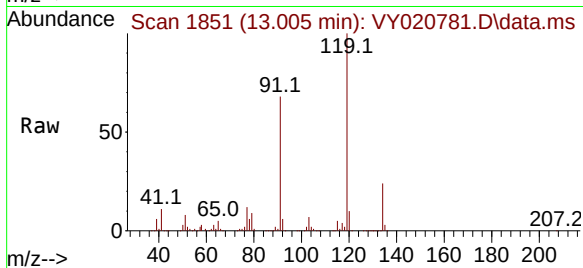
Tgt Ion:119 Resp: 311399

Ion Ratio Lower Upper

119 100

91 63.1 33.0 98.9

134 26.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 47.870 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020781.D

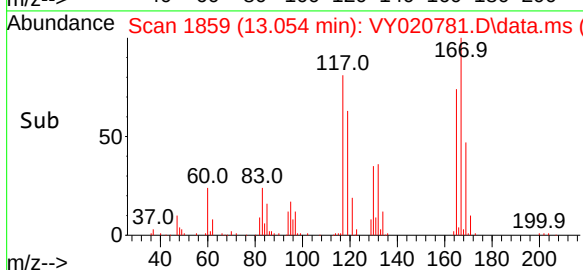
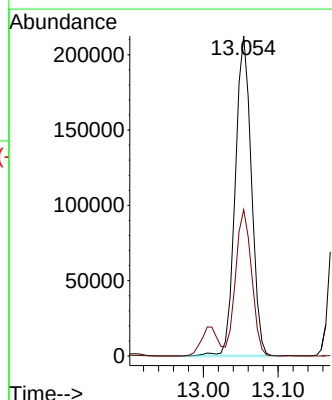
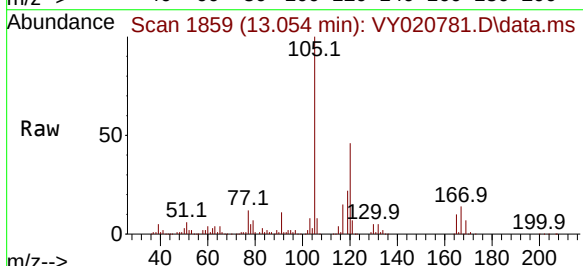
Acq: 06 Jan 2025 13:27

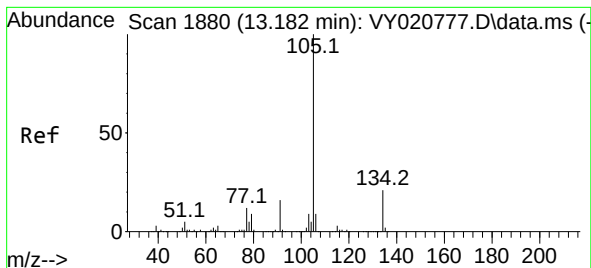
Tgt Ion:105 Resp: 318408

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 48.255 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

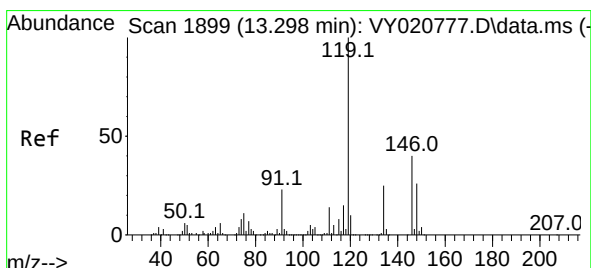
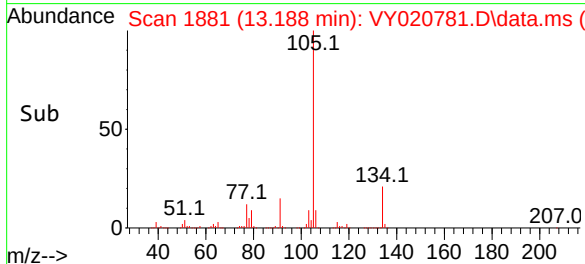
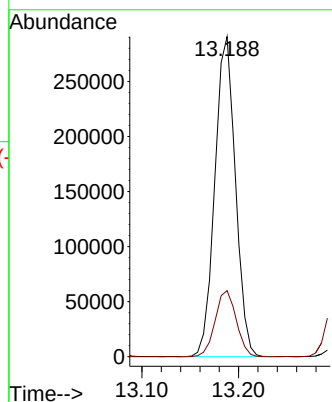
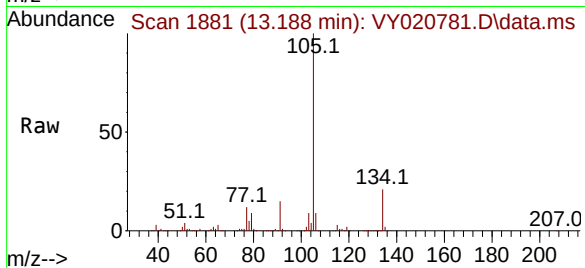
ClientSampleId :

Tgt Ion:105 Resp: 429395

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.5



#86

p-Isopropyltoluene

Concen: 48.234 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

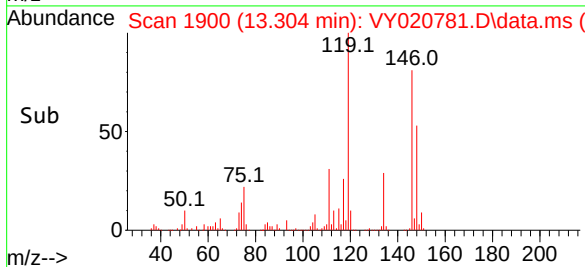
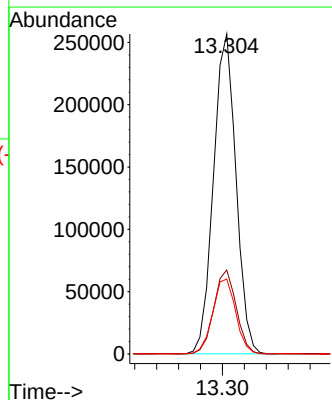
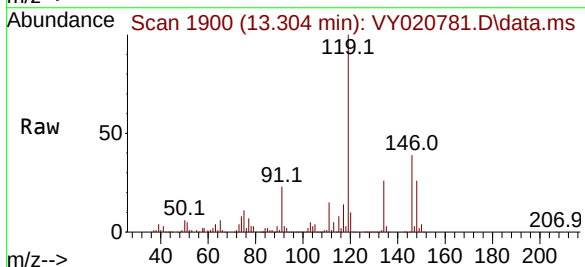
Tgt Ion:119 Resp: 366143

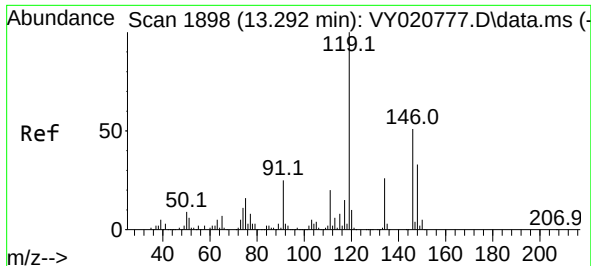
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 23.8 11.8 35.3

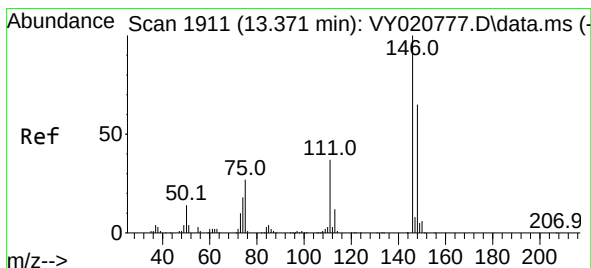
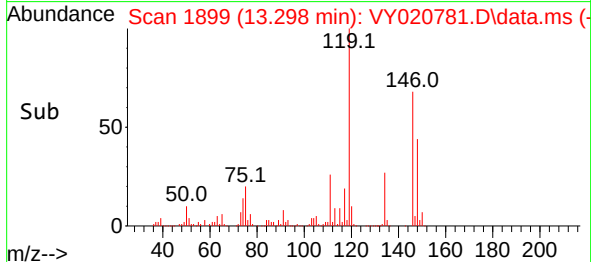
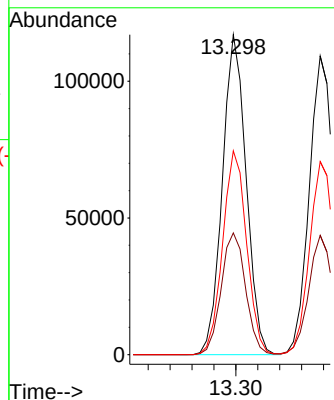
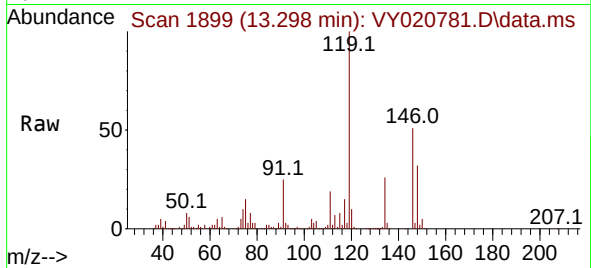




#87
1,3-Dichlorobenzene
Concen: 46.828 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

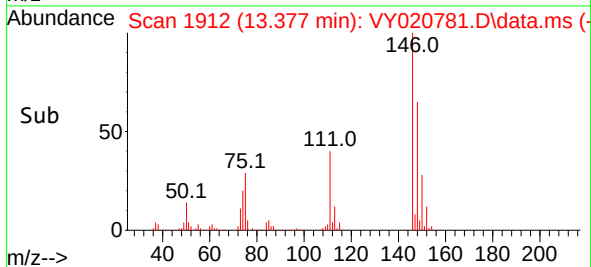
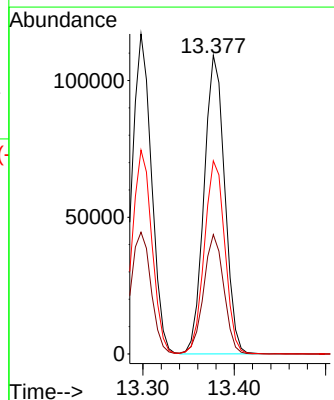
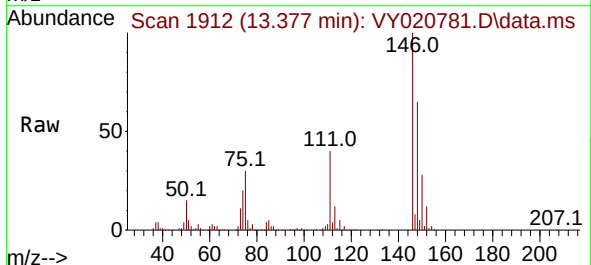
Instrument :
MSVOA_Y
ClientSampleId :

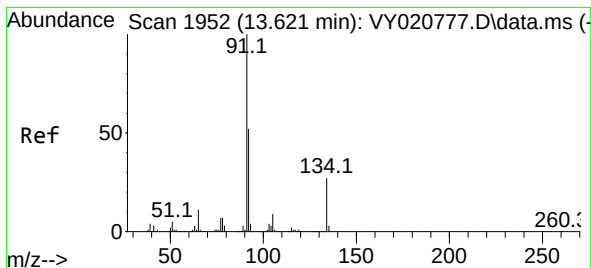
Tgt Ion:146 Resp: 176315
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 64.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 46.059 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion:146 Resp: 170706
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.3
148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 48.779 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

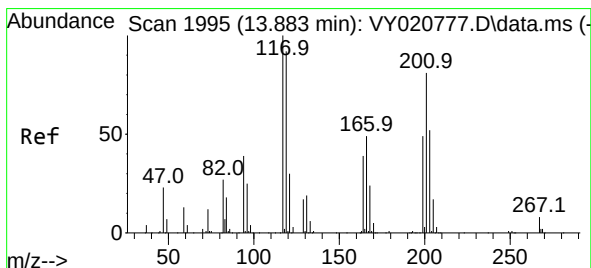
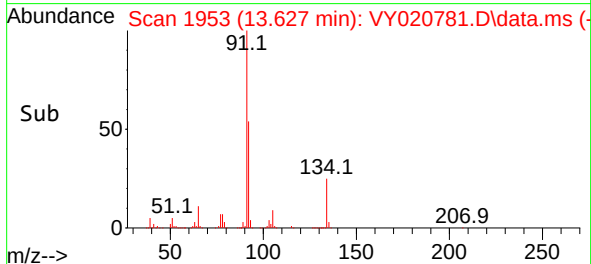
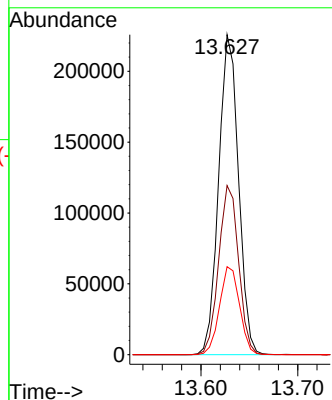
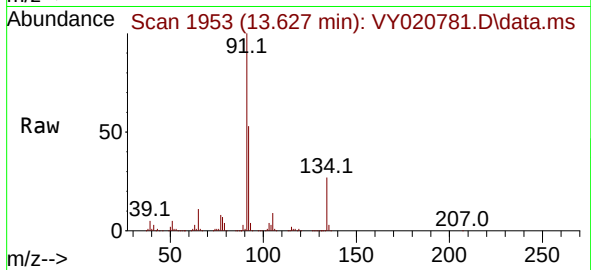
Tgt Ion: 91 Resp: 321237

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 27.8 13.8 41.4



#90

Hexachloroethane

Concen: 46.027 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020781.D

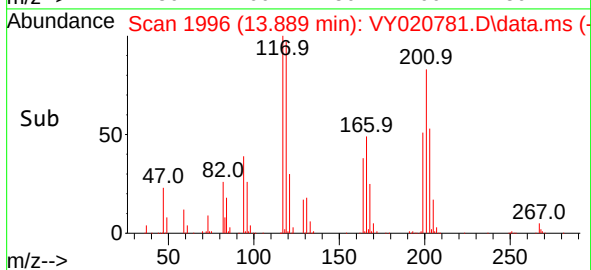
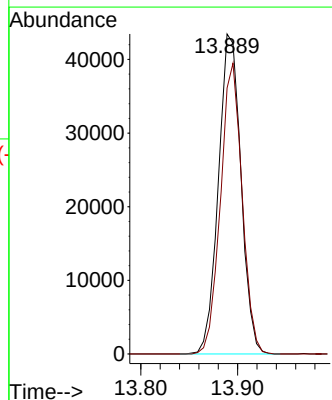
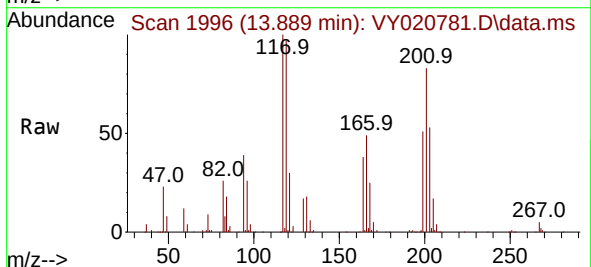
Acq: 06 Jan 2025 13:27

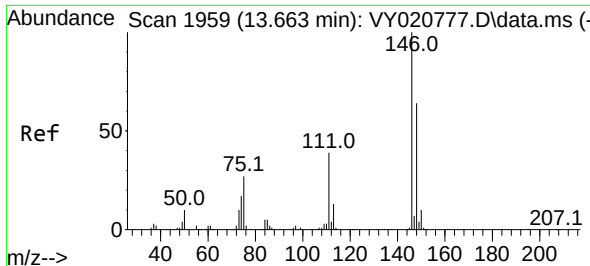
Tgt Ion: 117 Resp: 70157

Ion Ratio Lower Upper

117 100

201 87.2 42.9 128.7

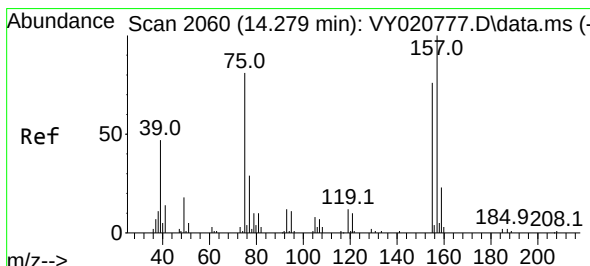
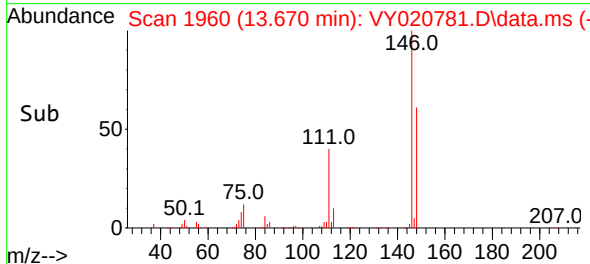
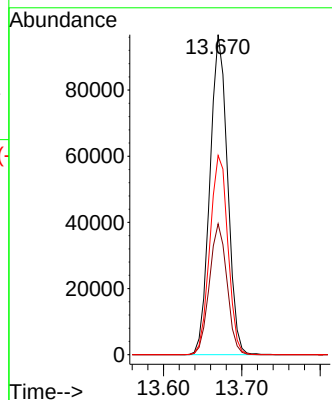
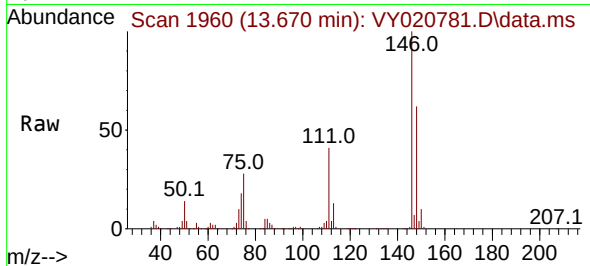




#91
1,2-Dichlorobenzene
Concen: 45.835 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

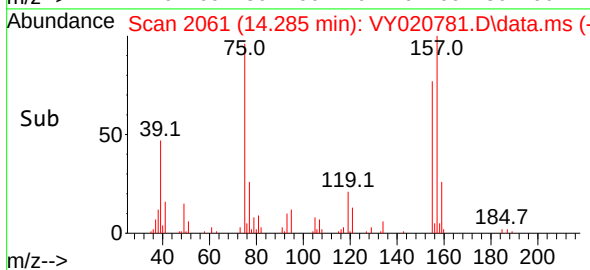
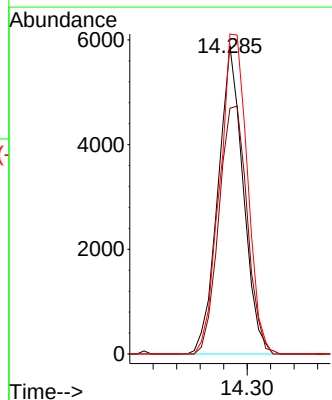
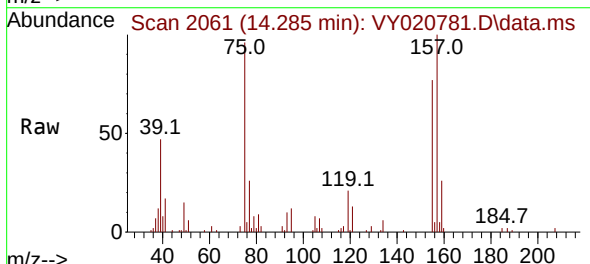
Instrument :
MSVOA_Y
ClientSampleId :

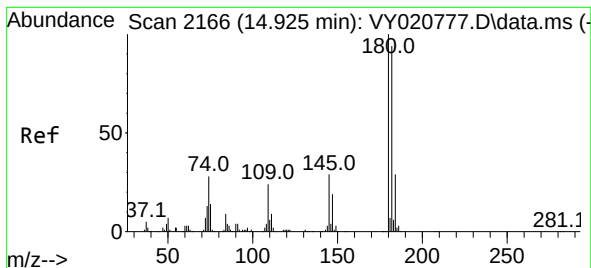
Tgt Ion:146 Resp: 150893
Ion Ratio Lower Upper
146 100
111 40.7 20.0 60.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.632 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020781.D
Acq: 06 Jan 2025 13:27

Tgt Ion: 75 Resp: 8781
Ion Ratio Lower Upper
75 100
155 90.1 45.5 136.5
157 113.3 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.848 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

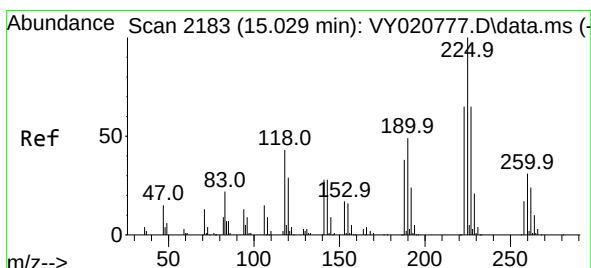
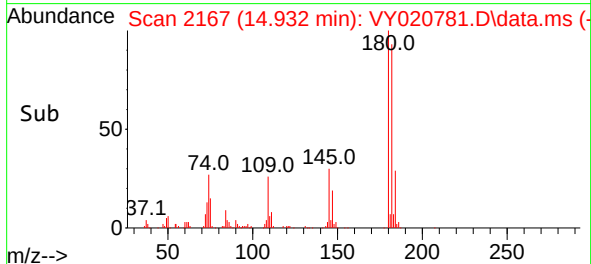
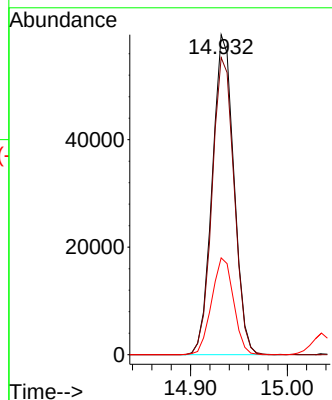
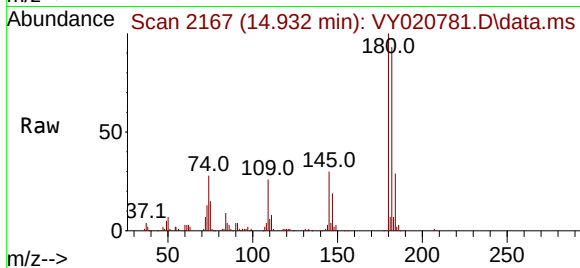
Tgt Ion:180 Resp: 92546

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 30.6 15.0 45.1



#94

Hexachlorobutadiene

Concen: 49.113 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

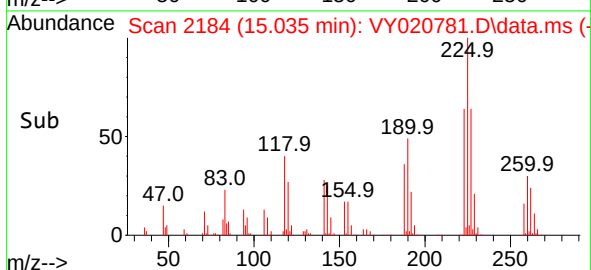
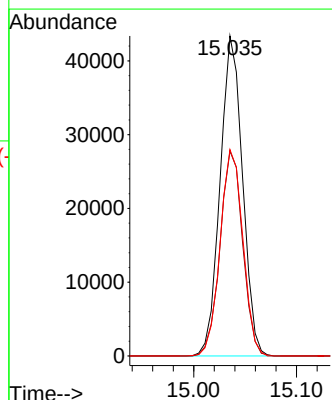
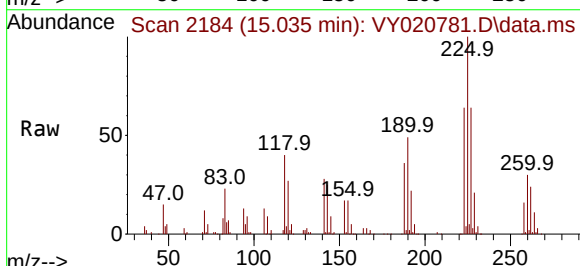
Tgt Ion:225 Resp: 65597

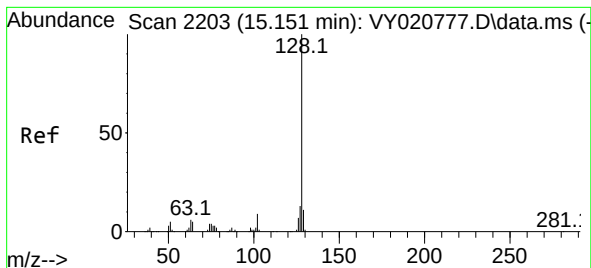
Ion Ratio Lower Upper

225 100

223 64.5 31.6 94.8

227 65.5 32.2 96.6





#95

Naphthalene

Concen: 46.538 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

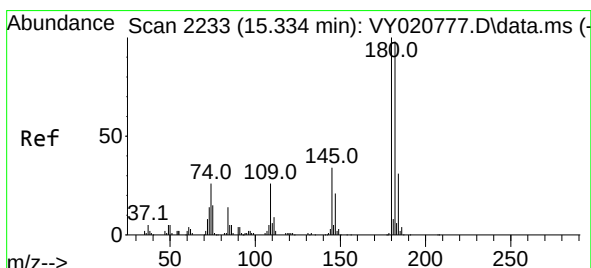
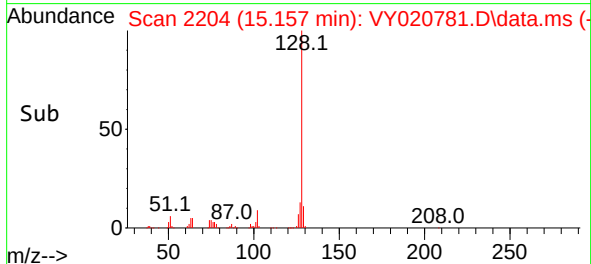
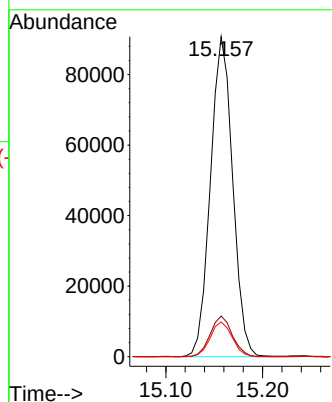
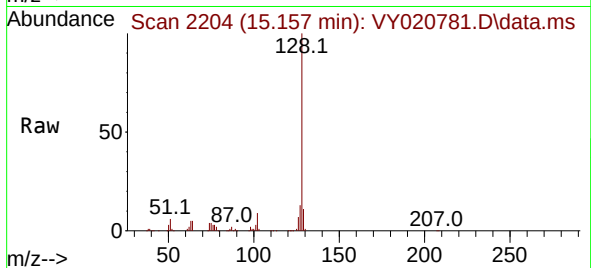
Tgt Ion:128 Resp: 145113

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.718 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY020781.D

Acq: 06 Jan 2025 13:27

Tgt Ion:180 Resp: 75741

Ion Ratio Lower Upper

180 100

182 95.4 48.1 144.3

145 31.7 16.1 48.2

