

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021177.D
 Acq On : 12 Feb 2025 12:12
 Operator : SY/MD
 Sample : VY0212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 03:46:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	136507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	210977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	179129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	87511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	69543	49.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.646	113	67172	49.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.115	98	260853	50.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.414	95	84356	50.163	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	21251	17.467	ug/l	100
3) Chloromethane	2.080	50	19180	15.976	ug/l	100
4) Vinyl Chloride	2.214	62	20133	16.661	ug/l	95
5) Bromomethane	2.611	94	12286	16.450	ug/l	97
6) Chloroethane	2.751	64	12299	17.098	ug/l	98
7) Trichlorofluoromethane	3.074	101	41300	18.760	ug/l	99
8) Diethyl Ether	3.470	74	12675	18.443	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	27276	19.741	ug/l	95
10) Methyl Iodide	4.025	142	23427	15.261	ug/l	90
11) Tert butyl alcohol	4.891	59	9158	96.625	ug/l	98
12) 1,1-Dichloroethene	3.806	96	22668	17.416	ug/l	93
13) Acrolein	3.671	56	11238	77.000	ug/l	99
14) Allyl chloride	4.403	41	41539	18.936	ug/l	94
15) Acrylonitrile	5.080	53	27689	96.751	ug/l	96
16) Acetone	3.891	43	21688	99.435	ug/l	92
17) Carbon Disulfide	4.129	76	49125	12.036	ug/l	99
18) Methyl Acetate	4.403	43	14690	19.186	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	65120	19.795	ug/l	99
20) Methylene Chloride	4.635	84	25941	19.132	ug/l	94
21) trans-1,2-Dichloroethene	5.135	96	24824	17.327	ug/l	86
22) Diisopropyl ether	6.037	45	95590	21.141	ug/l	96
23) Vinyl Acetate	5.976	43	248775	98.699	ug/l	98
24) 1,1-Dichloroethane	5.933	63	53696	20.270	ug/l	98
25) 2-Butanone	6.915	43	35287	98.452	ug/l	94
26) 2,2-Dichloropropane	6.896	77	50894	20.763	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	33107	20.076	ug/l	93
28) Bromochloromethane	7.256	49	19019	18.156	ug/l	96
29) Tetrahydrofuran	7.274	42	22430	92.484	ug/l	96
30) Chloroform	7.433	83	57540	21.147	ug/l	95
31) Cyclohexane	7.713	56	40850	17.124	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	53053	20.971	ug/l	99
36) 1,1-Dichloropropene	7.848	75	37549	18.749	ug/l	98
37) Ethyl Acetate	7.000	43	16594	18.888	ug/l	99
38) Carbon Tetrachloride	7.829	117	47573	20.330	ug/l	94
39) Methylcyclohexane	9.116	83	42788	17.467	ug/l	95
40) Benzene	8.091	78	114913	19.553	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	9935	19.547	ug/l	97
42) 1,2-Dichloroethane	8.171	62	33607	20.614	ug/l	96
43) Isopropyl Acetate	8.207	43	34676	19.864	ug/l	97
44) Trichloroethene	8.872	130	29622	19.509	ug/l	94
45) 1,2-Dichloropropane	9.152	63	29539	21.176	ug/l	100
46) Dibromomethane	9.244	93	15214	19.698	ug/l	96
47) Bromodichloromethane	9.433	83	43899	21.193	ug/l	98
48) Methyl methacrylate	9.231	41	15280	19.216	ug/l	93
49) 1,4-Dioxane	9.250	88	2859	397.637	ug/l #	88
51) 4-Methyl-2-Pentanone	10.006	43	87806	100.023	ug/l	95
52) Toluene	10.176	92	73707	19.973	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	37856	20.353	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	44524	20.218	ug/l #	89
55) 1,1,2-Trichloroethane	10.579	97	20174	20.171	ug/l	95
56) Ethyl methacrylate	10.445	69	25694	19.204	ug/l	90
57) 1,3-Dichloropropane	10.725	76	34771	20.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	58166	91.380	ug/l	99
59) 2-Hexanone	10.768	43	54955	97.228	ug/l	95
60) Dibromochloromethane	10.920	129	29030	20.669	ug/l	98
61) 1,2-Dibromoethane	11.024	107	18347	19.585	ug/l	100
64) Tetrachloroethene	10.658	164	25580	19.237	ug/l	96
65) Chlorobenzene	11.451	112	82068	20.576	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	30486	21.508	ug/l	98
67) Ethyl Benzene	11.530	91	145753	20.660	ug/l	99
68) m/p-Xylenes	11.633	106	108851	41.244	ug/l	96
69) o-Xylene	11.963	106	50695	20.603	ug/l	97
70) Styrene	11.975	104	87571	21.353	ug/l	99
71) Bromoform	12.139	173	16369	20.747	ug/l #	99
73) Isopropylbenzene	12.261	105	142702	20.876	ug/l	99
74) N-amyl acetate	12.079	43	29375	19.655	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	22794	20.049	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	30910	38.938	ug/l #	100
77) Bromobenzene	12.542	156	32185	20.403	ug/l	94
78) n-propylbenzene	12.603	91	172314	21.161	ug/l	99
79) 2-Chlorotoluene	12.688	91	96640	20.721	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	118483	21.378	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	7680	19.741	ug/l	95
82) 4-Chlorotoluene	12.786	91	101592	21.379	ug/l	99
83) tert-Butylbenzene	13.005	119	108044	21.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	117045	21.599	ug/l	100
85) sec-Butylbenzene	13.182	105	157624	21.736	ug/l	99
86) p-Isopropyltoluene	13.298	119	128674	21.361	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	63685	20.908	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	62387	20.802	ug/l	97
89) n-Butylbenzene	13.627	91	119683	21.779	ug/l	98
90) Hexachloroethane	13.889	117	27757	22.088	ug/l	88
91) 1,2-Dichlorobenzene	13.664	146	55608	21.034	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3161	18.606	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	29484	20.036	ug/l	98
94) Hexachlorobutadiene	15.029	225	21196	21.736	ug/l	97
95) Naphthalene	15.151	128	43665	18.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	24018	19.613	ug/l	97

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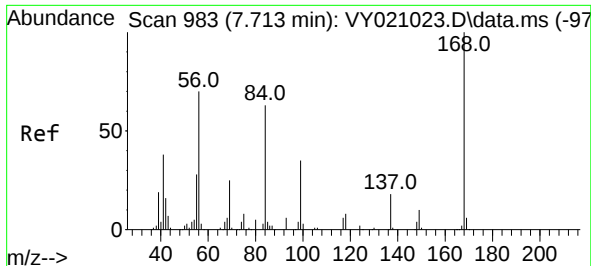
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QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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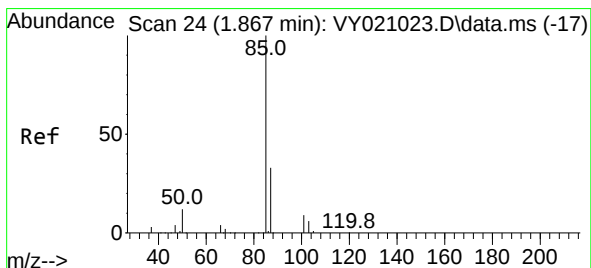
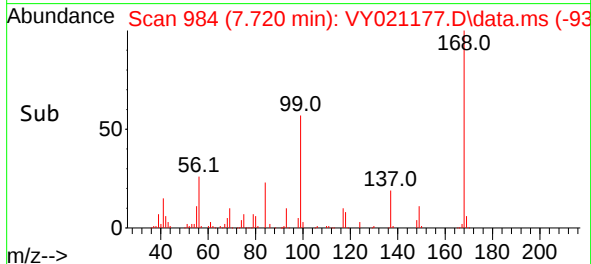
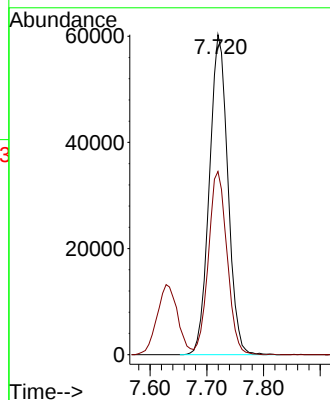
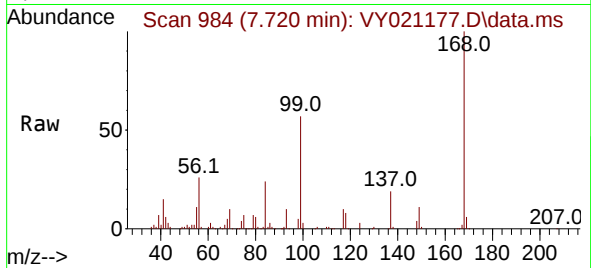




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

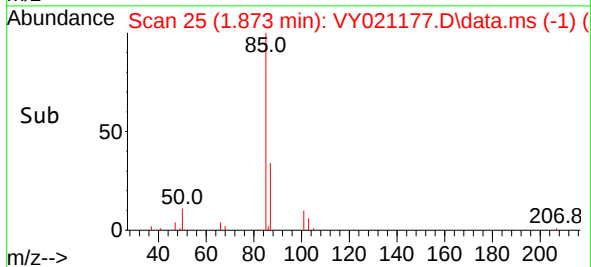
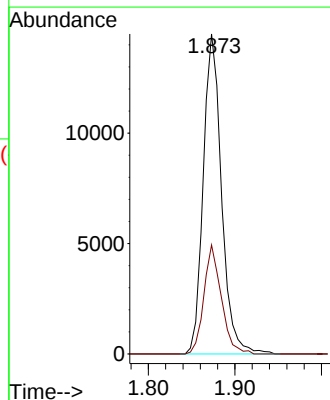
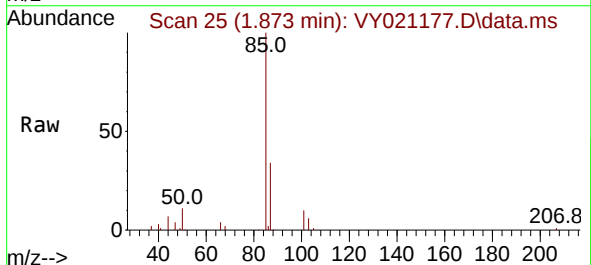
Instrument :
MSVOA_Y
ClientSampleId :

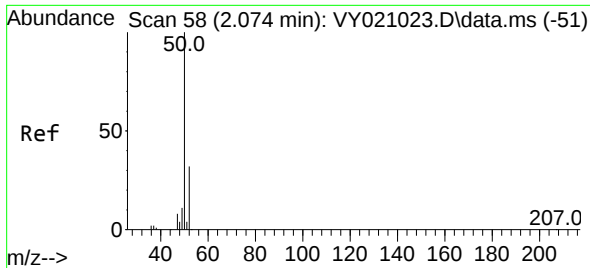
Tgt Ion:168 Resp: 136507
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.467 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 85 Resp: 21251
Ion Ratio Lower Upper
85 100
87 34.1 17.1 51.3

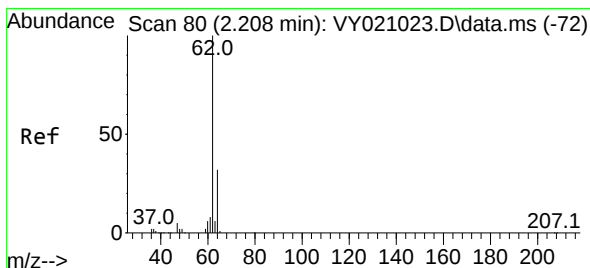
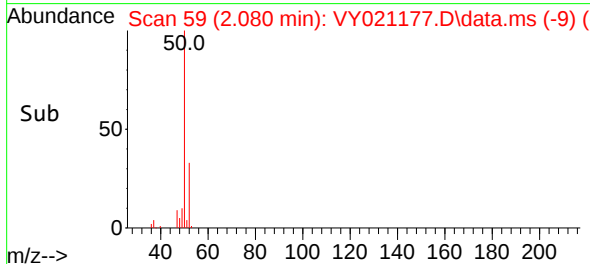
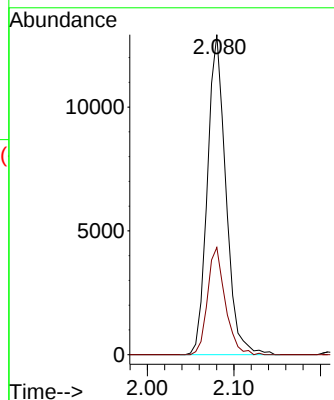
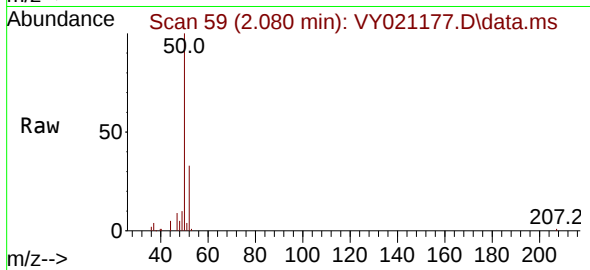




#3
Chloromethane
Concen: 15.976 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

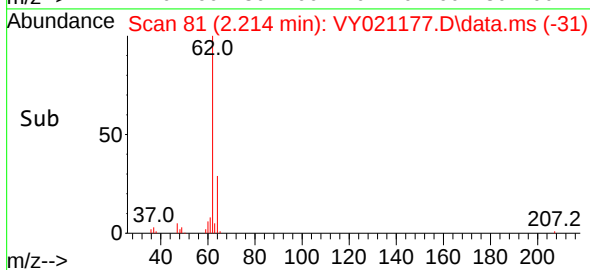
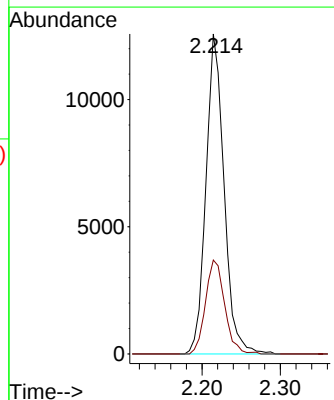
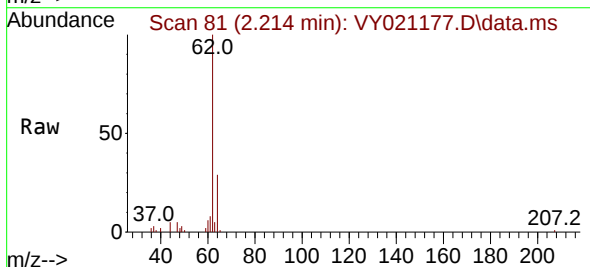
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ClientSampleId :

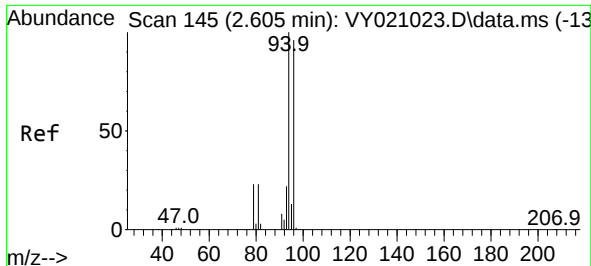
Tgt Ion: 50 Resp: 19180
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 16.661 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 62 Resp: 20133
Ion Ratio Lower Upper
62 100
64 29.4 25.7 38.5

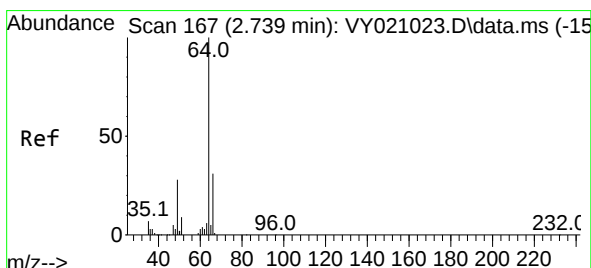
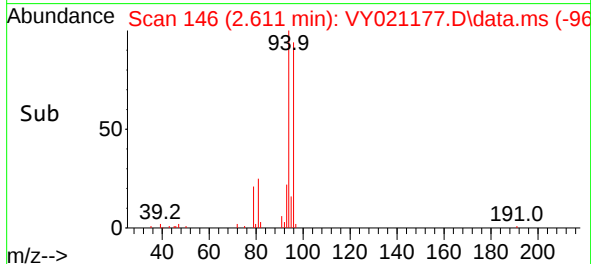
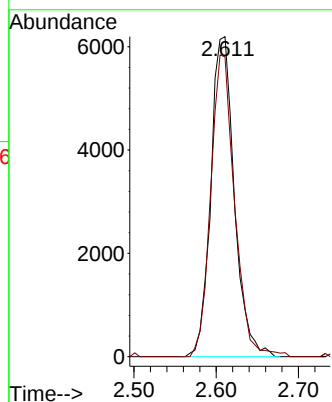
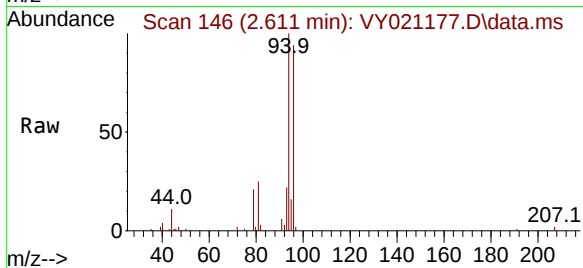




#5
Bromomethane
Concen: 16.450 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

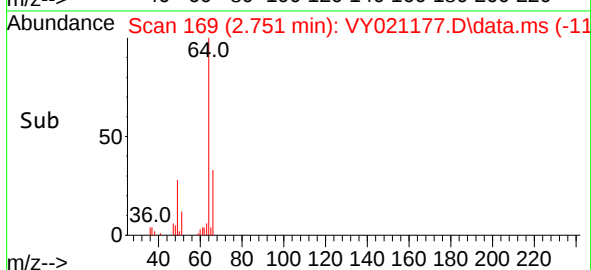
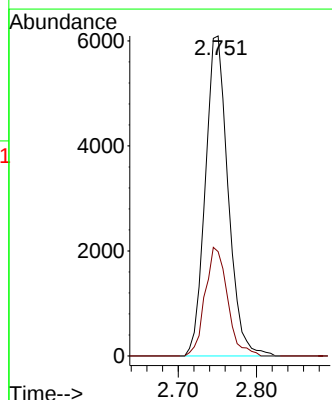
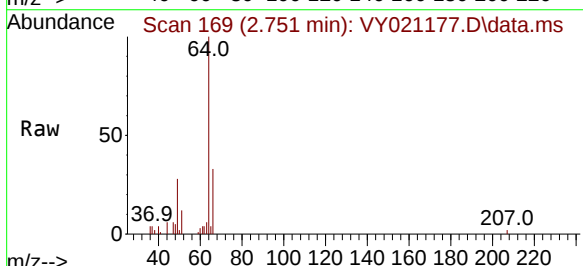
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 12286
Ion Ratio Lower Upper
94 100
96 93.7 77.3 115.9



#6
Chloroethane
Concen: 17.098 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 64 Resp: 12299
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7

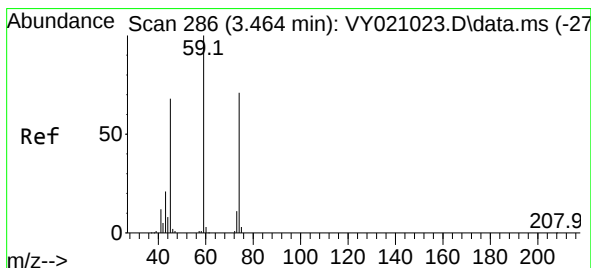
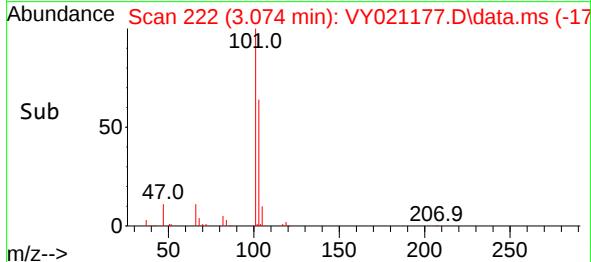
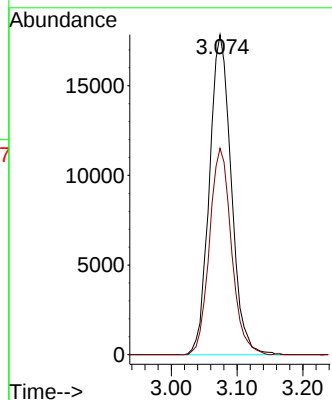
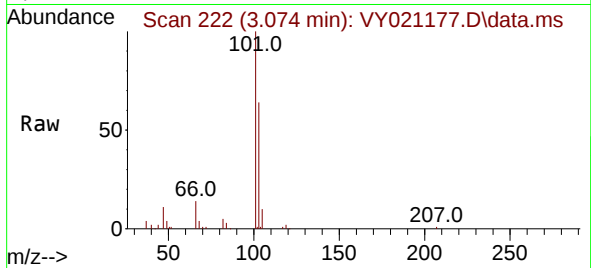




#7
 Trichlorofluoromethane
 Concen: 18.760 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021177.D
 Acq: 12 Feb 2025 12:12

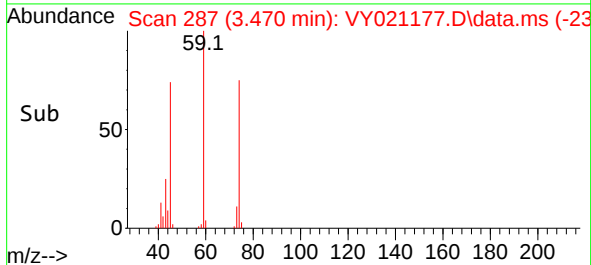
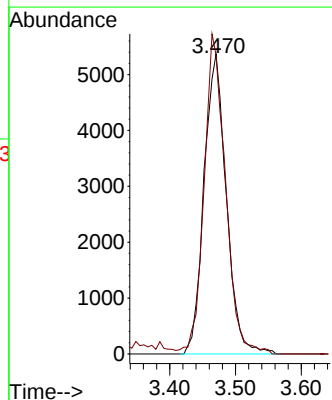
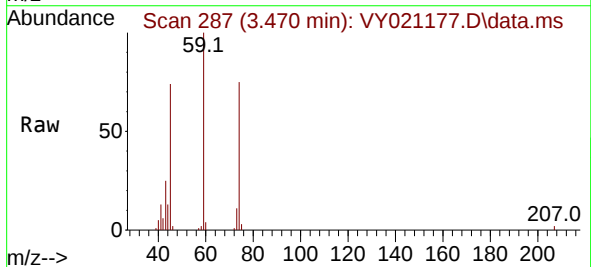
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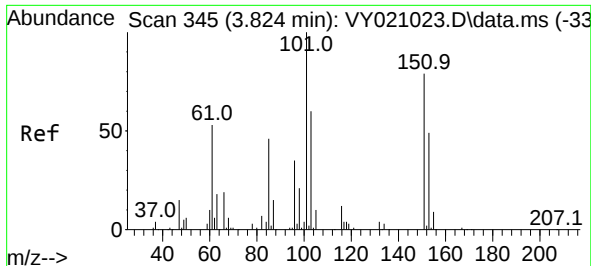
Tgt Ion:101 Resp: 41300
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 18.443 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY021177.D
 Acq: 12 Feb 2025 12:12

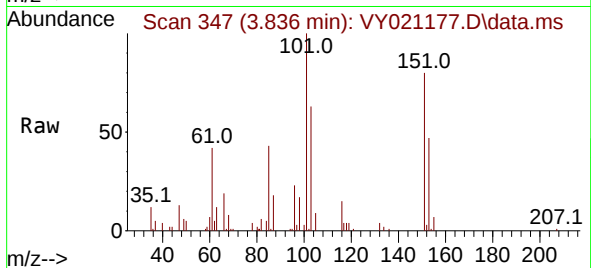
Tgt Ion: 74 Resp: 12675
 Ion Ratio Lower Upper
 74 100
 45 102.2 47.9 143.7



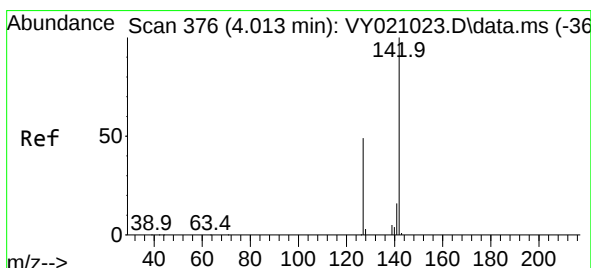
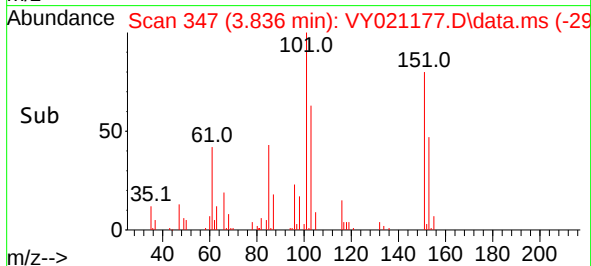
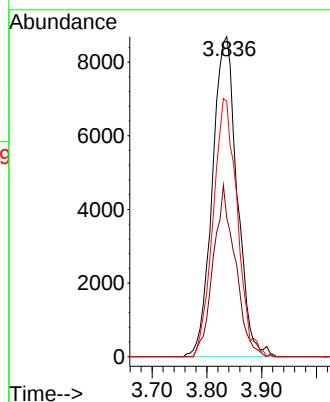


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.741 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

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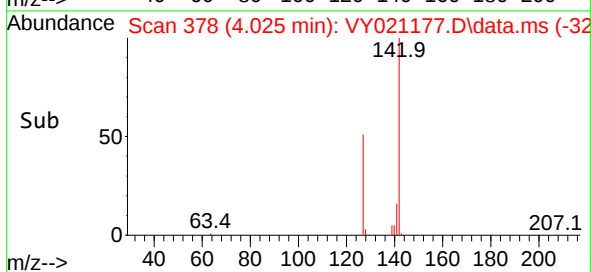
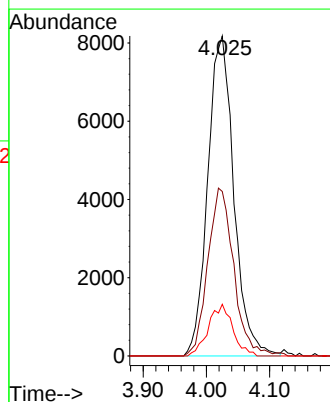
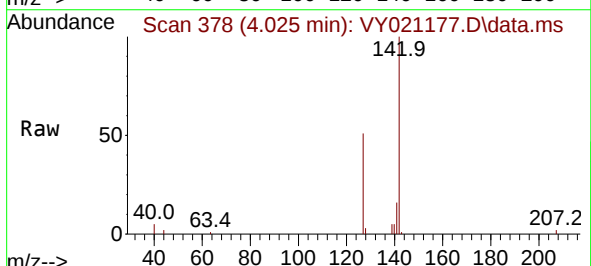


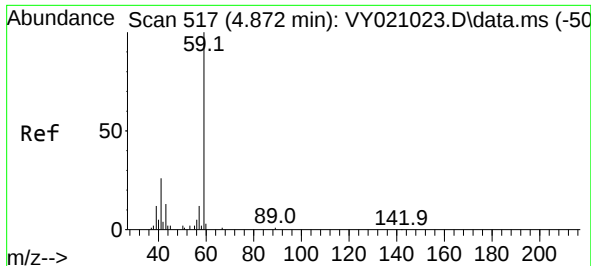
Tgt Ion:	101	Resp:	27276
Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.8	53.6
151	78.5	58.6	88.0



#10
Methyl Iodide
Concen: 15.261 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:	142	Resp:	23427
Ion	Ratio	Lower	Upper
142	100		
127	52.3	35.1	52.7
141	15.1	11.8	17.6

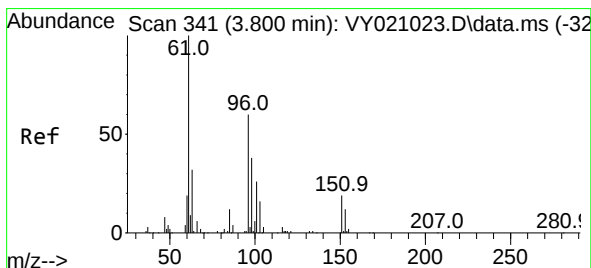
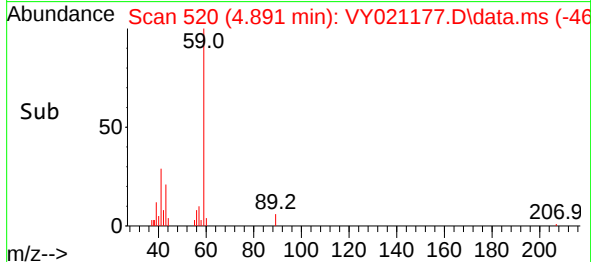
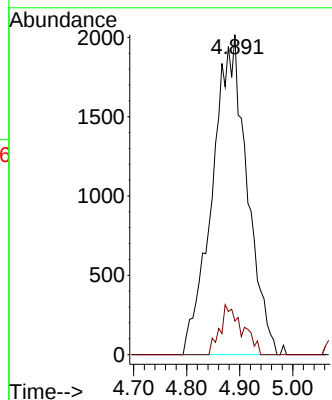
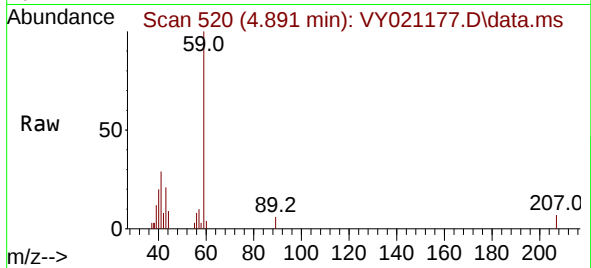




#11
Tert butyl alcohol
Concen: 96.625 ug/l
RT: 4.891 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

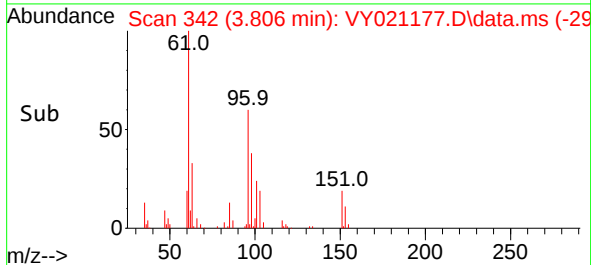
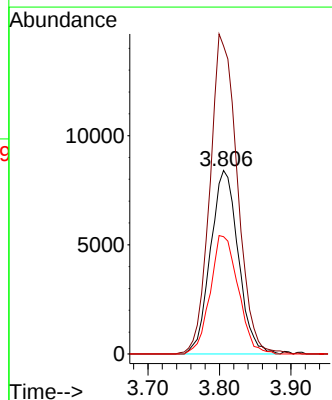
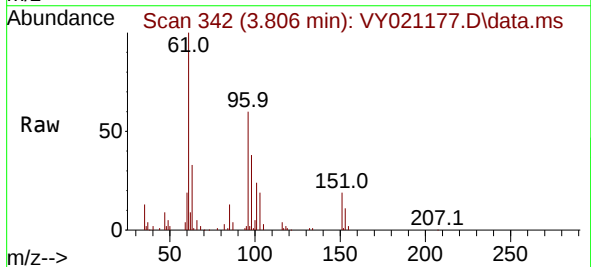
Instrument :
MSVOA_Y
ClientSampleId :

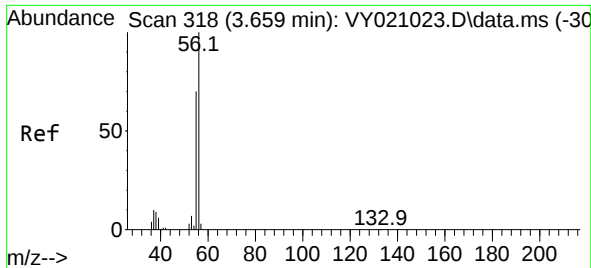
Tgt Ion: 59 Resp: 9158
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 17.416 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 96 Resp: 22668
Ion Ratio Lower Upper
96 100
61 167.2 124.2 186.2
98 63.9 52.6 79.0





#13

Acrolein

Concen: 77.000 ug/l

RT: 3.671 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

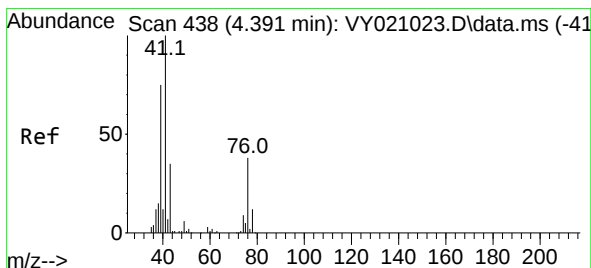
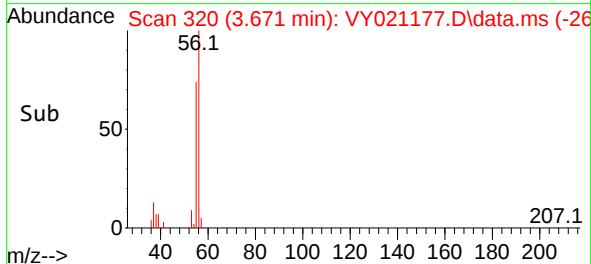
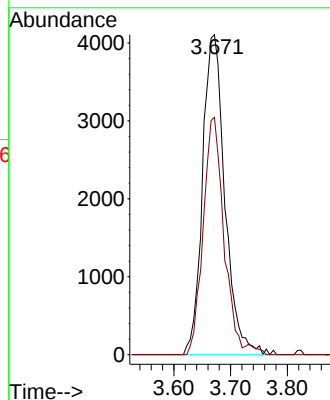
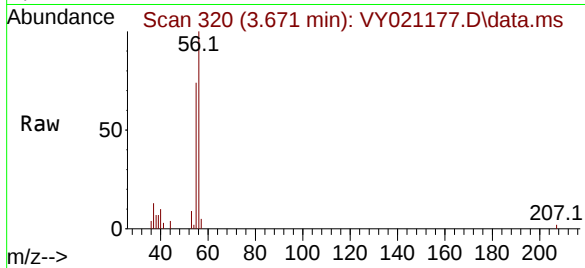
ClientSampleId :

Tgt Ion: 56 Resp: 11238

Ion Ratio Lower Upper

56 100

55 68.1 55.4 83.0



#14

Allyl chloride

Concen: 18.936 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

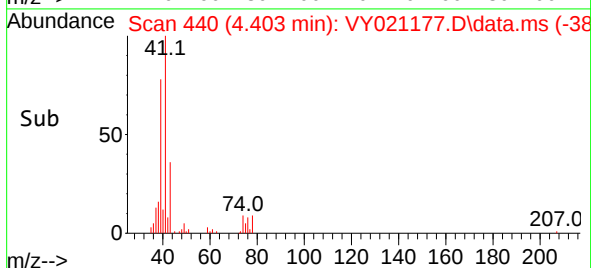
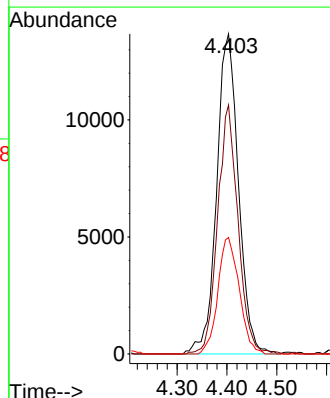
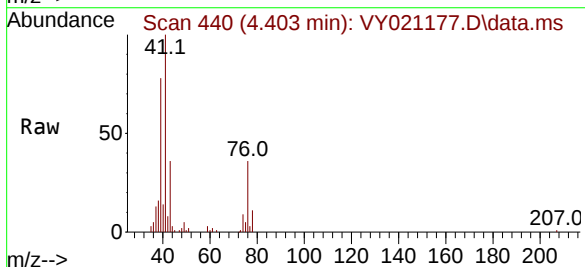
Tgt Ion: 41 Resp: 41539

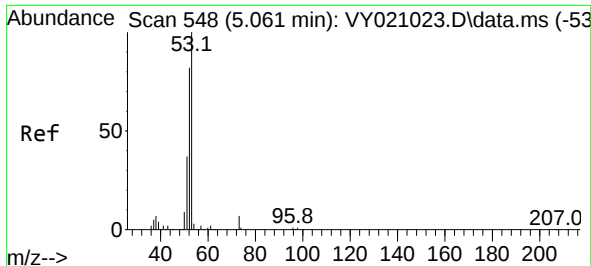
Ion Ratio Lower Upper

41 100

39 72.6 54.7 82.1

76 35.6 31.8 47.6

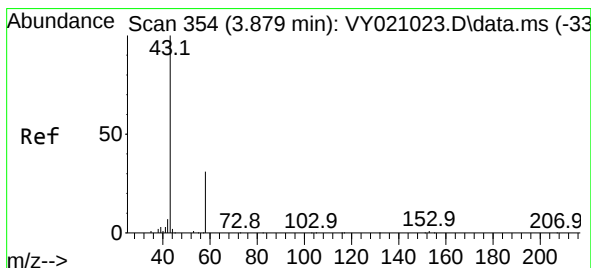
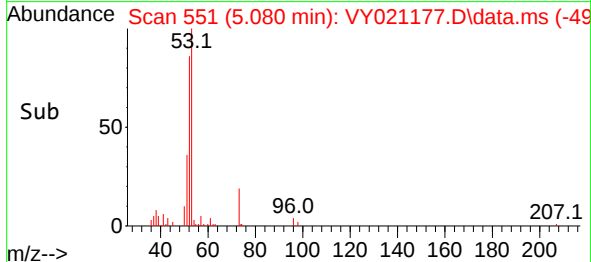
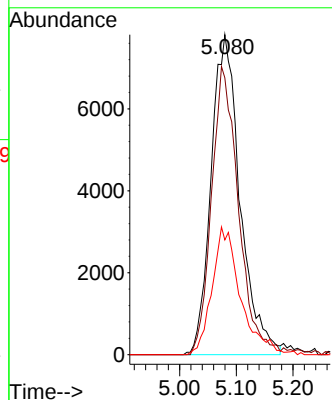
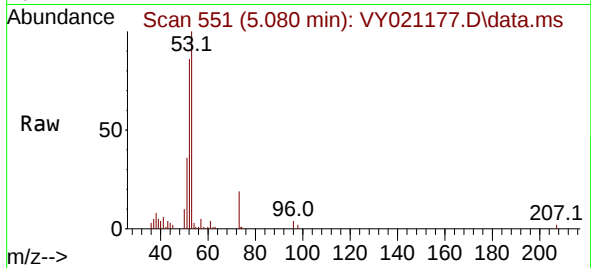




#15
Acrylonitrile
Concen: 96.751 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

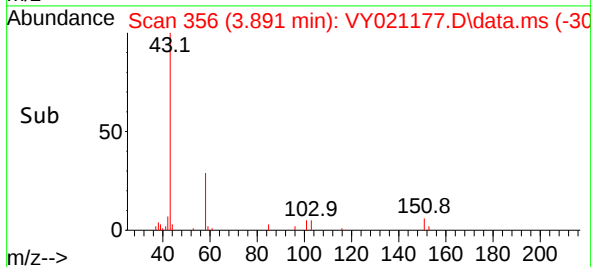
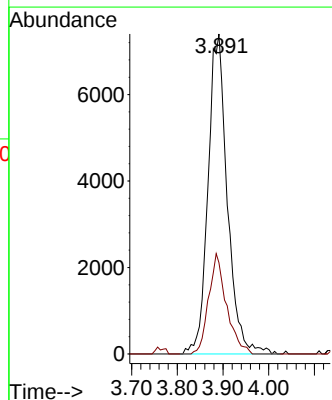
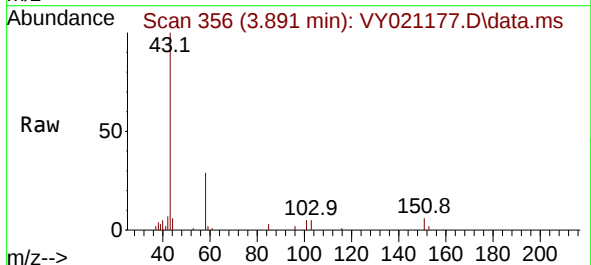
Instrument :
MSVOA_Y
ClientSampleId :

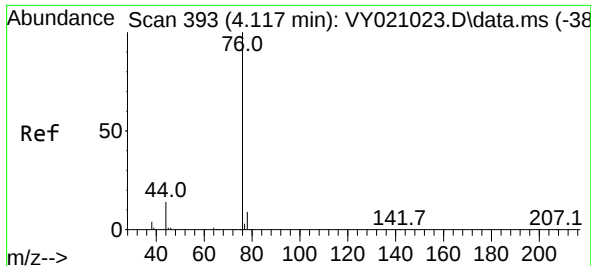
Tgt Ion: 53 Resp: 27689
Ion Ratio Lower Upper
53 100
52 84.7 65.1 97.7
51 39.4 29.0 43.4



#16
Acetone
Concen: 99.435 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 43 Resp: 21688
Ion Ratio Lower Upper
43 100
58 28.6 26.6 39.8

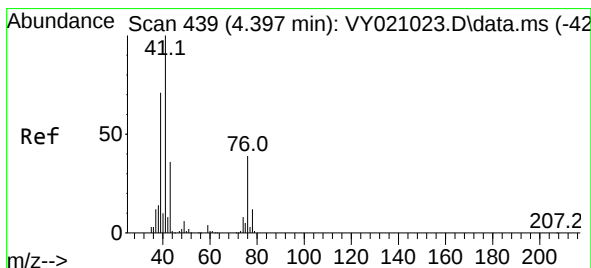
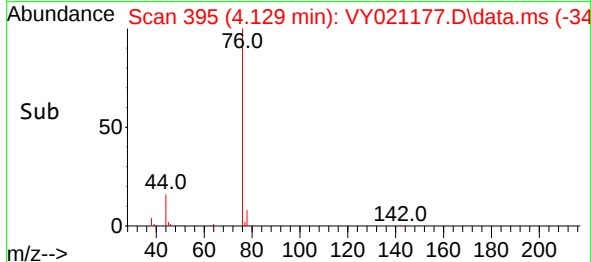
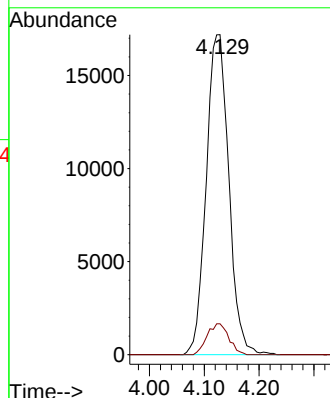
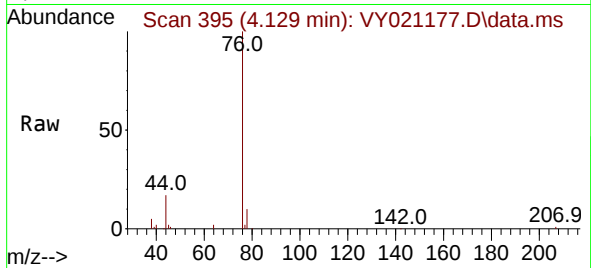




#17
Carbon Disulfide
Concen: 12.036 ug/l
RT: 4.129 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

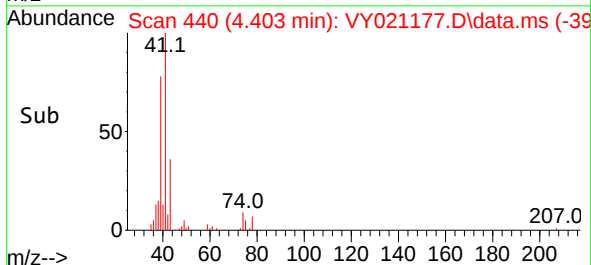
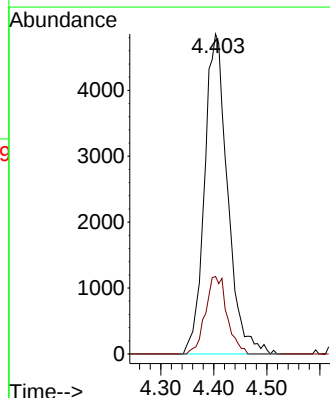
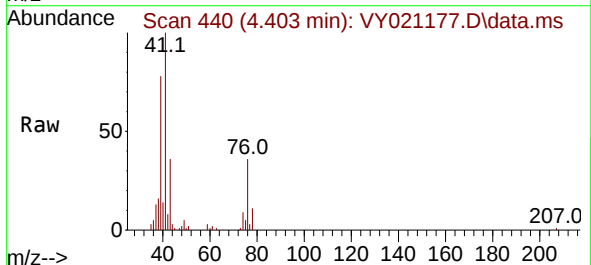
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 49125
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.186 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

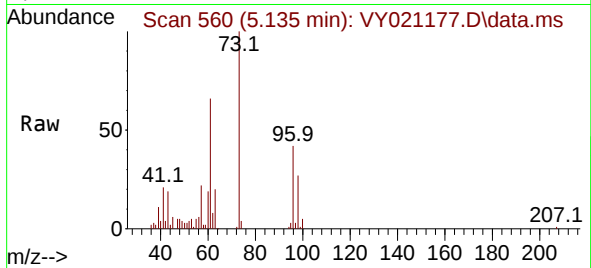
Tgt Ion: 43 Resp: 14690
Ion Ratio Lower Upper
43 100
74 22.7 19.8 29.6



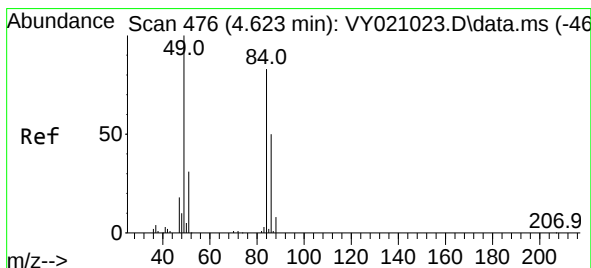
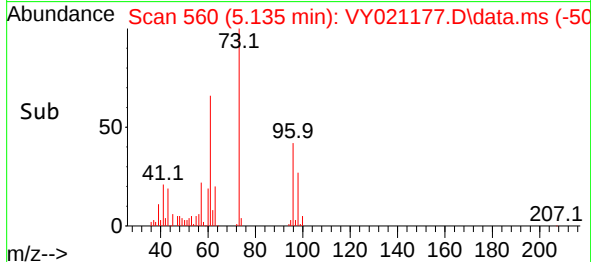
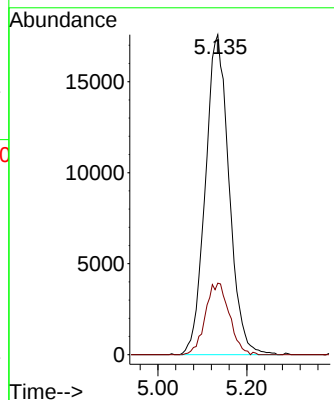


#19
Methyl tert-butyl Ether
Concen: 19.795 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Instrument :
MSVOA_Y
ClientSampleId :

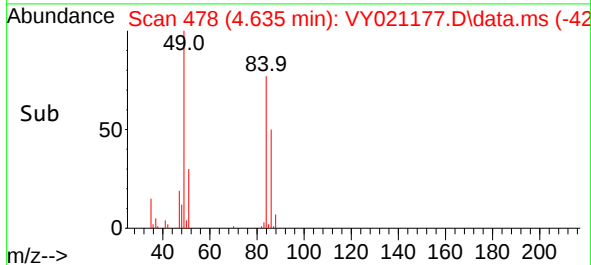
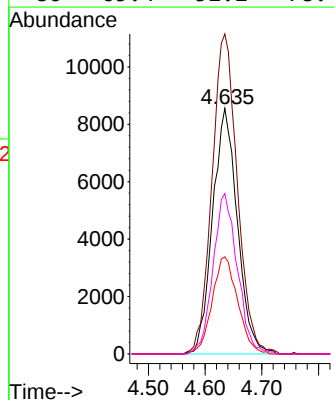
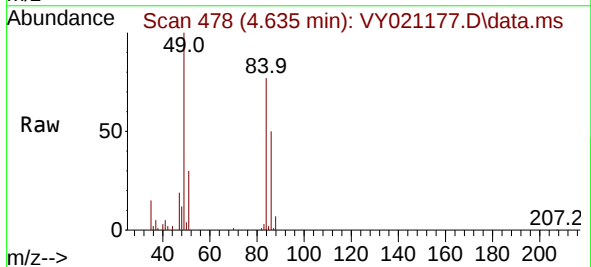


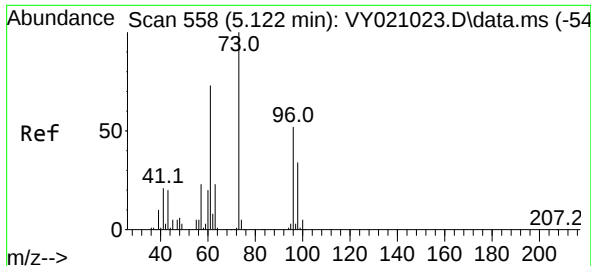
Tgt Ion: 73 Resp: 65120
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 19.132 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

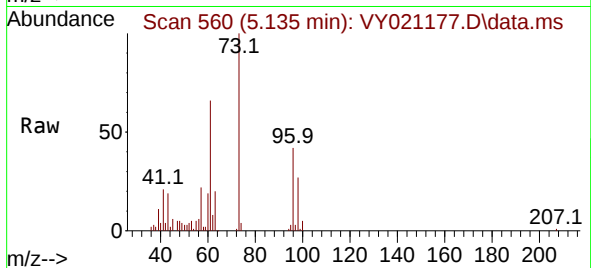
Tgt Ion: 84 Resp: 25941
Ion Ratio Lower Upper
84 100
49 130.4 95.2 142.8
51 39.6 29.9 44.9
86 65.4 52.2 78.4



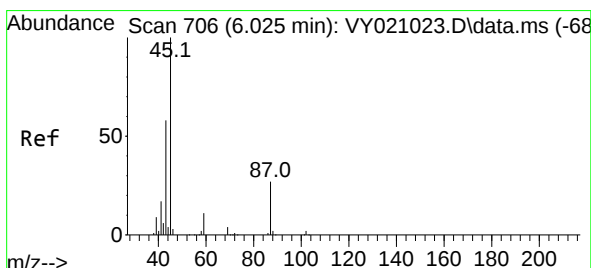
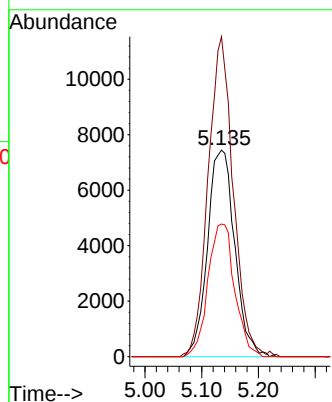
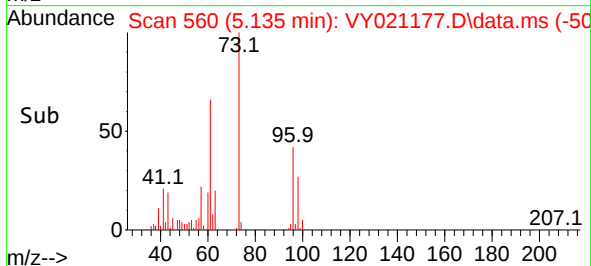


#21
trans-1,2-Dichloroethene
Concen: 17.327 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

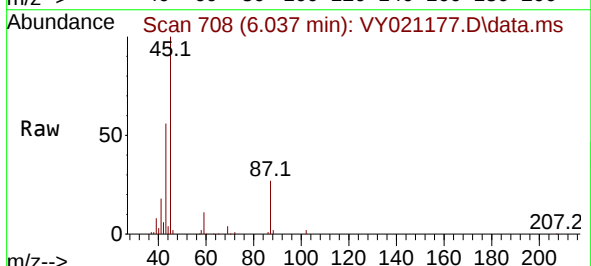
Instrument :
MSVOA_Y
ClientSampleId :



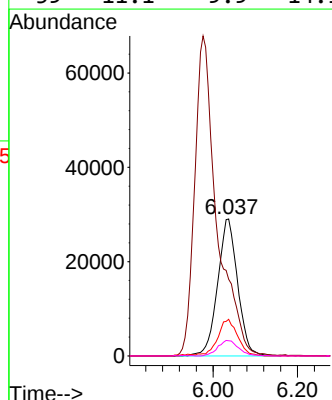
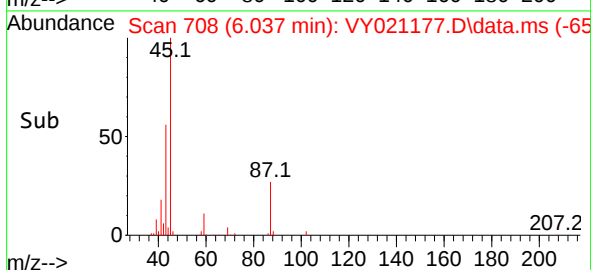
Tgt Ion: 96 Resp: 24824
Ion Ratio Lower Upper
96 100
61 155.0 104.6 156.8
98 64.2 50.9 76.3

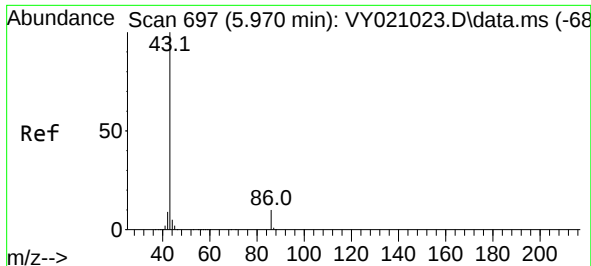


#22
Diisopropyl ether
Concen: 21.141 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12



Tgt Ion: 45 Resp: 95590
Ion Ratio Lower Upper
45 100
43 55.3 46.8 70.2
87 26.7 22.2 33.2
59 11.1 9.9 14.9

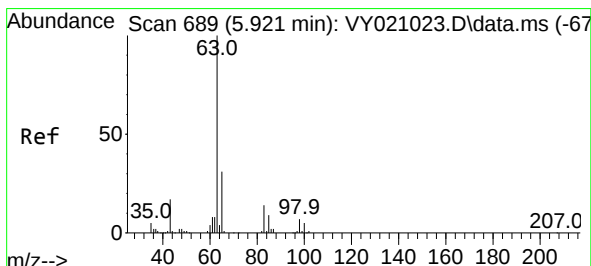
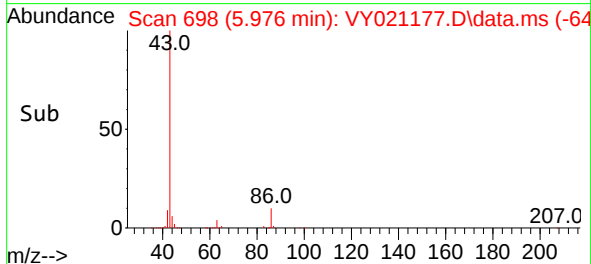
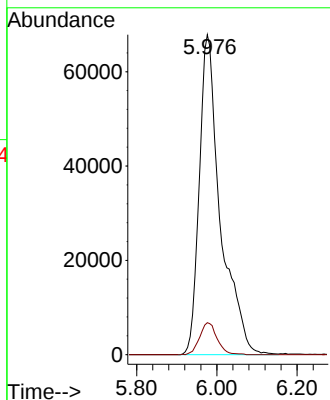
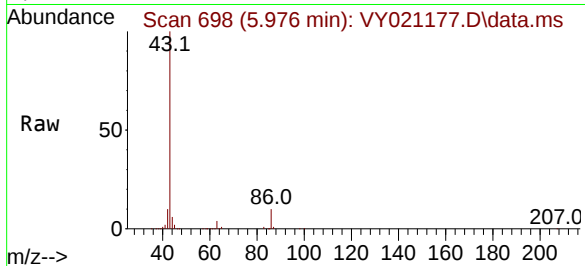




#23
 Vinyl Acetate
 Concen: 98.699 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY021177.D
 Acq: 12 Feb 2025 12:12

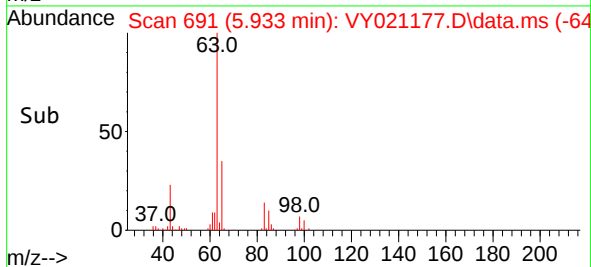
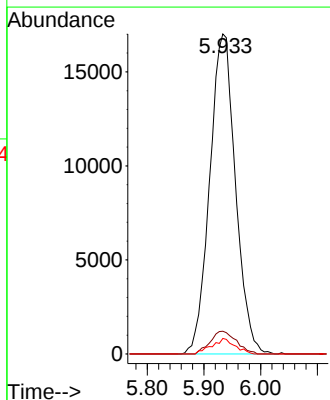
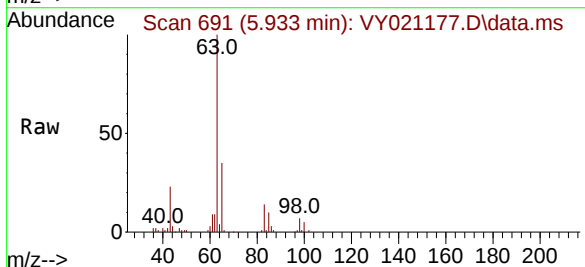
Instrument :
 MSVOA_Y
 ClientSampleId :

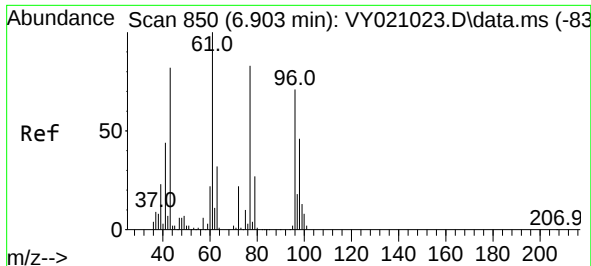
Tgt Ion: 43 Resp: 248775
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.270 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021177.D
 Acq: 12 Feb 2025 12:12

Tgt Ion: 63 Resp: 53696
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 98.452 ug/l

RT: 6.915 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

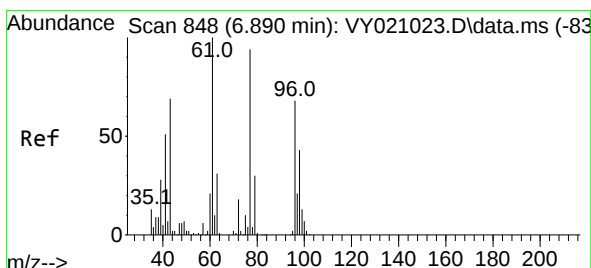
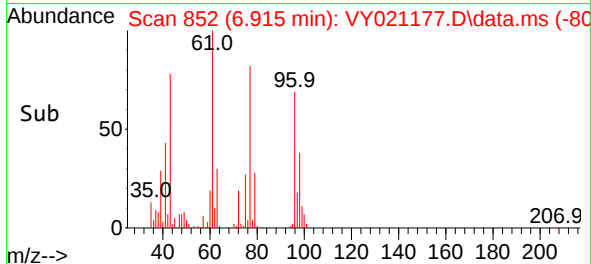
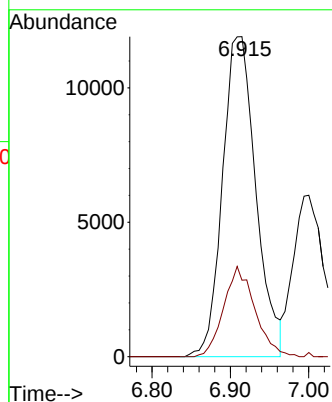
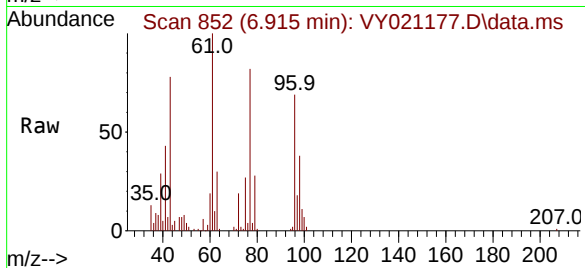
ClientSampleId :

Tgt Ion: 43 Resp: 35287

Ion Ratio Lower Upper

43 100

72 23.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.763 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021177.D

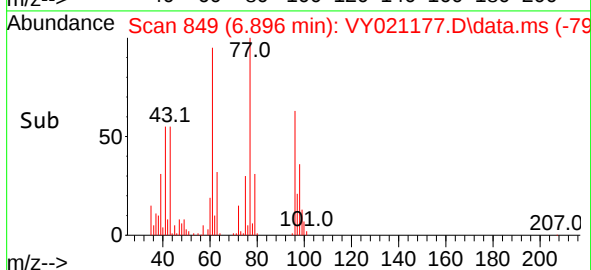
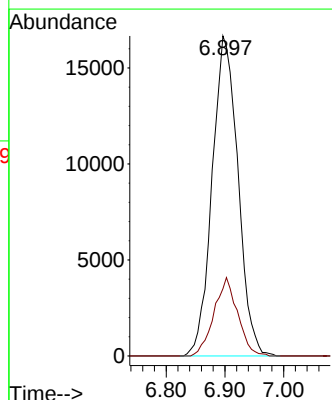
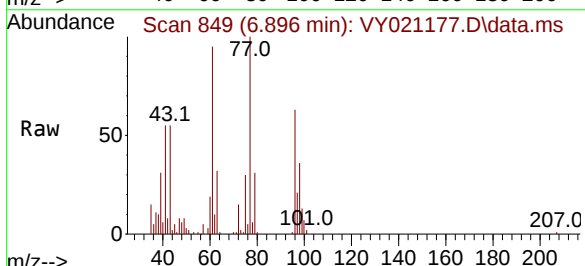
Acq: 12 Feb 2025 12:12

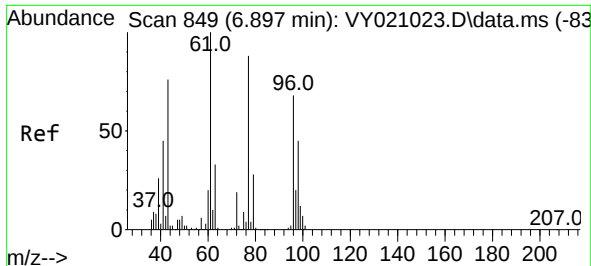
Tgt Ion: 77 Resp: 50894

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.076 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

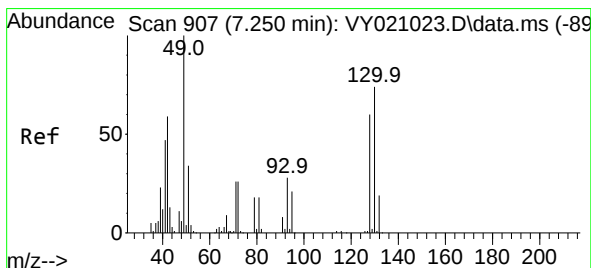
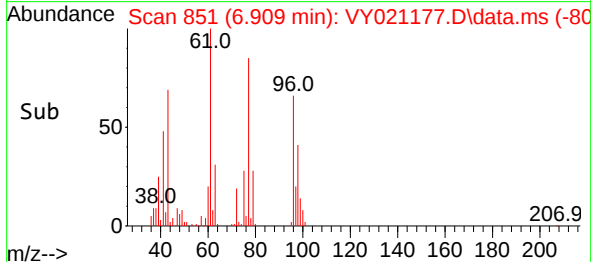
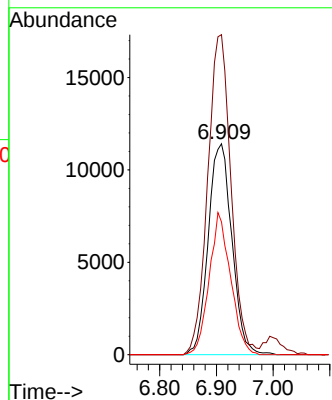
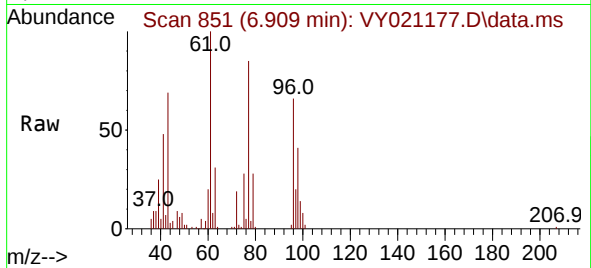
Tgt Ion: 96 Resp: 33107

Ion Ratio Lower Upper

96 100

61 149.5 0.0 278.8

98 60.9 0.0 127.0



#28

Bromochloromethane

Concen: 18.156 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

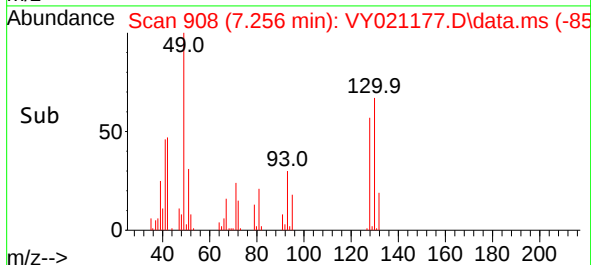
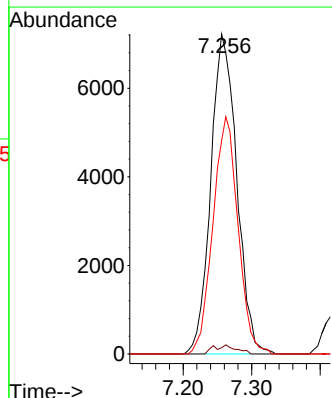
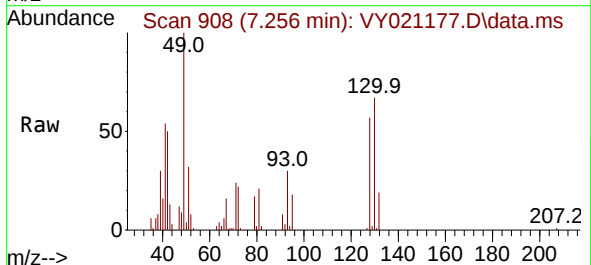
Tgt Ion: 49 Resp: 19019

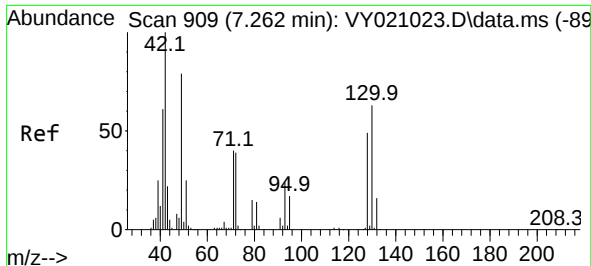
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 71.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 92.484 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021177.D

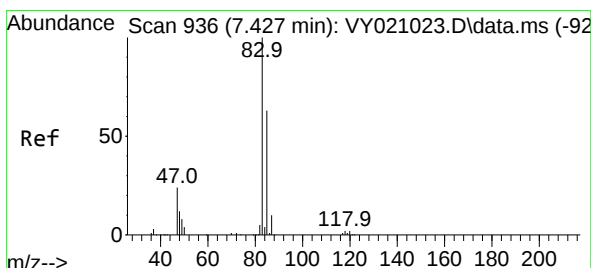
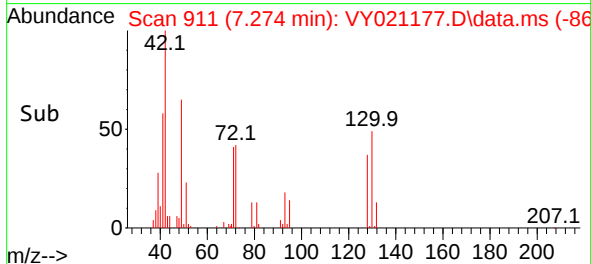
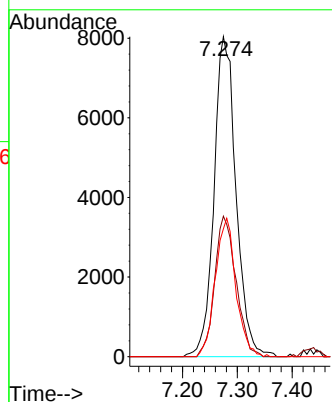
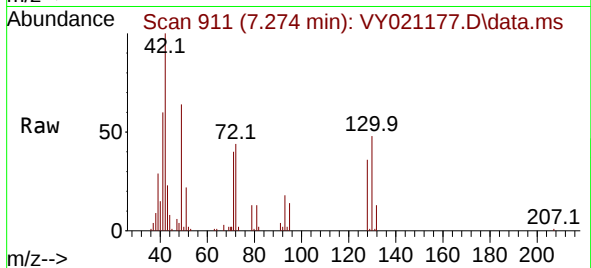
Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	22430
Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.6	54.8
71	40.6	33.8	50.6



#30

Chloroform

Concen: 21.147 ug/l

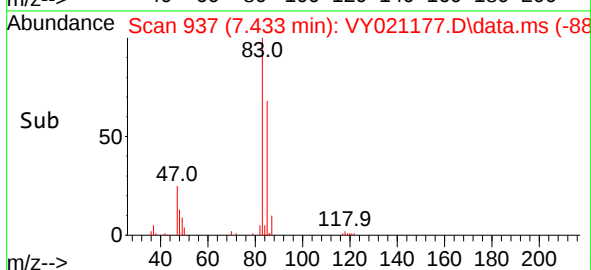
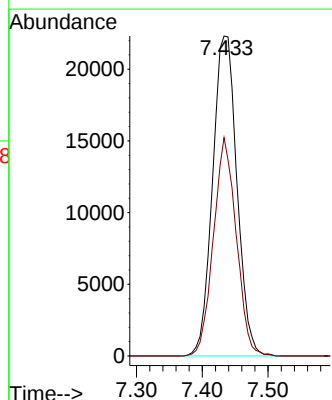
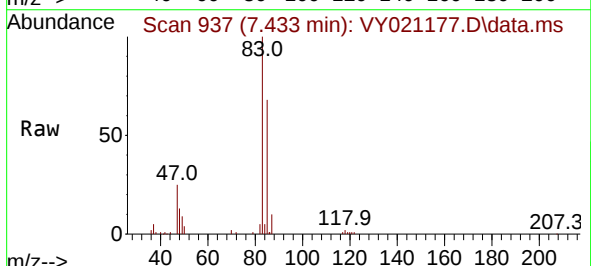
RT: 7.433 min Scan# 937

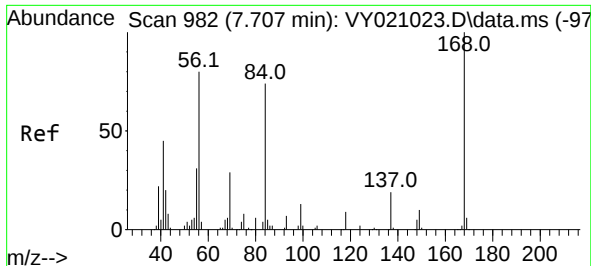
Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

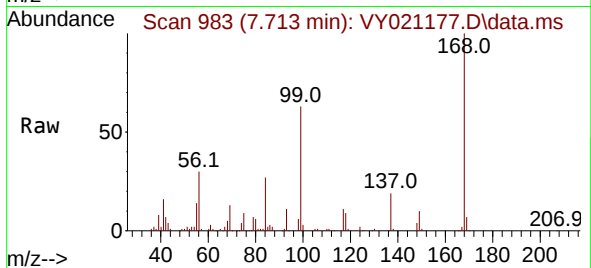
Tgt Ion:	83	Resp:	57540
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.2	76.8



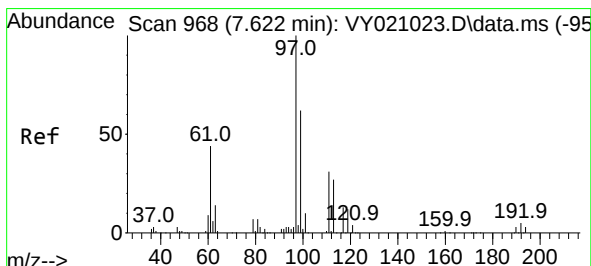
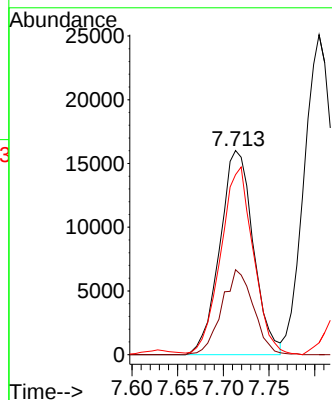
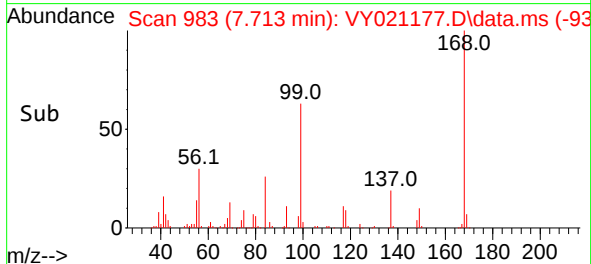


#31
Cyclohexane
Concen: 17.124 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Instrument :
MSVOA_Y
ClientSampleId :

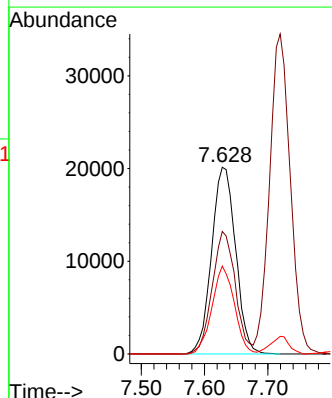
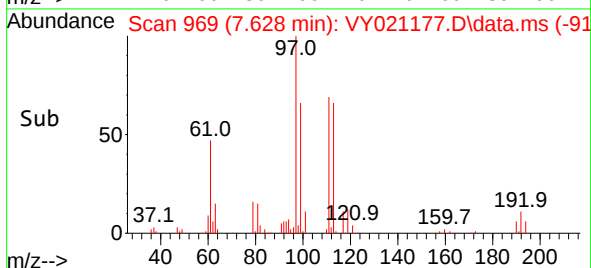
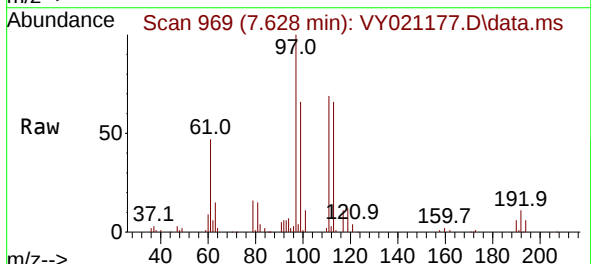


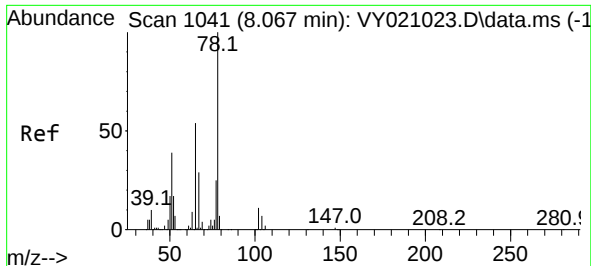
Tgt Ion: 56 Resp: 40850
Ion Ratio Lower Upper
56 100
69 41.7 27.0 40.6#
84 87.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.971 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 97 Resp: 53053
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 43.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 49.722 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

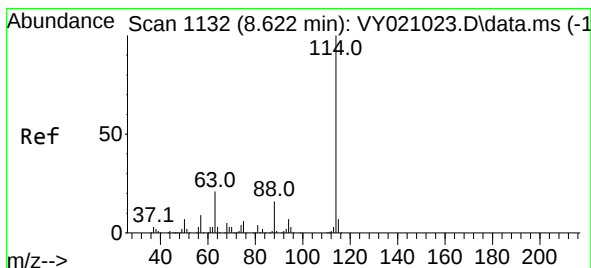
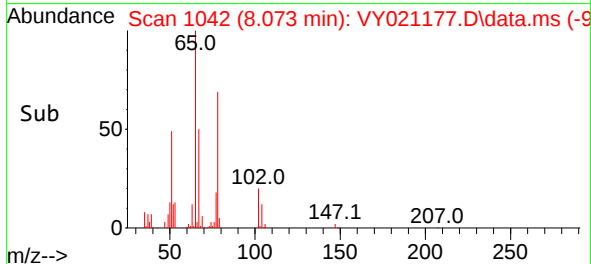
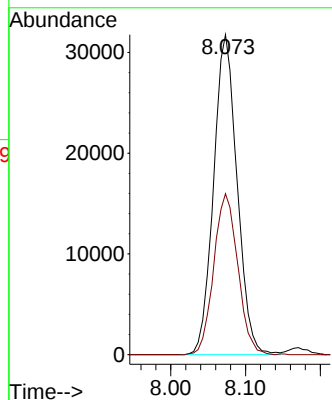
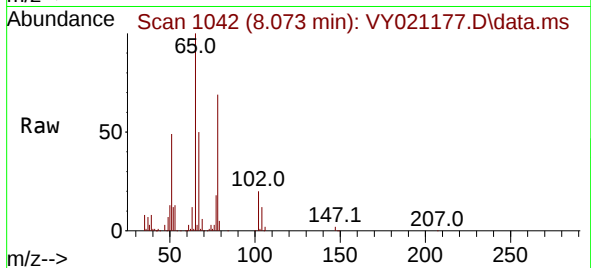
ClientSampleId :

Tgt Ion: 65 Resp: 69543

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

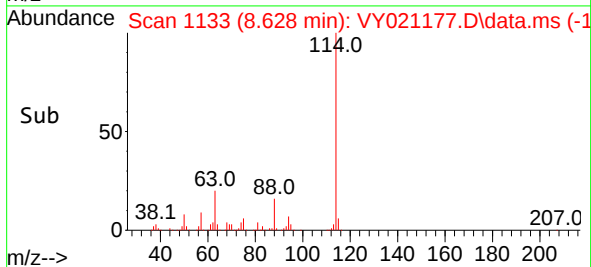
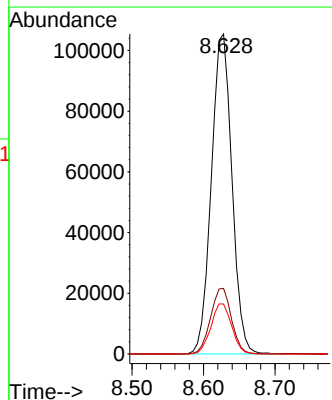
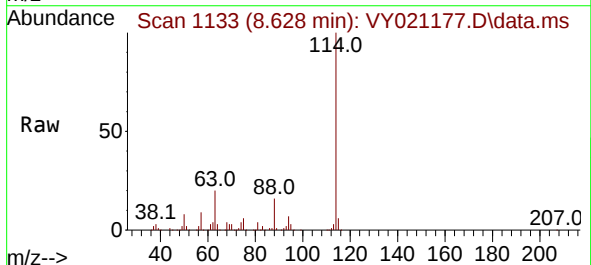
Tgt Ion:114 Resp: 210977

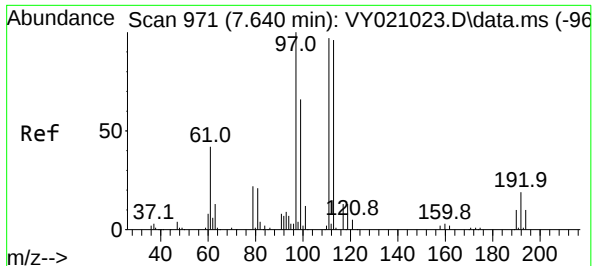
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

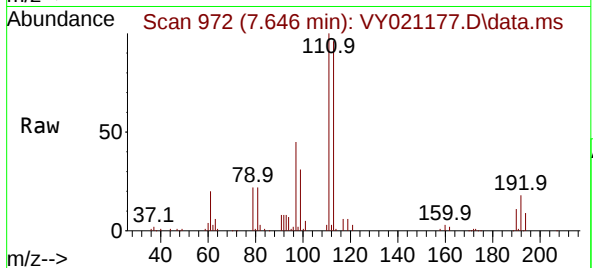
88 15.6 0.0 29.0



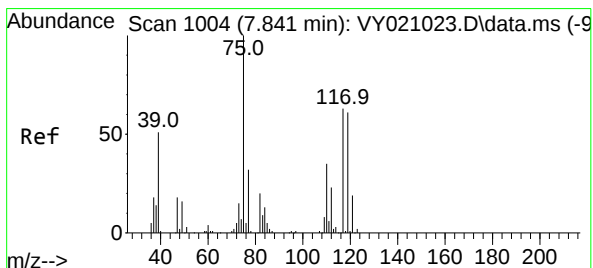
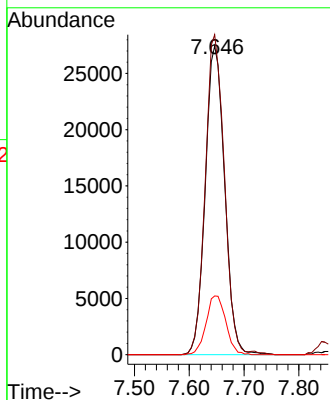
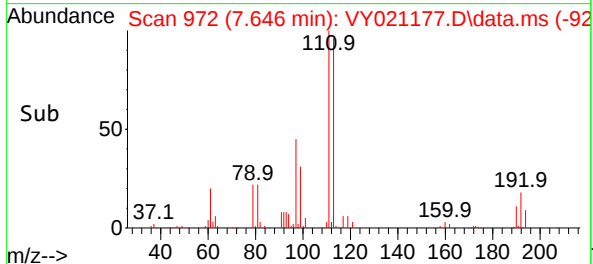


#35
Dibromofluoromethane
Concen: 49.680 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Instrument :
MSVOA_Y
ClientSampleId :

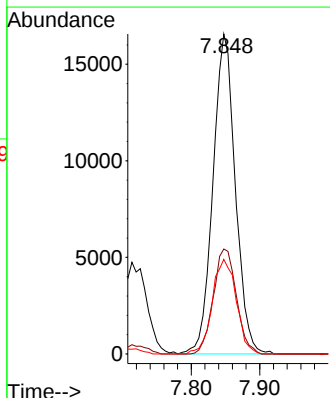
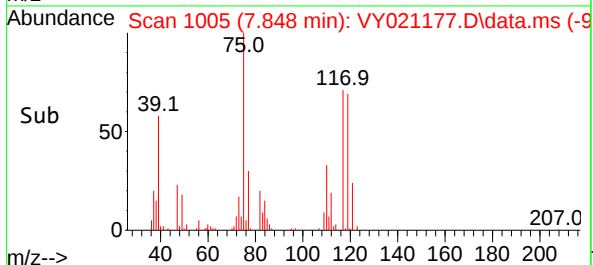
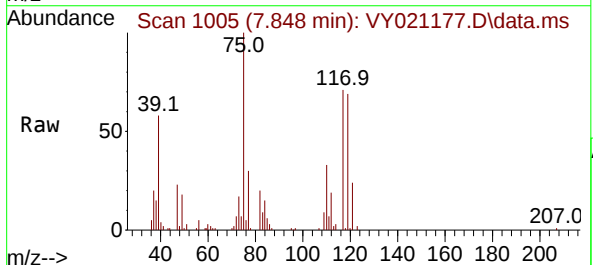


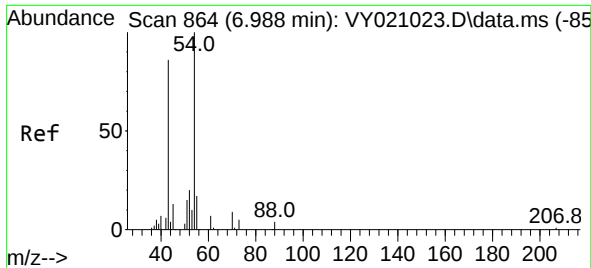
Tgt Ion:113 Resp: 67172
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 18.749 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 75 Resp: 37549
Ion Ratio Lower Upper
75 100
110 33.8 17.4 52.3
77 31.7 24.7 37.1

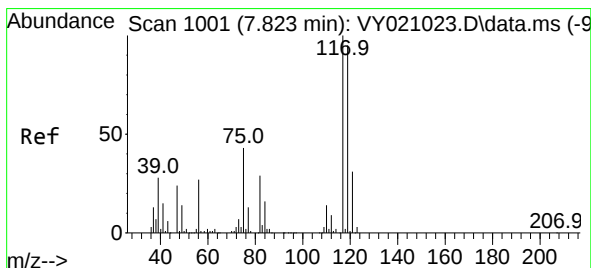
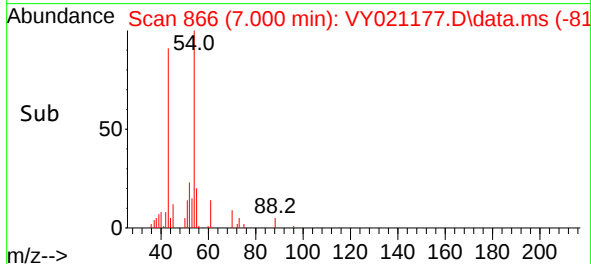
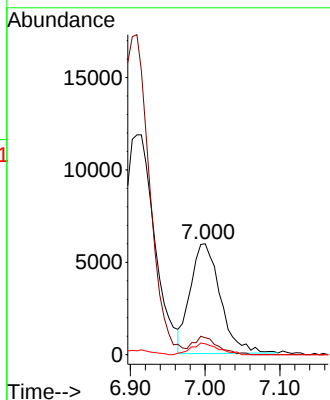
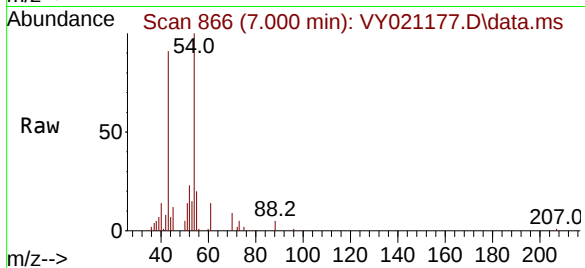




#37
Ethyl Acetate
Concen: 18.888 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

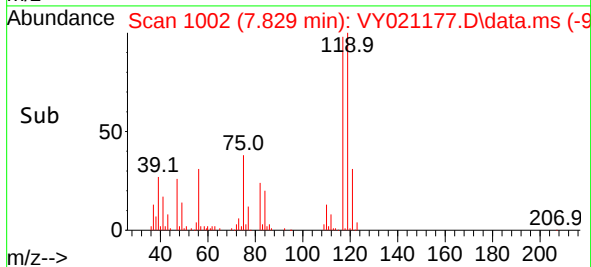
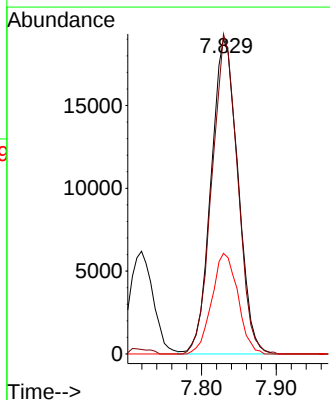
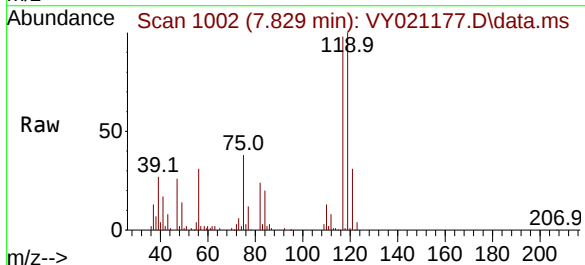
Instrument :
MSVOA_Y
ClientSampleId :

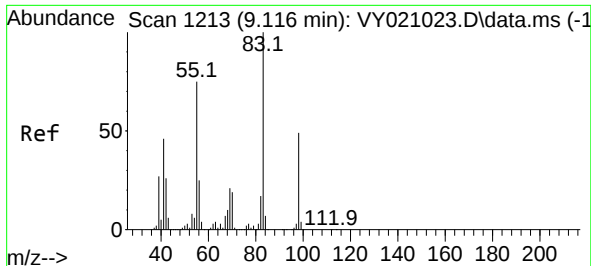
Tgt Ion: 43 Resp: 16594
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 9.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.330 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 117 Resp: 47573
Ion Ratio Lower Upper
117 100
119 101.6 76.0 114.0
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 17.467 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

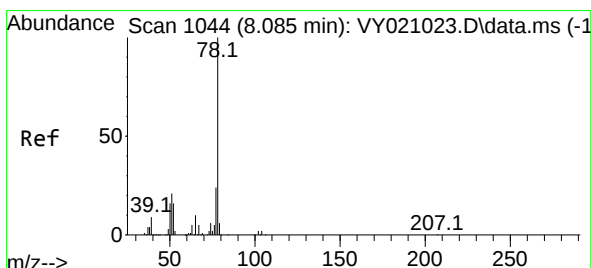
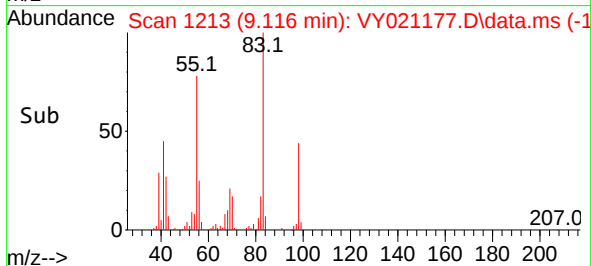
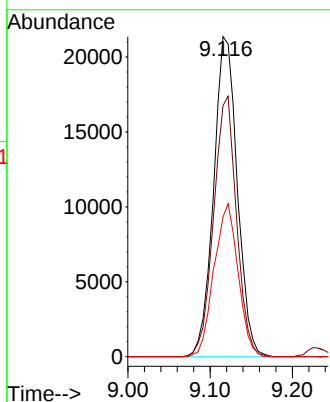
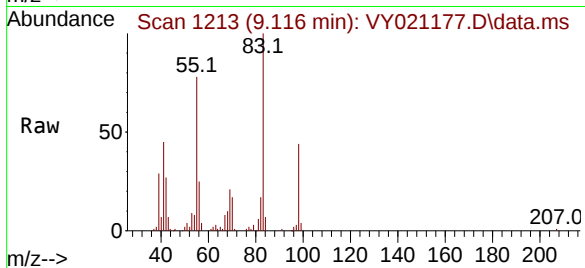
Tgt Ion: 83 Resp: 42788

Ion Ratio Lower Upper

83 100

55 78.4 59.7 89.5

98 43.6 38.0 57.0



#40

Benzene

Concen: 19.553 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021177.D

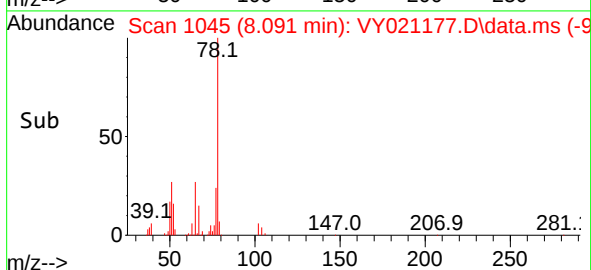
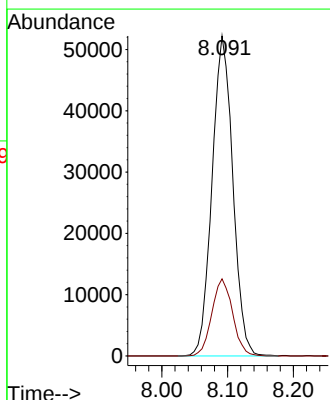
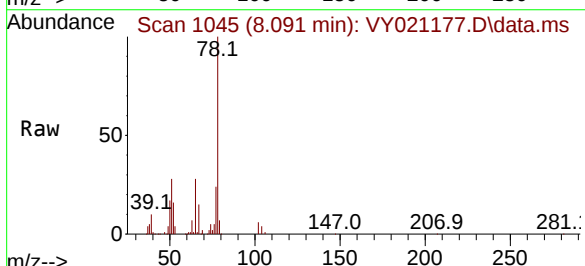
Acq: 12 Feb 2025 12:12

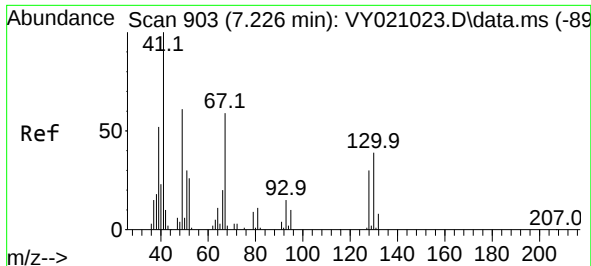
Tgt Ion: 78 Resp: 114913

Ion Ratio Lower Upper

78 100

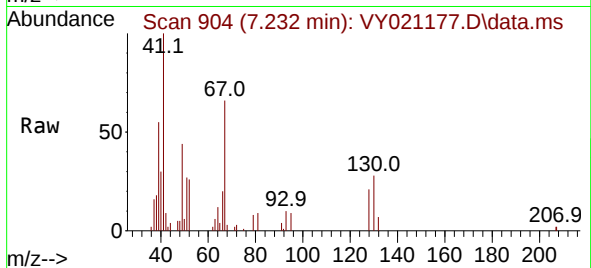
77 24.1 18.8 28.2



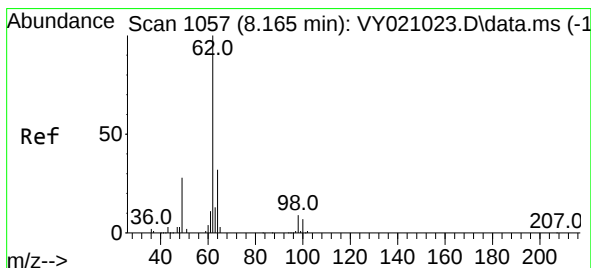
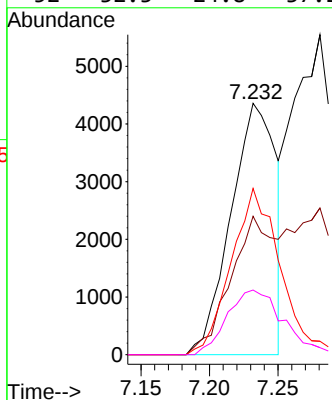
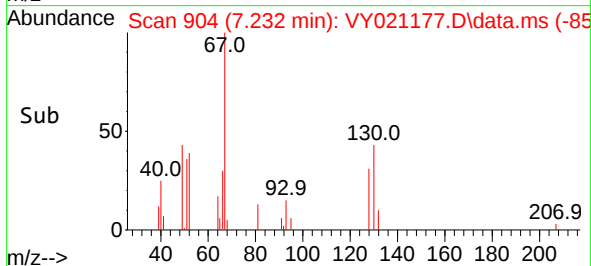


#41
Methacrylonitrile
Concen: 19.547 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

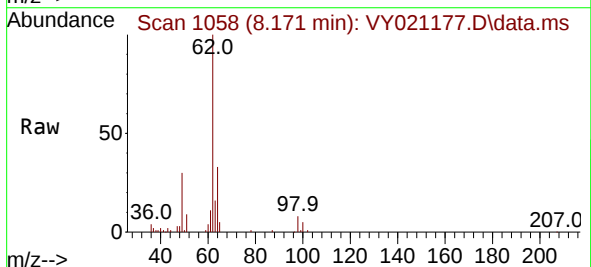
Instrument :
MSVOA_Y
ClientSampleId :



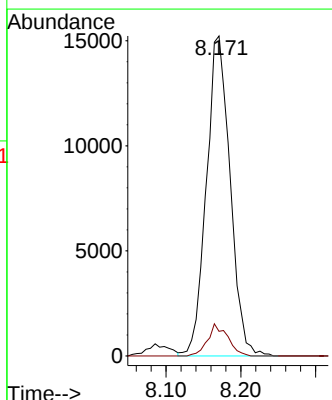
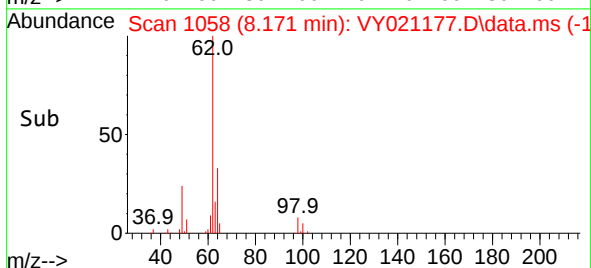
Tgt Ion:	41	Resp:	9935
Ion	Ratio	Lower	Upper
41	100		
39	55.0	41.9	62.9
67	72.5	59.8	89.6
52	32.3	24.8	37.2

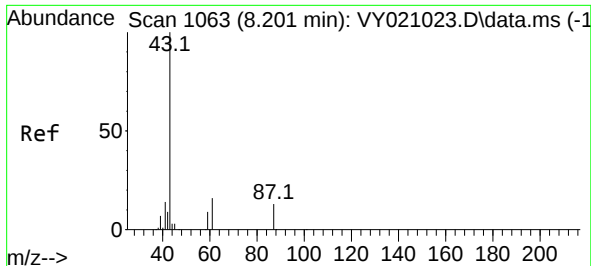


#42
1,2-Dichloroethane
Concen: 20.614 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12



Tgt Ion:	62	Resp:	33607
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.2

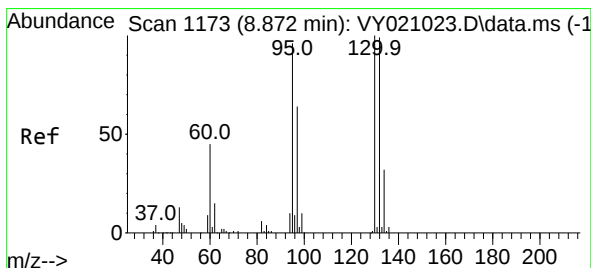
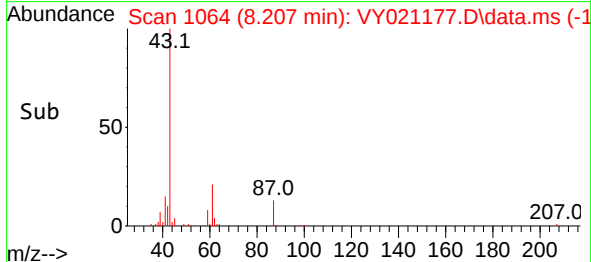
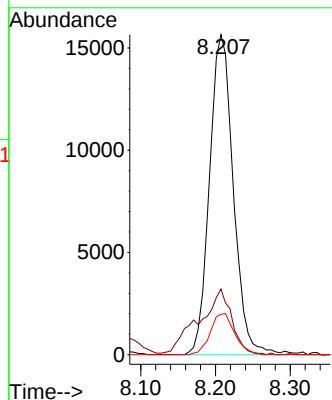
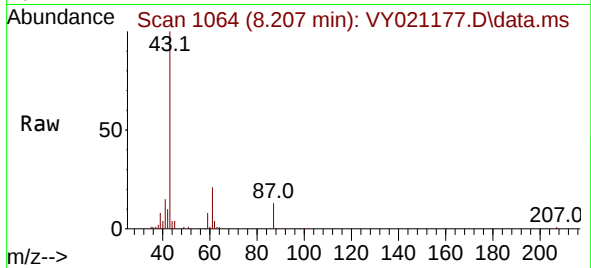




#43
Isopropyl Acetate
Concen: 19.864 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

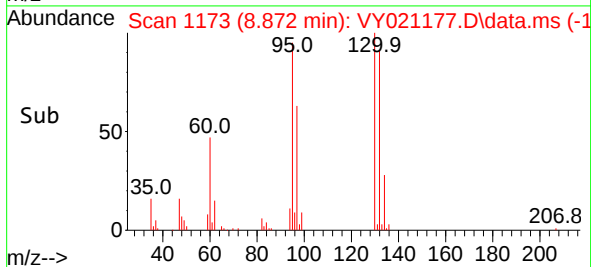
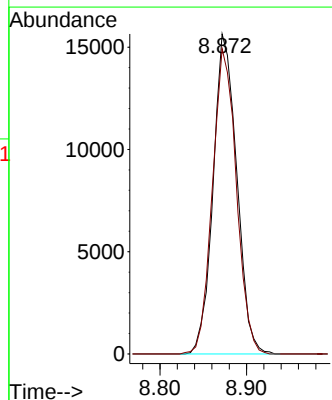
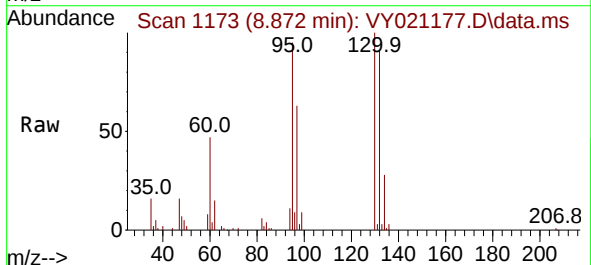
Instrument :
MSVOA_Y
ClientSampleId :

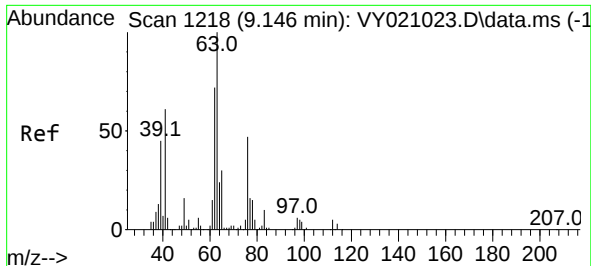
Tgt Ion: 43 Resp: 34676
Ion Ratio Lower Upper
43 100
61 28.5 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 19.509 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:130 Resp: 29622
Ion Ratio Lower Upper
130 100
95 95.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.176 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

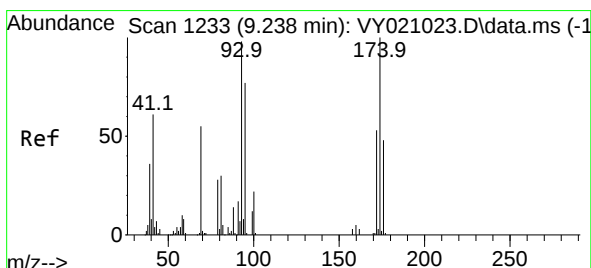
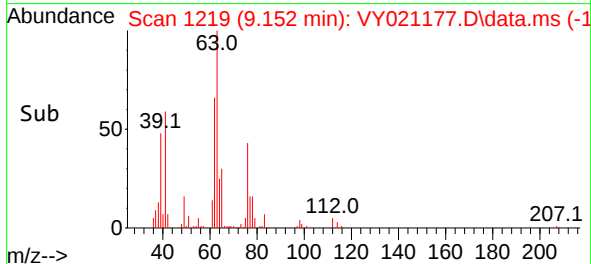
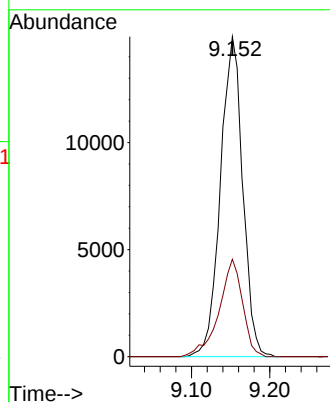
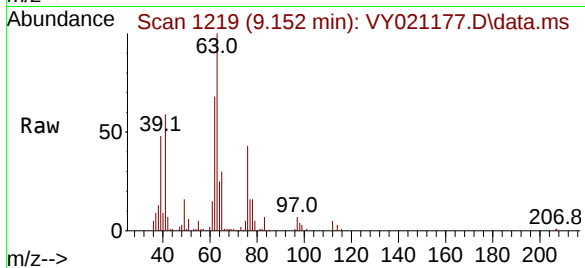
ClientSampleId :

Tgt Ion: 63 Resp: 29539

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 19.698 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

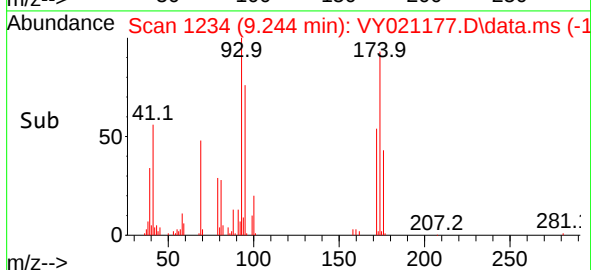
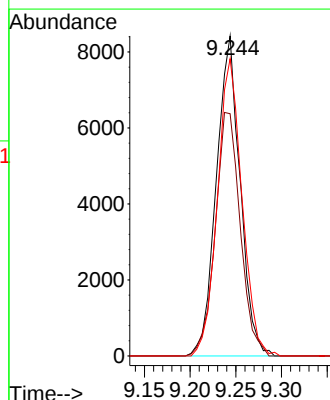
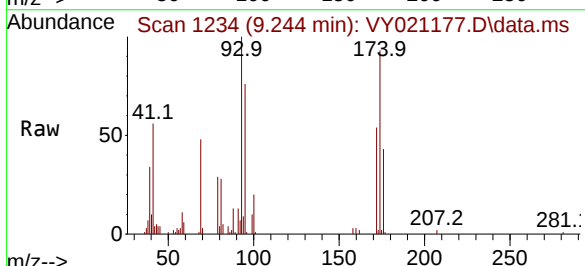
Tgt Ion: 93 Resp: 15214

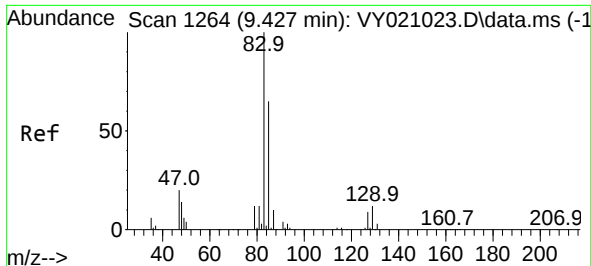
Ion Ratio Lower Upper

93 100

95 79.9 66.6 99.8

174 95.9 73.8 110.6

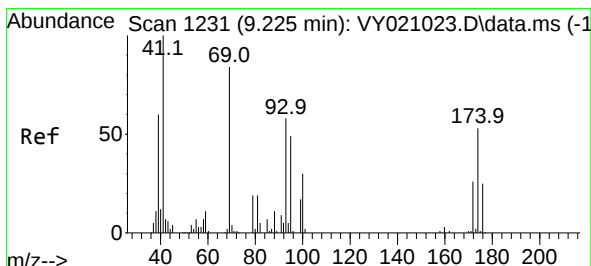
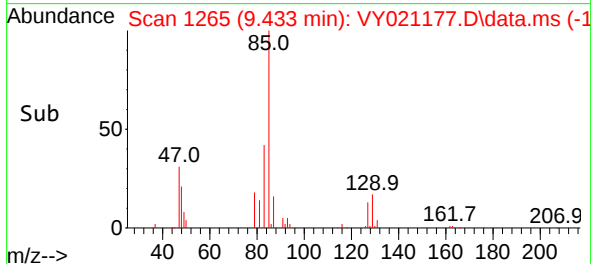
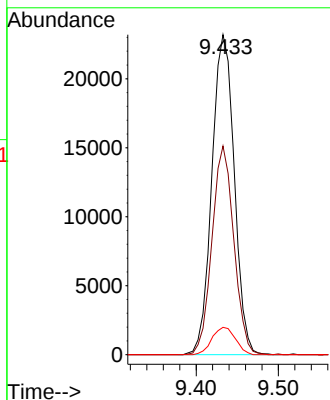
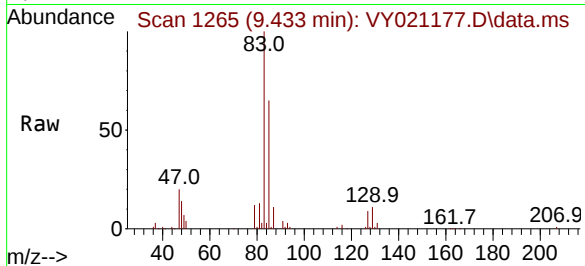




#47
Bromodichloromethane
Concen: 21.193 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

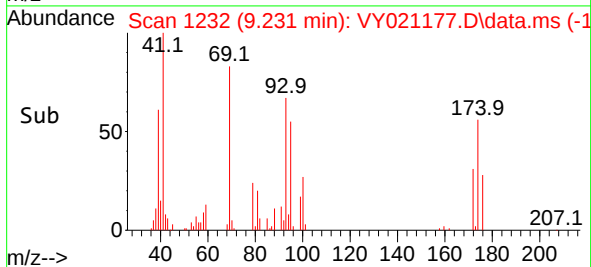
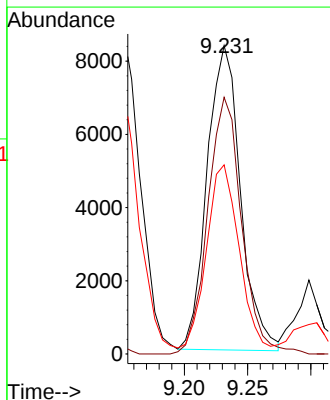
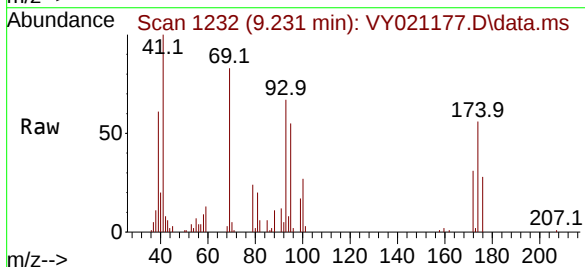
Instrument :
MSVOA_Y
ClientSampleId :

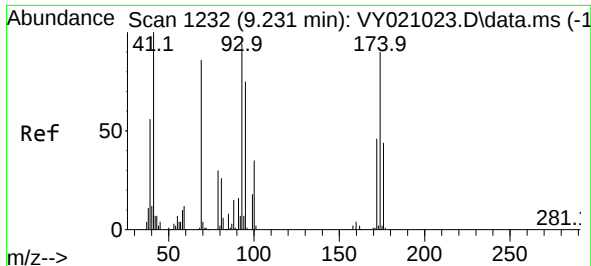
Tgt Ion: 83 Resp: 43899
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 19.216 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 41 Resp: 15280
Ion Ratio Lower Upper
41 100
69 85.6 72.1 108.1
39 62.1 42.8 64.2





#49

1,4-Dioxane

Concen: 397.637 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.018 min

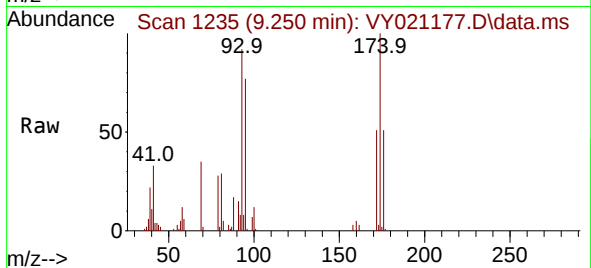
Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :



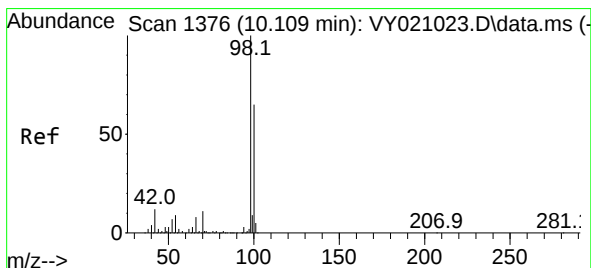
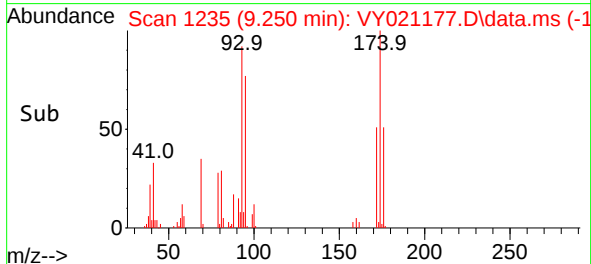
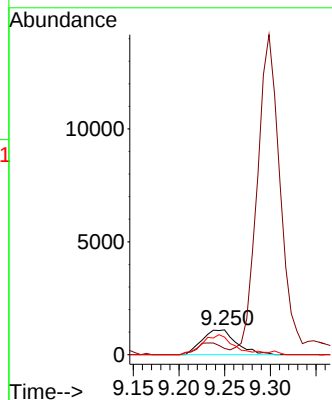
Tgt Ion: 88 Resp: 2859

Ion Ratio Lower Upper

88 100

43 36.9 28.2 42.4

58 78.5 52.2 78.2#



#50

Toluene-d8

Concen: 50.676 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021177.D

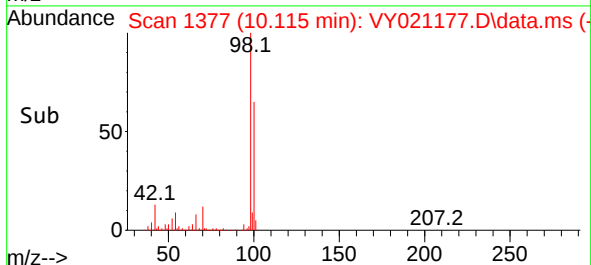
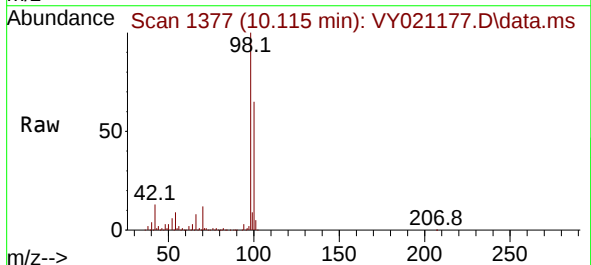
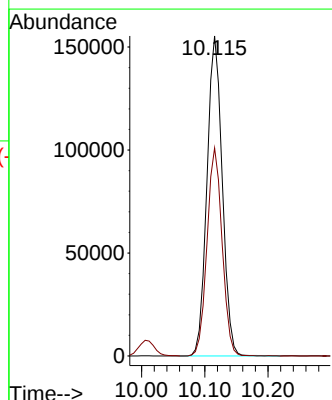
Acq: 12 Feb 2025 12:12

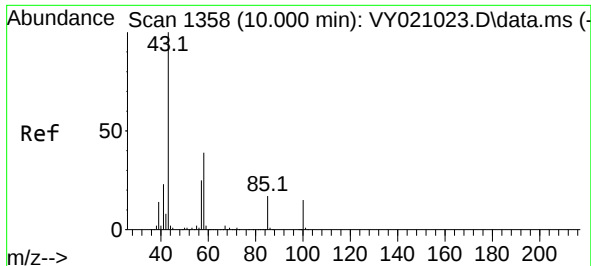
Tgt Ion: 98 Resp: 260853

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

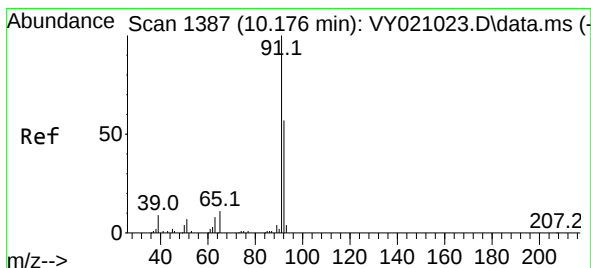
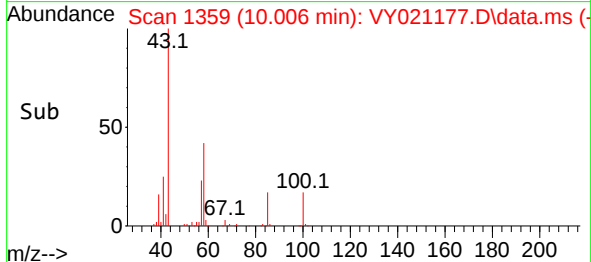
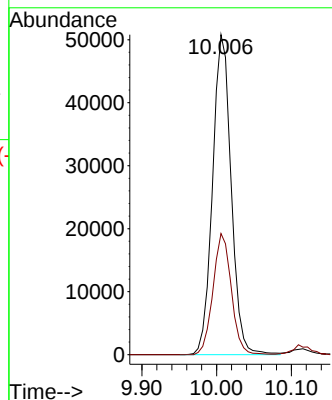
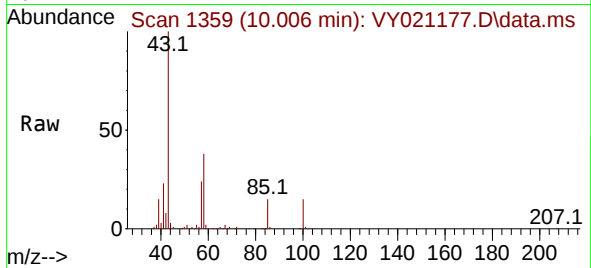




#51
4-Methyl-2-Pentanone
Concen: 100.023 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

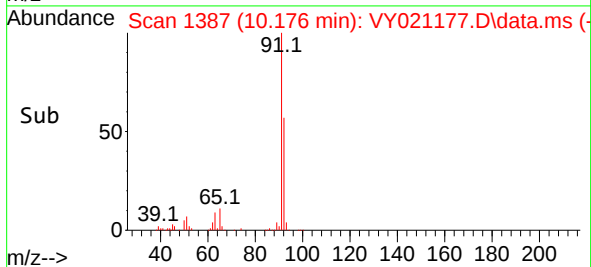
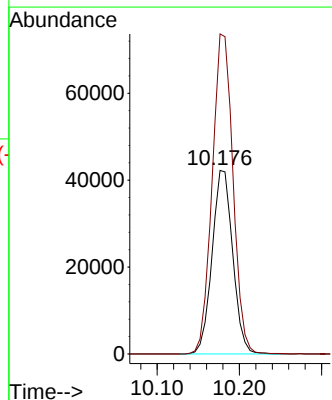
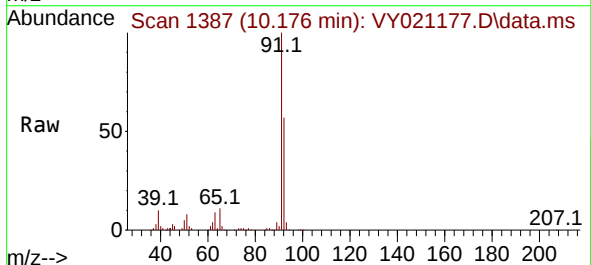
Instrument :
MSVOA_Y
ClientSampleId :

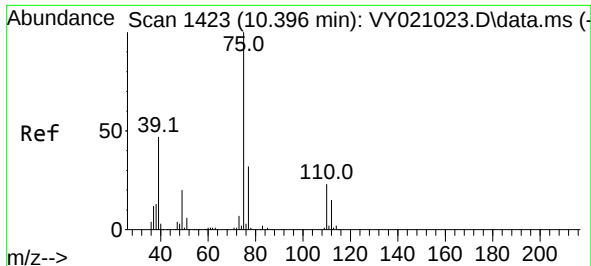
Tgt Ion: 43 Resp: 87806
Ion Ratio Lower Upper
43 100
58 37.4 32.2 48.2



#52
Toluene
Concen: 19.973 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 92 Resp: 73707
Ion Ratio Lower Upper
92 100
91 175.9 137.6 206.4

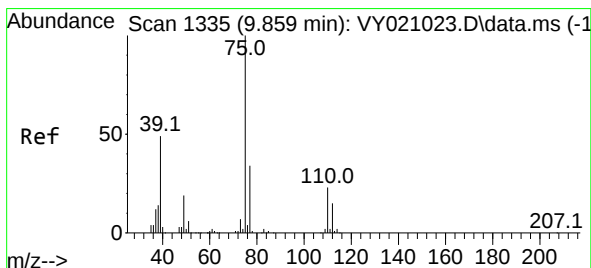
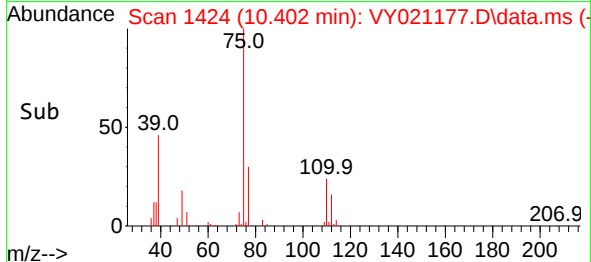
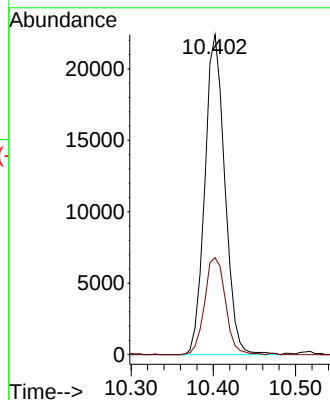
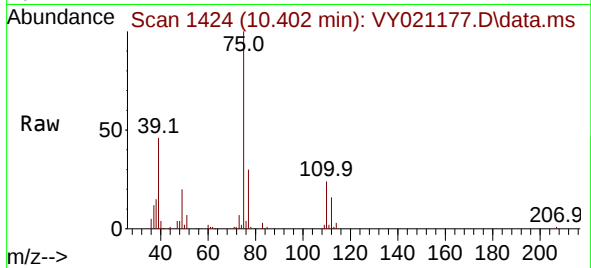




#53
 t-1,3-Dichloropropene
 Concen: 20.353 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021177.D
 Acq: 12 Feb 2025 12:12

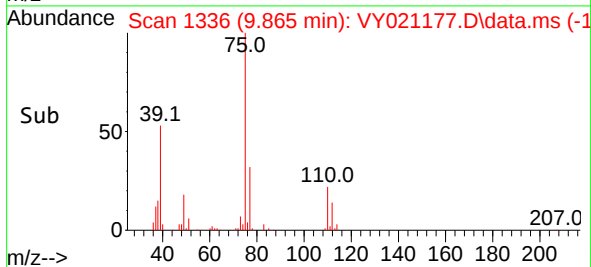
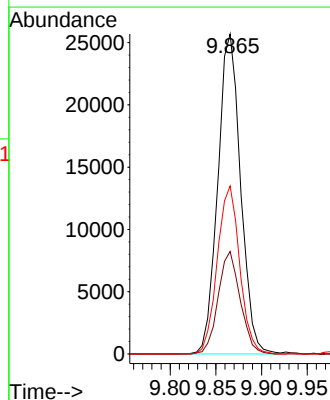
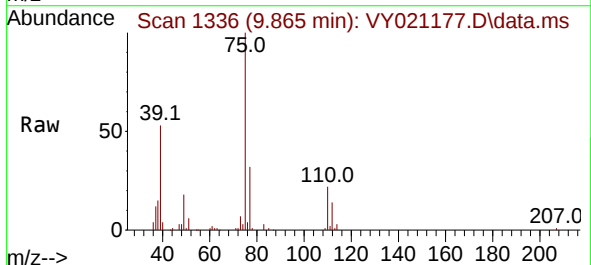
Instrument :
 MSVOA_Y
 ClientSampleId :

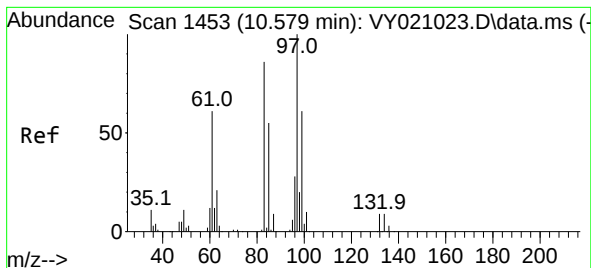
Tgt Ion: 75 Resp: 37856
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.218 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021177.D
 Acq: 12 Feb 2025 12:12

Tgt Ion: 75 Resp: 44524
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 52.5 33.6 50.4#

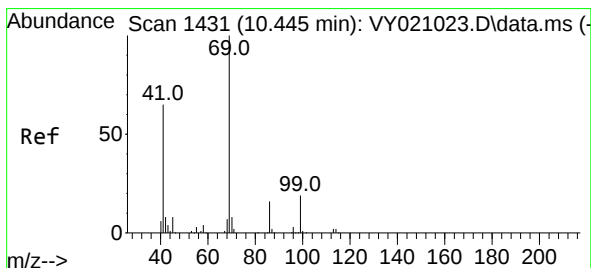
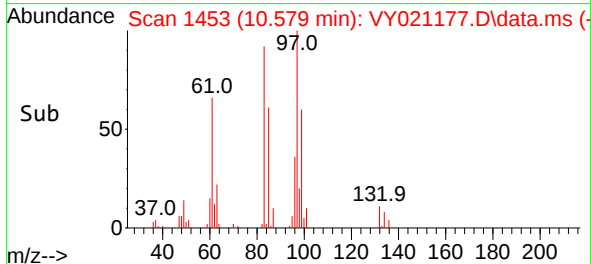
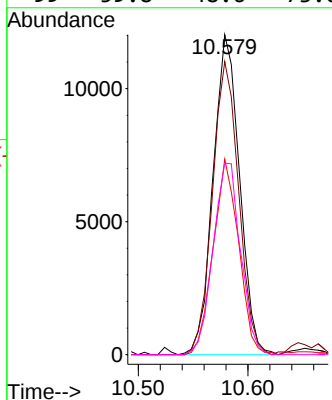
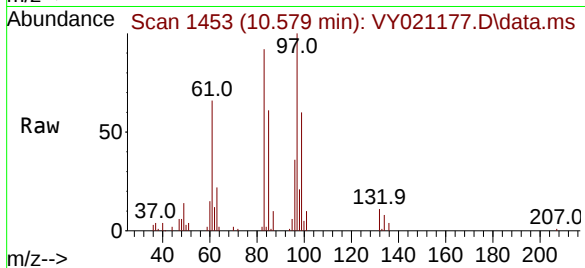




#55
1,1,2-Trichloroethane
Concen: 20.171 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

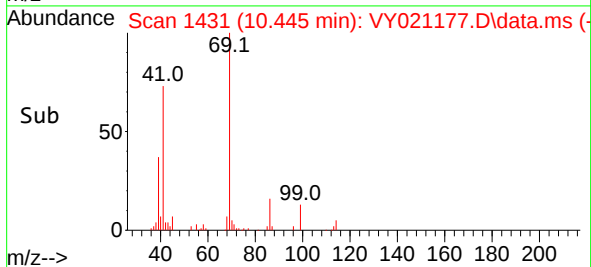
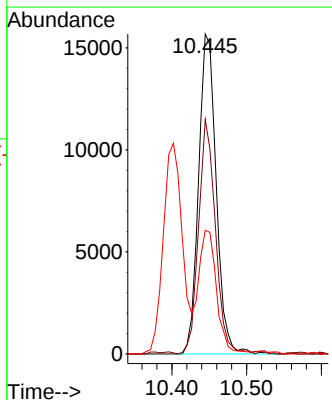
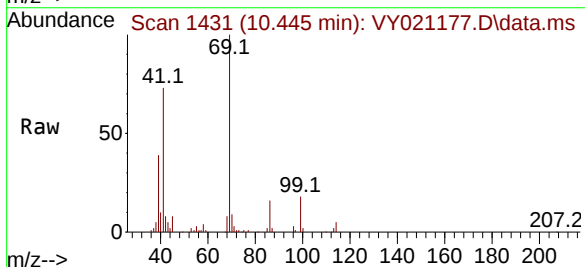
Instrument :
MSVOA_Y
ClientSampleId :

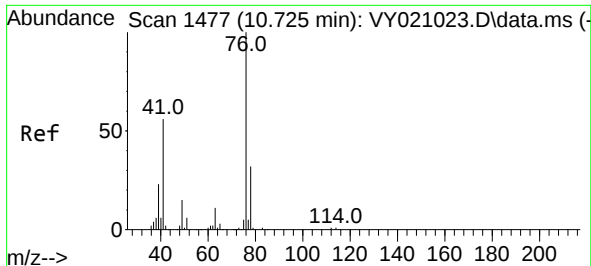
Tgt Ion:	97	Resp:	20174
Ion	Ratio	Lower	Upper
97	100		
83	91.6	69.4	104.2
85	61.1	43.9	65.9
99	59.8	48.6	73.0



#56
Ethyl methacrylate
Concen: 19.204 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:	69	Resp:	25694
Ion	Ratio	Lower	Upper
69	100		
41	70.2	49.2	73.8
39	38.2	26.8	40.2





#57

1,3-Dichloropropane

Concen: 20.086 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

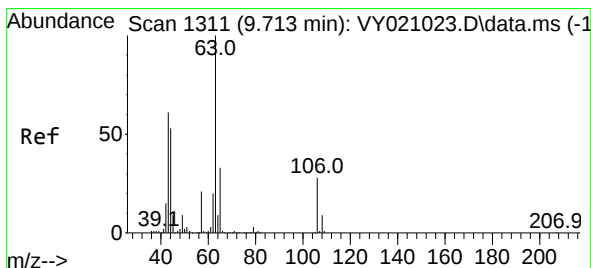
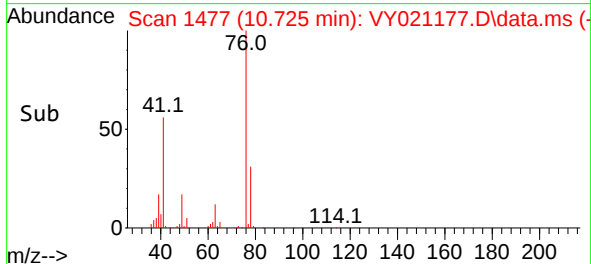
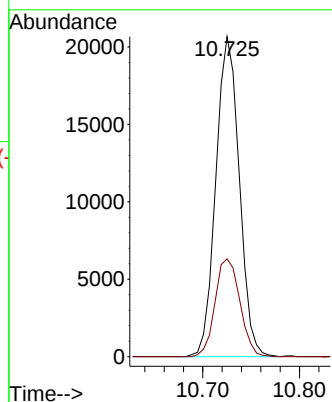
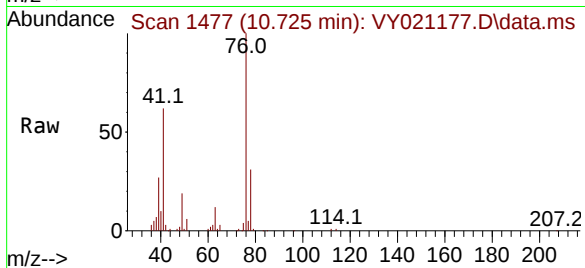
ClientSampleId :

Tgt Ion: 76 Resp: 34771

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.380 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021177.D

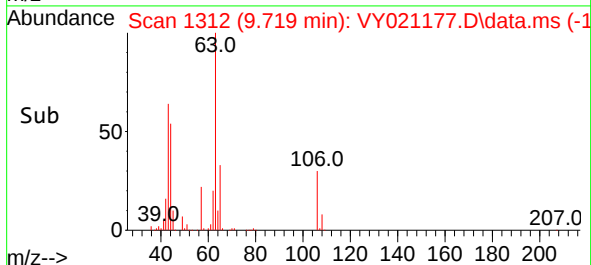
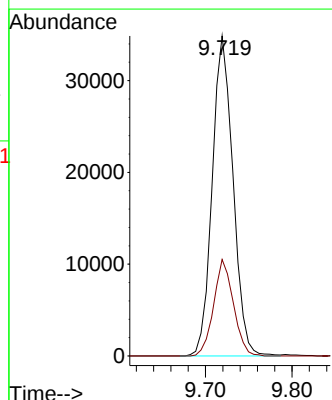
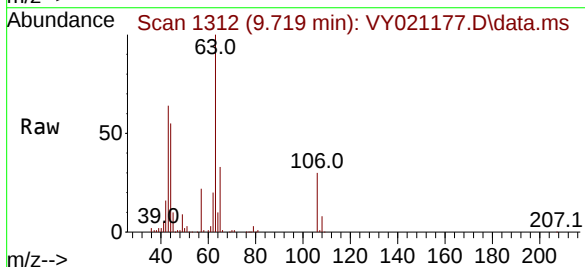
Acq: 12 Feb 2025 12:12

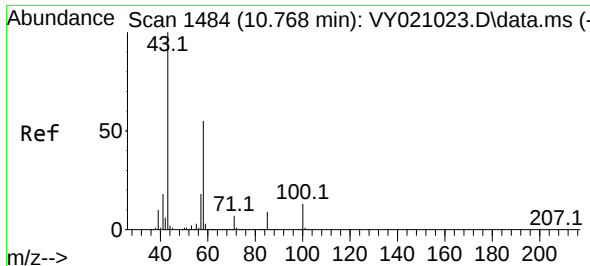
Tgt Ion: 63 Resp: 58166

Ion Ratio Lower Upper

63 100

106 28.6 22.4 33.6

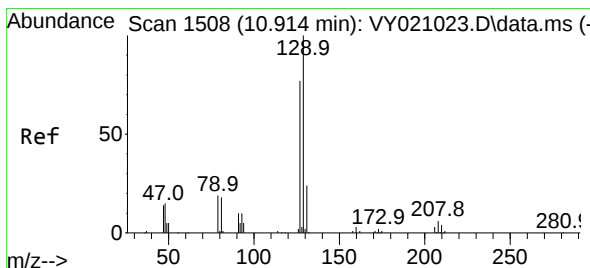
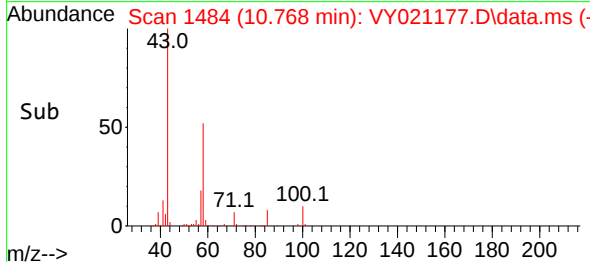
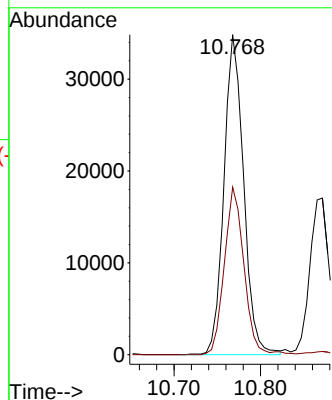
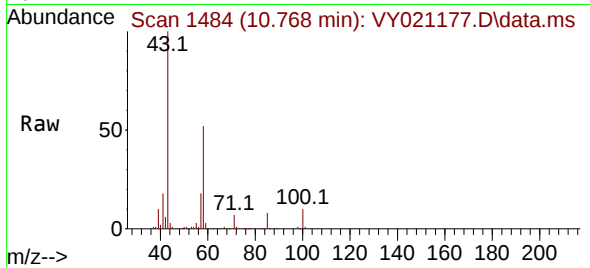




#59
2-Hexanone
Concen: 97.228 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

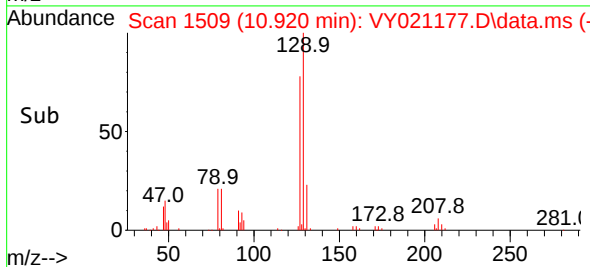
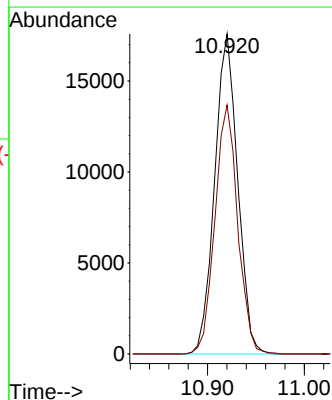
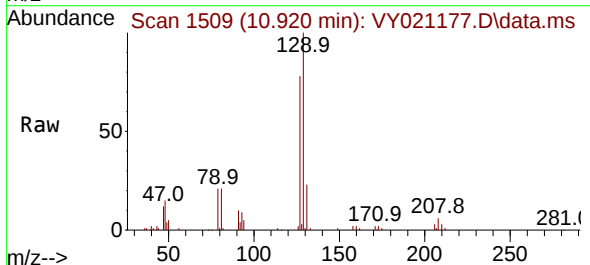
Instrument :
MSVOA_Y
ClientSampleId :

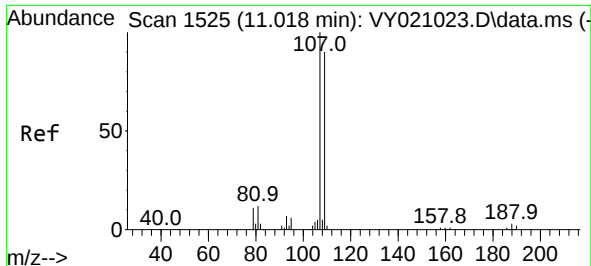
Tgt Ion: 43 Resp: 54955
Ion Ratio Lower Upper
43 100
58 52.3 28.1 84.3



#60
Dibromochloromethane
Concen: 20.669 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 129 Resp: 29030
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

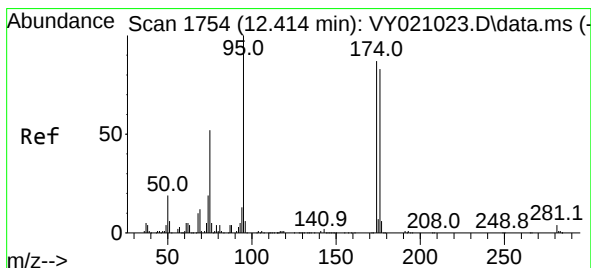
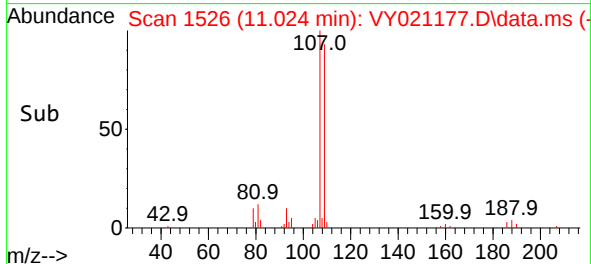
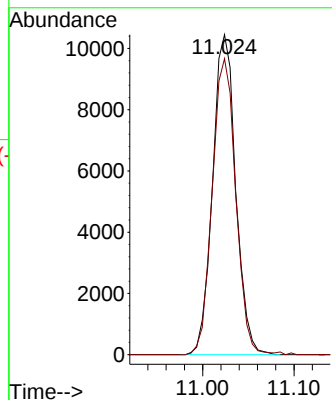
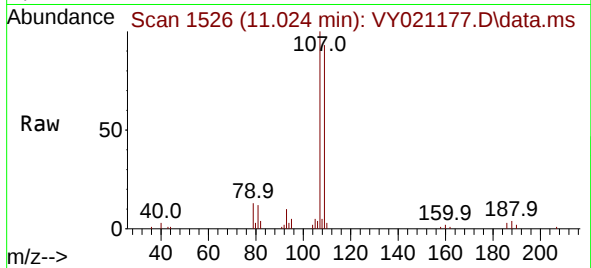




#61
1,2-Dibromoethane
Concen: 19.585 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

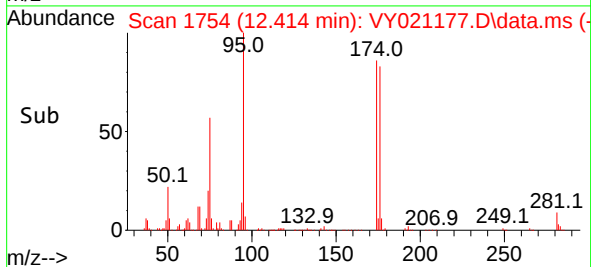
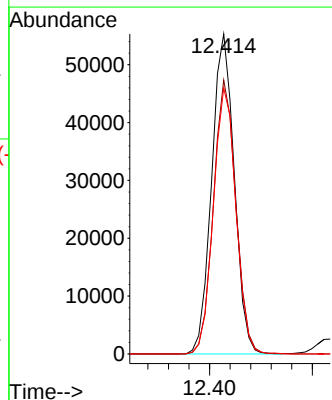
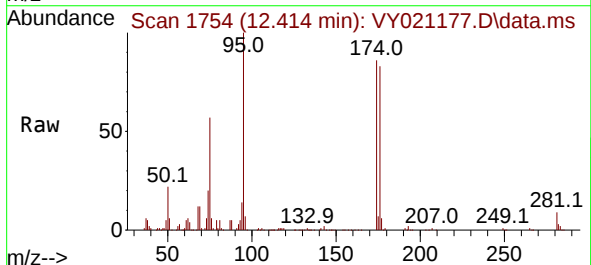
Instrument :
MSVOA_Y
ClientSampleId :

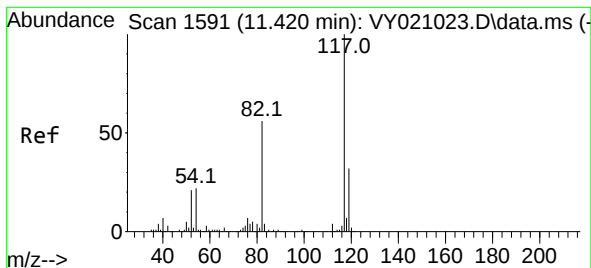
Tgt Ion:107 Resp: 18347
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.163 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 95 Resp: 84356
Ion Ratio Lower Upper
95 100
174 84.8 0.0 160.0
176 83.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

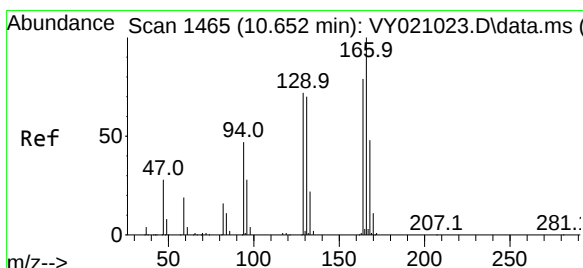
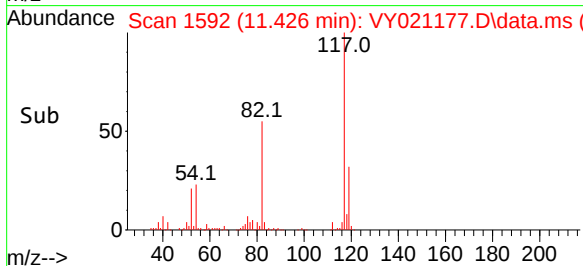
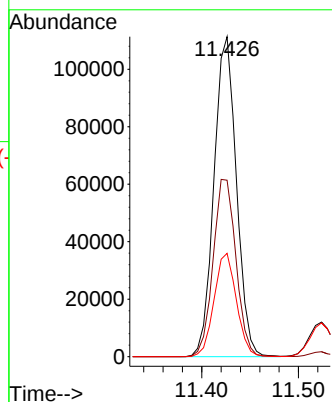
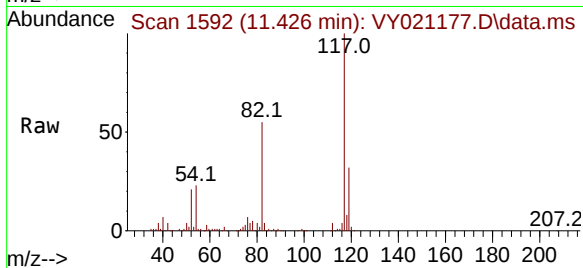
Tgt Ion:117 Resp: 179129

Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 19.237 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Tgt Ion:164 Resp: 25580

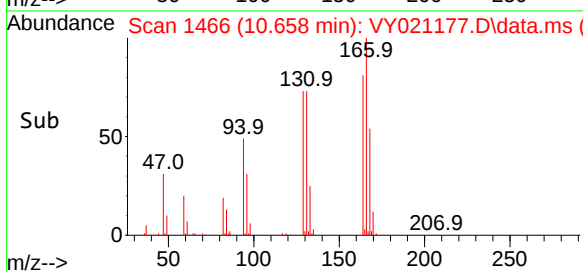
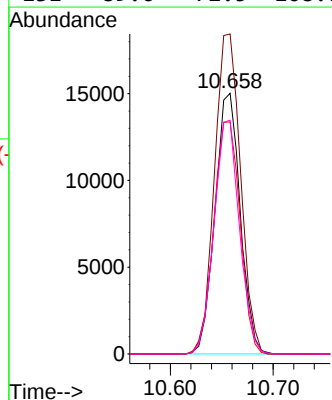
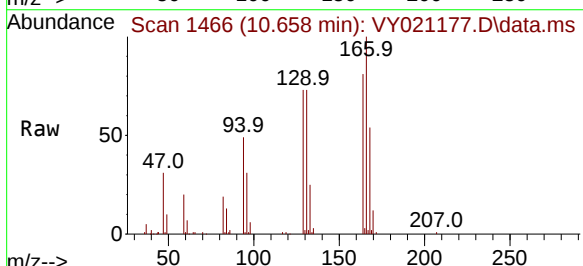
Ion Ratio Lower Upper

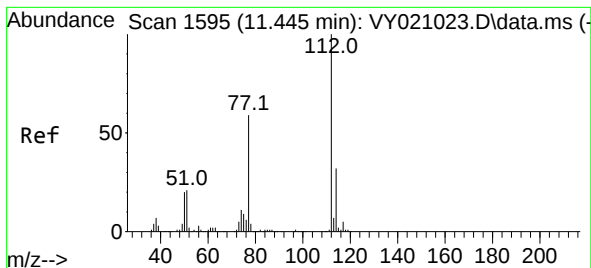
164 100

166 122.7 98.8 148.2

129 89.0 78.9 118.3

131 89.6 72.5 108.7





#65

Chlorobenzene

Concen: 20.576 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

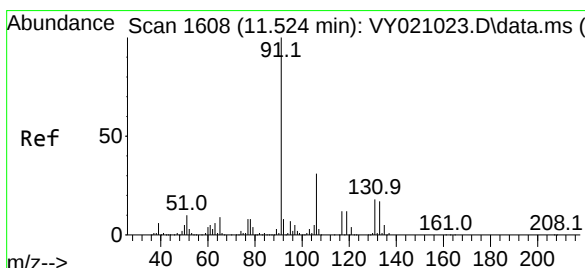
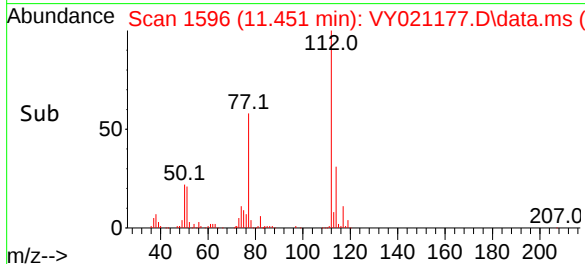
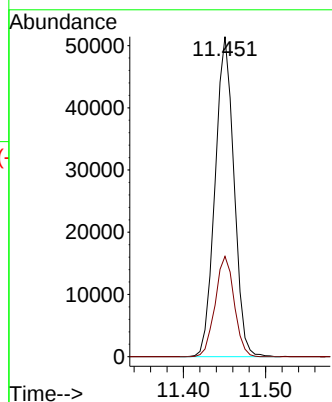
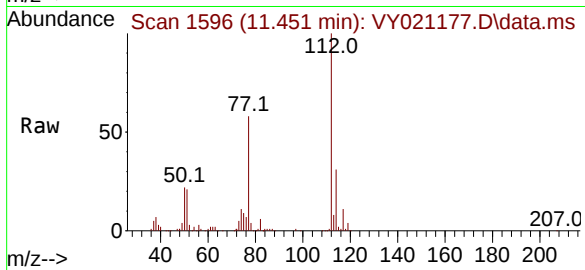
ClientSampleId :

Tgt Ion:112 Resp: 82068

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.508 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

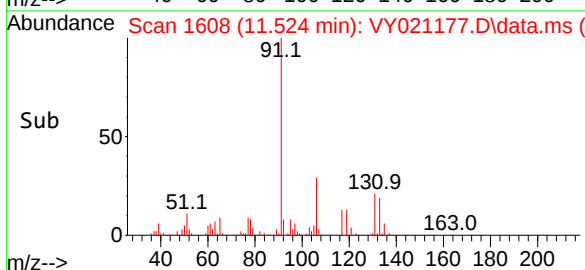
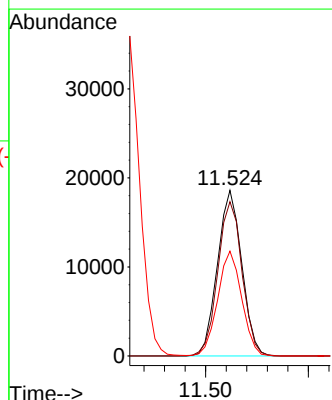
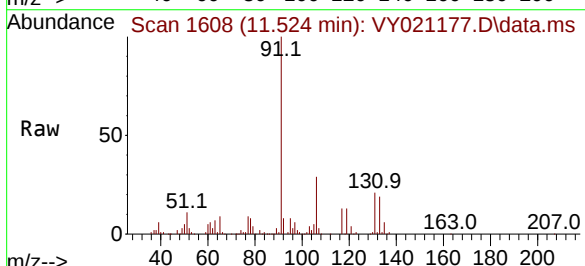
Tgt Ion:131 Resp: 30486

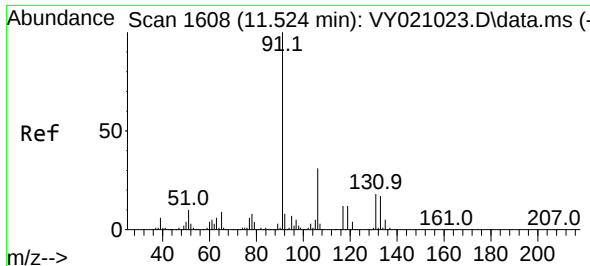
Ion Ratio Lower Upper

131 100

133 93.3 47.0 141.0

119 62.7 33.3 99.9





#67

Ethyl Benzene

Concen: 20.660 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

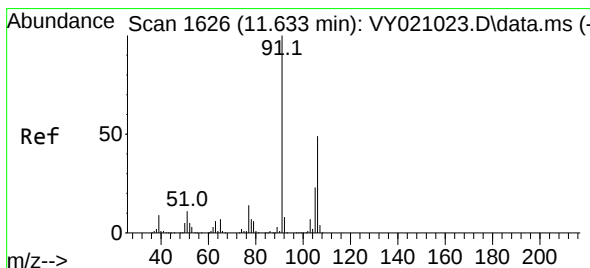
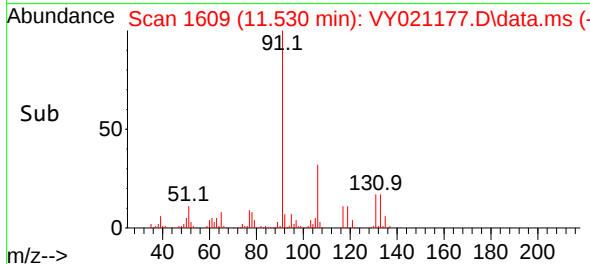
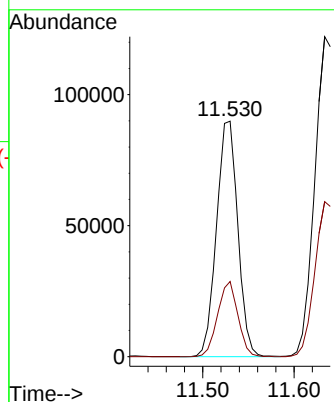
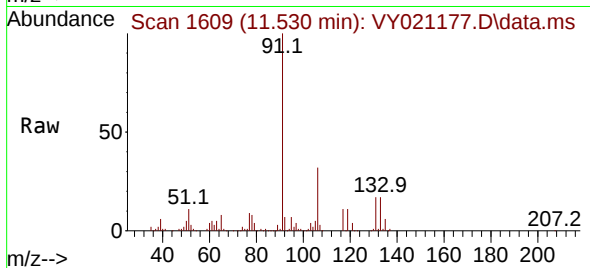
ClientSampleId :

Tgt Ion: 91 Resp: 145753

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 41.244 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021177.D

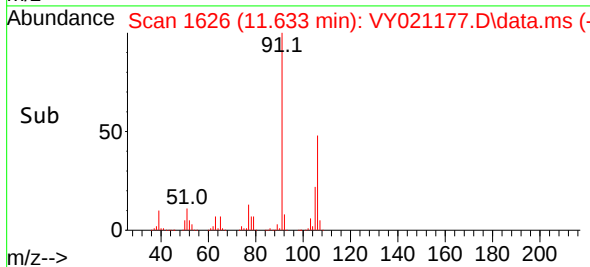
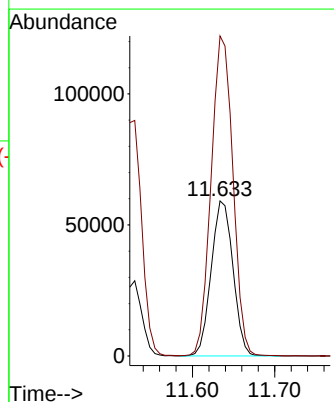
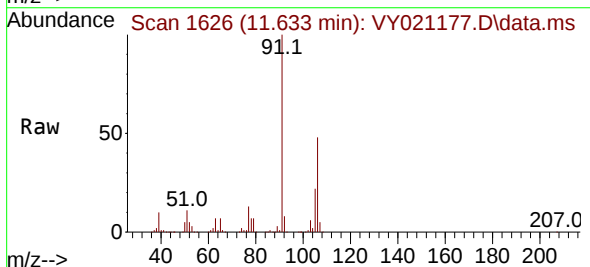
Acq: 12 Feb 2025 12:12

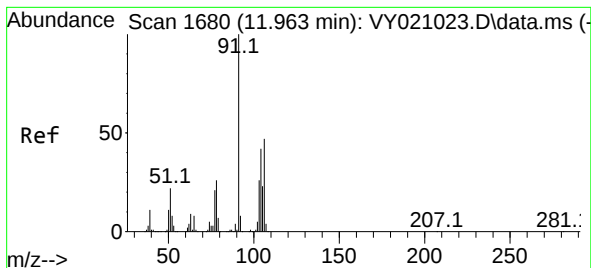
Tgt Ion:106 Resp: 108851

Ion Ratio Lower Upper

106 100

91 206.5 160.7 241.1

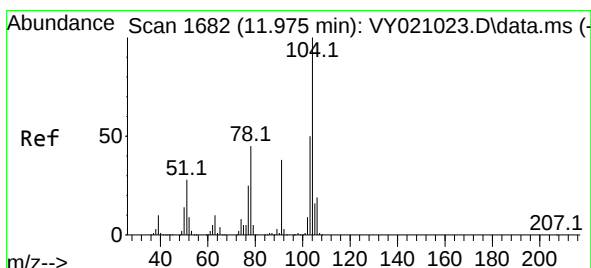
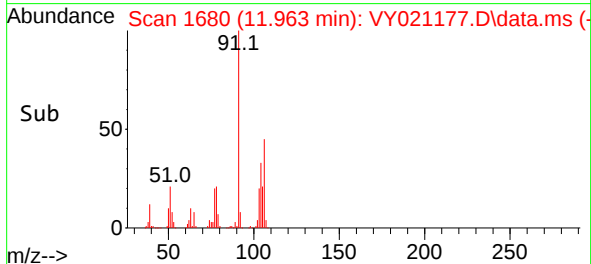
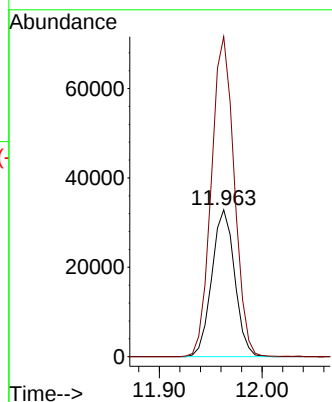
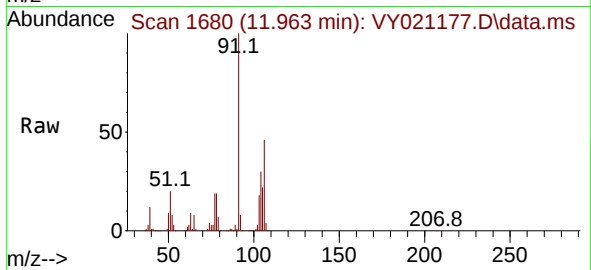




#69
o-Xylene
Concen: 20.603 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

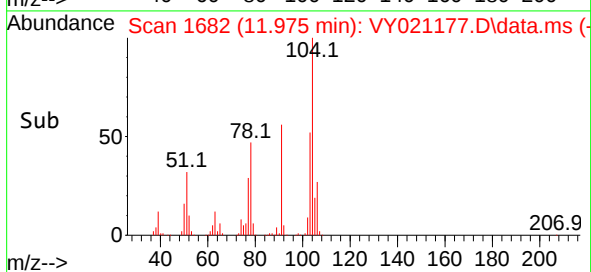
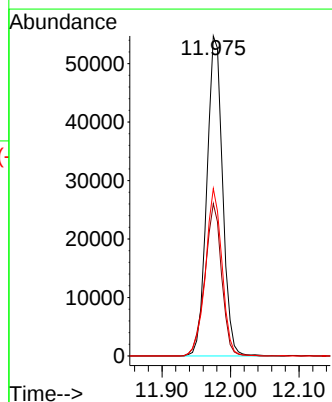
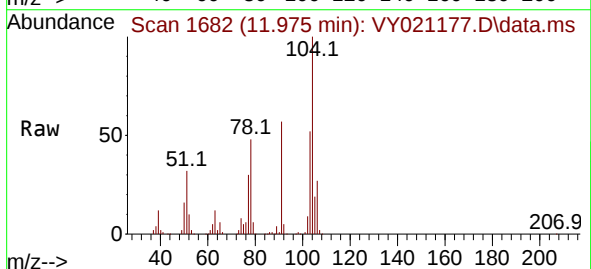
Instrument :
MSVOA_Y
ClientSampleId :

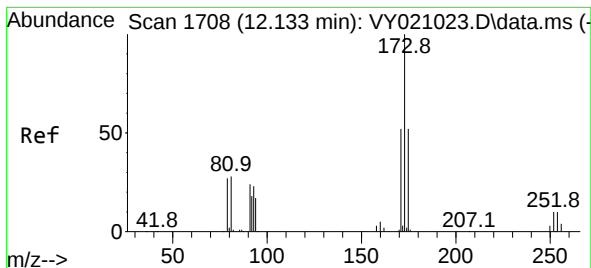
Tgt Ion:106 Resp: 50695
Ion Ratio Lower Upper
106 100
91 218.5 106.5 319.5



#70
Styrene
Concen: 21.353 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:104 Resp: 87571
Ion Ratio Lower Upper
104 100
78 50.4 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 20.747 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

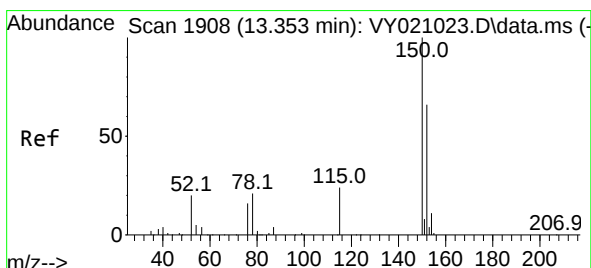
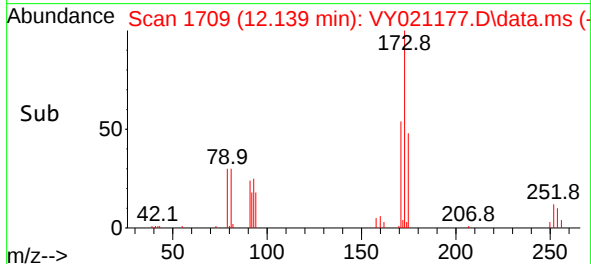
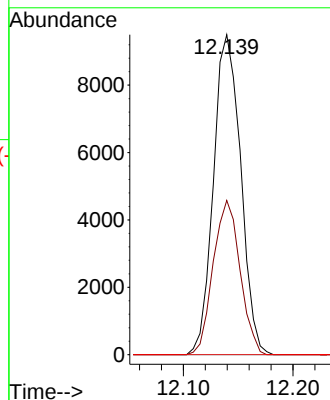
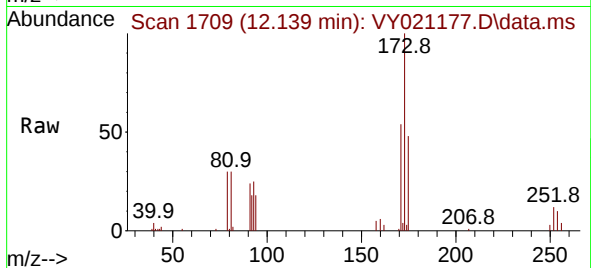
Tgt Ion:173 Resp: 16369

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

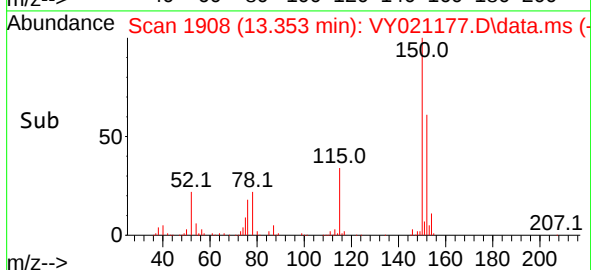
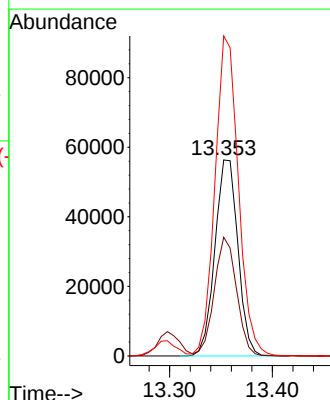
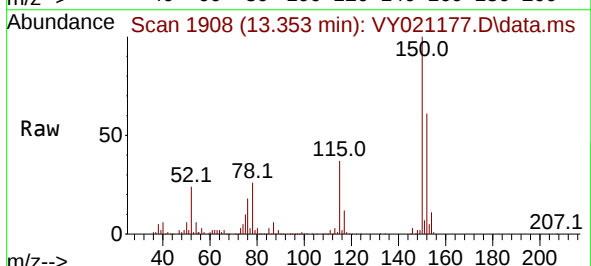
Tgt Ion:152 Resp: 87511

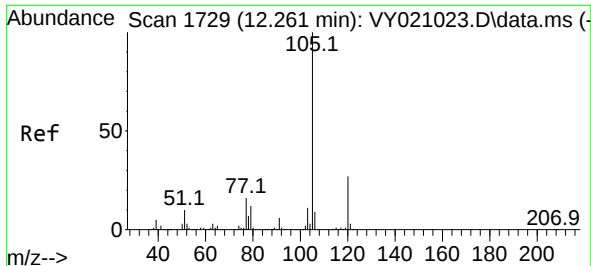
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

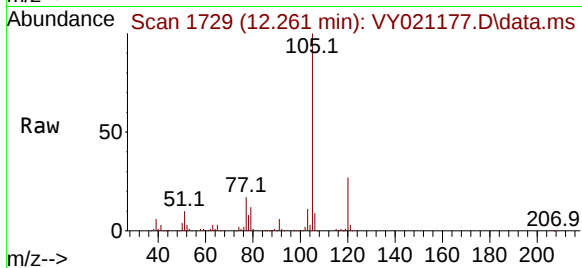
150 166.3 0.0 344.6



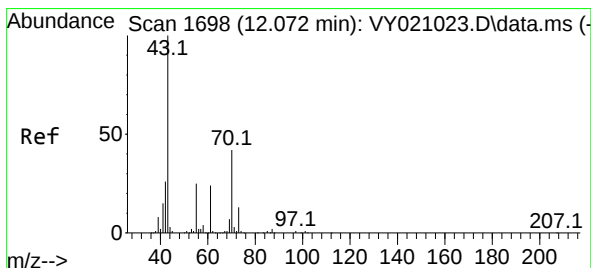
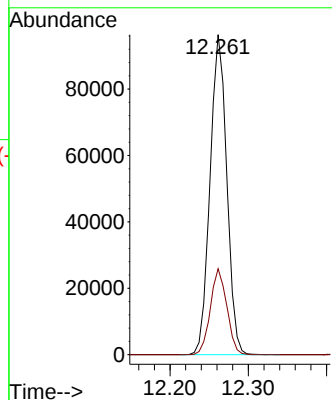
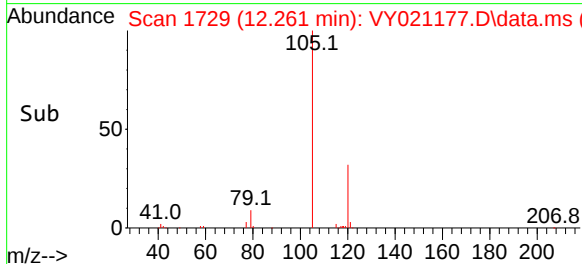


#73
Isopropylbenzene
Concen: 20.876 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

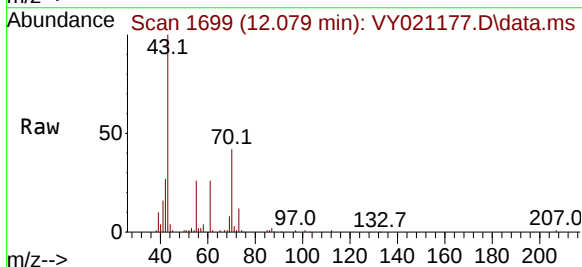
Instrument :
MSVOA_Y
ClientSampleId :



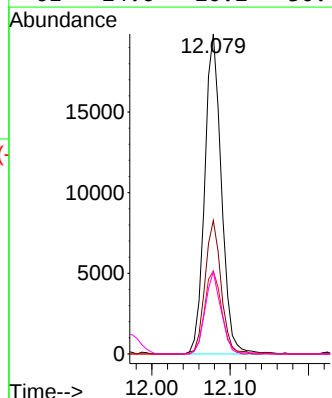
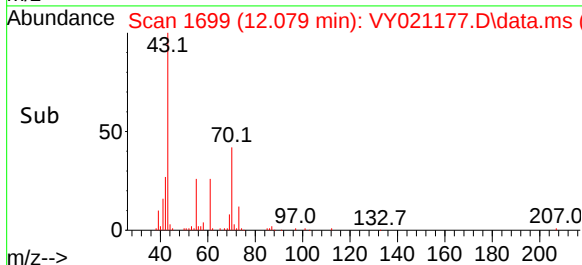
Tgt Ion:105 Resp: 142702
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

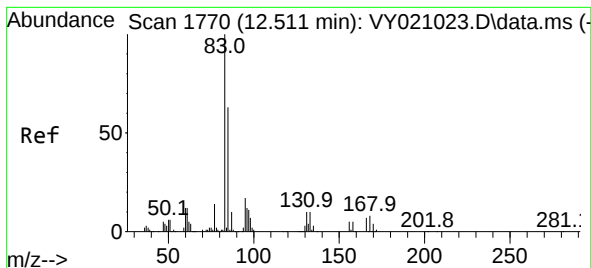


#74
N-ethyl acetate
Concen: 19.655 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12



Tgt Ion: 43 Resp: 29375
Ion Ratio Lower Upper
43 100
70 39.9 36.6 55.0
55 26.3 22.2 33.4
61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.049 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

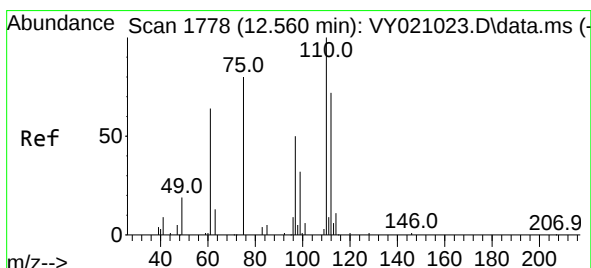
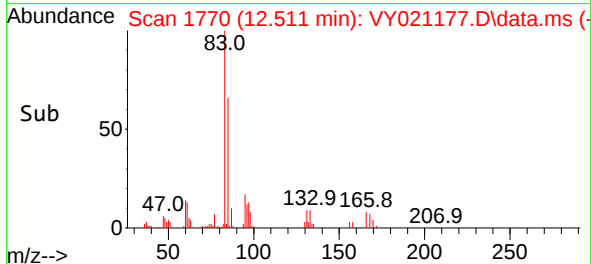
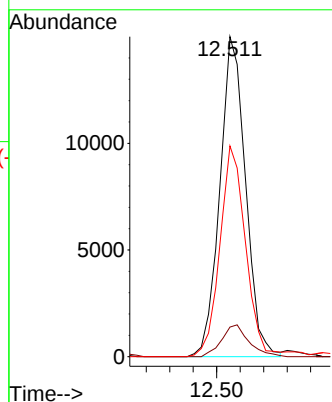
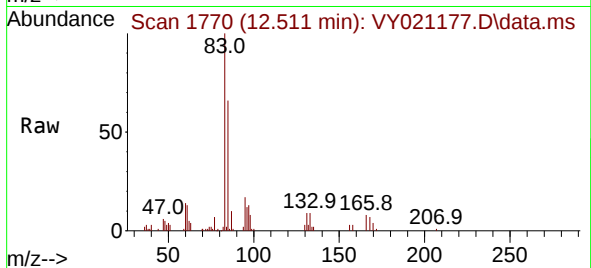
Tgt Ion: 83 Resp: 22794

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.6

85 66.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.938 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY021177.D

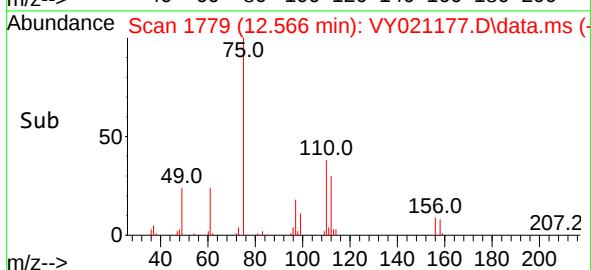
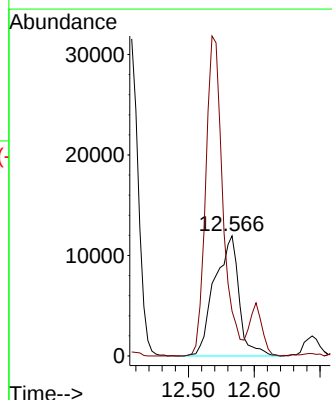
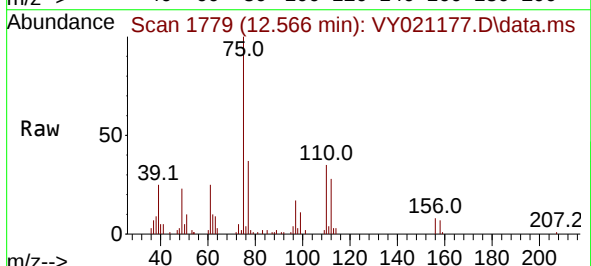
Acq: 12 Feb 2025 12:12

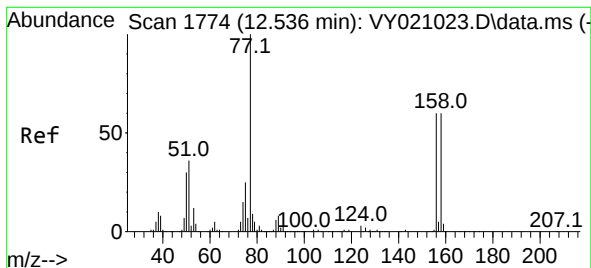
Tgt Ion: 75 Resp: 30910

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.403 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

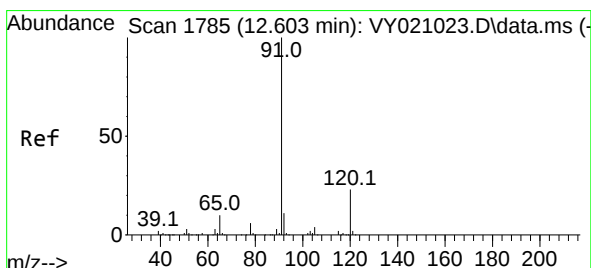
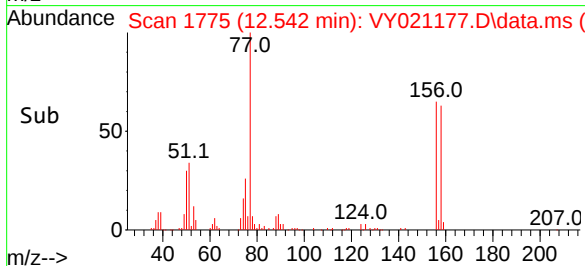
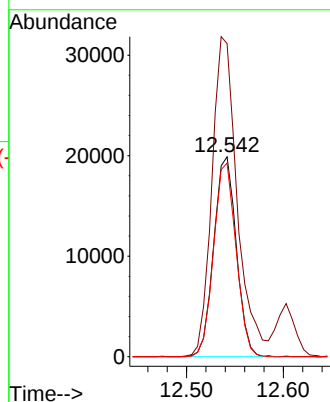
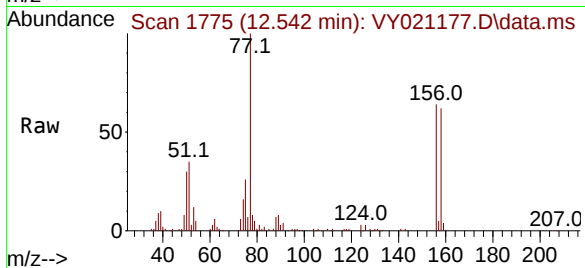
Tgt Ion:156 Resp: 32185

Ion Ratio Lower Upper

156 100

77 180.6 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 21.161 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021177.D

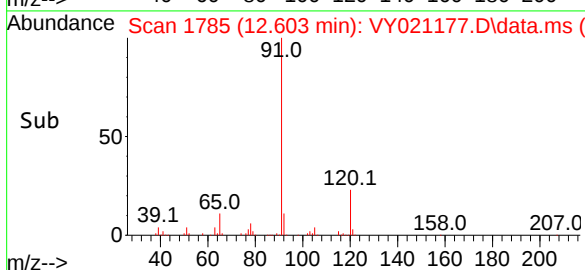
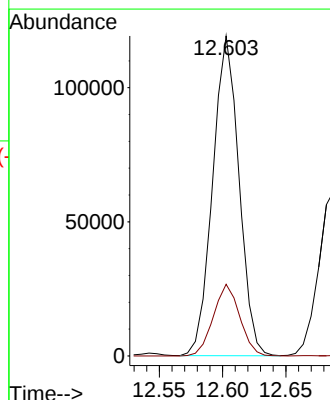
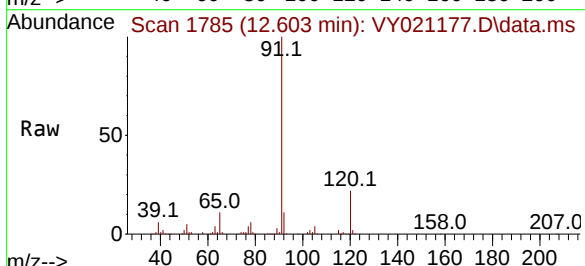
Acq: 12 Feb 2025 12:12

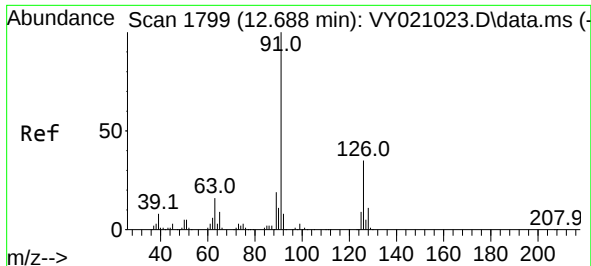
Tgt Ion: 91 Resp: 172314

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0

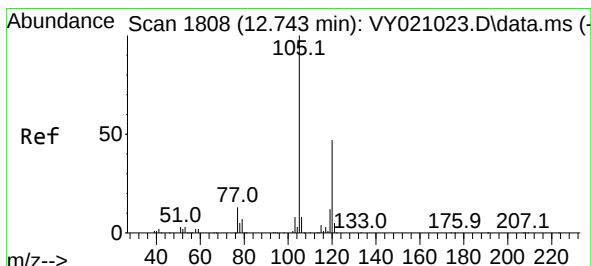
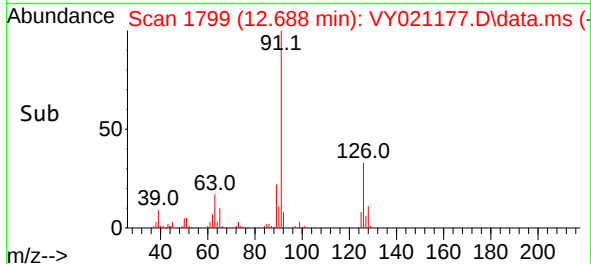
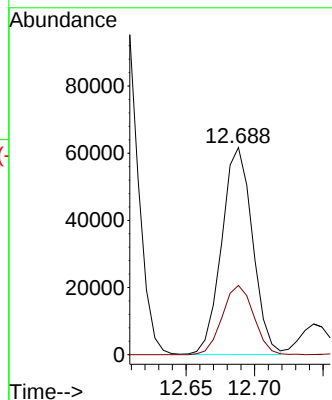
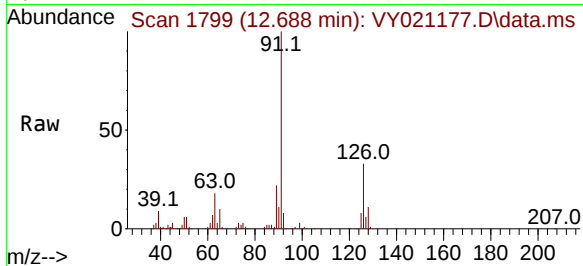




#79
2-Chlorotoluene
Concen: 20.721 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

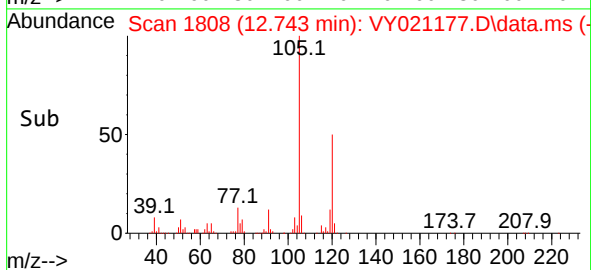
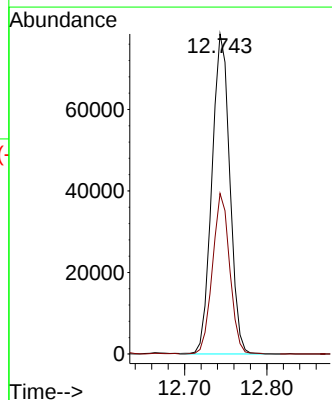
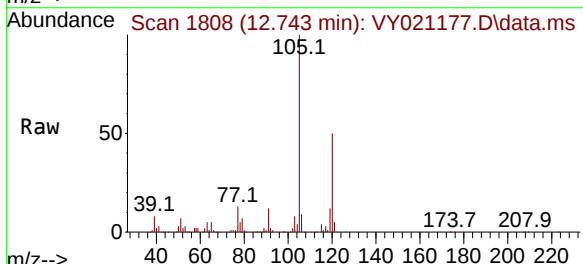
Instrument :
MSVOA_Y
ClientSampleId :

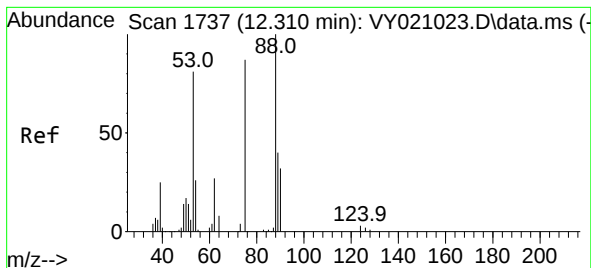
Tgt Ion: 91 Resp: 96640
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.378 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 105 Resp: 118483
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

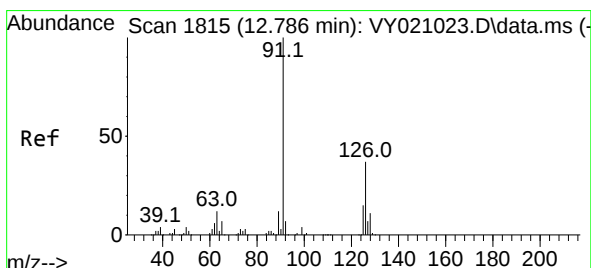
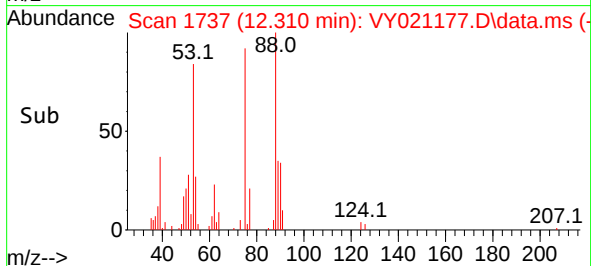
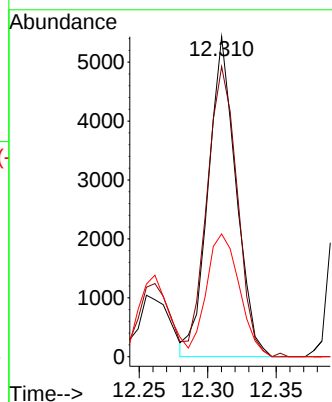
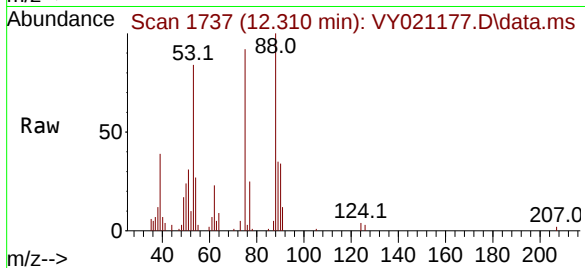




#81
trans-1,4-Dichloro-2-butene
Concen: 19.741 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

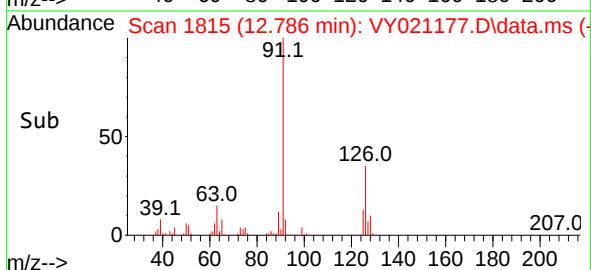
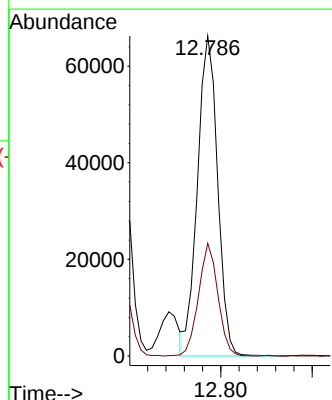
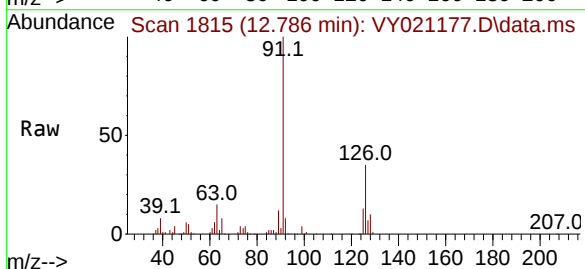
Instrument :
MSVOA_Y
ClientSampleId :

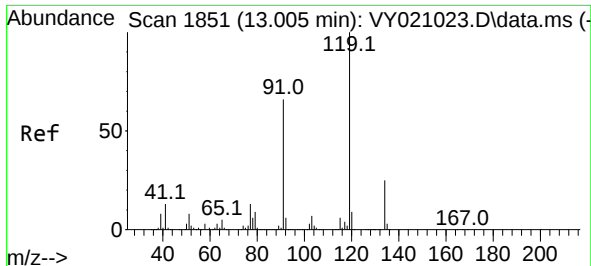
Tgt Ion: 75 Resp: 7680
Ion Ratio Lower Upper
75 100
53 98.9 74.0 111.0
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.379 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 91 Resp: 101592
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

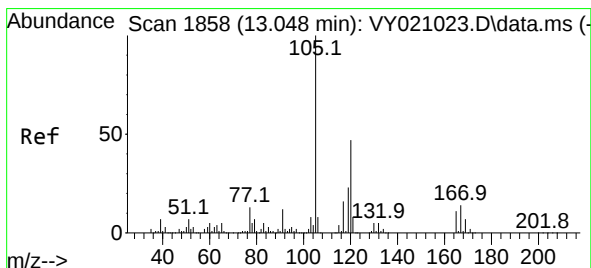
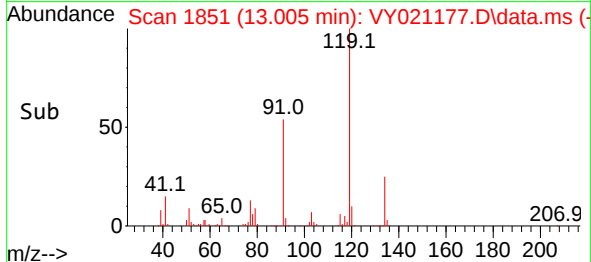
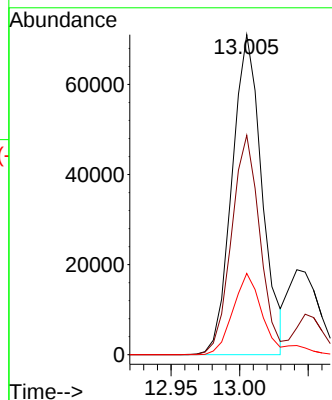
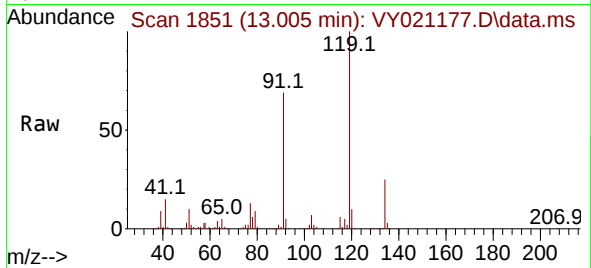




#83
tert-Butylbenzene
Concen: 21.447 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

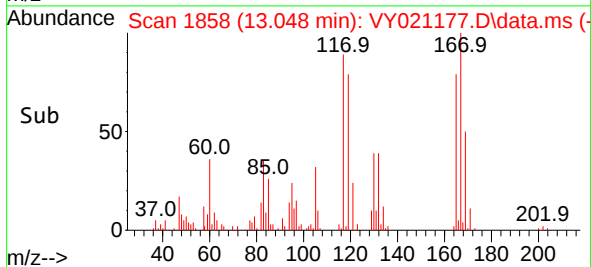
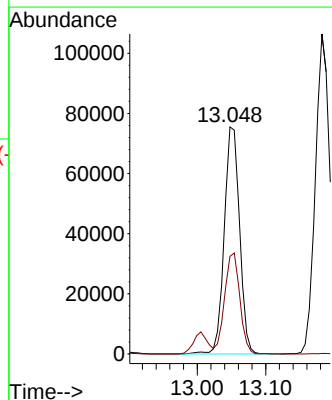
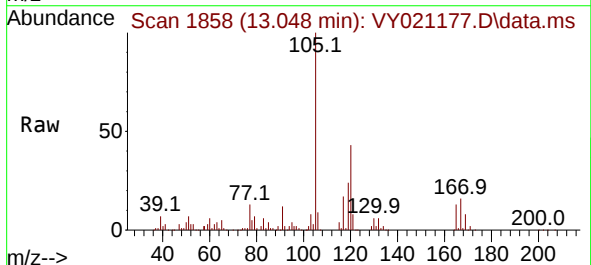
Instrument :
MSVOA_Y
ClientSampleId :

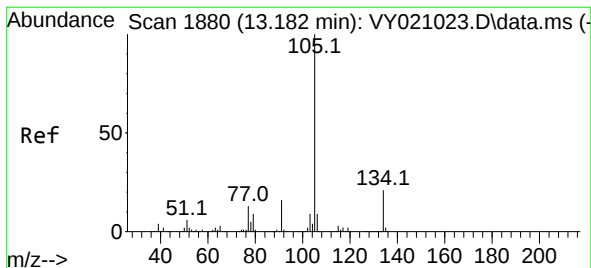
Tgt Ion:119 Resp: 108044
Ion Ratio Lower Upper
119 100
91 65.1 31.5 94.5
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.599 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:105 Resp: 117045
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.736 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

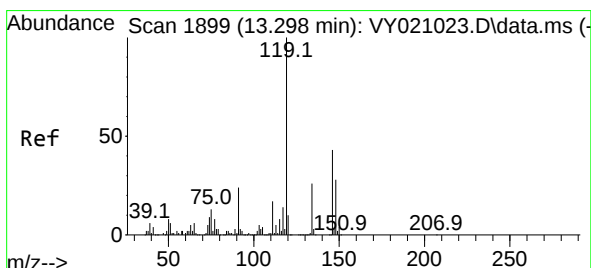
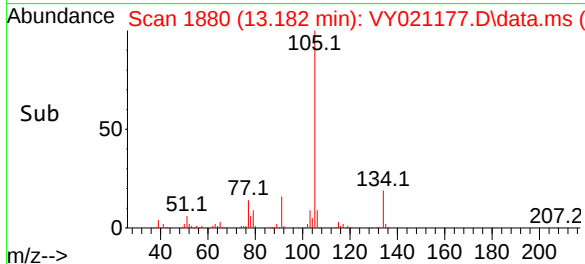
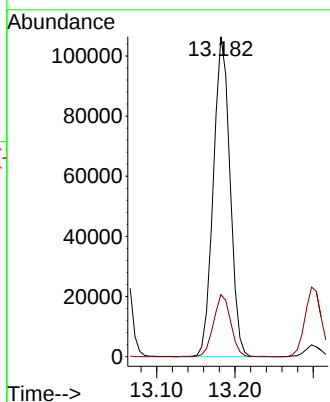
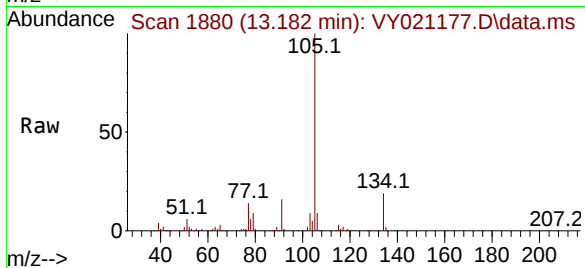
ClientSampleId :

Tgt Ion:105 Resp: 157624

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.361 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

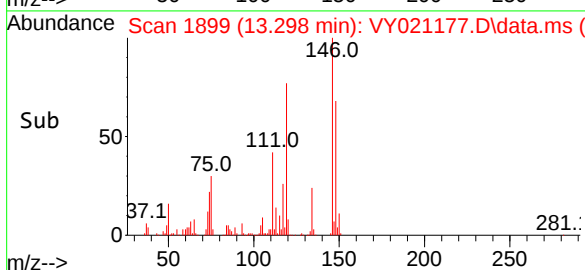
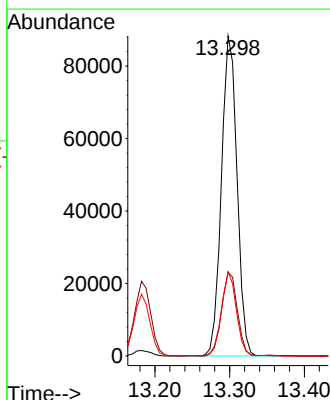
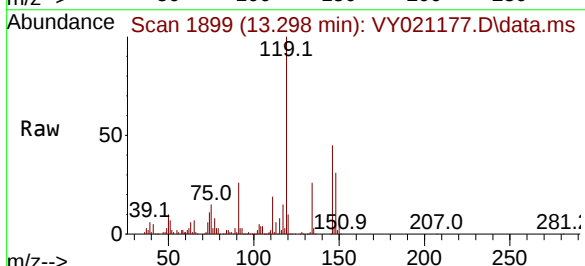
Tgt Ion:119 Resp: 128674

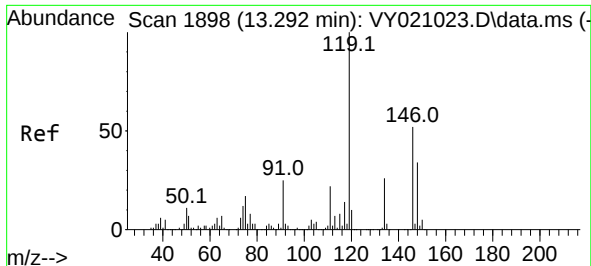
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

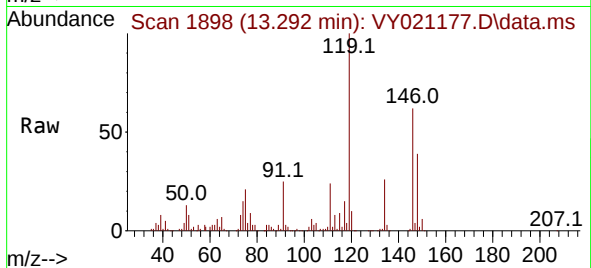
91 25.2 11.7 35.0



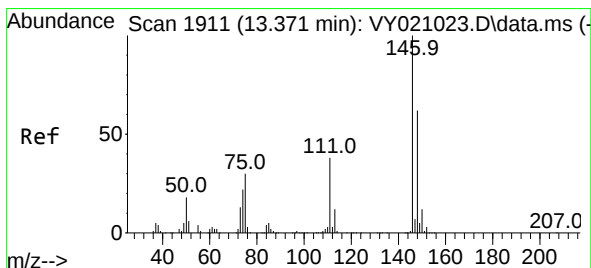
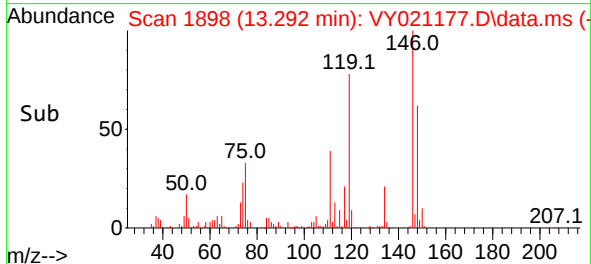
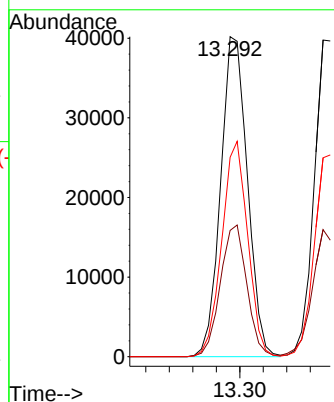


#87
1,3-Dichlorobenzene
Concen: 20.908 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Instrument :
MSVOA_Y
ClientSampleId :

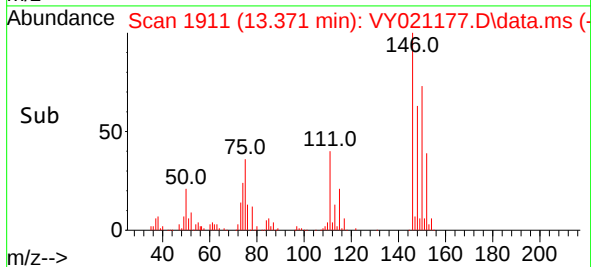
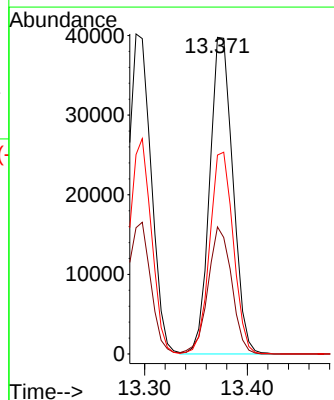
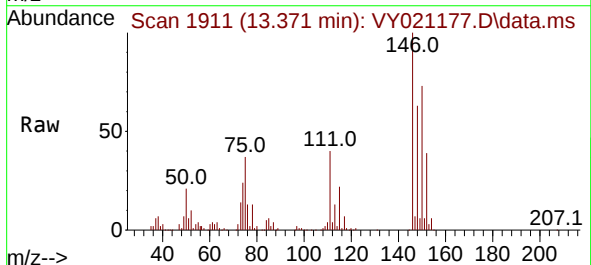


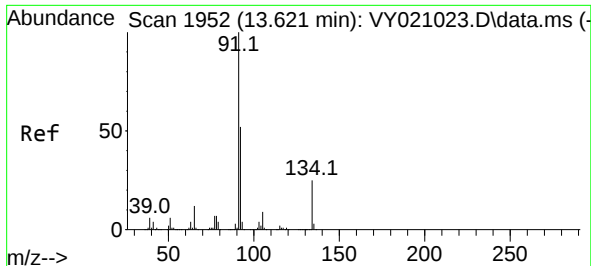
Tgt Ion:146 Resp: 63685
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.5
148 65.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.802 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:146 Resp: 62387
Ion Ratio Lower Upper
146 100
111 40.7 19.3 57.9
148 64.7 31.6 94.7

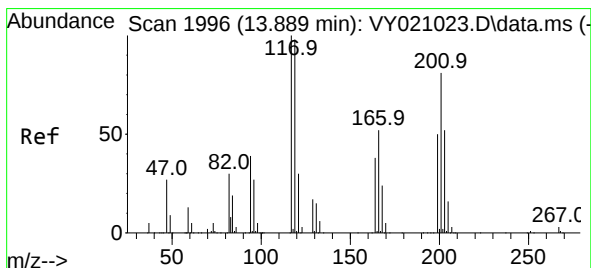
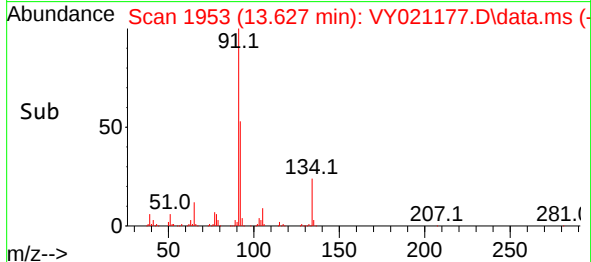
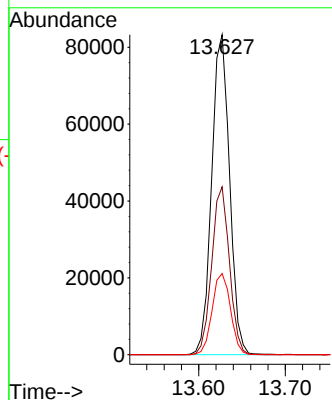
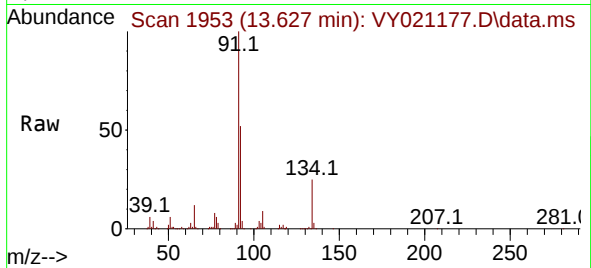




#89
n-Butylbenzene
Concen: 21.779 ug/l
RT: 13.627 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

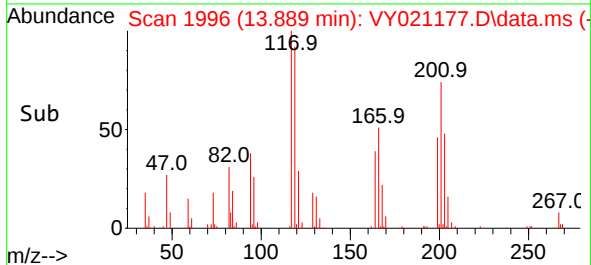
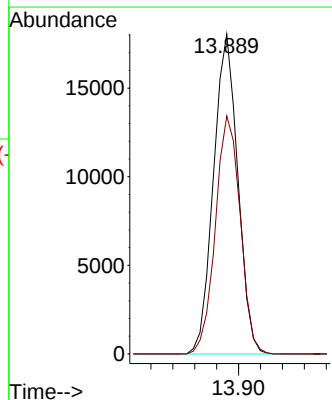
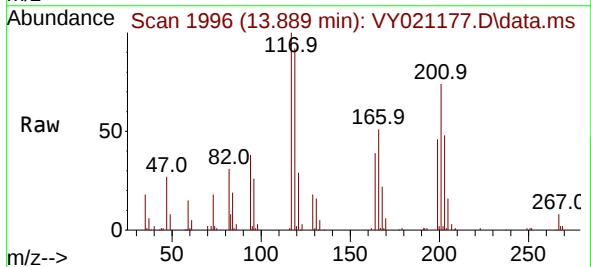
Instrument :
MSVOA_Y
ClientSampleId :

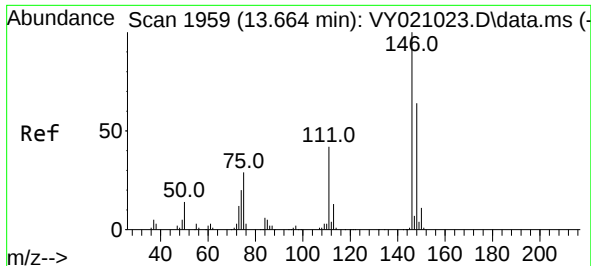
Tgt Ion: 91 Resp: 119683
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 26.0 12.3 36.8



#90
Hexachloroethane
Concen: 22.088 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion: 117 Resp: 27757
Ion Ratio Lower Upper
117 100
201 76.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.034 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

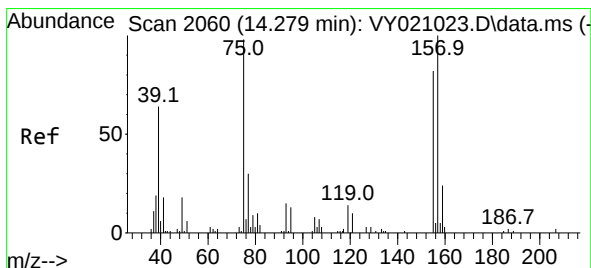
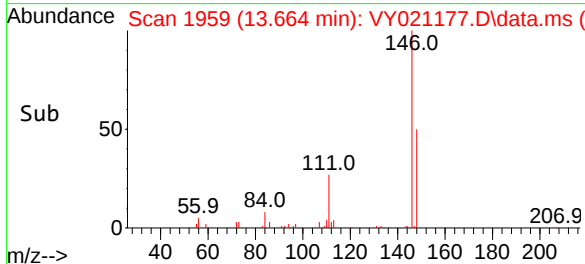
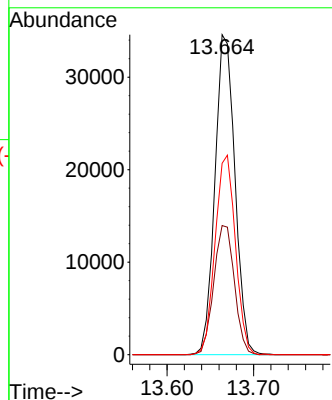
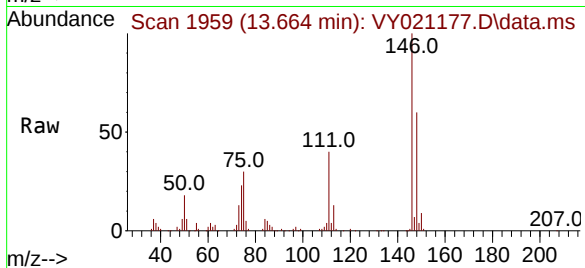
Tgt Ion:146 Resp: 55608

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.2 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.606 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

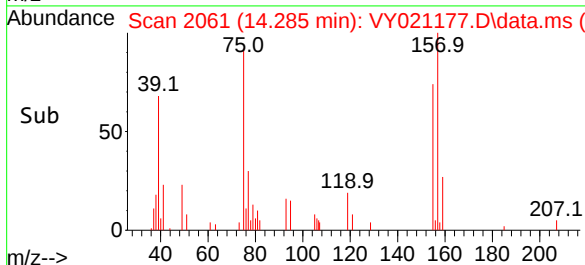
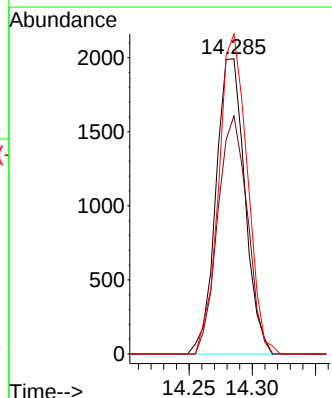
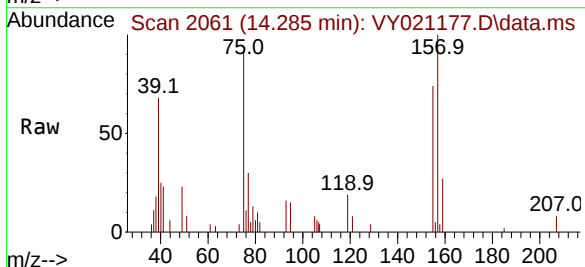
Tgt Ion: 75 Resp: 3161

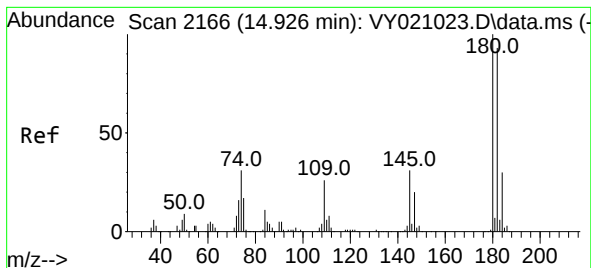
Ion Ratio Lower Upper

75 100

155 82.4 42.1 126.3

157 107.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.036 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

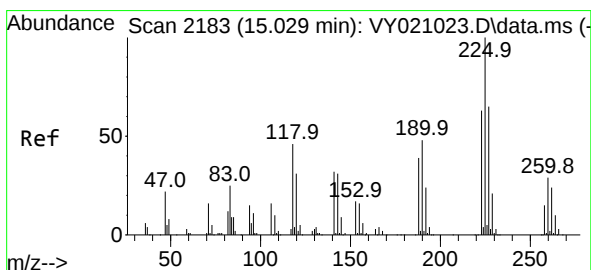
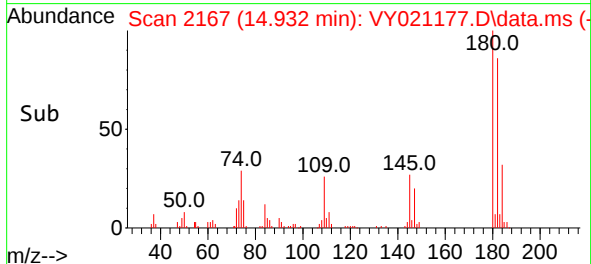
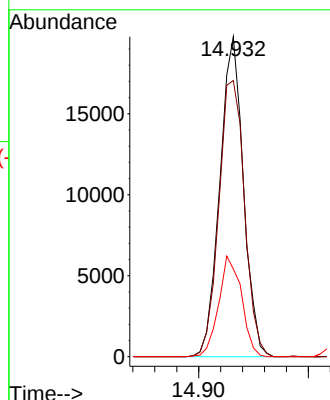
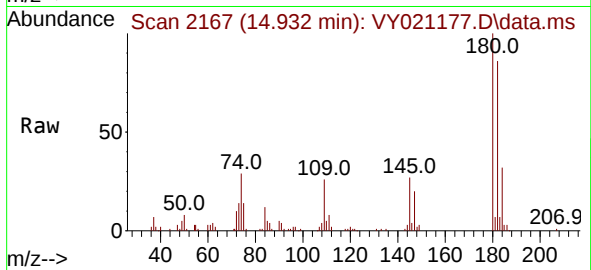
Tgt Ion:180 Resp: 29484

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.736 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021177.D

Acq: 12 Feb 2025 12:12

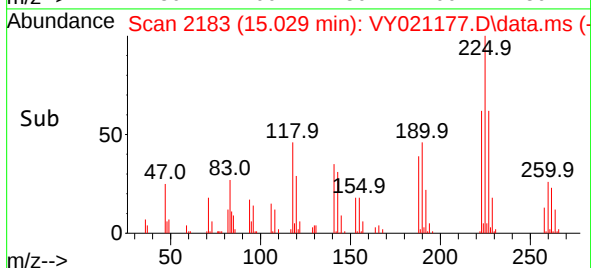
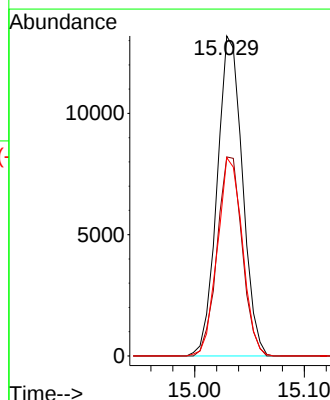
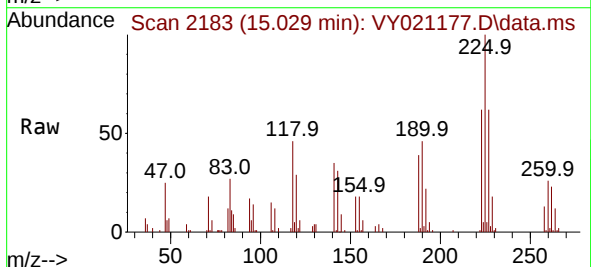
Tgt Ion:225 Resp: 21196

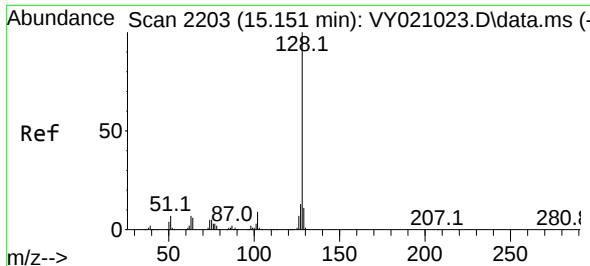
Ion Ratio Lower Upper

225 100

223 61.5 31.4 94.3

227 61.2 32.3 96.8

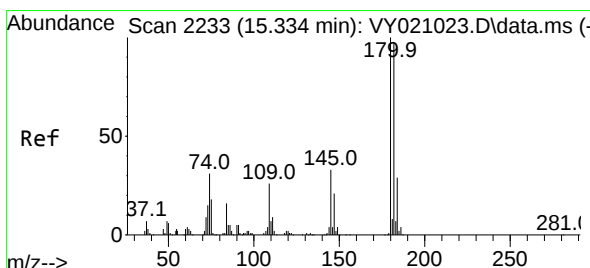
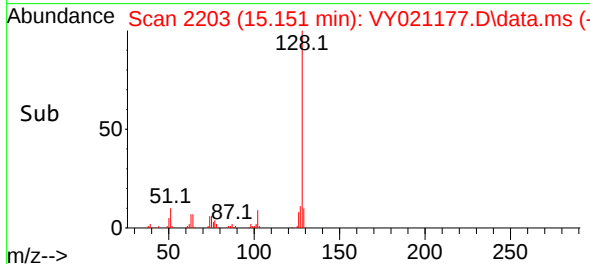
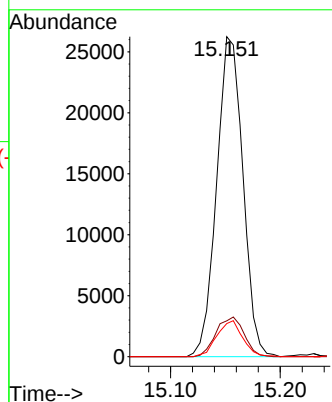
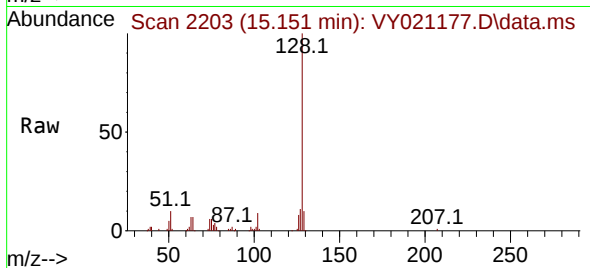




#95
Naphthalene
Concen: 18.547 ug/l
RT: 15.151 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 43665
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.613 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021177.D
Acq: 12 Feb 2025 12:12

Tgt Ion:180 Resp: 24018
Ion Ratio Lower Upper
180 100
182 95.9 46.3 138.8
145 31.8 16.1 48.2

