

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021377.D
 Acq On : 28 Feb 2025 11:32
 Operator : SY/MD
 Sample : VY0228SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Quant Time: Feb 28 22:18:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	168970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	257471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	82743	43.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.340%
35) Dibromofluoromethane	7.640	113	77212	45.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.109	98	289320	44.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.408	95	95946	43.701	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	29723	18.553	ug/l	95
3) Chloromethane	2.068	50	36553	17.667	ug/l	99
4) Vinyl Chloride	2.202	62	39280	19.343	ug/l	93
5) Bromomethane	2.592	94	27186	20.145	ug/l	99
6) Chloroethane	2.732	64	25258	20.057	ug/l	98
7) Trichlorofluoromethane	3.056	101	61224	19.963	ug/l	96
8) Diethyl Ether	3.452	74	17417	18.921	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	34990	19.706	ug/l	100
10) Methyl Iodide	4.007	142	34422	18.427	ug/l	99
11) Tert butyl alcohol	4.866	59	12120	82.204	ug/l	99
12) 1,1-Dichloroethene	3.793	96	31916	18.772	ug/l	91
13) Acrolein	3.647	56	16459	145.677	ug/l	97
14) Allyl chloride	4.385	41	49721	16.495	ug/l	96
15) Acrylonitrile	5.061	53	36749	90.297	ug/l	99
16) Acetone	3.872	43	28550	77.647	ug/l	94
17) Carbon Disulfide	4.104	76	98237	17.401	ug/l	97
18) Methyl Acetate	4.385	43	16534	18.400	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	84448	18.800	ug/l	100
20) Methylene Chloride	4.616	84	37924	19.074	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	34397	18.378	ug/l	96
22) Diisopropyl ether	6.018	45	110995	17.794	ug/l	97
23) Vinyl Acetate	5.964	43	324772	87.130	ug/l	98
24) 1,1-Dichloroethane	5.915	63	63844	18.160	ug/l	99
25) 2-Butanone	6.890	43	46319	83.468	ug/l	97
26) 2,2-Dichloropropane	6.890	77	56022	17.561	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	39898	18.668	ug/l	96
28) Bromochloromethane	7.244	49	27733	17.828	ug/l	92
29) Tetrahydrofuran	7.262	42	31461	86.734	ug/l	97
30) Chloroform	7.421	83	67278	18.886	ug/l	97
31) Cyclohexane	7.701	56	57900	17.133	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	61837	19.070	ug/l	100
36) 1,1-Dichloropropene	7.835	75	47878	18.883	ug/l	99
37) Ethyl Acetate	6.988	43	22949	18.195	ug/l	98
38) Carbon Tetrachloride	7.817	117	55703	19.541	ug/l	99
39) Methylcyclohexane	9.109	83	58155	18.134	ug/l	97
40) Benzene	8.079	78	143523	19.148	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	10866	15.409	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	41428	19.481	ug/l	97
43) Isopropyl Acetate	8.195	43	44479	18.220	ug/l	99
44) Trichloroethene	8.865	130	36816	19.619	ug/l	96
45) 1,2-Dichloropropane	9.140	63	34360	19.049	ug/l	99
46) Dibromomethane	9.231	93	19456	19.733	ug/l	97
47) Bromodichloromethane	9.426	83	51835	19.717	ug/l	98
48) Methyl methacrylate	9.219	41	19952	17.477	ug/l	94
49) 1,4-Dioxane	9.231	88	4114	375.255	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	115289	92.255	ug/l	100
52) Toluene	10.170	92	89754	19.276	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	44692	18.555	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	53051	18.657	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	25241	19.651	ug/l	98
56) Ethyl methacrylate	10.438	69	33119	18.661	ug/l	98
57) 1,3-Dichloropropane	10.719	76	44249	19.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	75597	88.741	ug/l	97
59) 2-Hexanone	10.761	43	74950	91.322	ug/l	100
60) Dibromochloromethane	10.914	129	35624	20.364	ug/l	98
61) 1,2-Dibromoethane	11.011	107	23736	19.519	ug/l	97
64) Tetrachloroethene	10.646	164	34526	20.389	ug/l	98
65) Chlorobenzene	11.444	112	99308	19.747	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	35523	20.173	ug/l	100
67) Ethyl Benzene	11.524	91	170306	19.119	ug/l	99
68) m/p-Xylenes	11.633	106	131250	39.173	ug/l	98
69) o-Xylene	11.956	106	61033	19.445	ug/l	98
70) Styrene	11.969	104	102541	19.635	ug/l	99
71) Bromoform	12.133	173	20397	20.248	ug/l #	99
73) Isopropylbenzene	12.255	105	164175	18.914	ug/l	100
74) N-amyl acetate	12.072	43	37786	17.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	29422	19.206	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	37765	32.678	ug/l #	100
77) Bromobenzene	12.536	156	39235	19.434	ug/l	94
78) n-propylbenzene	12.597	91	196454	18.652	ug/l	98
79) 2-Chlorotoluene	12.682	91	113116	18.713	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	136074	19.114	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	8873	17.065	ug/l	96
82) 4-Chlorotoluene	12.779	91	115393	18.415	ug/l	98
83) tert-Butylbenzene	12.999	119	119869	18.640	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	135274	19.106	ug/l	99
85) sec-Butylbenzene	13.176	105	176579	18.799	ug/l	99
86) p-Isopropyltoluene	13.292	119	148920	18.987	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77744	19.467	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	76272	19.333	ug/l	99
89) n-Butylbenzene	13.621	91	136569	18.503	ug/l	98
90) Hexachloroethane	13.883	117	30423	18.570	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	68082	19.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4491	18.532	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	39259	18.384	ug/l	99
94) Hexachlorobutadiene	15.029	225	25857	19.232	ug/l	99
95) Naphthalene	15.151	128	61755	17.459	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	33733	18.696	ug/l	98

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Response via : Initial Calibration

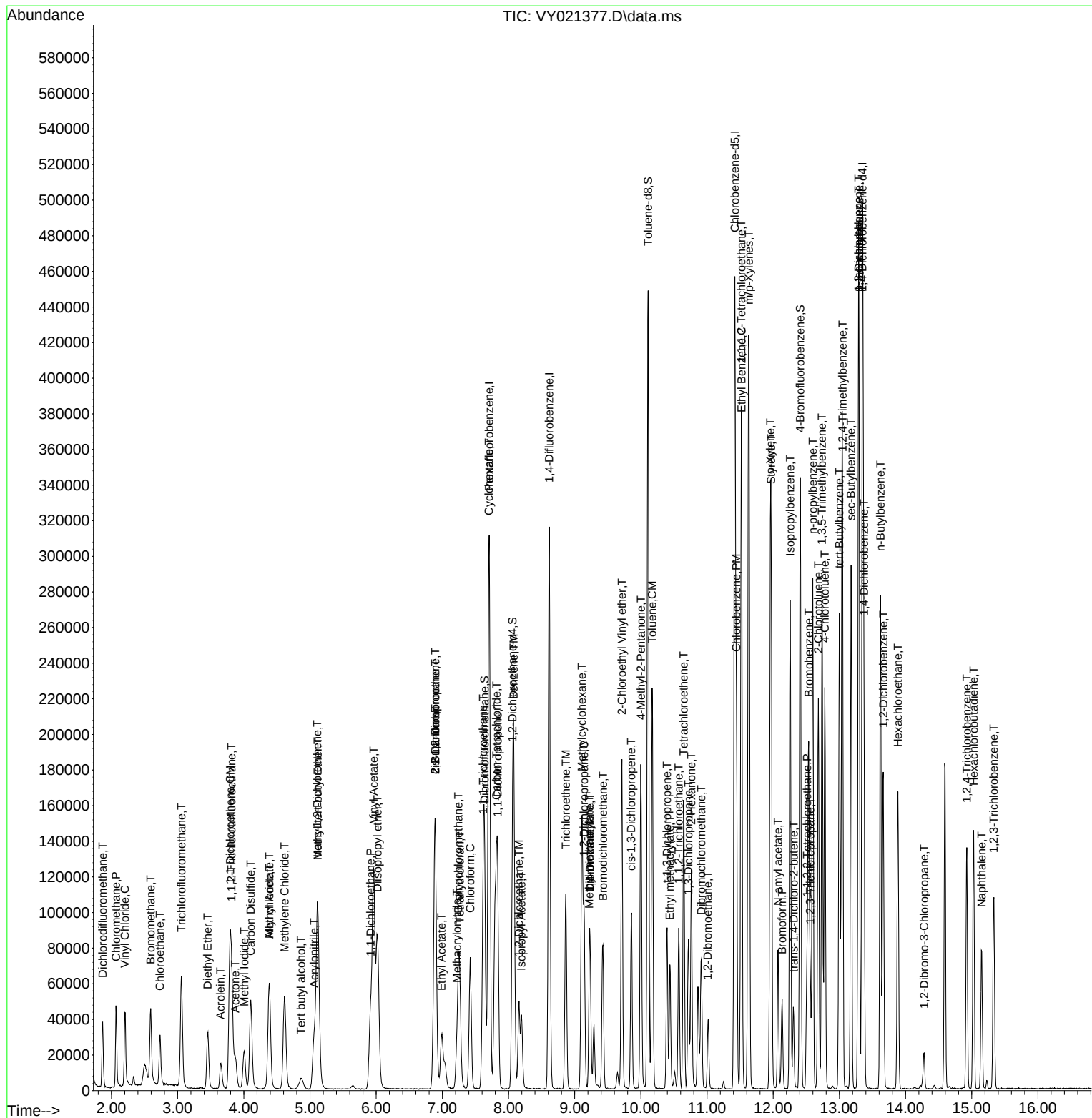
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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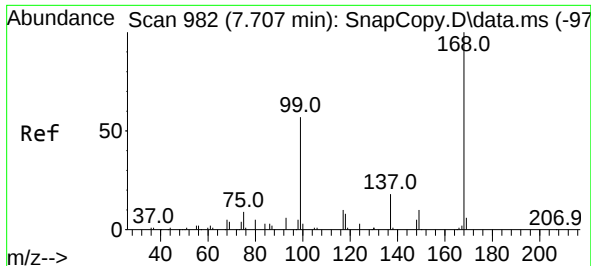
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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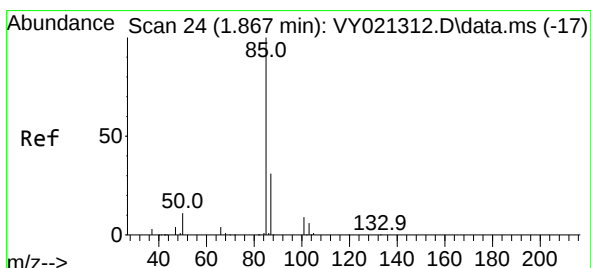
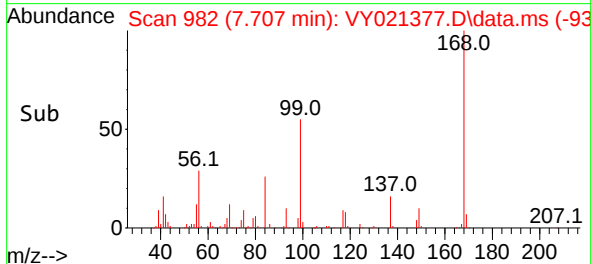
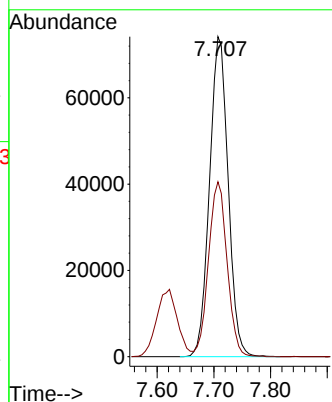
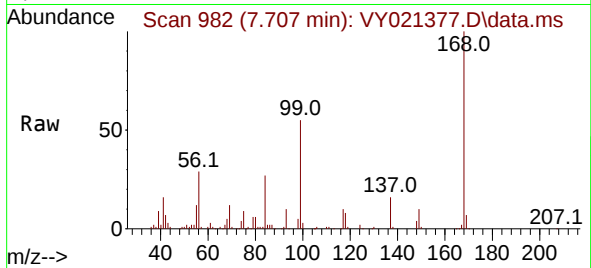




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021377.D
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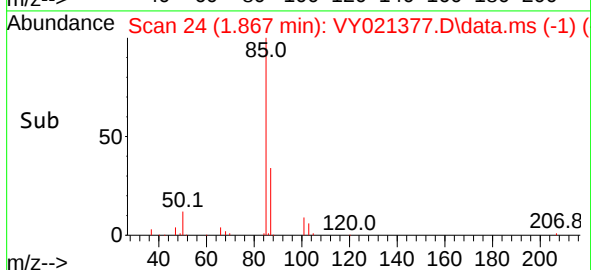
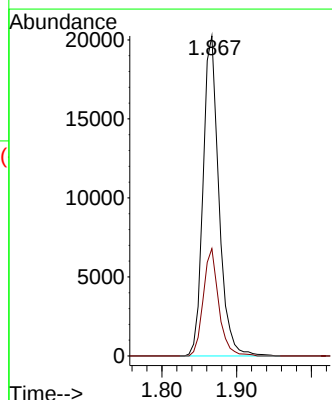
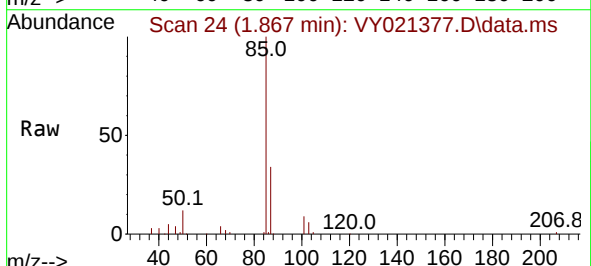
Instrument :
MSVOA_Y
ClientSampleId :
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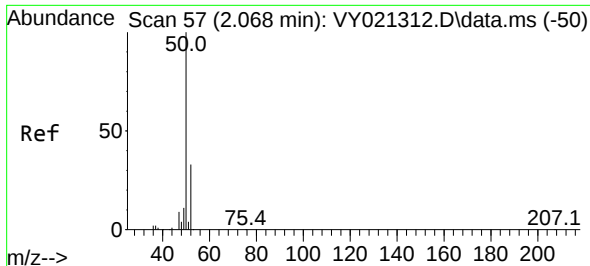
Tgt Ion:168 Resp: 168970
Ion Ratio Lower Upper
168 100
99 54.7 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 18.553 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 85 Resp: 29723
Ion Ratio Lower Upper
85 100
87 33.6 15.4 46.4

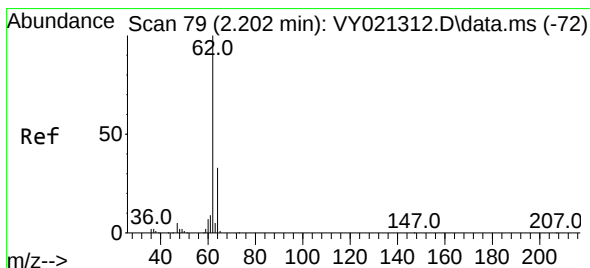
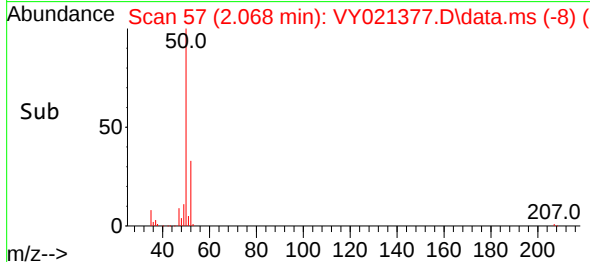
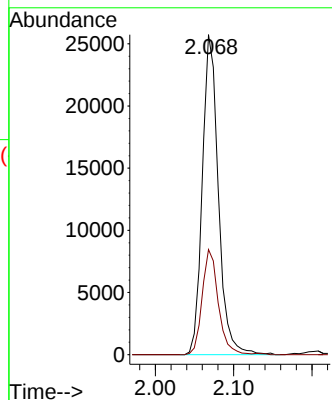
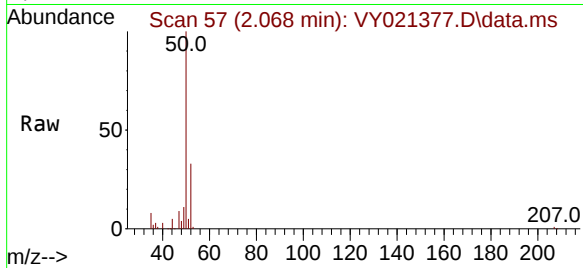




#3
Chloromethane
Concen: 17.667 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

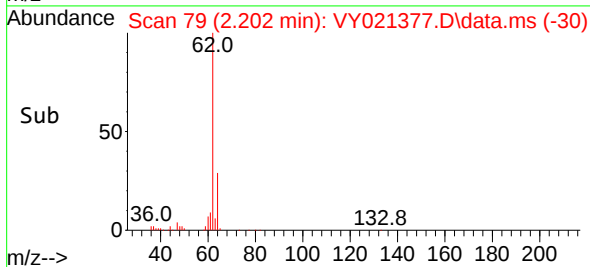
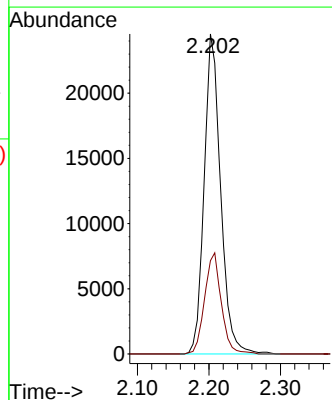
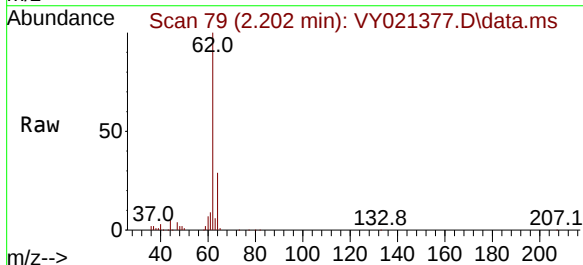
Instrument :
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ClientSampleId :
VY0228SBS01

Tgt Ion: 50 Resp: 36553
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 19.343 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 62 Resp: 39280
Ion Ratio Lower Upper
62 100
64 29.1 26.3 39.5

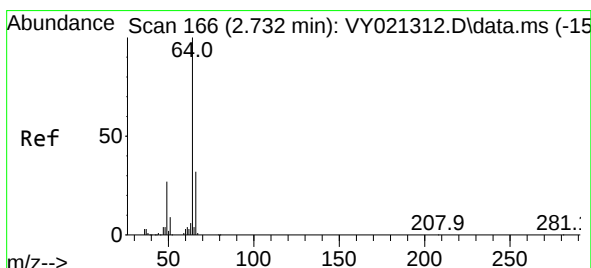
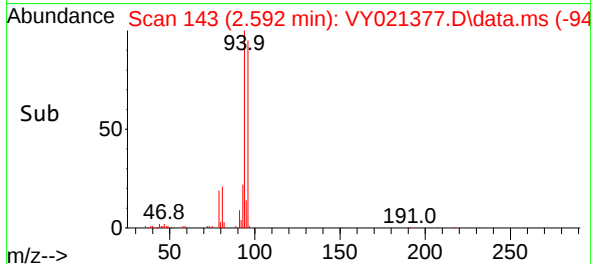
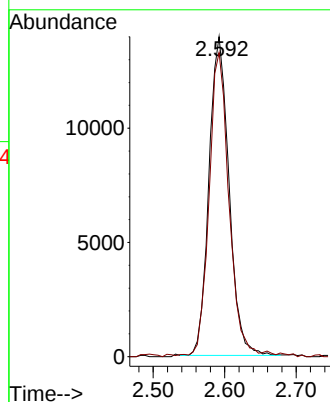
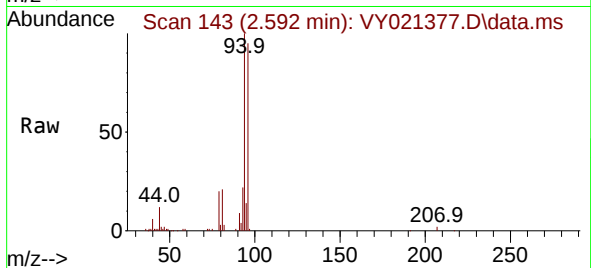




#5
Bromomethane
Concen: 20.145 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

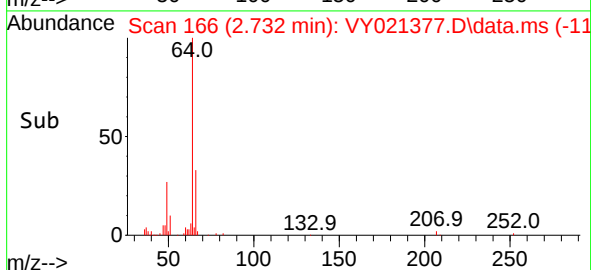
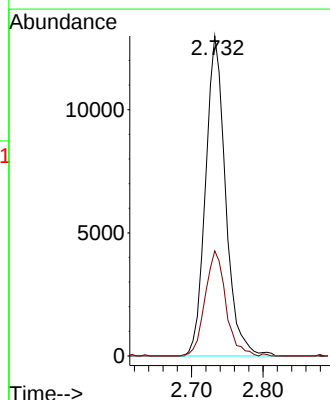
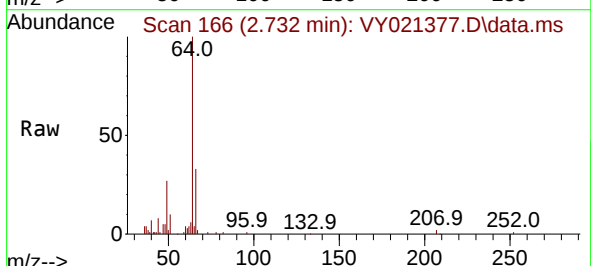
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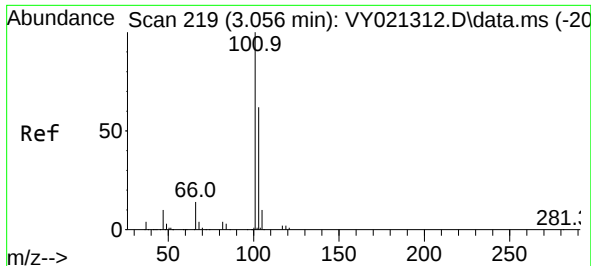
Tgt Ion: 94 Resp: 27186
Ion Ratio Lower Upper
94 100
96 94.8 75.2 112.8



#6
Chloroethane
Concen: 20.057 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021377.D
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Tgt Ion: 64 Resp: 25258
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

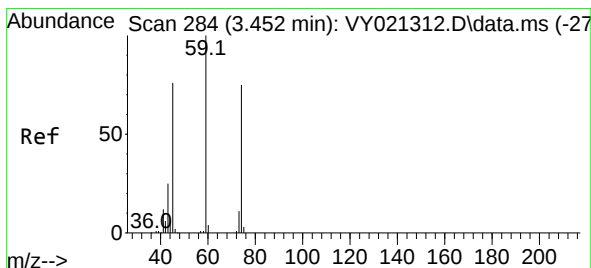
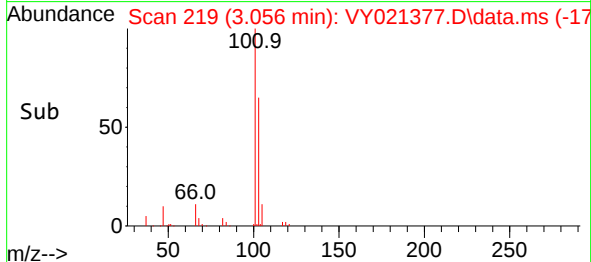
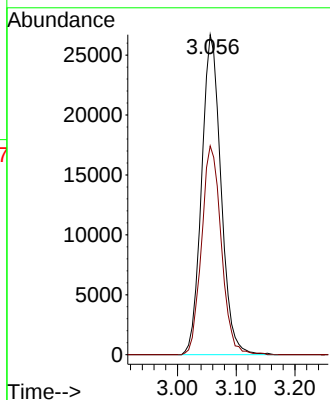
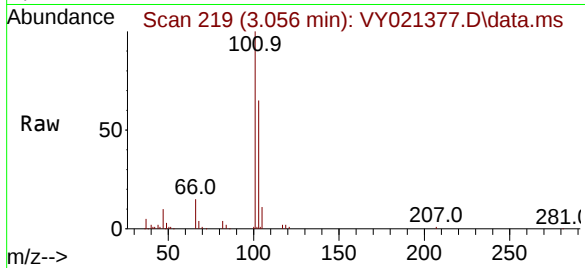




#7
Trichlorofluoromethane
Concen: 19.963 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

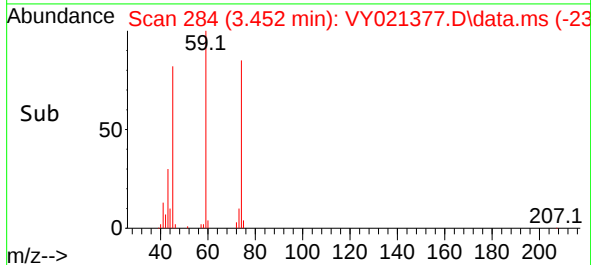
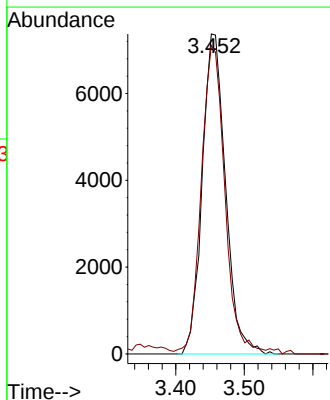
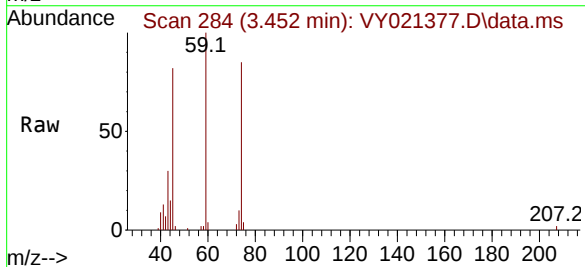
Instrument :
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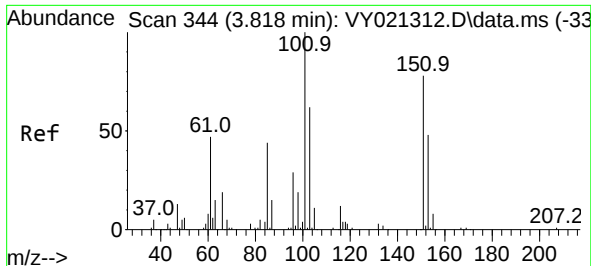
Tgt Ion:101 Resp: 61224
Ion Ratio Lower Upper
101 100
103 65.2 49.7 74.5



#8
Diethyl Ether
Concen: 18.921 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 74 Resp: 17417
Ion Ratio Lower Upper
74 100
45 95.5 50.3 150.9

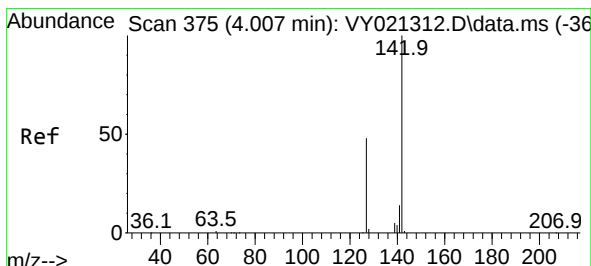
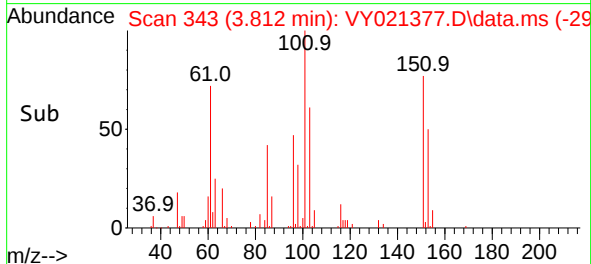
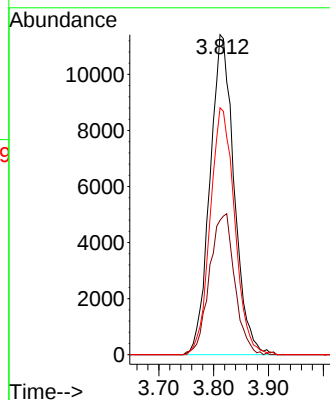
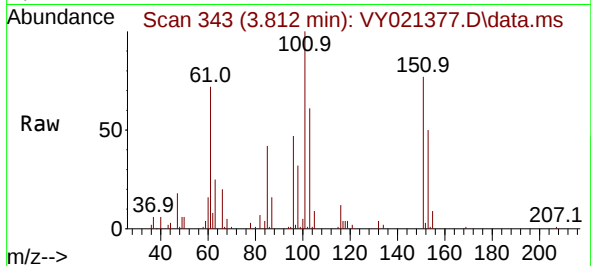




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.706 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

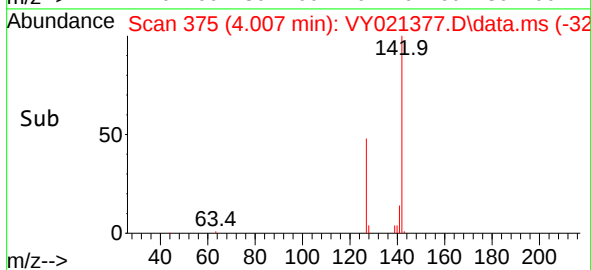
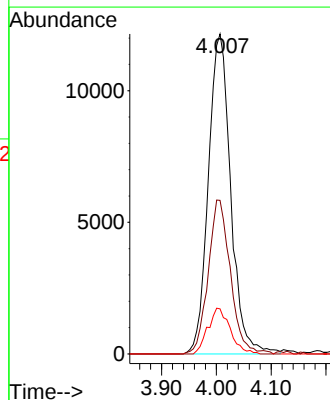
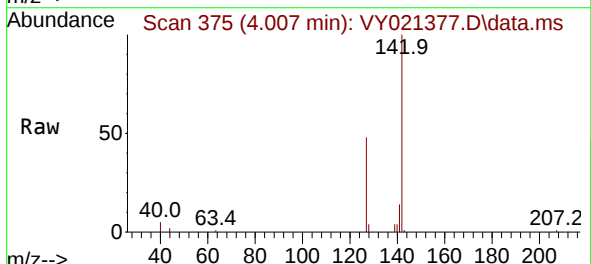
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

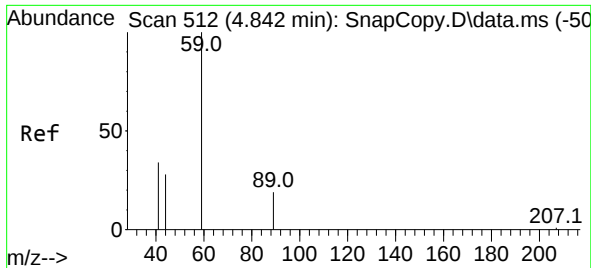
Tgt Ion:101 Resp: 34990
Ion Ratio Lower Upper
101 100
85 45.8 36.7 55.1
151 78.0 62.6 94.0



#10
Methyl Iodide
Concen: 18.427 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion:142 Resp: 34422
Ion Ratio Lower Upper
142 100
127 47.7 39.2 58.8
141 14.3 11.4 17.2

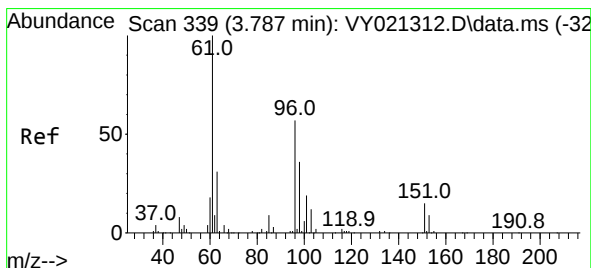
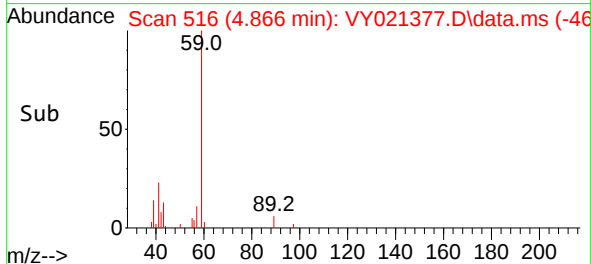
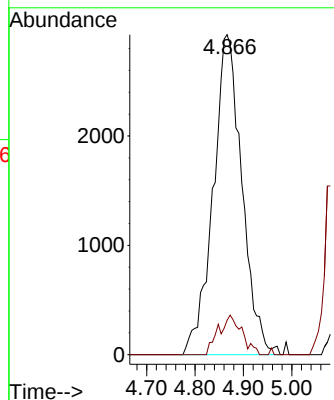
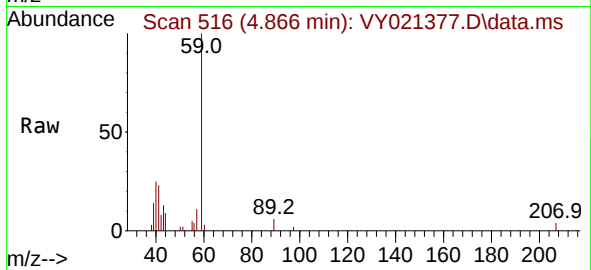




#11
Tert butyl alcohol
Concen: 82.204 ug/l
RT: 4.866 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

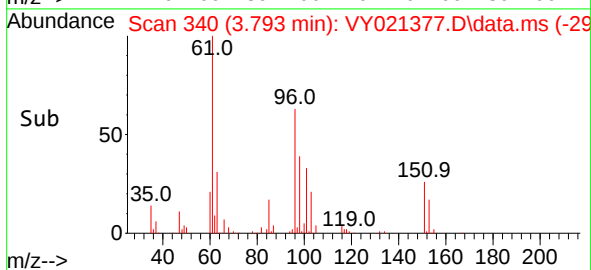
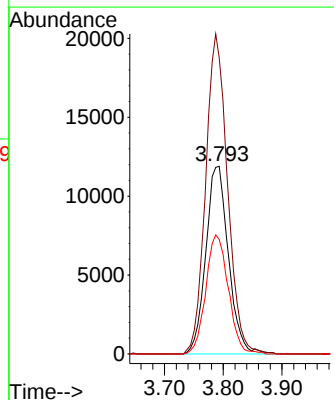
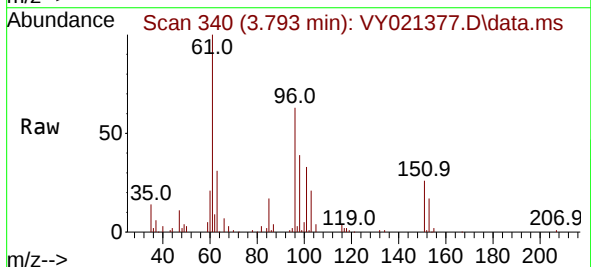
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

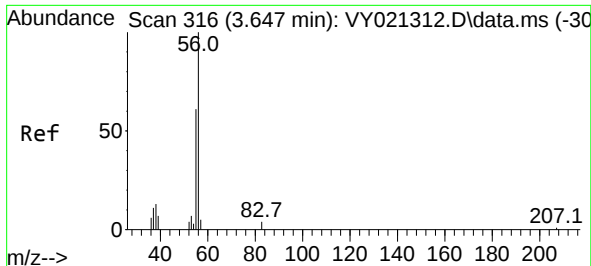
Tgt Ion: 59 Resp: 12120
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.772 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 96 Resp: 31916
Ion Ratio Lower Upper
96 100
61 157.6 139.7 209.5
98 60.9 49.7 74.5

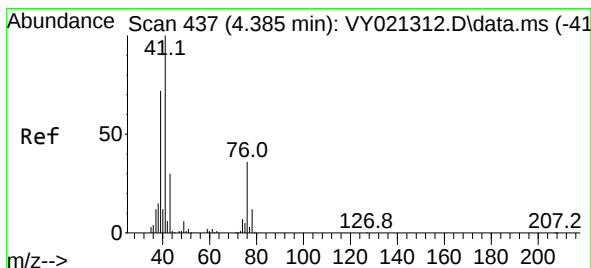
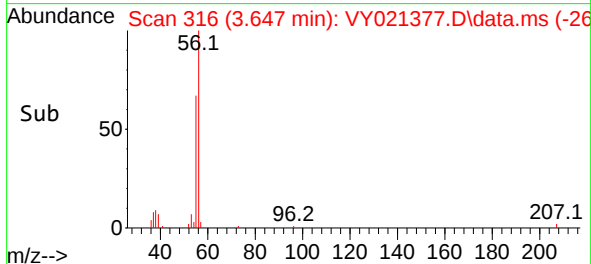
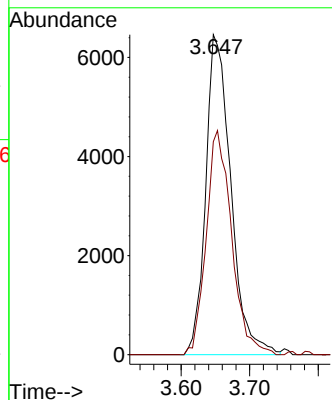
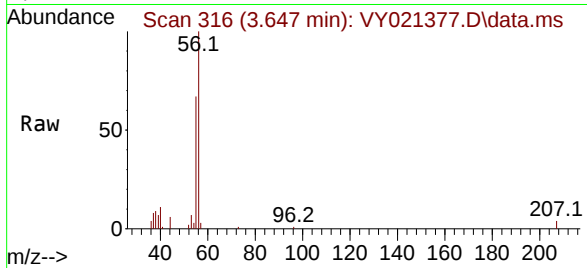




#13
Acrolein
Concen: 145.677 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

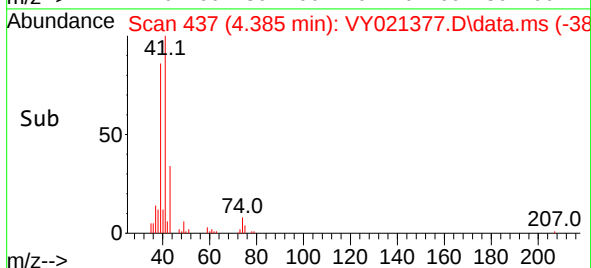
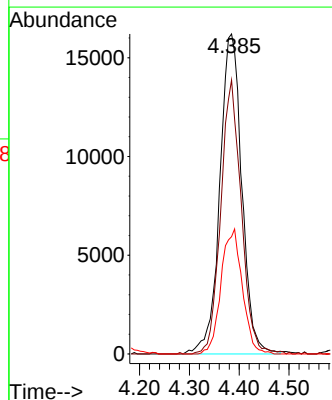
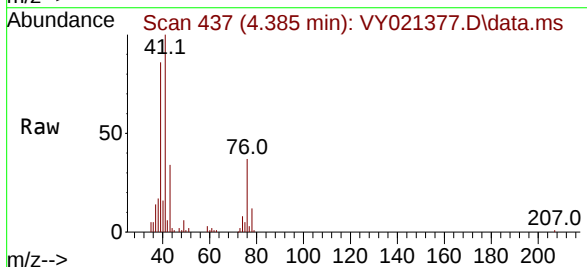
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

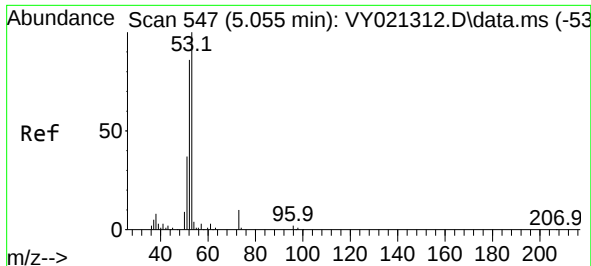
Tgt Ion: 56 Resp: 16459
Ion Ratio Lower Upper
56 100
55 70.9 59.0 88.6



#14
Allyl chloride
Concen: 16.495 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 41 Resp: 49721
Ion Ratio Lower Upper
41 100
39 79.6 60.0 90.0
76 37.7 29.0 43.6

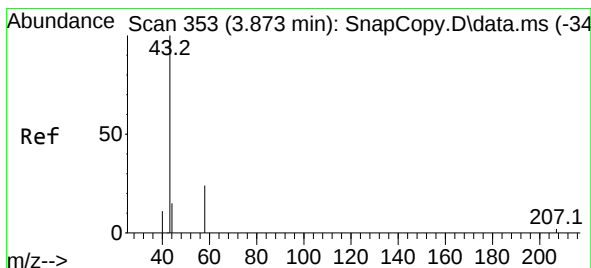
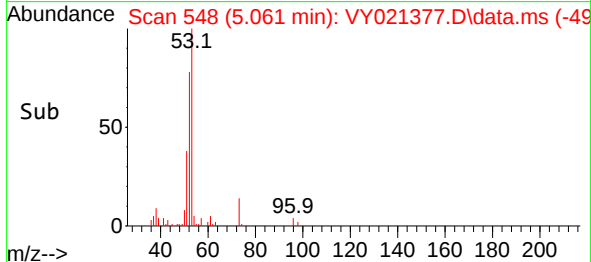
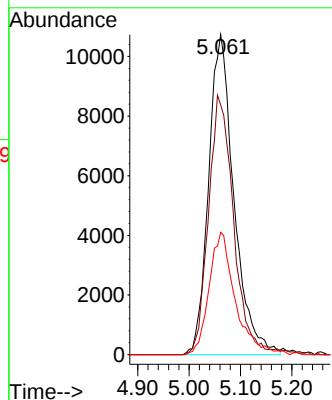
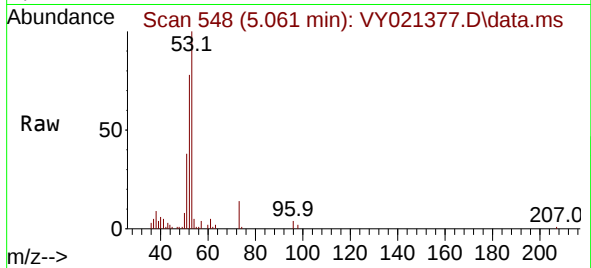




#15
Acrylonitrile
Concen: 90.297 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

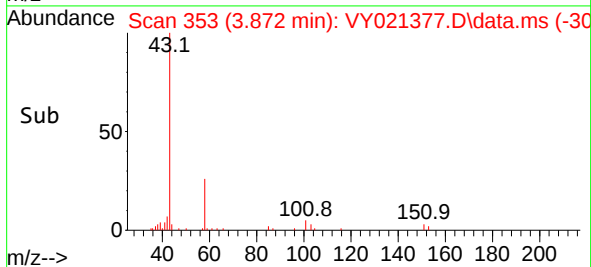
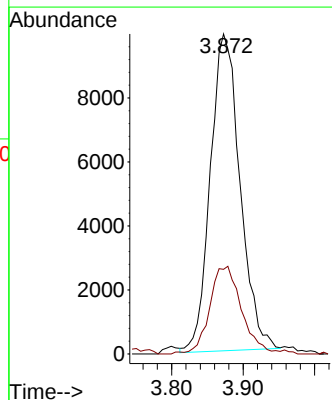
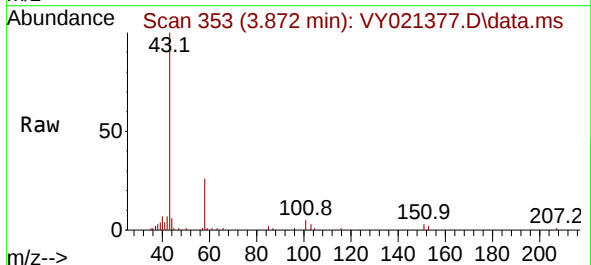
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion: 53 Resp: 36749
Ion Ratio Lower Upper
53 100
52 80.7 65.5 98.3
51 39.4 30.6 46.0



#16
Acetone
Concen: 77.647 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 43 Resp: 28550
Ion Ratio Lower Upper
43 100
58 26.3 23.5 35.3

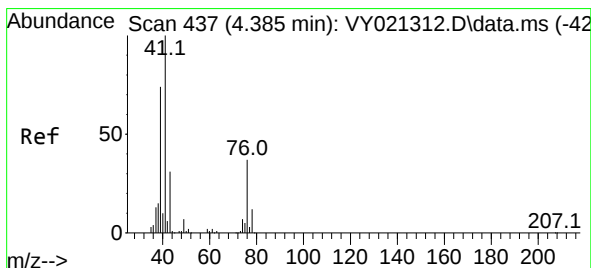
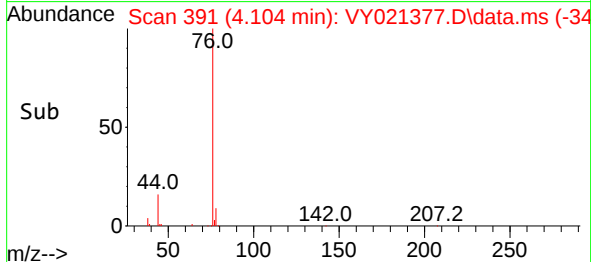
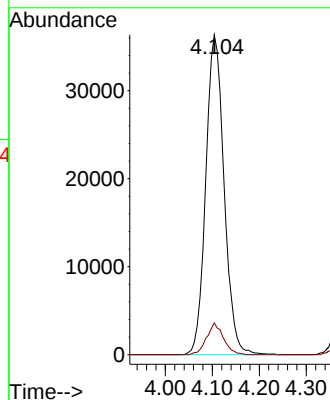
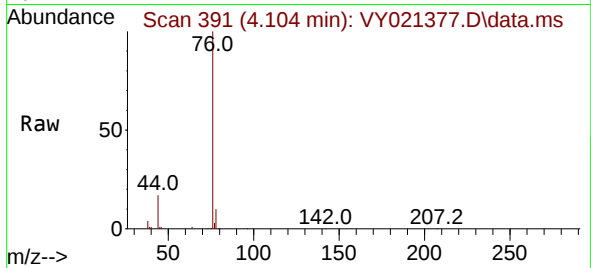




#17
Carbon Disulfide
Concen: 17.401 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

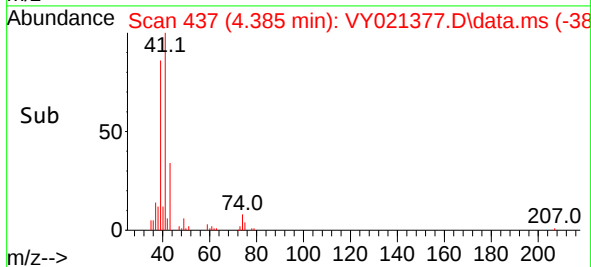
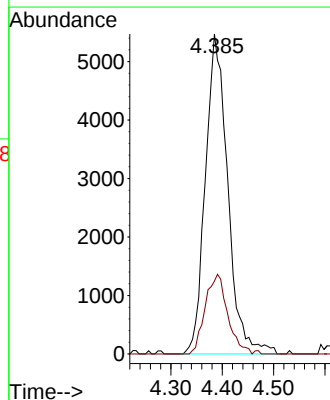
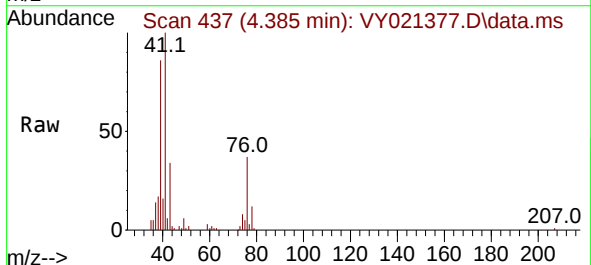
Instrument :
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ClientSampleId :
VY0228SBS01

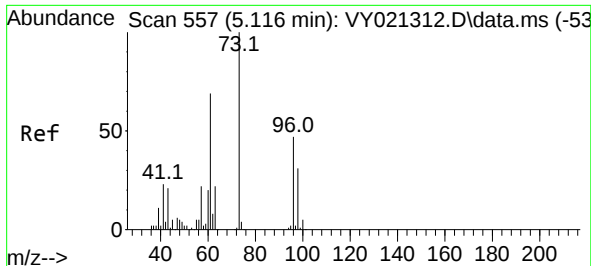
Tgt Ion: 76 Resp: 98237
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#18
Methyl Acetate
Concen: 18.400 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 43 Resp: 16534
Ion Ratio Lower Upper
43 100
74 25.0 17.7 26.5

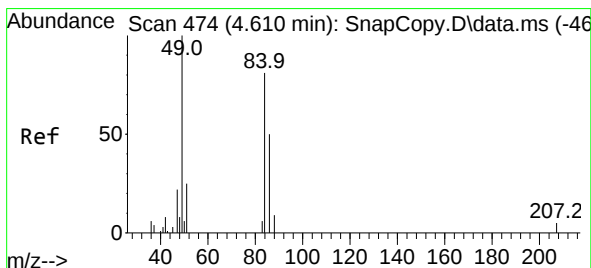
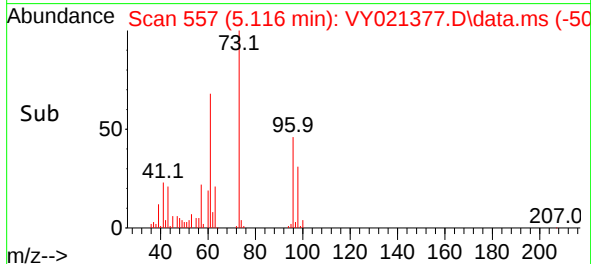
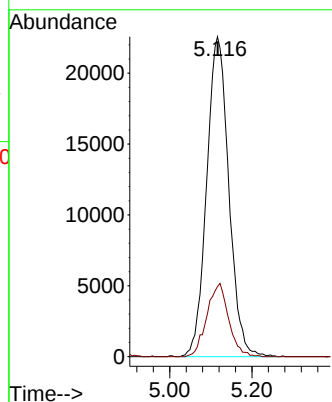
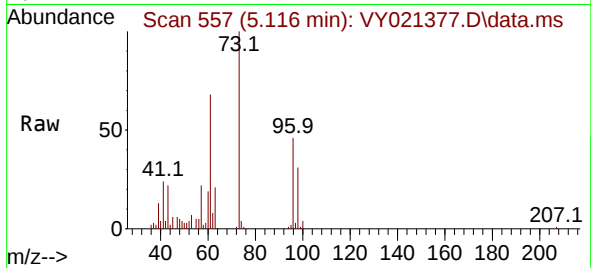




#19
Methyl tert-butyl Ether
Concen: 18.800 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

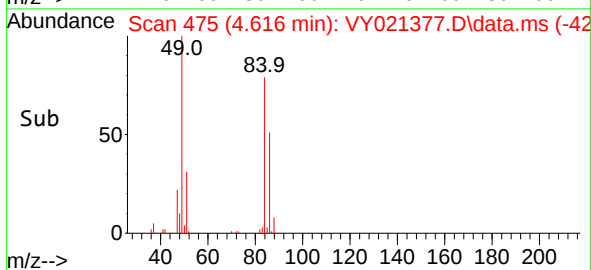
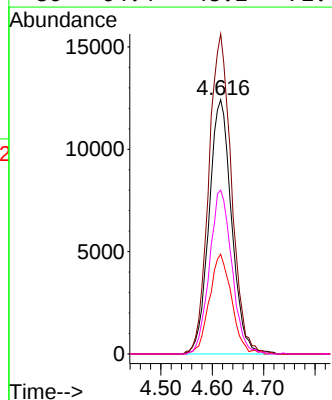
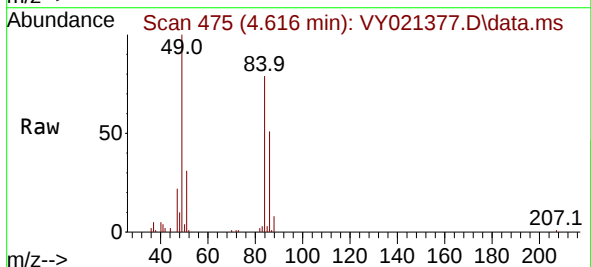
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

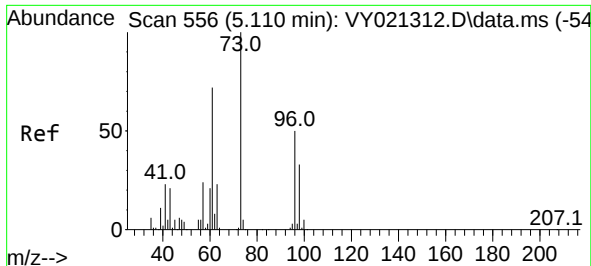
Tgt Ion: 73 Resp: 84448
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 19.074 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 84 Resp: 37924
Ion Ratio Lower Upper
84 100
49 125.8 105.1 157.7
51 39.2 31.0 46.4
86 64.4 48.2 72.4

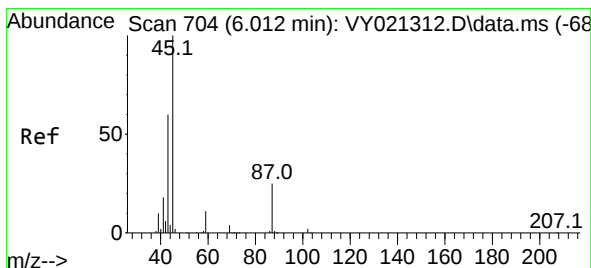
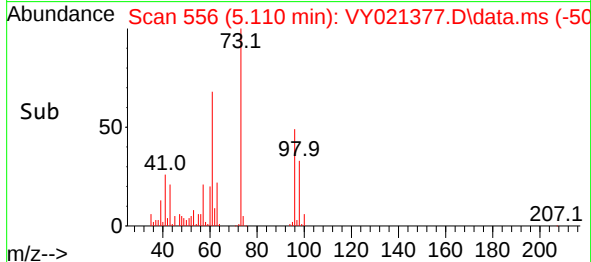
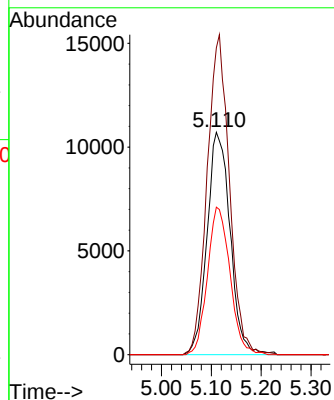
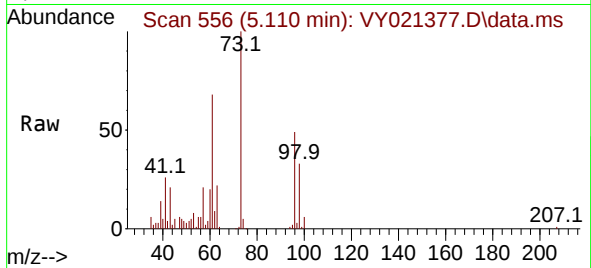




#21
trans-1,2-Dichloroethene
Concen: 18.378 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

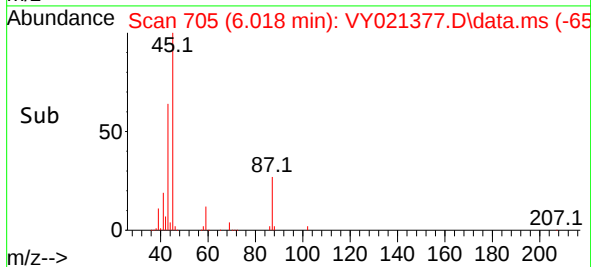
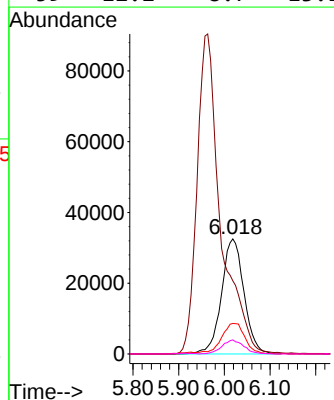
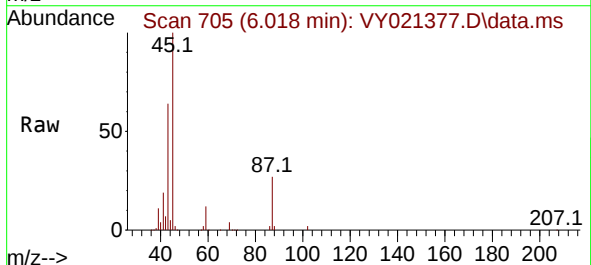
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

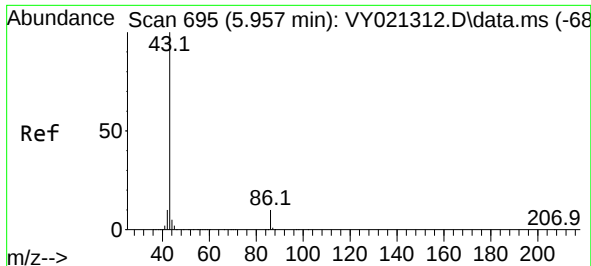
Tgt Ion: 96 Resp: 34397
Ion Ratio Lower Upper
96 100
61 138.0 116.3 174.5
98 66.3 52.6 78.8



#22
Diisopropyl ether
Concen: 17.794 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 45 Resp: 110995
Ion Ratio Lower Upper
45 100
43 62.5 48.2 72.4
87 26.5 20.3 30.5
59 12.2 8.7 13.1

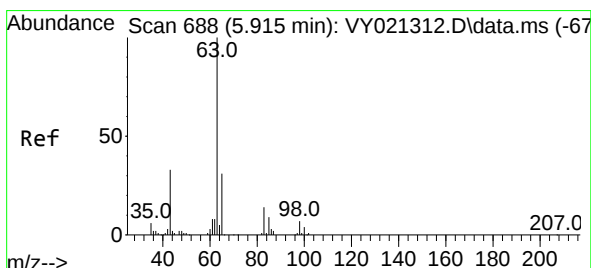
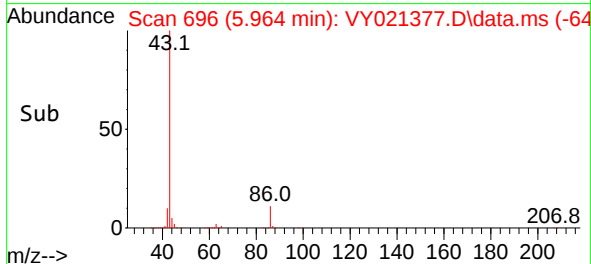
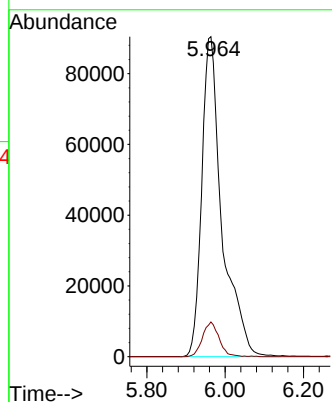
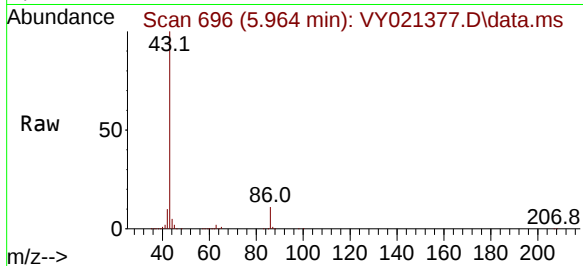




#23
 Vinyl Acetate
 Concen: 87.130 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021377.D
 Acq: 28 Feb 2025 11:32

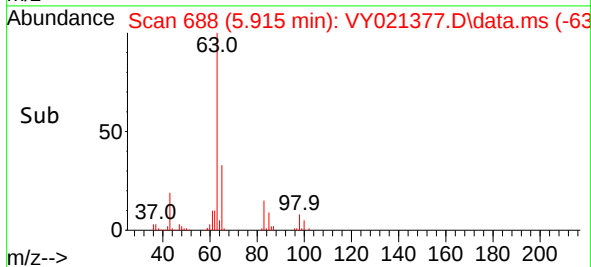
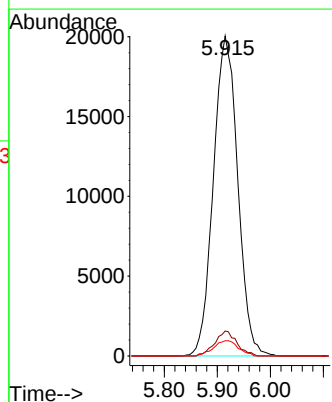
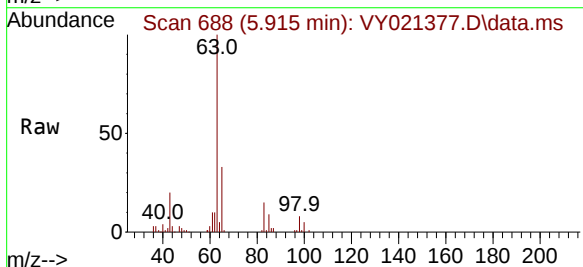
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

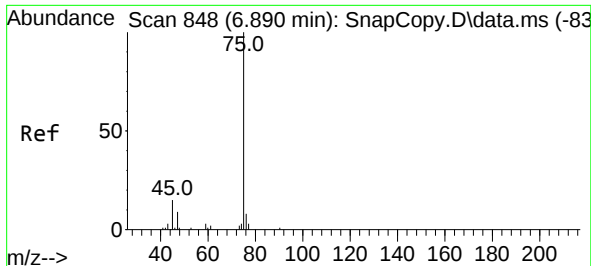
Tgt Ion: 43 Resp: 324772
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.160 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021377.D
 Acq: 28 Feb 2025 11:32

Tgt Ion: 63 Resp: 63844
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.7 11.1
 100 4.7 2.1 6.5

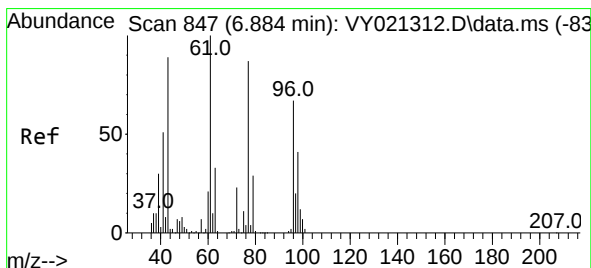
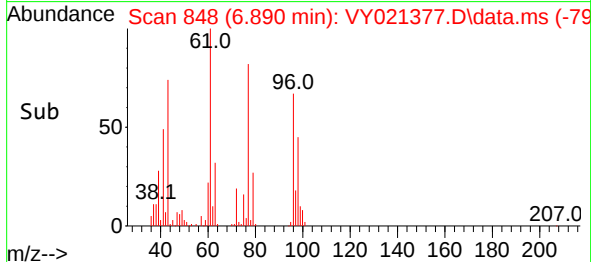
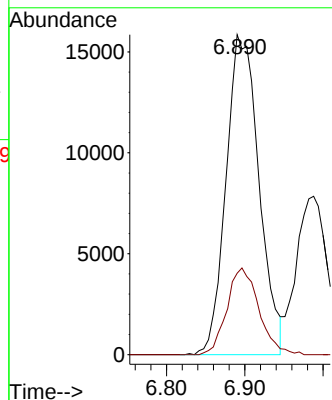
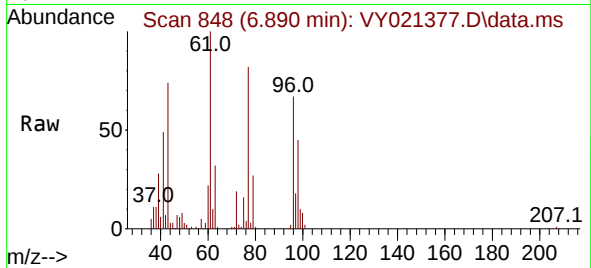




#25
2-Butanone
Concen: 83.468 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

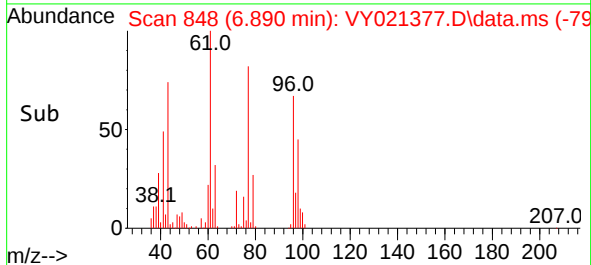
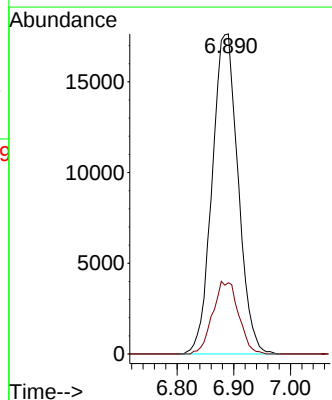
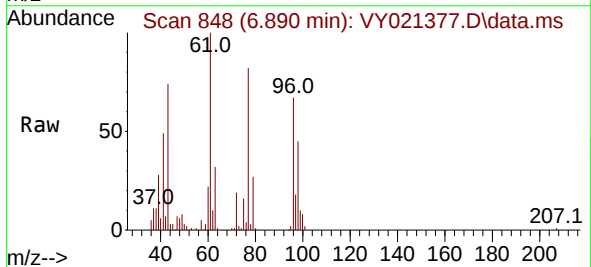
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

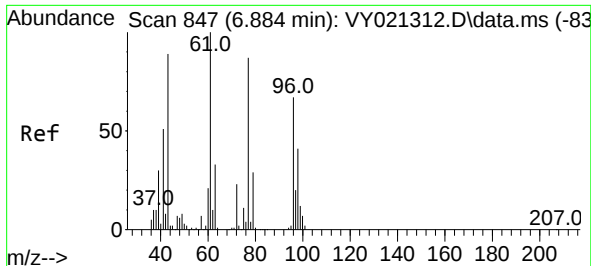
Tgt Ion: 43 Resp: 46319
Ion Ratio Lower Upper
43 100
72 25.5 19.0 28.6



#26
2,2-Dichloropropane
Concen: 17.561 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 77 Resp: 56022
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 18.668 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

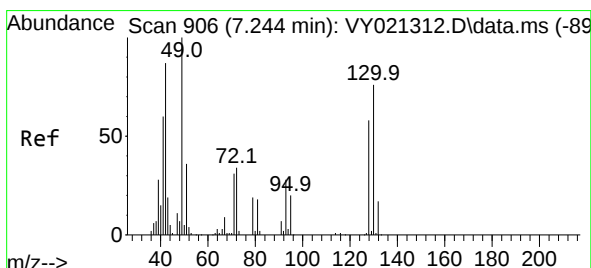
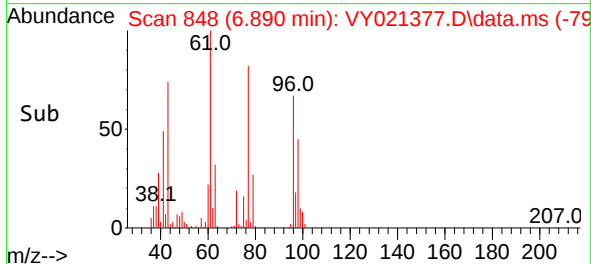
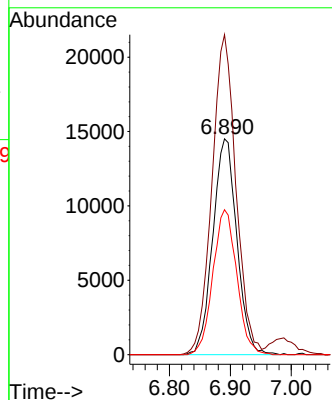
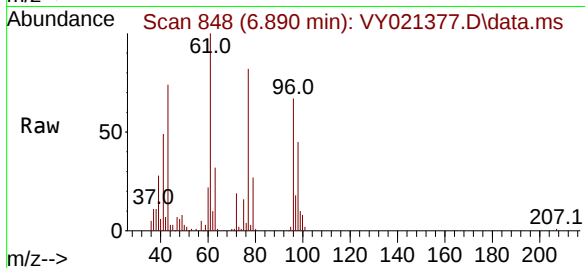
Tgt Ion: 96 Resp: 39898

Ion Ratio Lower Upper

96 100

61 147.6 0.0 308.0

98 66.7 0.0 129.6



#28

Bromochloromethane

Concen: 17.828 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

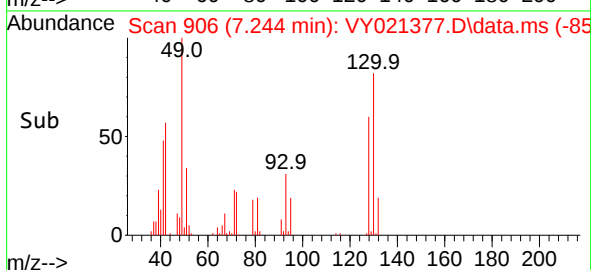
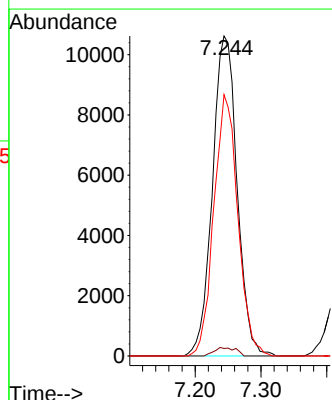
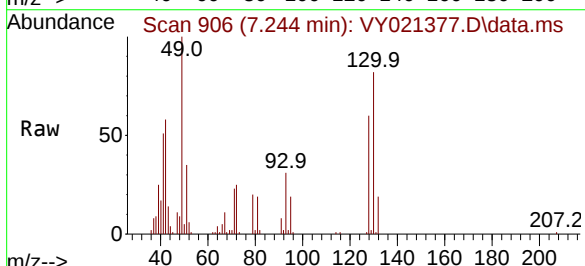
Tgt Ion: 49 Resp: 27733

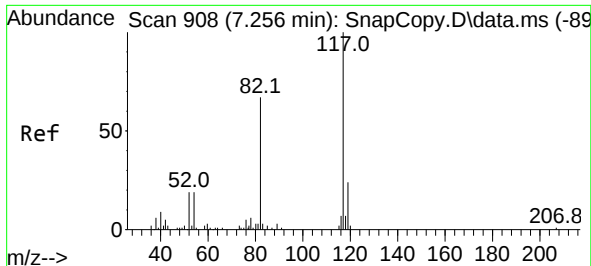
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 79.4 57.8 86.6





#29

Tetrahydrofuran

Concen: 86.734 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

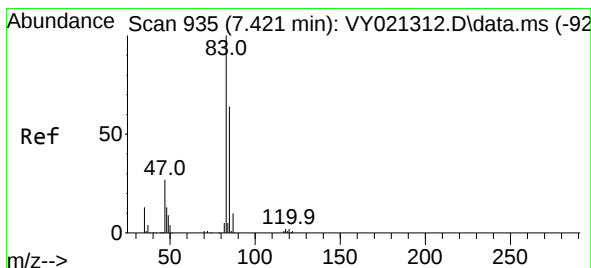
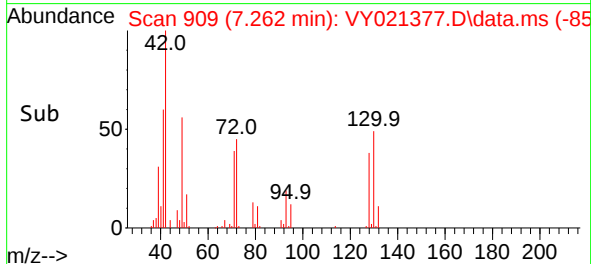
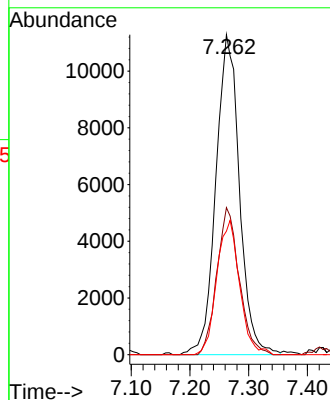
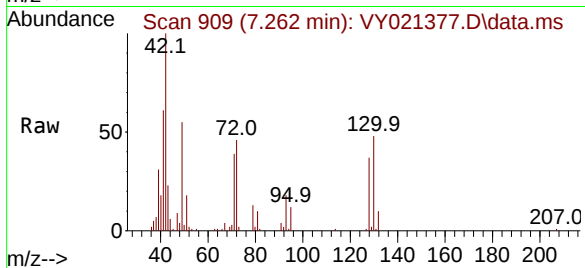
Tgt Ion: 42 Resp: 31461

Ion Ratio Lower Upper

42 100

72 43.6 33.1 49.7

71 40.6 31.4 47.0



#30

Chloroform

Concen: 18.886 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021377.D

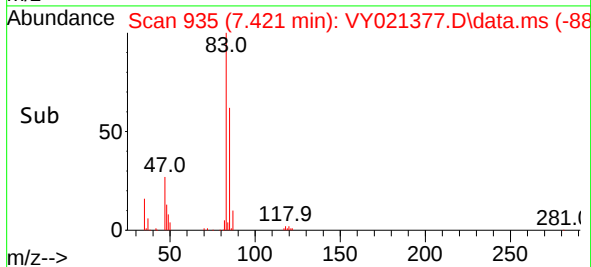
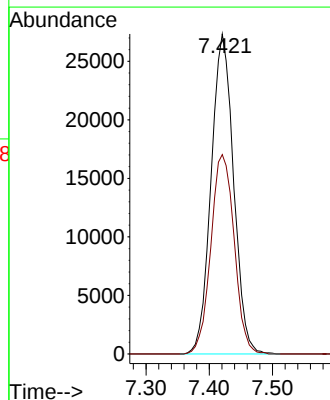
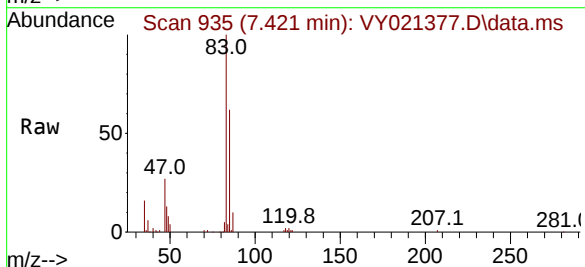
Acq: 28 Feb 2025 11:32

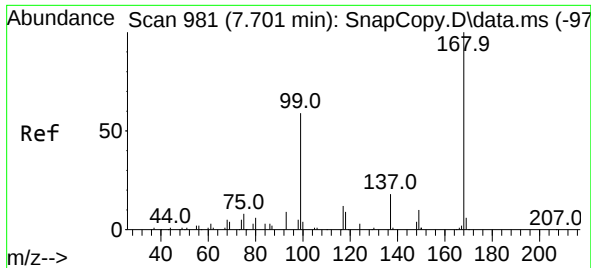
Tgt Ion: 83 Resp: 67278

Ion Ratio Lower Upper

83 100

85 62.3 51.6 77.4

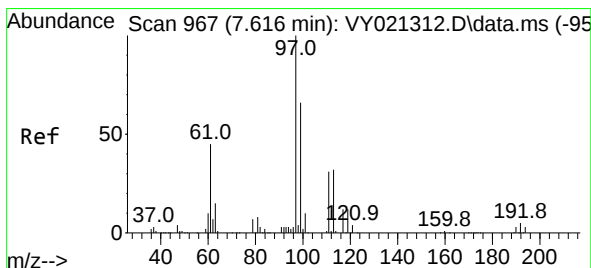
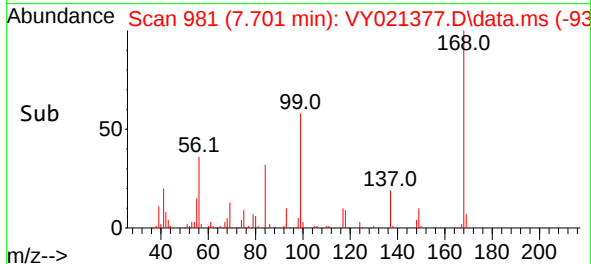
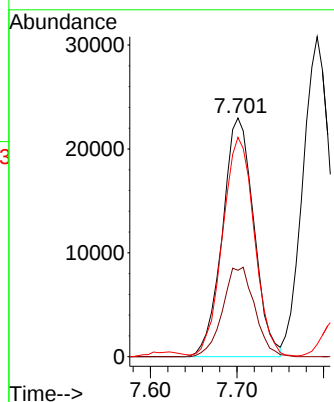
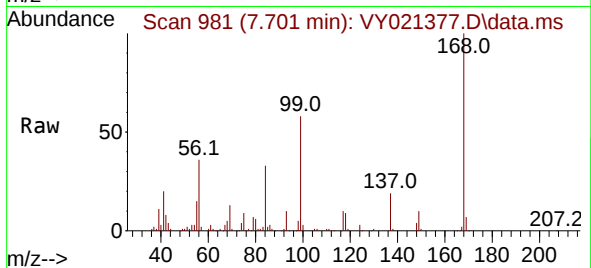




#31
Cyclohexane
Concen: 17.133 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

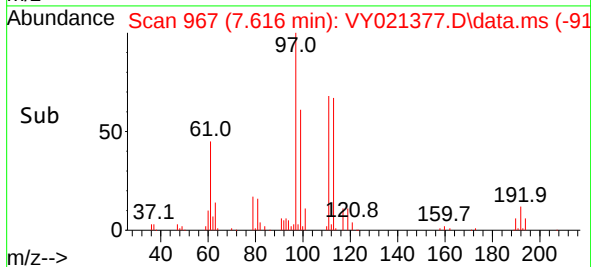
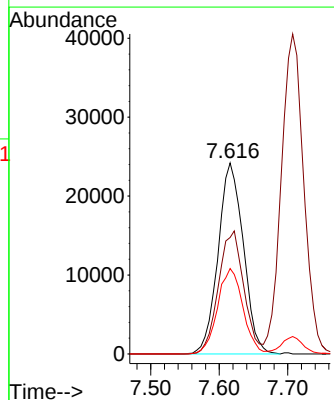
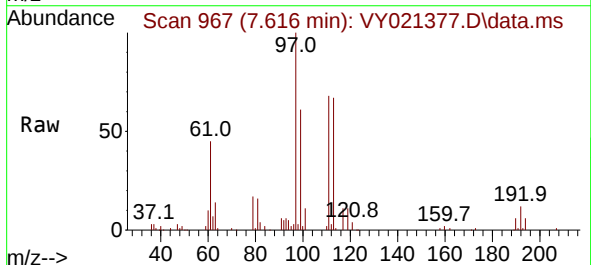
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

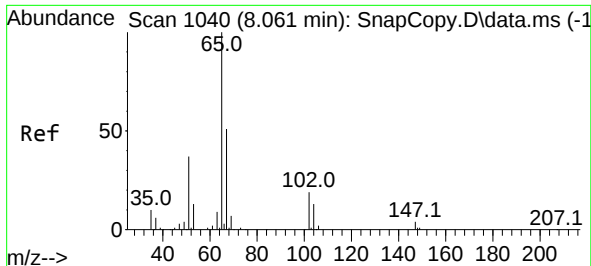
Tgt Ion: 56 Resp: 57900
Ion Ratio Lower Upper
56 100
69 36.2 26.2 39.4
84 90.6 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.070 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 97 Resp: 61837
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 45.0 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 43.167 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

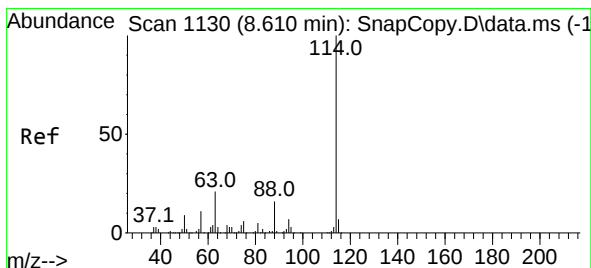
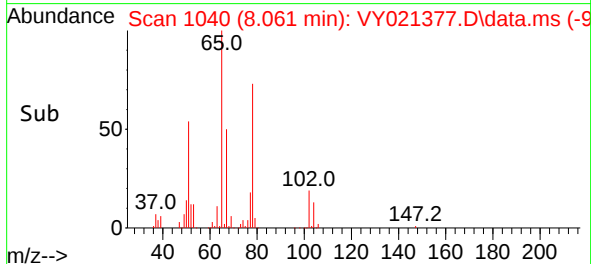
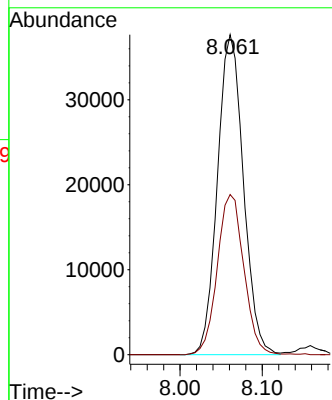
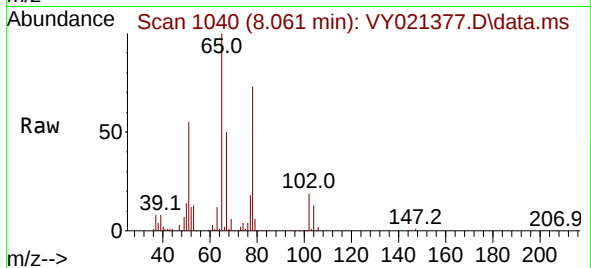
VY0228SBS01

Tgt Ion: 65 Resp: 82743

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

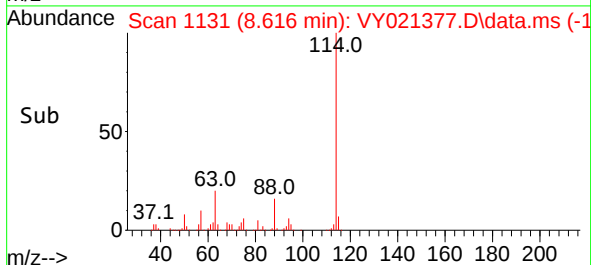
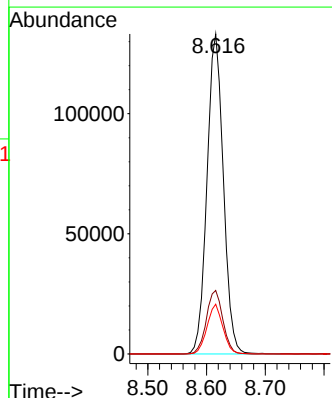
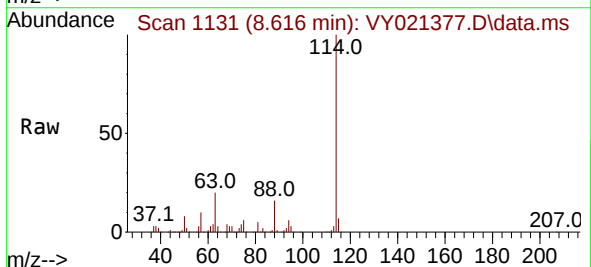
Tgt Ion:114 Resp: 257471

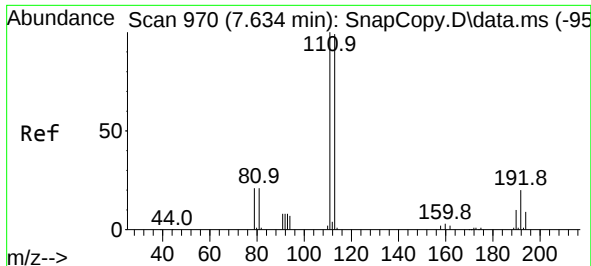
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 15.6 0.0 29.8

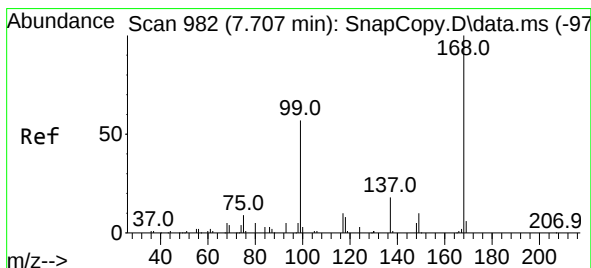
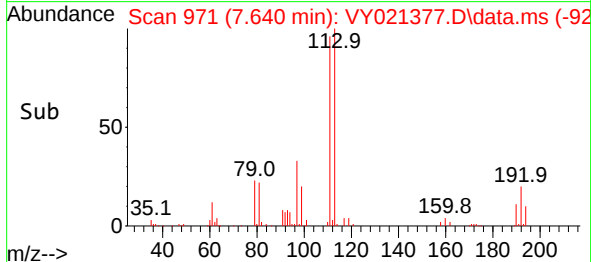
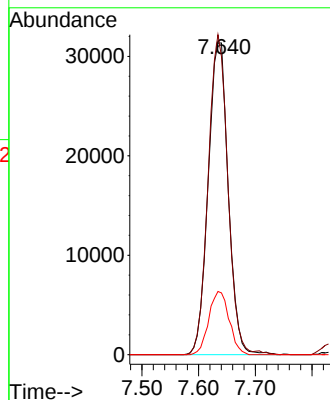
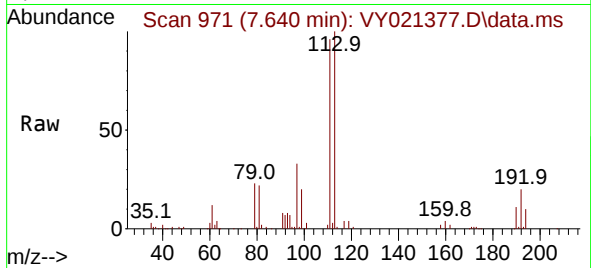




#35
Dibromofluoromethane
Concen: 45.742 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

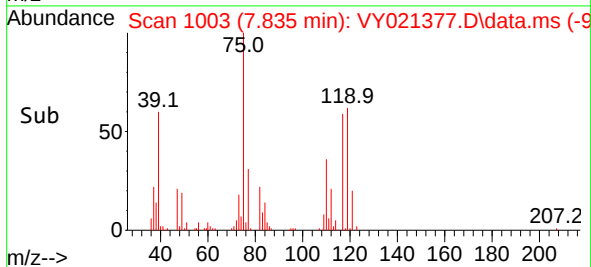
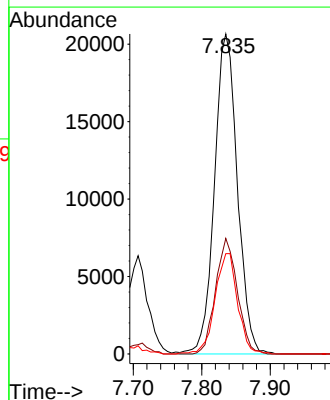
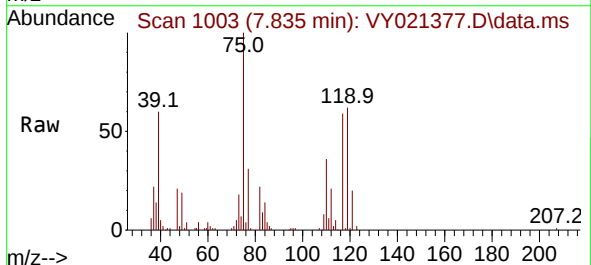
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

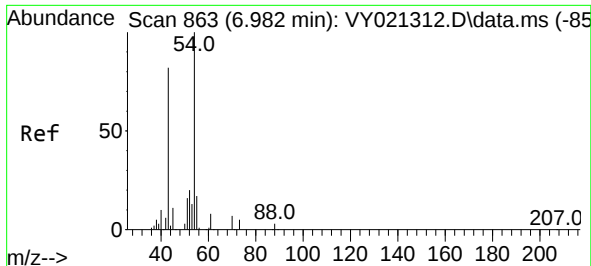
Tgt Ion:113 Resp: 77212
Ion Ratio Lower Upper
113 100
111 100.9 81.0 121.6
192 20.5 15.8 23.8



#36
1,1-Dichloropropene
Concen: 18.883 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 75 Resp: 47878
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 18.195 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

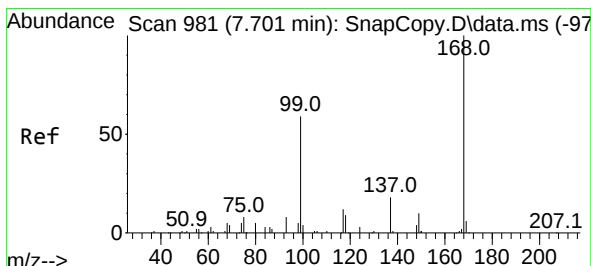
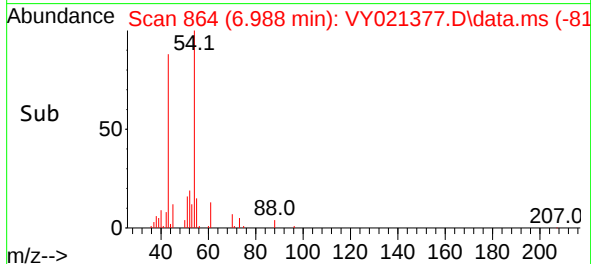
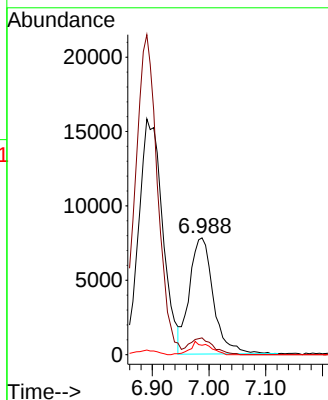
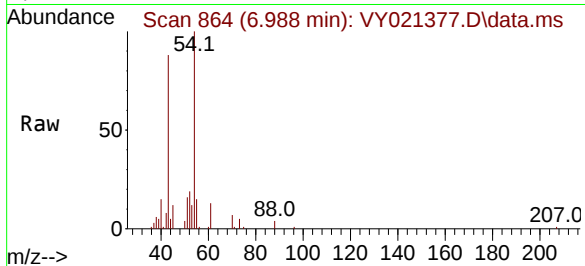
Tgt Ion: 43 Resp: 22949

Ion Ratio Lower Upper

43 100

61 14.3 10.4 15.6

70 9.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 19.541 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

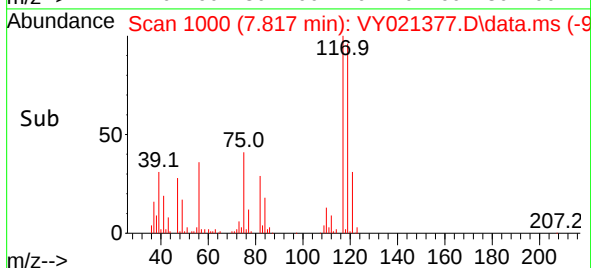
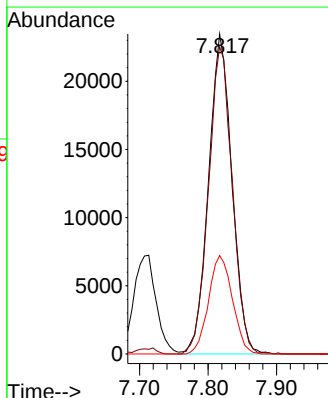
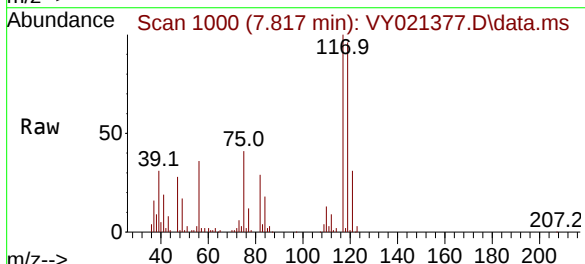
Tgt Ion: 117 Resp: 55703

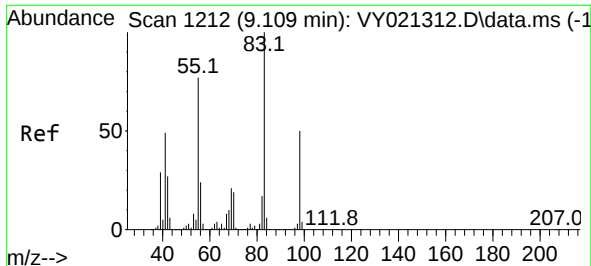
Ion Ratio Lower Upper

117 100

119 96.0 76.0 114.0

121 30.8 24.9 37.3

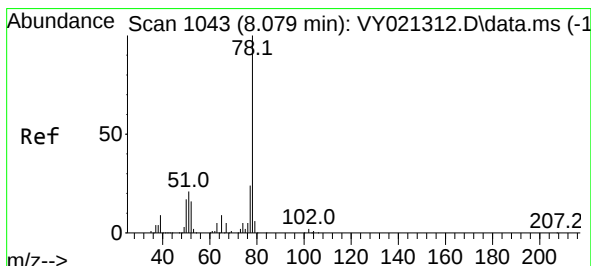
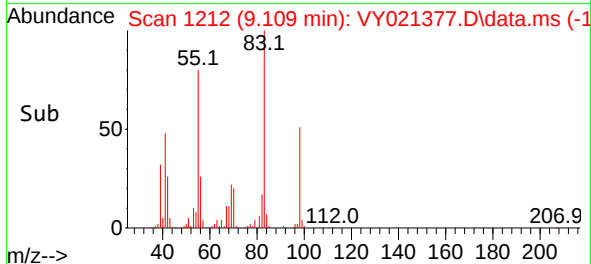
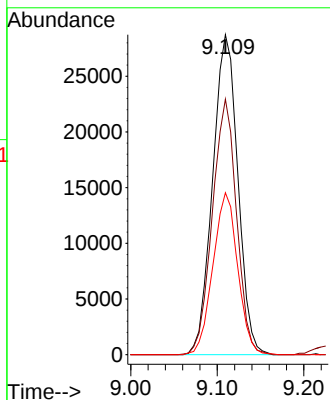
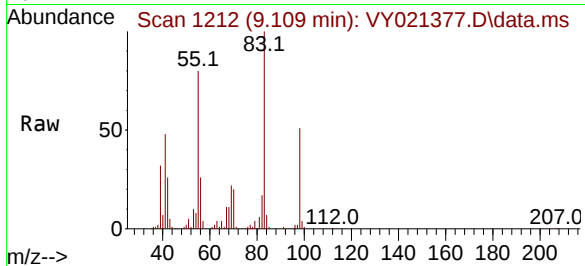




#39
Methylcyclohexane
Concen: 18.134 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

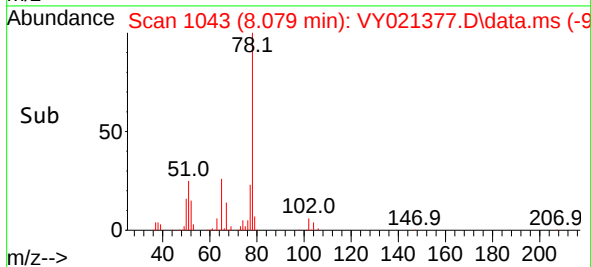
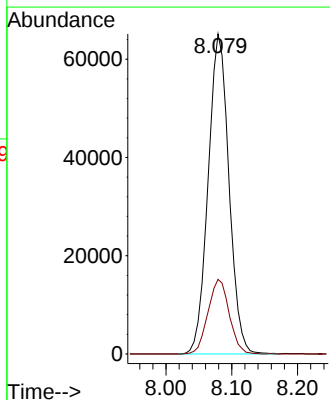
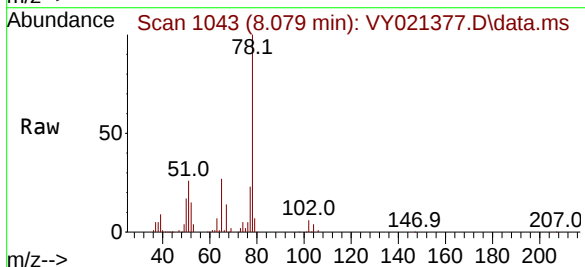
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

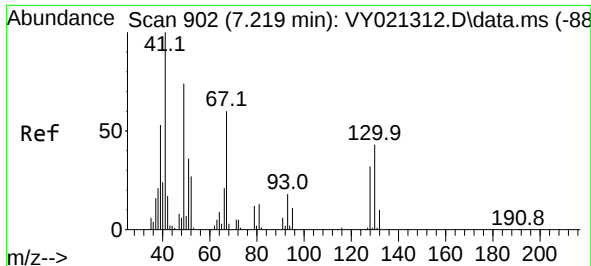
Tgt Ion: 83 Resp: 58155
Ion Ratio Lower Upper
83 100
55 79.8 61.3 91.9
98 50.6 39.9 59.9



#40
Benzene
Concen: 19.148 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 78 Resp: 143523
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

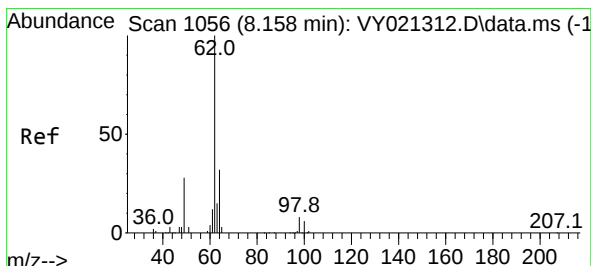
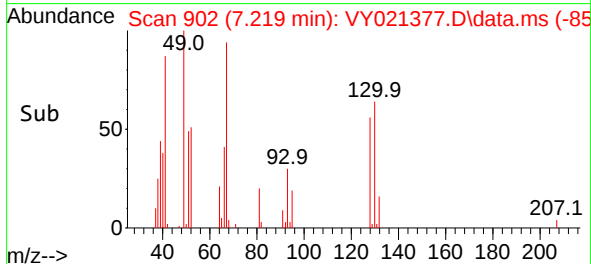
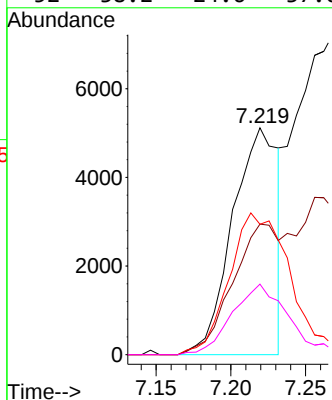
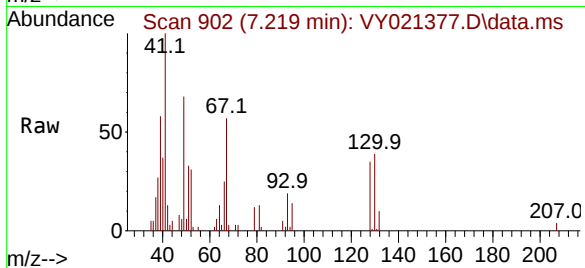




#41
Methacrylonitrile
Concen: 15.409 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

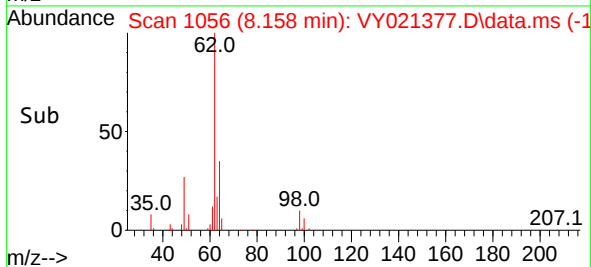
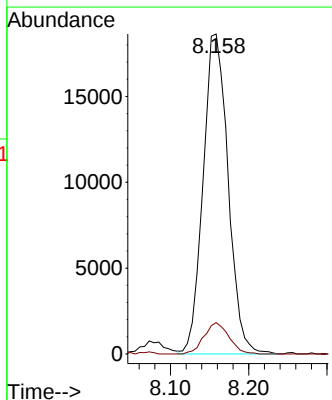
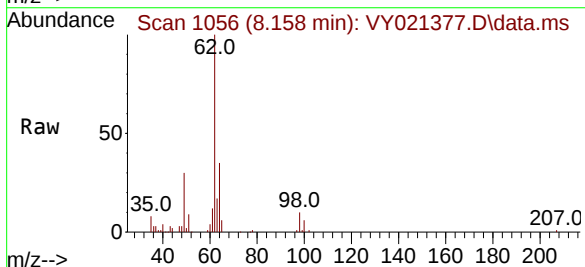
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

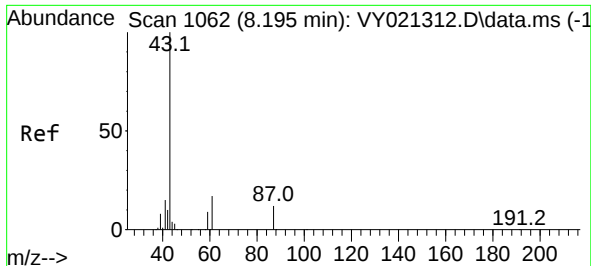
Tgt Ion:	41	Resp:	10866
Ion Ratio	Lower	Upper	
41	100		
39	58.0	42.3	63.5
67	84.2	54.8	82.2#
52	38.2	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 19.481 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion:	62	Resp:	41428
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	17.6

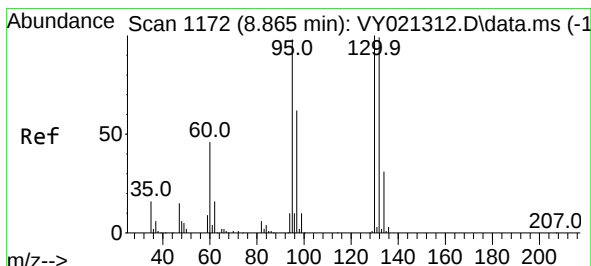
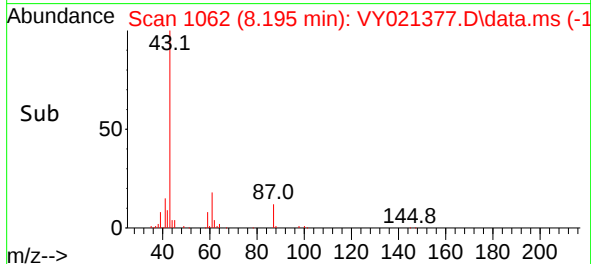
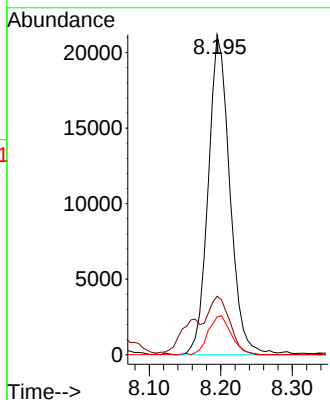
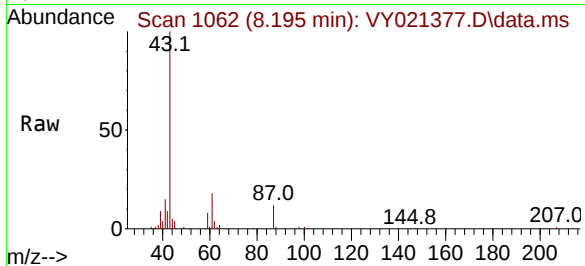




#43
Isopropyl Acetate
Concen: 18.220 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

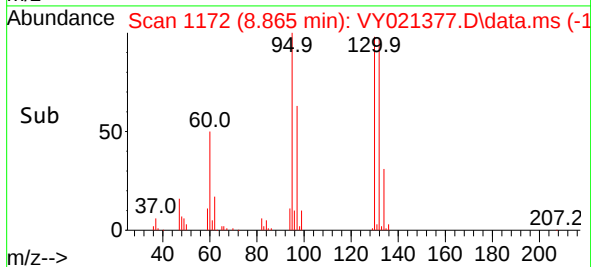
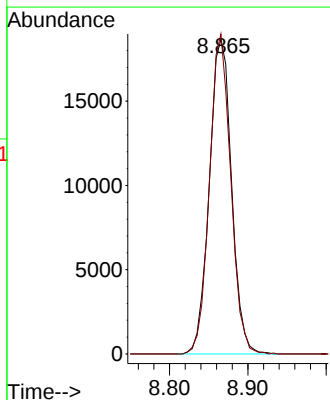
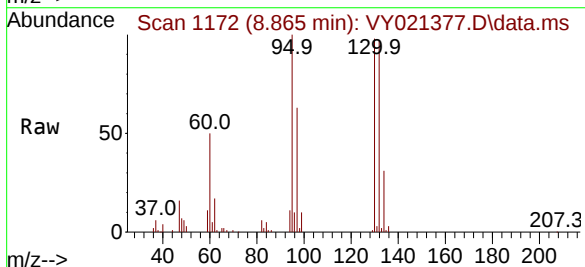
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

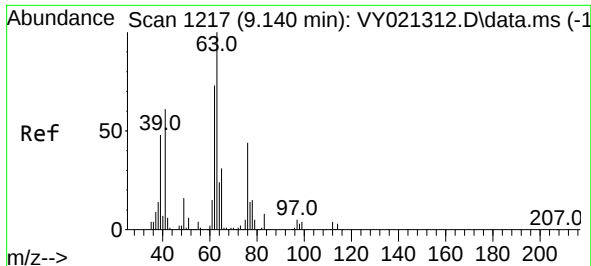
Tgt Ion: 43 Resp: 44479
Ion Ratio Lower Upper
43 100
61 19.2 15.0 22.6
87 13.0 10.0 15.0



#44
Trichloroethene
Concen: 19.619 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion:130 Resp: 36816
Ion Ratio Lower Upper
130 100
95 101.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.049 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

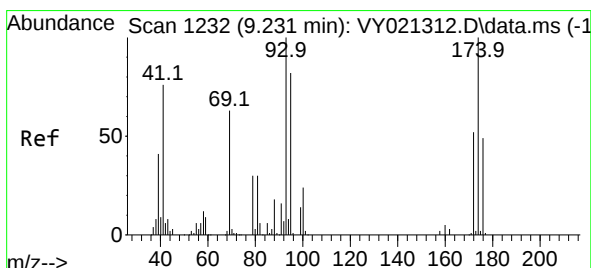
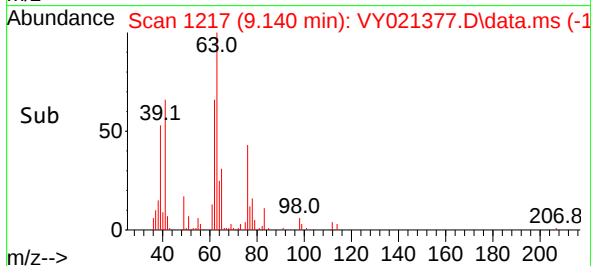
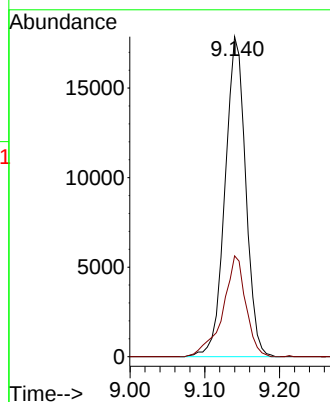
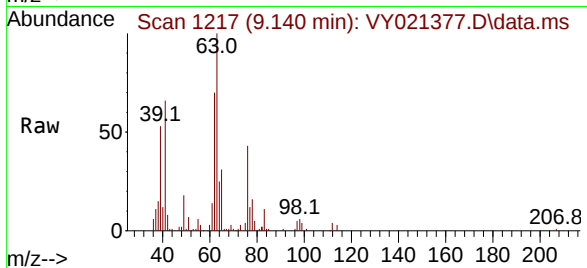
VY0228SBS01

Tgt Ion: 63 Resp: 34360

Ion Ratio Lower Upper

63 100

65 31.5 24.6 36.8



#46

Dibromomethane

Concen: 19.733 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

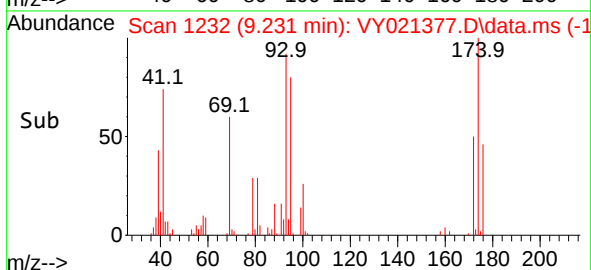
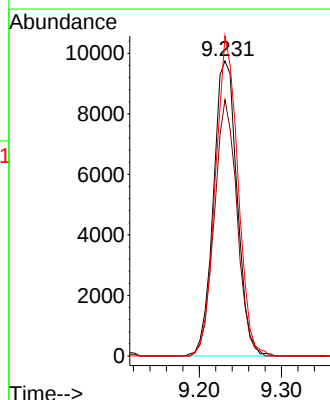
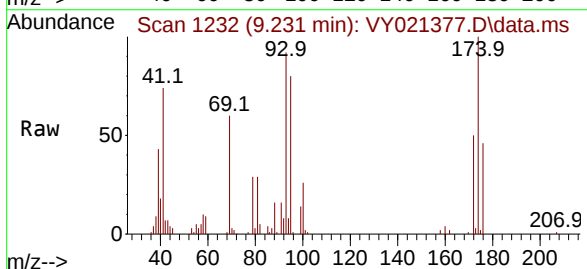
Tgt Ion: 93 Resp: 19456

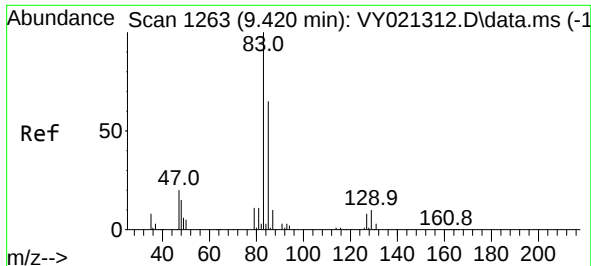
Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

174 103.3 78.2 117.2





#47

Bromodichloromethane

Concen: 19.717 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

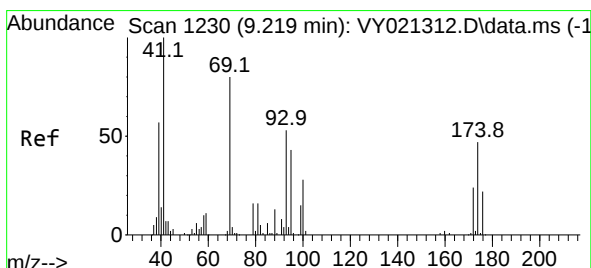
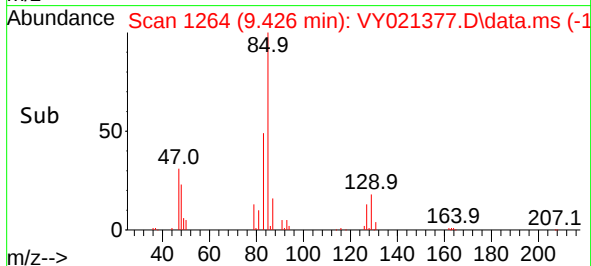
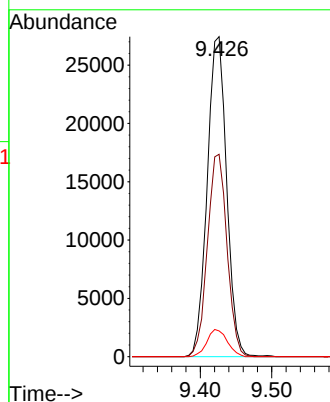
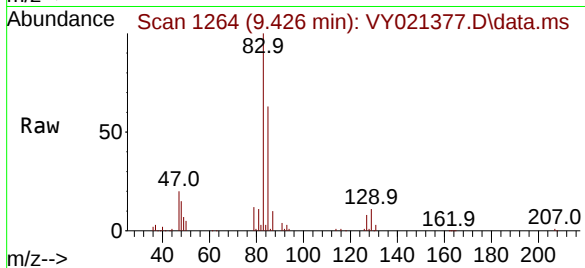
Tgt Ion: 83 Resp: 51835

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8

127 8.1 6.7 10.1



#48

Methyl methacrylate

Concen: 17.477 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

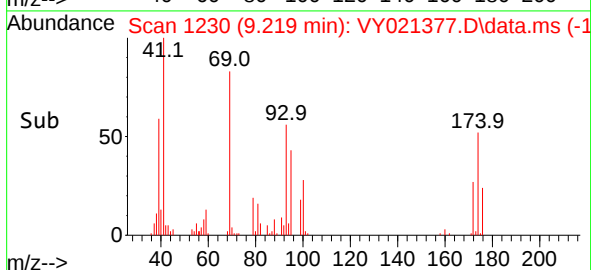
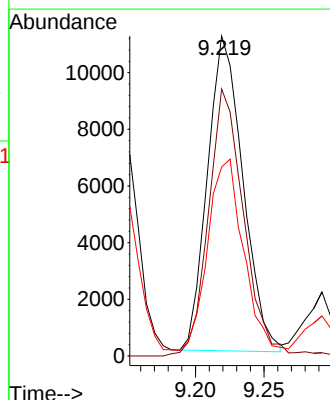
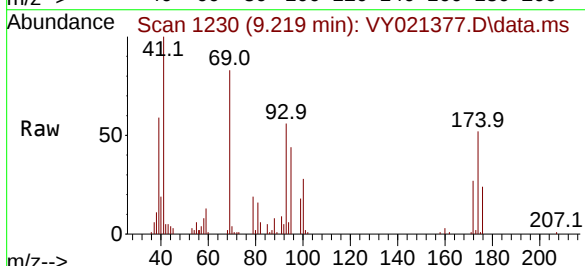
Tgt Ion: 41 Resp: 19952

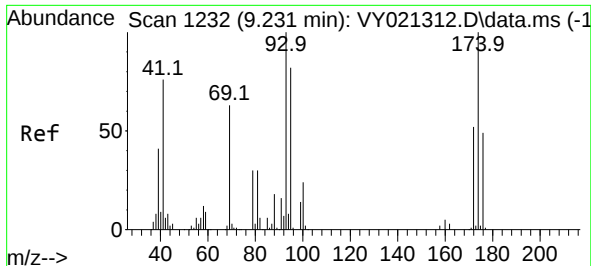
Ion Ratio Lower Upper

41 100

69 83.9 63.3 94.9

39 61.5 45.0 67.6





#49

1,4-Dioxane

Concen: 375.255 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

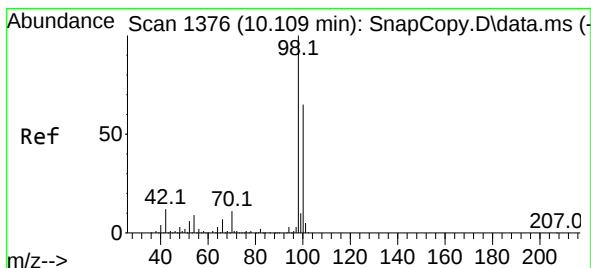
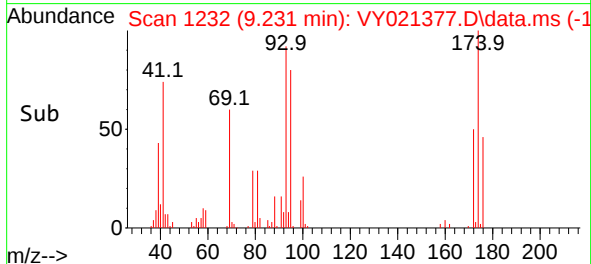
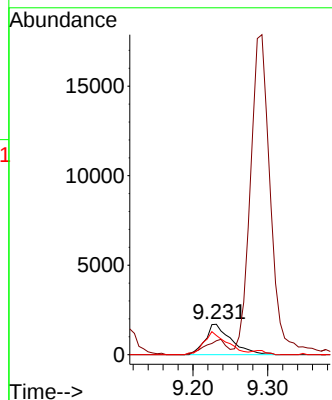
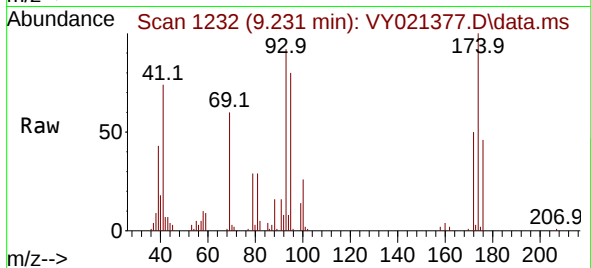
Tgt Ion: 88 Resp: 4114

Ion Ratio Lower Upper

88 100

43 39.5 34.8 52.2

58 67.5 59.8 89.6



#50

Toluene-d8

Concen: 44.349 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021377.D

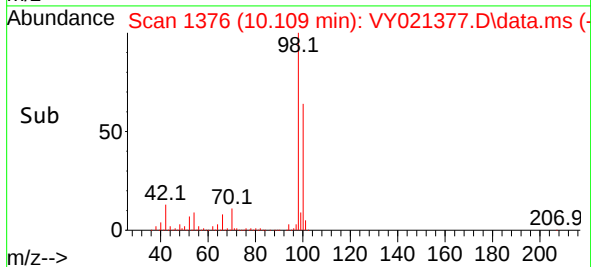
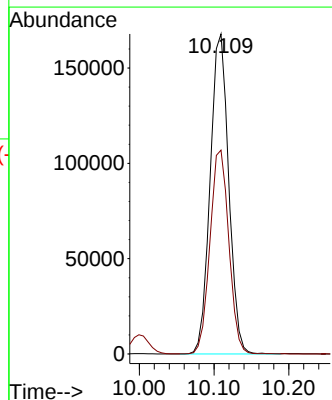
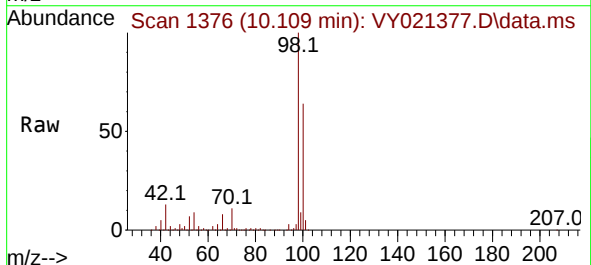
Acq: 28 Feb 2025 11:32

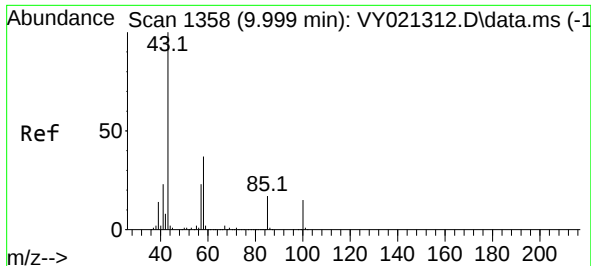
Tgt Ion: 98 Resp: 289320

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 92.255 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

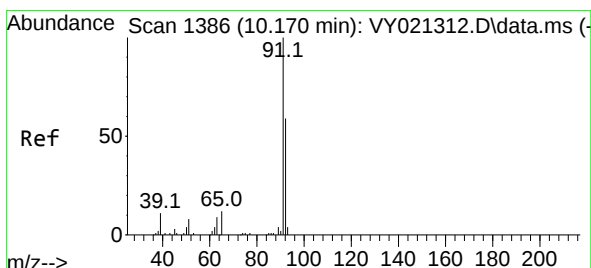
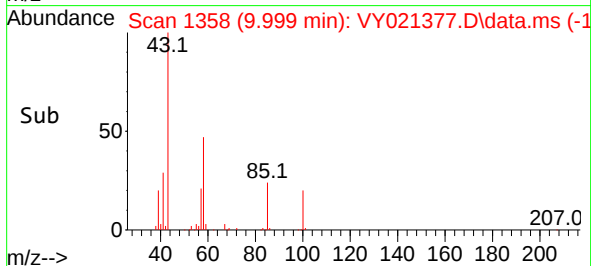
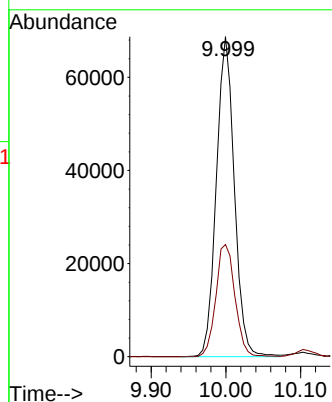
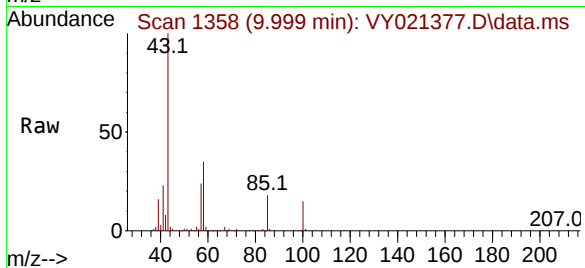
VY0228SBS01

Tgt Ion: 43 Resp: 115289

Ion Ratio Lower Upper

43 100

58 37.4 30.1 45.1



#52

Toluene

Concen: 19.276 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021377.D

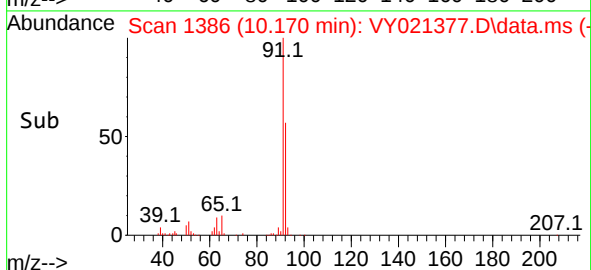
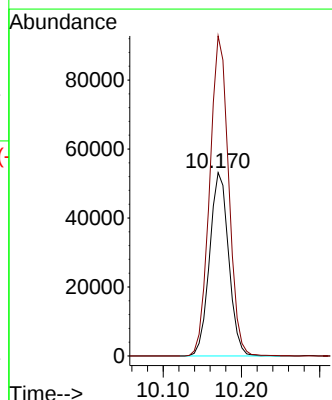
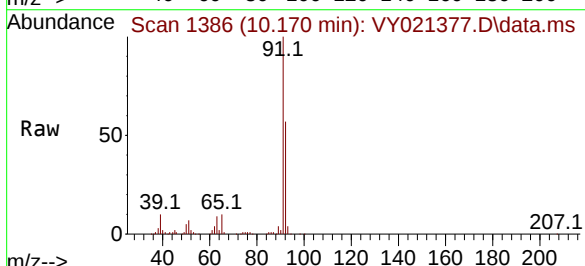
Acq: 28 Feb 2025 11:32

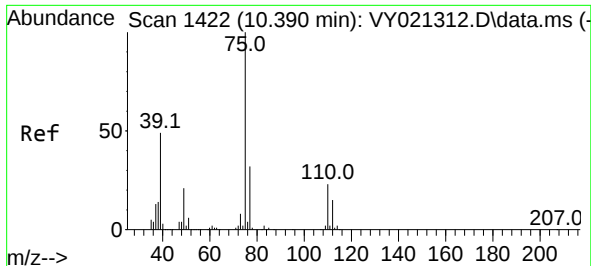
Tgt Ion: 92 Resp: 89754

Ion Ratio Lower Upper

92 100

91 173.8 137.8 206.8

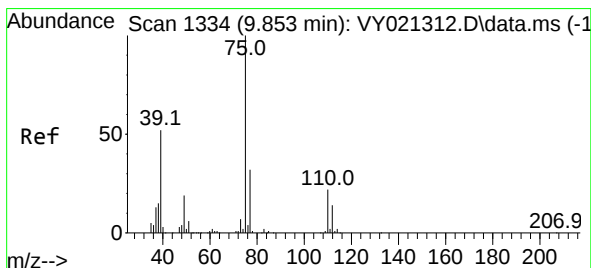
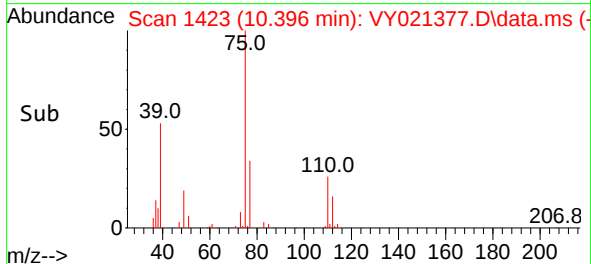
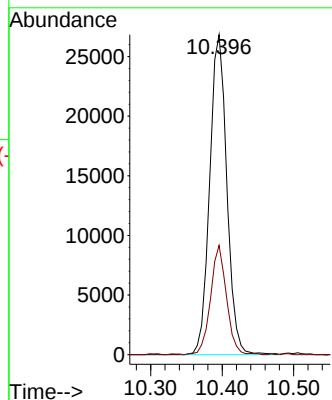
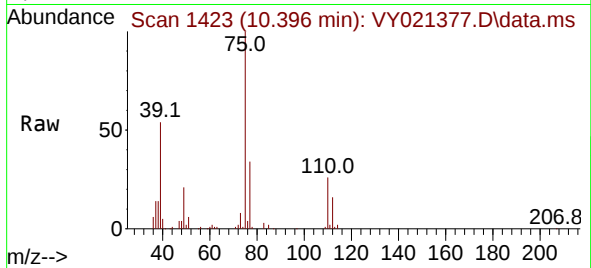




#53
 t-1,3-Dichloropropene
 Concen: 18.555 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021377.D
 Acq: 28 Feb 2025 11:32

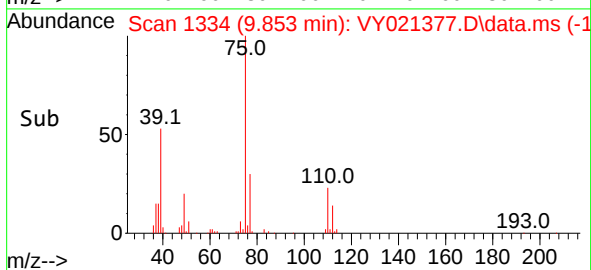
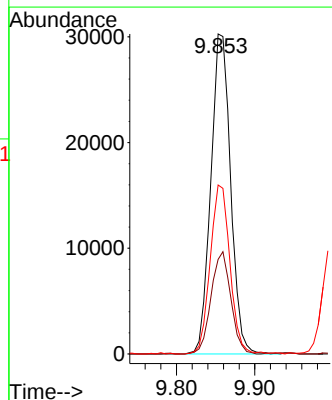
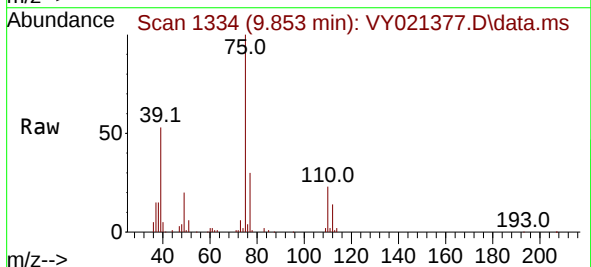
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

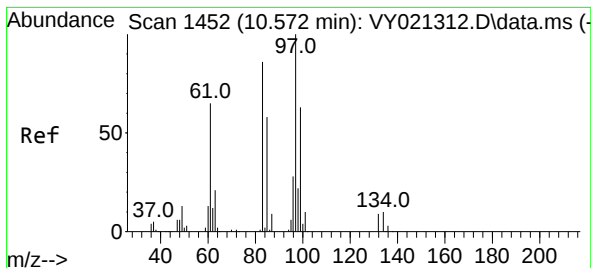
Tgt Ion: 75 Resp: 44692
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.657 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021377.D
 Acq: 28 Feb 2025 11:32

Tgt Ion: 75 Resp: 53051
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.7 38.5
 39 52.8 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 19.651 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

Tgt Ion: 97 Resp: 25241

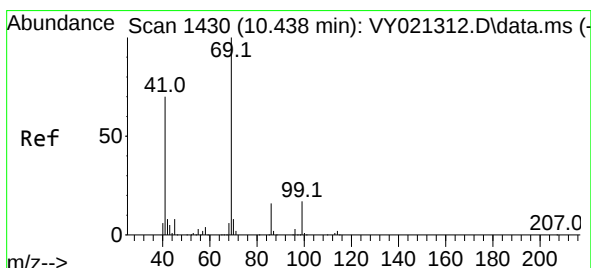
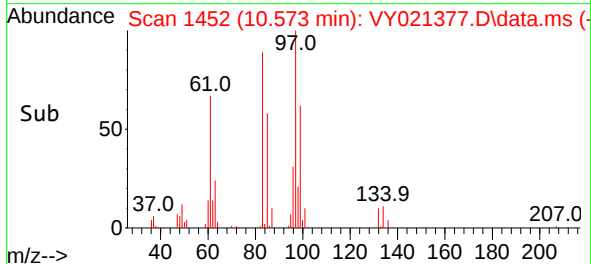
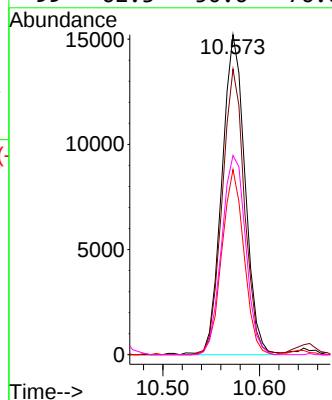
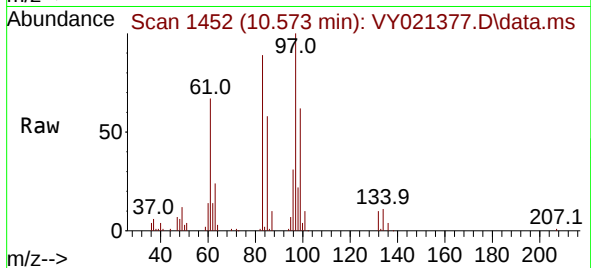
Ion Ratio Lower Upper

97 100

83 89.2 68.7 103.1

85 57.8 46.3 69.5

99 62.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 18.661 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

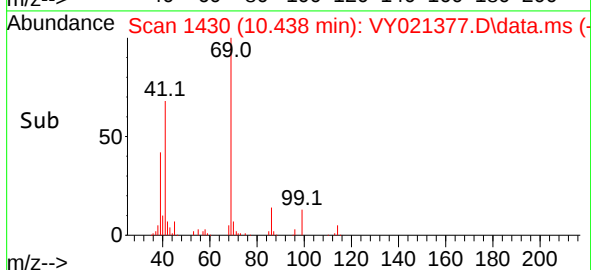
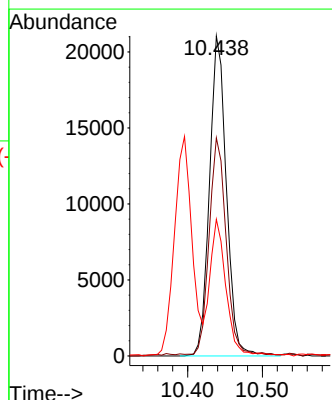
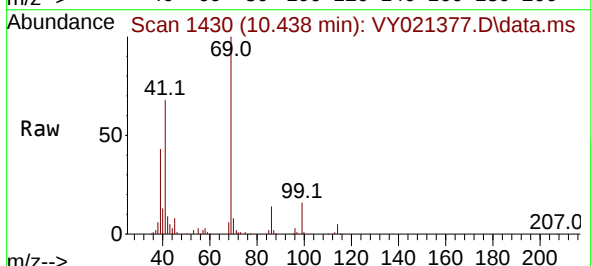
Tgt Ion: 69 Resp: 33119

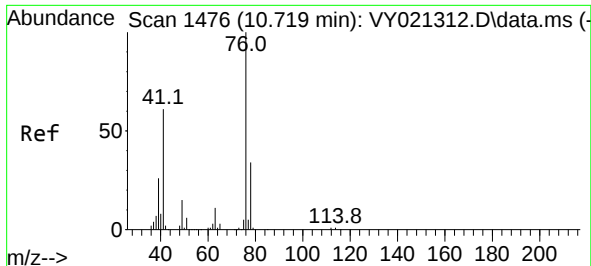
Ion Ratio Lower Upper

69 100

41 68.0 56.2 84.4

39 40.9 32.7 49.1





#57

1,3-Dichloropropane

Concen: 19.632 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

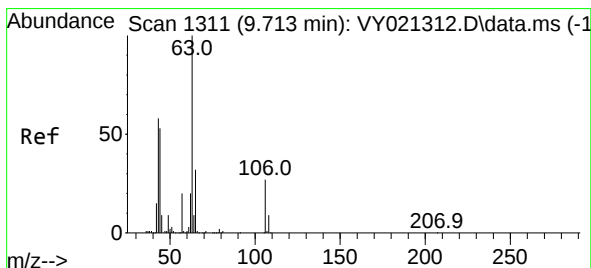
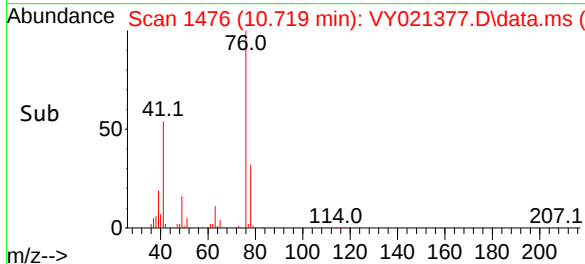
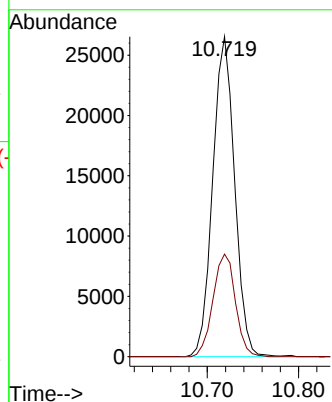
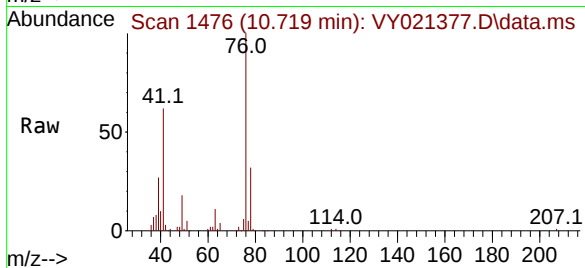
VY0228SBS01

Tgt Ion: 76 Resp: 44249

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 88.741 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021377.D

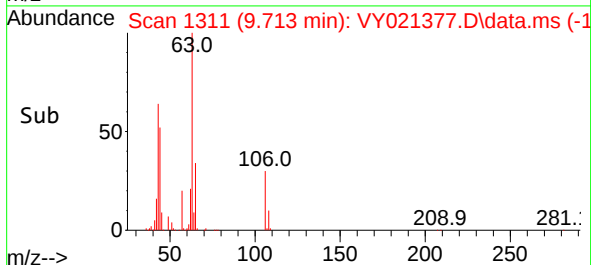
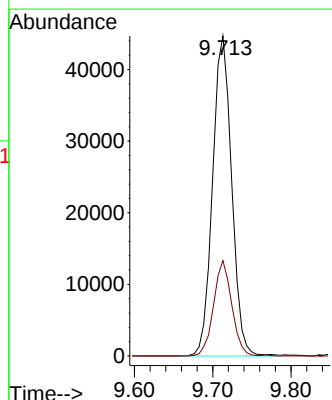
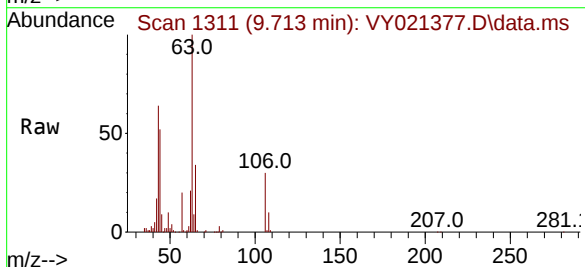
Acq: 28 Feb 2025 11:32

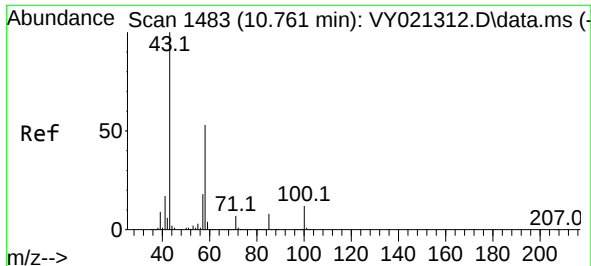
Tgt Ion: 63 Resp: 75597

Ion Ratio Lower Upper

63 100

106 28.4 21.7 32.5

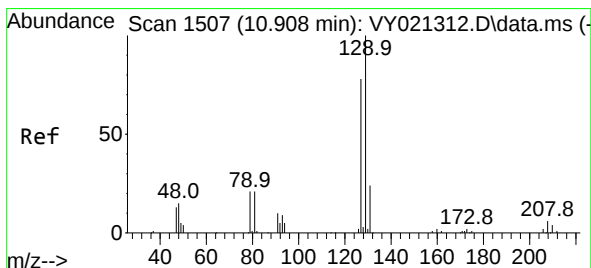
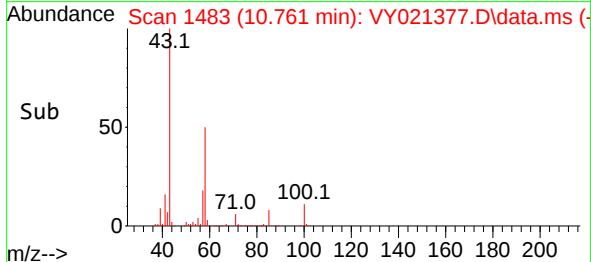
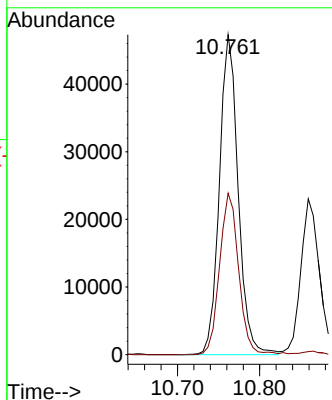
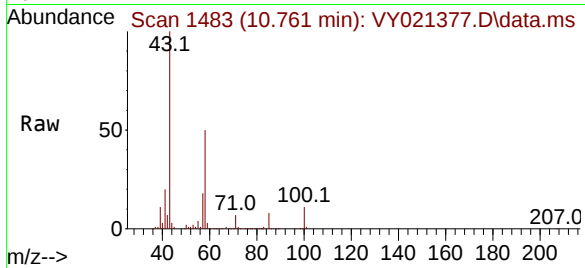




#59
2-Hexanone
Concen: 91.322 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

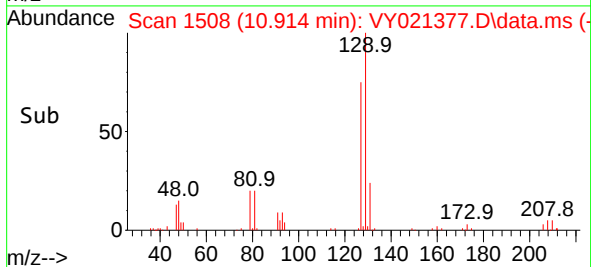
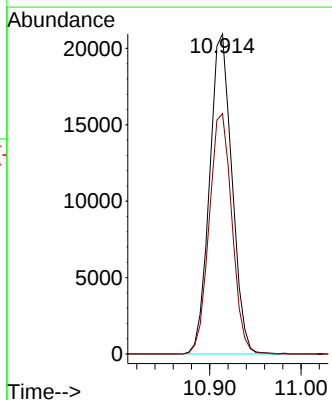
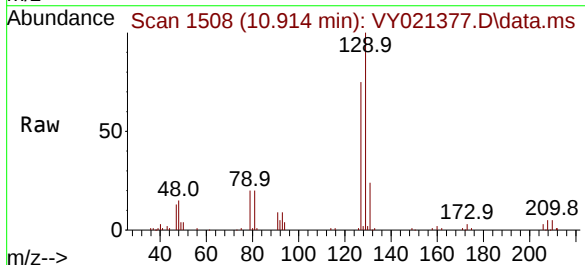
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

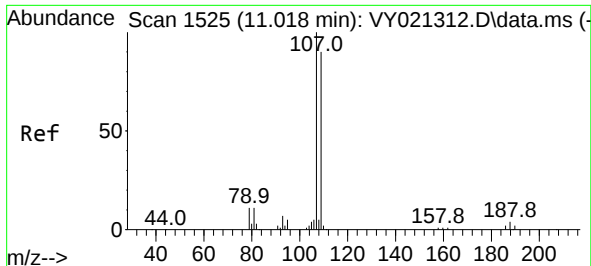
Tgt Ion: 43 Resp: 74950
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.6



#60
Dibromochloromethane
Concen: 20.364 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 129 Resp: 35624
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4

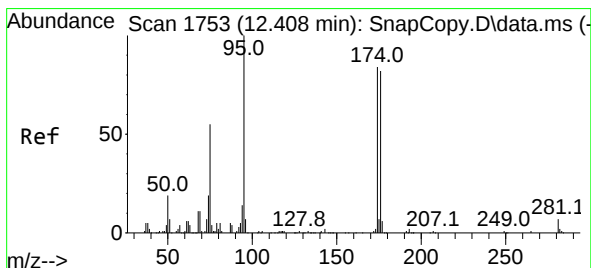
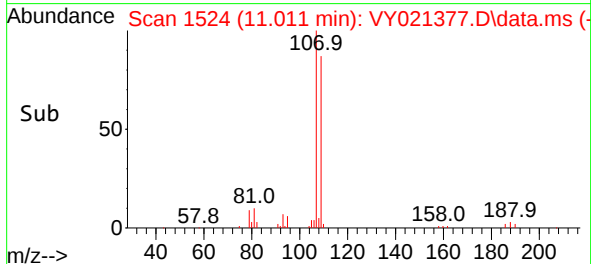
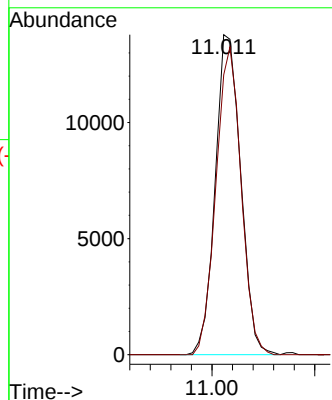
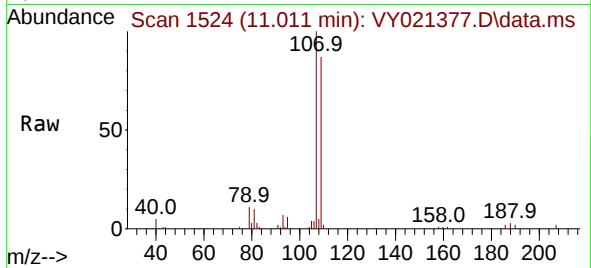




#61
1,2-Dibromoethane
Concen: 19.519 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

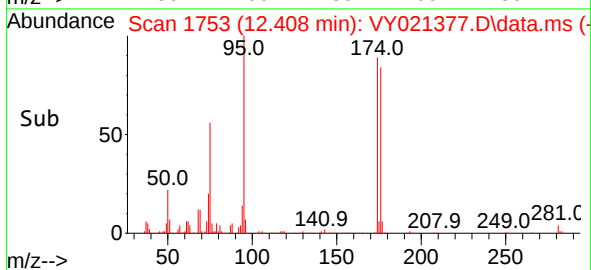
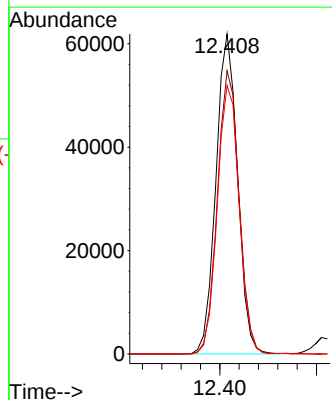
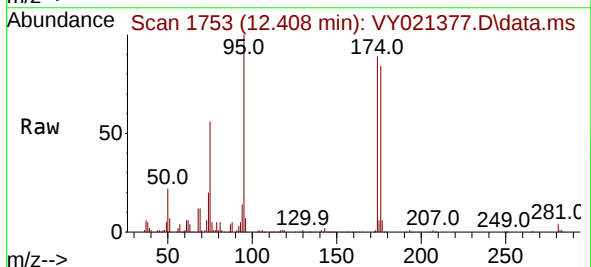
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

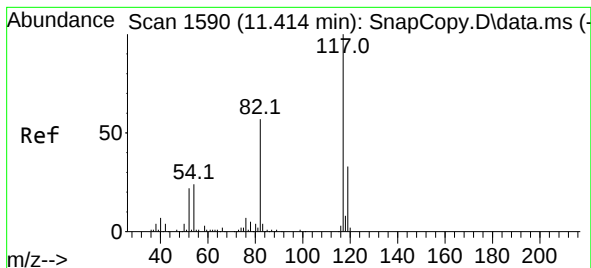
Tgt Ion:107 Resp: 23736
Ion Ratio Lower Upper
107 100
109 94.8 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 95 Resp: 95946
Ion Ratio Lower Upper
95 100
174 88.7 0.0 168.0
176 85.0 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

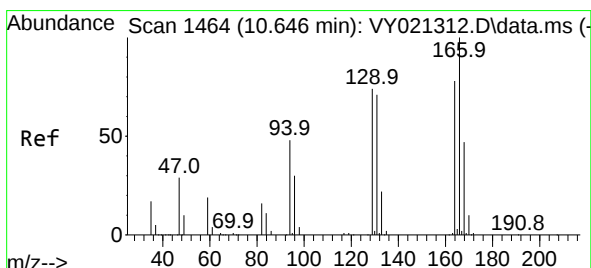
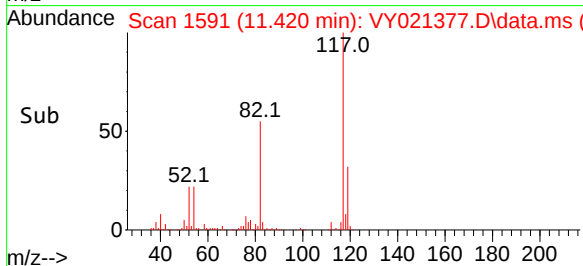
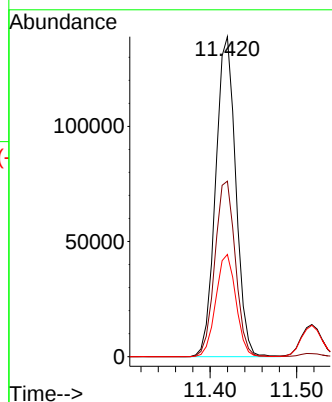
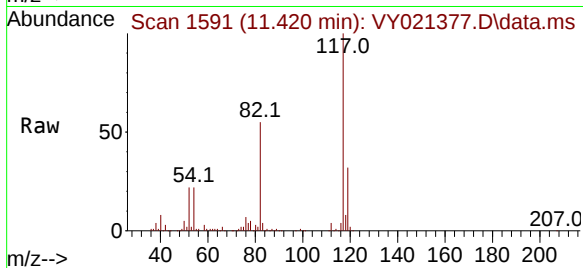
Tgt Ion:117 Resp: 224033

Ion Ratio Lower Upper

117 100

82 54.8 46.2 69.4

119 32.0 24.9 37.3



#64

Tetrachloroethene

Concen: 20.389 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Tgt Ion:164 Resp: 34526

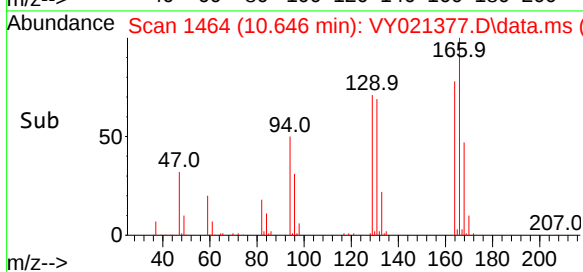
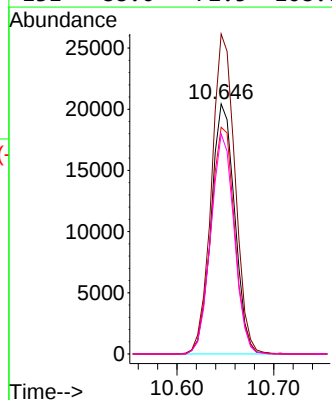
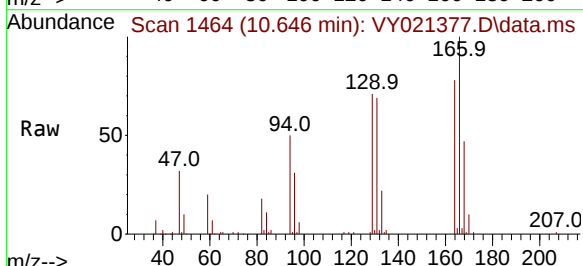
Ion Ratio Lower Upper

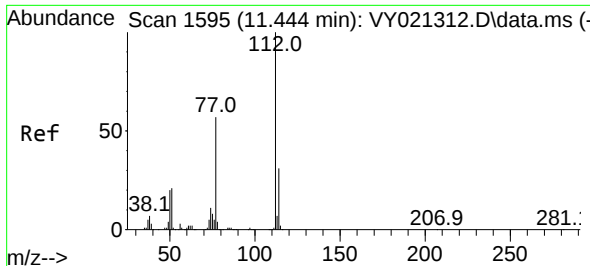
164 100

166 127.9 101.9 152.9

129 90.6 75.5 113.3

131 88.0 72.5 108.7

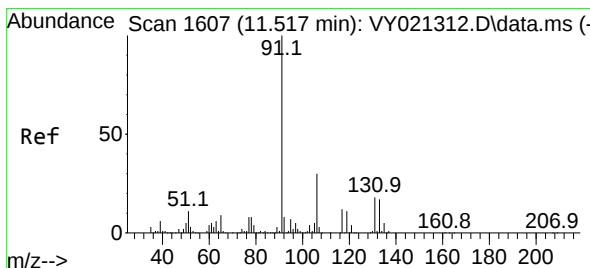
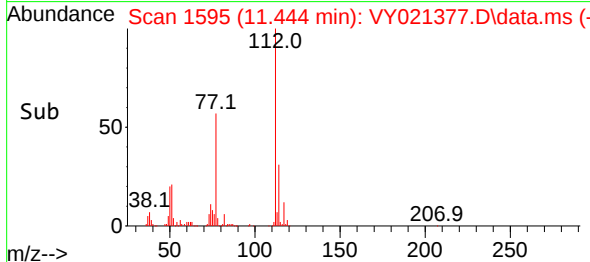
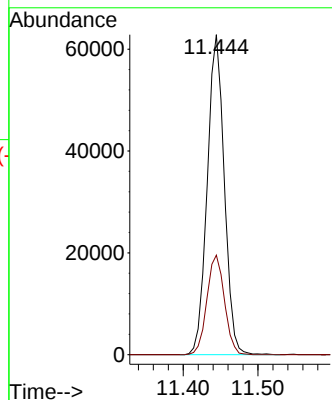
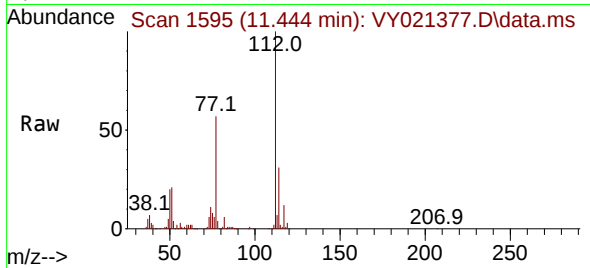




#65
Chlorobenzene
Concen: 19.747 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

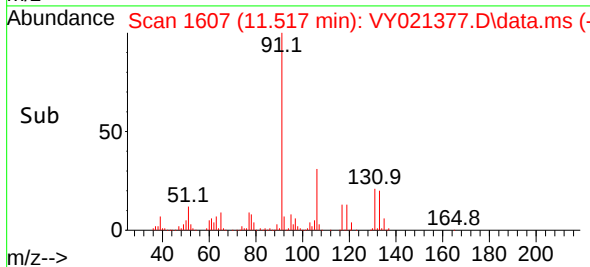
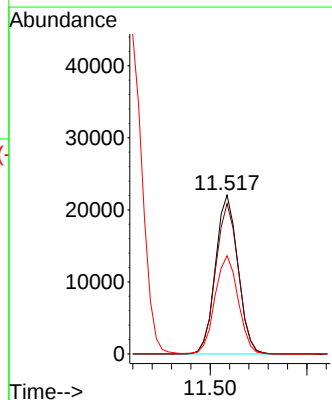
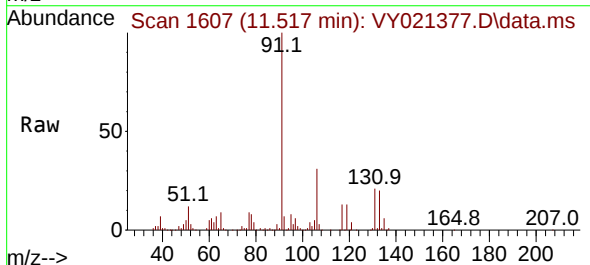
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

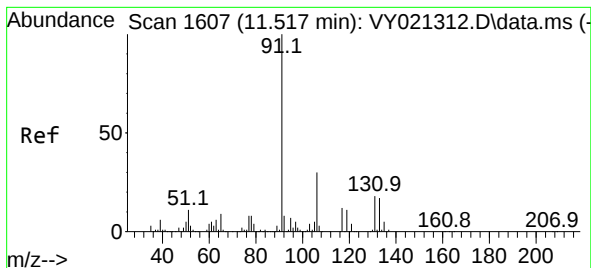
Tgt Ion:112 Resp: 99308
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion:131 Resp: 35523
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 63.8 31.7 95.1





#67

Ethyl Benzene

Concen: 19.119 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

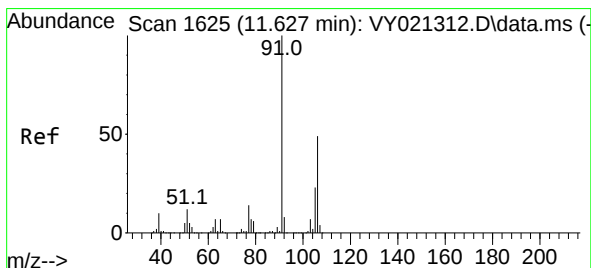
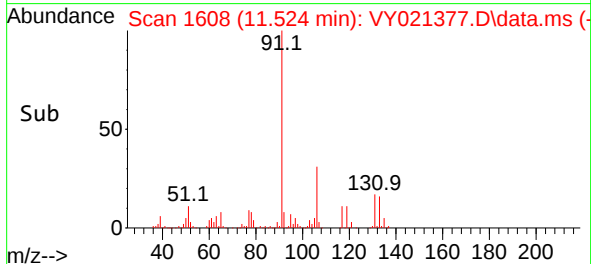
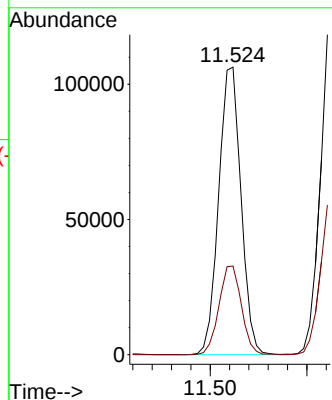
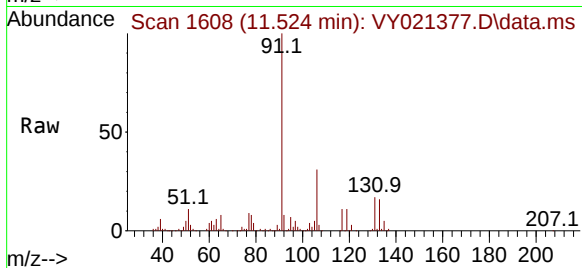
VY0228SBS01

Tgt Ion: 91 Resp: 170306

Ion Ratio Lower Upper

91 100

106 30.8 24.4 36.6



#68

m/p-Xylenes

Concen: 39.173 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021377.D

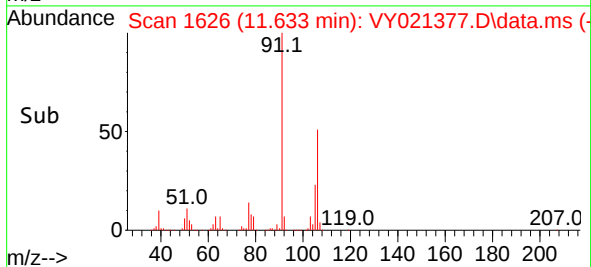
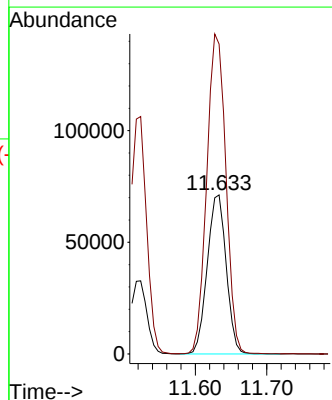
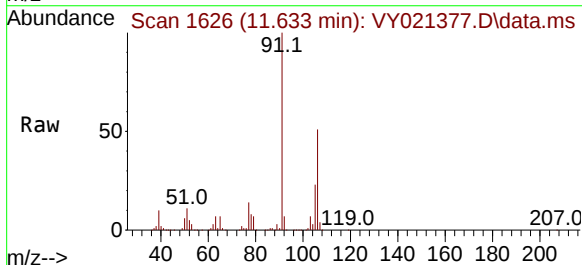
Acq: 28 Feb 2025 11:32

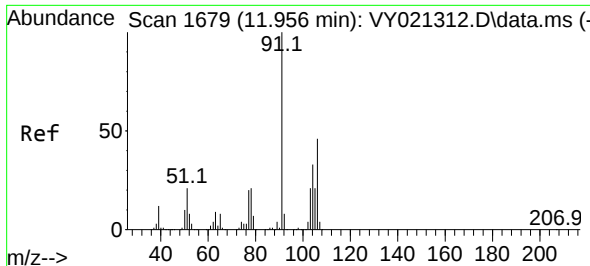
Tgt Ion:106 Resp: 131250

Ion Ratio Lower Upper

106 100

91 202.6 163.9 245.9

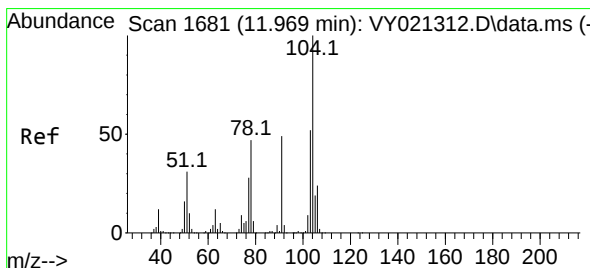
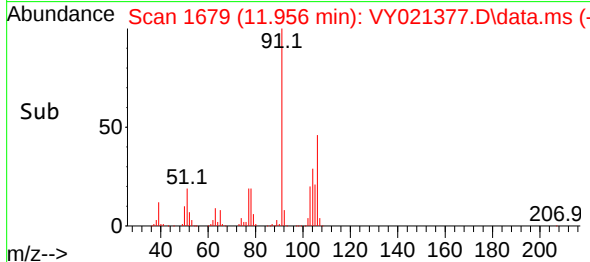
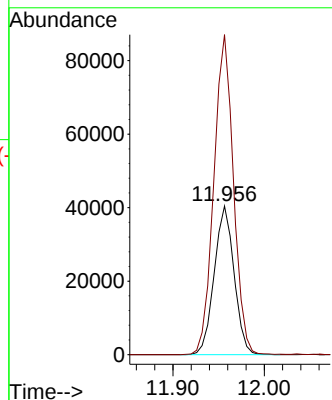
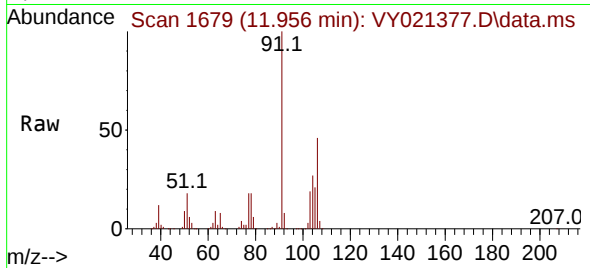




#69
o-Xylene
Concen: 19.445 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

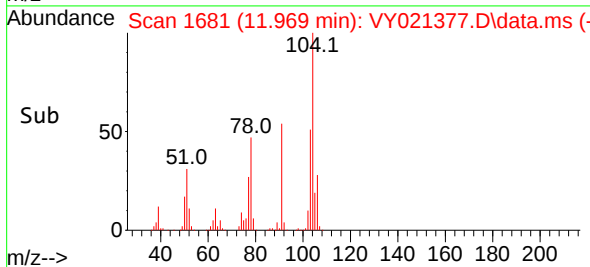
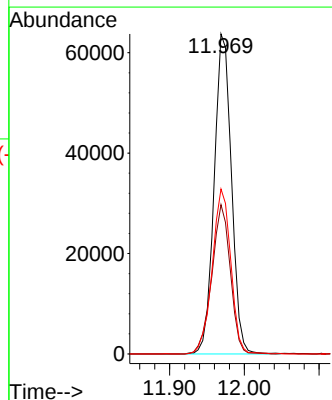
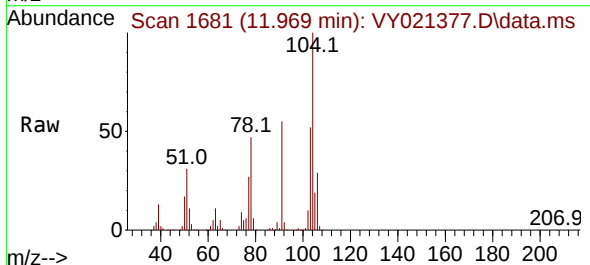
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion:106 Resp: 61033
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.2



#70
Styrene
Concen: 19.635 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion:104 Resp: 102541
Ion Ratio Lower Upper
104 100
78 49.9 41.3 61.9
103 55.2 43.9 65.9





#71

Bromoform

Concen: 20.248 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

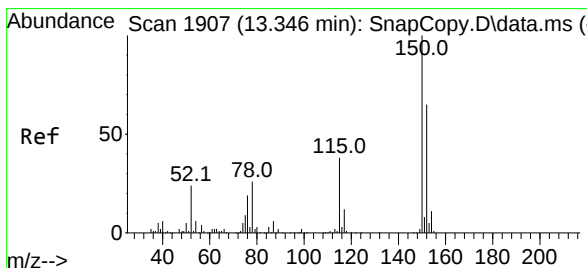
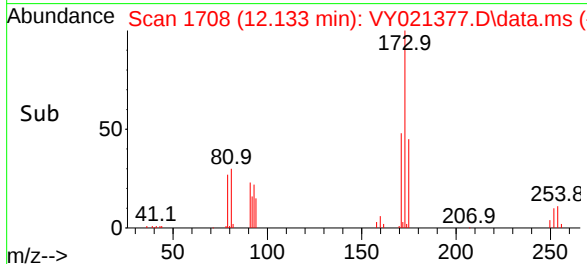
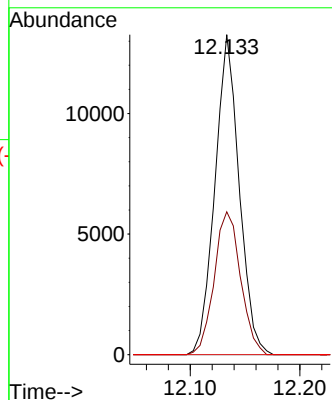
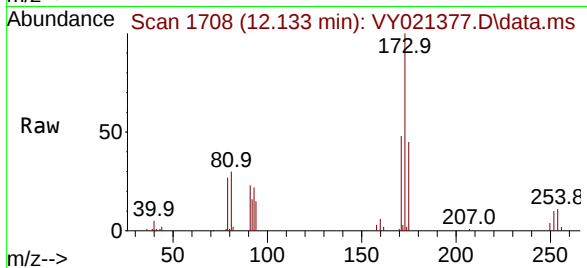
Tgt Ion:173 Resp: 20397

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

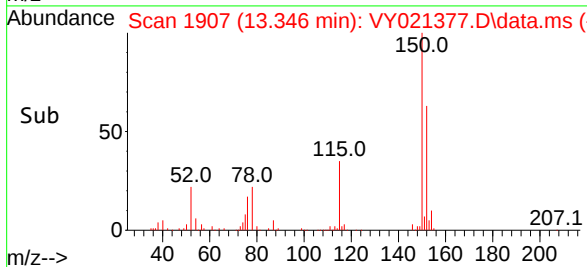
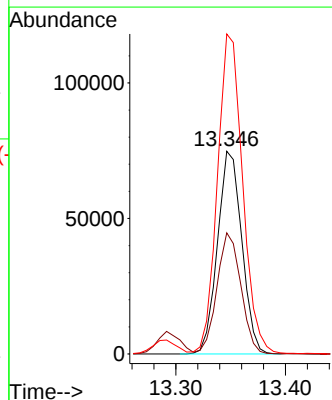
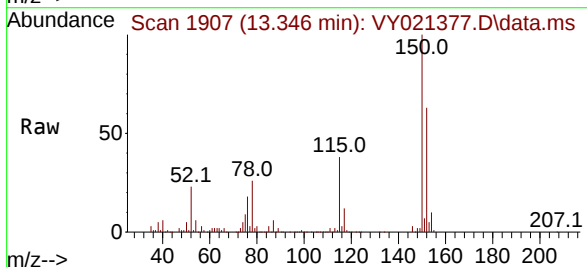
Tgt Ion:152 Resp: 115456

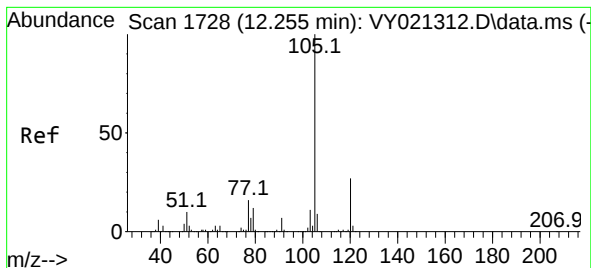
Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

150 163.6 0.0 347.4





#73

Isopropylbenzene

Concen: 18.914 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

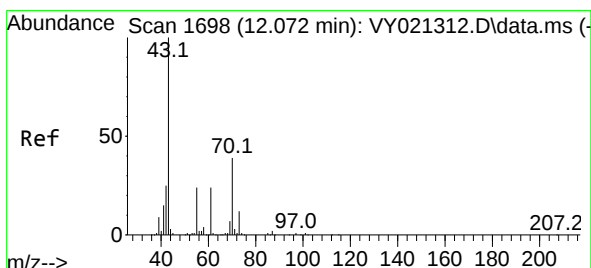
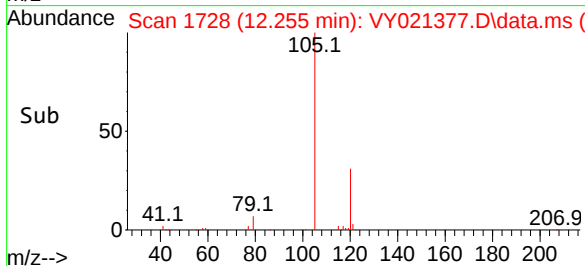
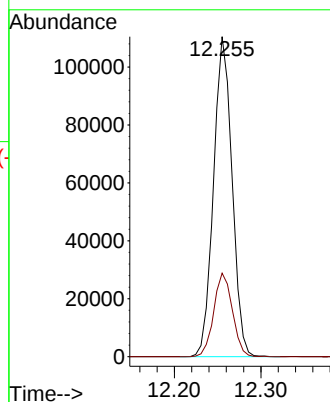
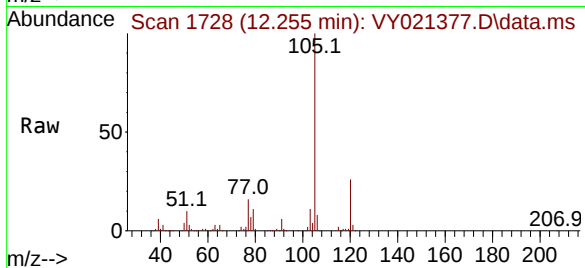
VY0228SBS01

Tgt Ion:105 Resp: 164175

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 17.127 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Tgt Ion: 43 Resp: 37786

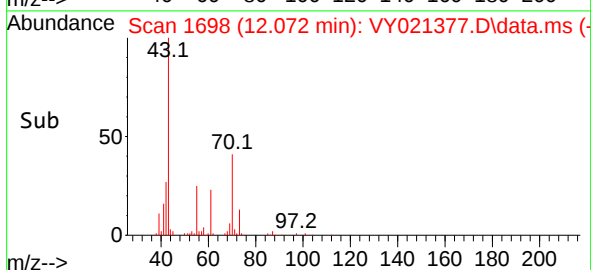
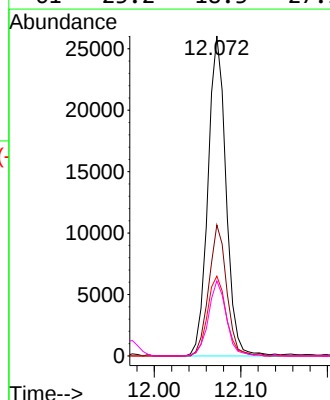
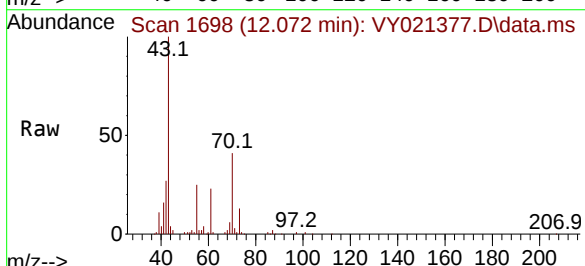
Ion Ratio Lower Upper

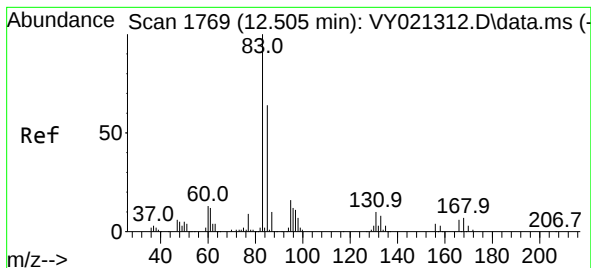
43 100

70 40.6 32.2 48.2

55 26.1 19.6 29.4

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.206 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

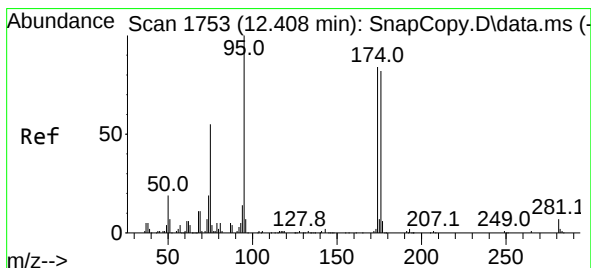
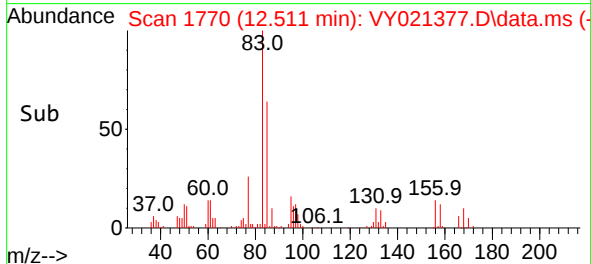
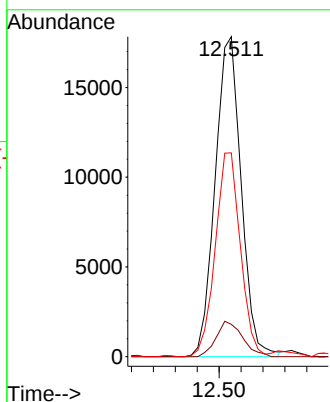
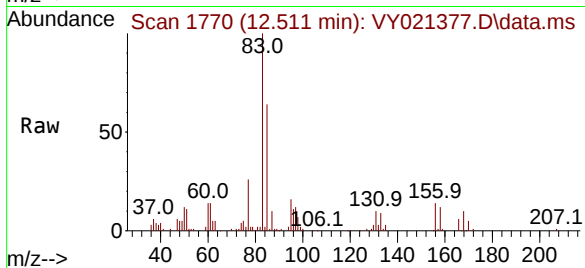
Tgt Ion: 83 Resp: 29422

Ion Ratio Lower Upper

83 100

131 11.2 5.2 15.6

85 61.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.678 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021377.D

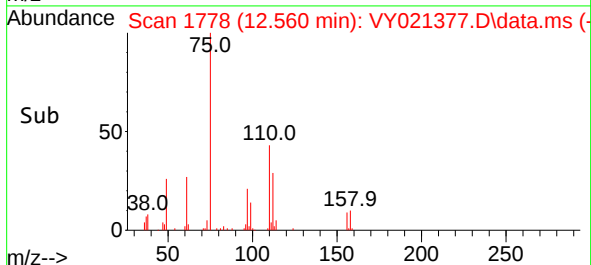
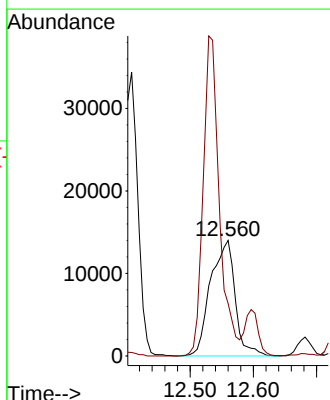
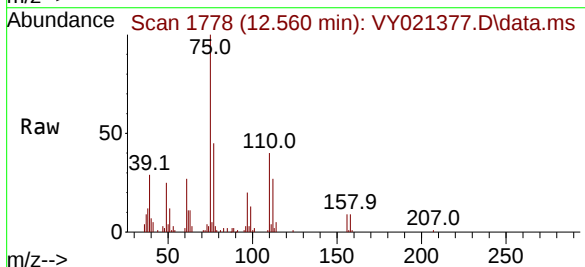
Acq: 28 Feb 2025 11:32

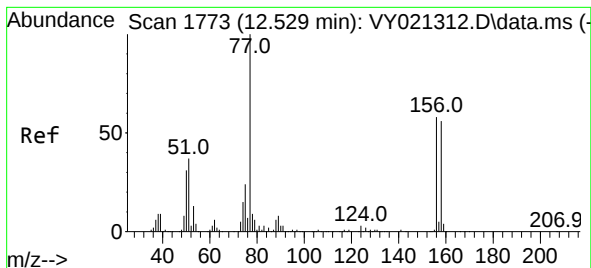
Tgt Ion: 75 Resp: 37765

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.434 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

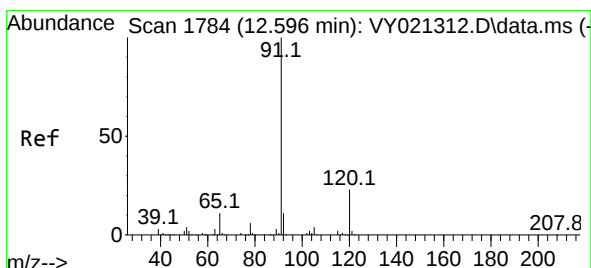
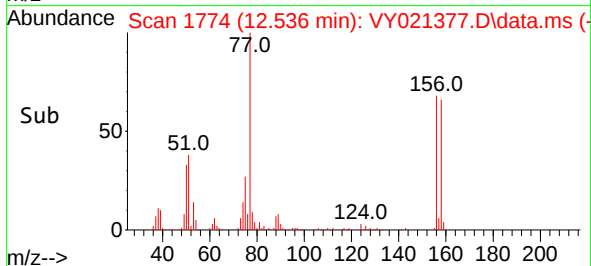
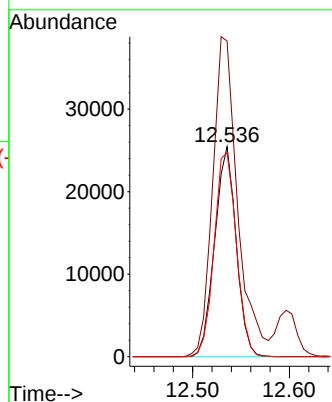
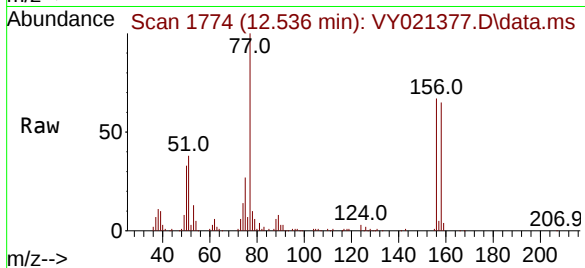
Tgt Ion:156 Resp: 39235

Ion Ratio Lower Upper

156 100

77 176.9 94.0 282.1

158 100.6 48.7 146.1



#78

n-propylbenzene

Concen: 18.652 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021377.D

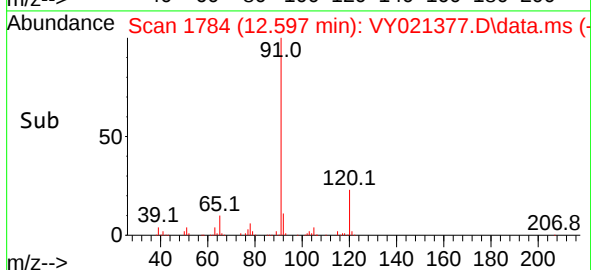
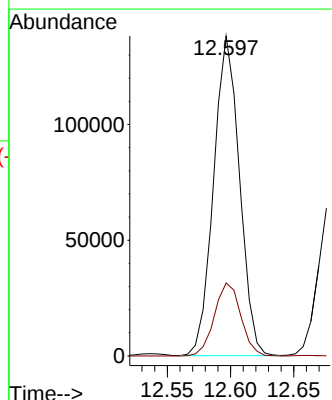
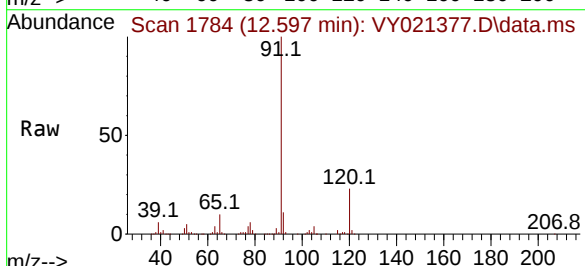
Acq: 28 Feb 2025 11:32

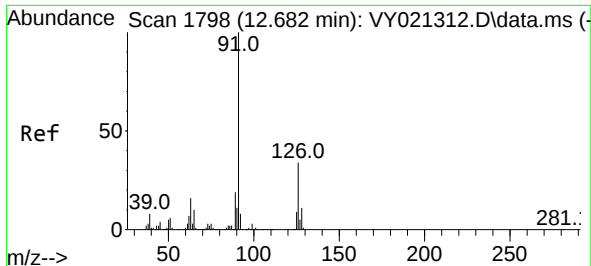
Tgt Ion: 91 Resp: 196454

Ion Ratio Lower Upper

91 100

120 23.3 11.2 33.5

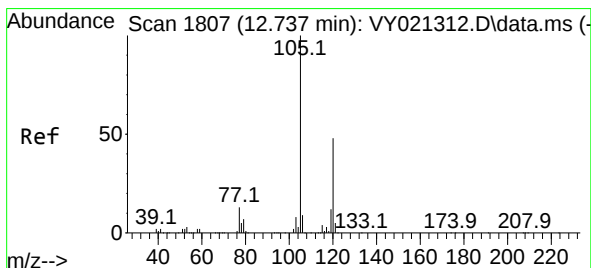
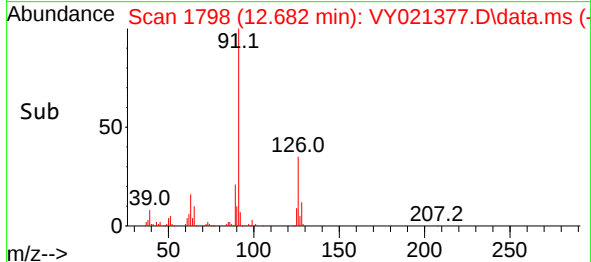
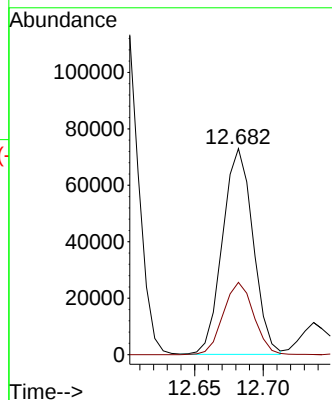
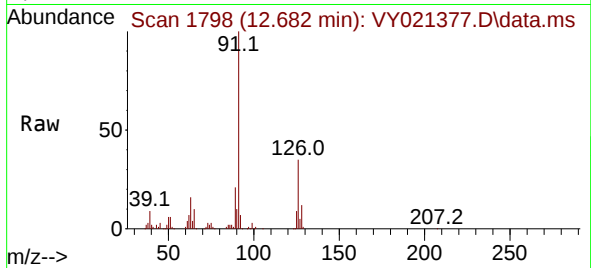




#79
2-Chlorotoluene
Concen: 18.713 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

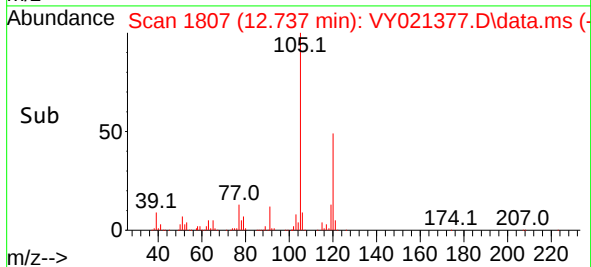
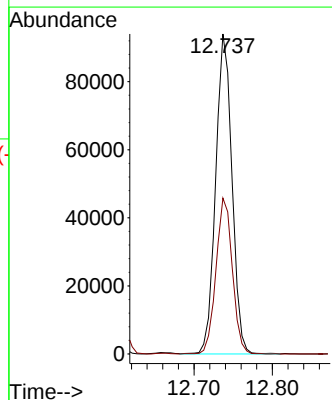
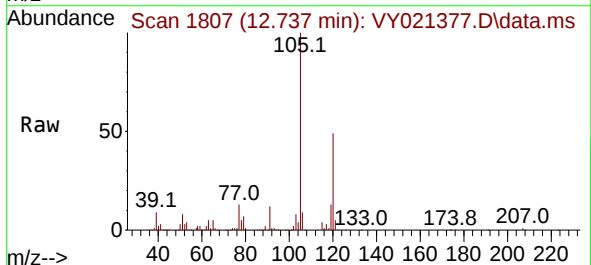
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

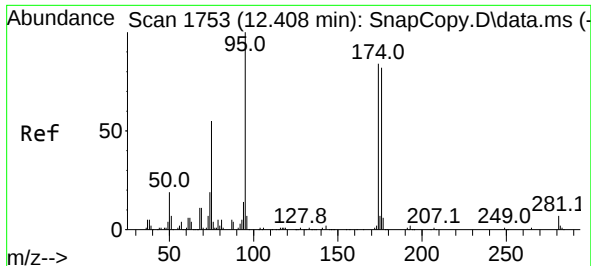
Tgt Ion: 91 Resp: 113116
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.114 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 105 Resp: 136074
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0

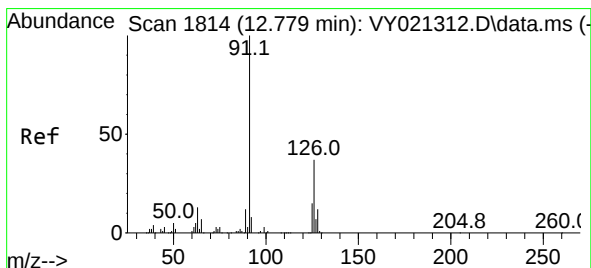
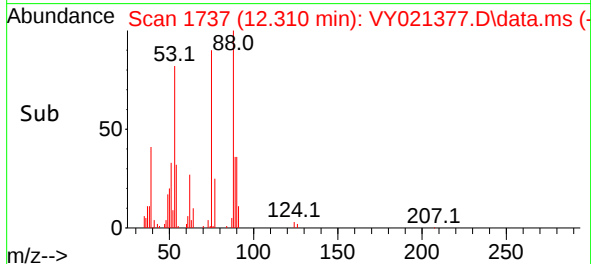
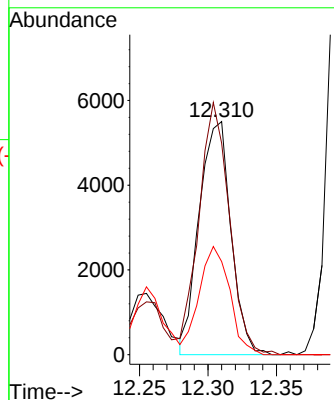
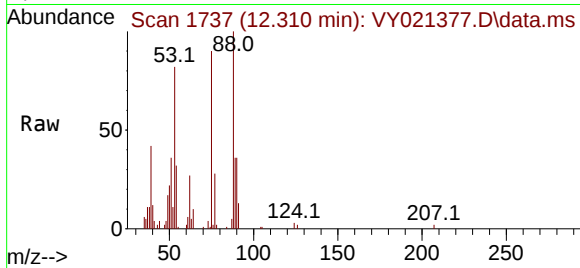




#81
trans-1,4-Dichloro-2-butene
Concen: 17.065 ug/l
RT: 12.310 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

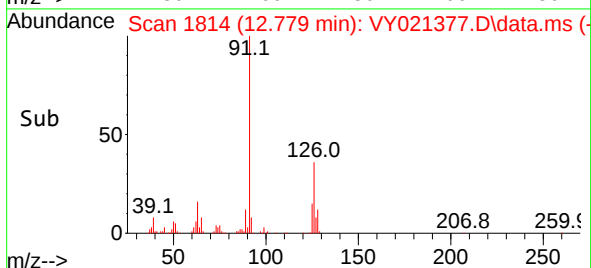
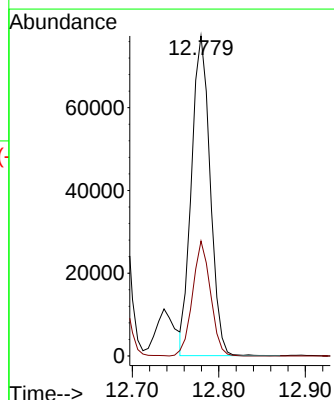
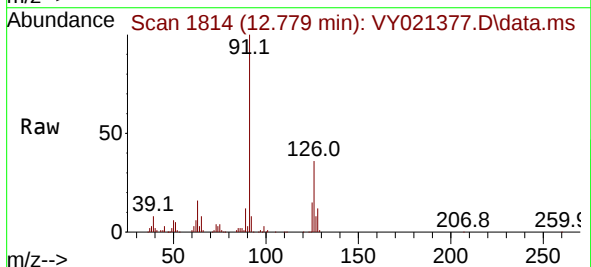
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

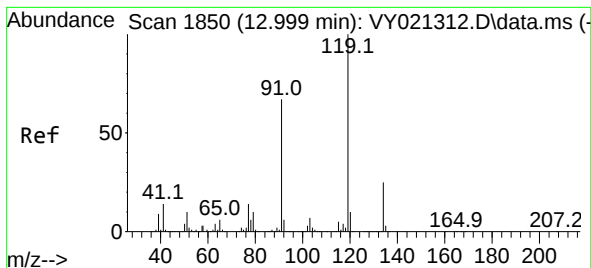
Tgt Ion: 75 Resp: 8873
Ion Ratio Lower Upper
75 100
53 104.7 79.1 118.7
89 44.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 18.415 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion: 91 Resp: 115393
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 18.640 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

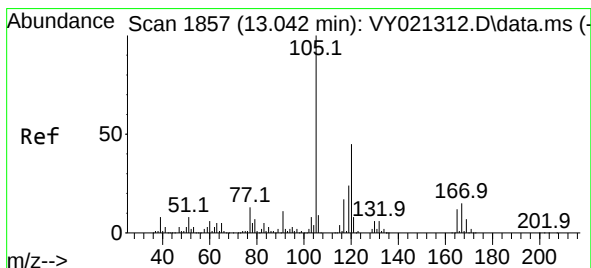
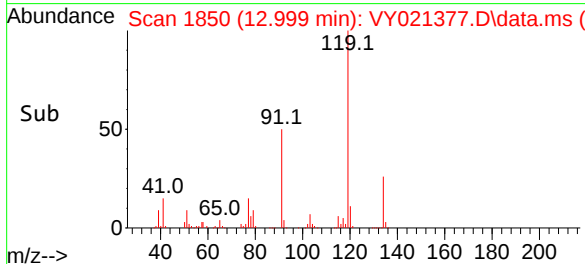
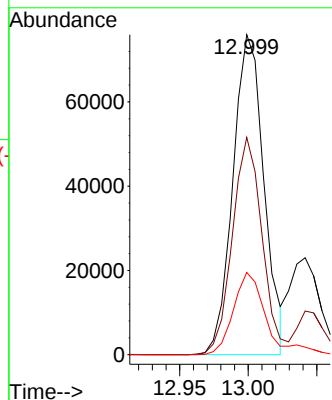
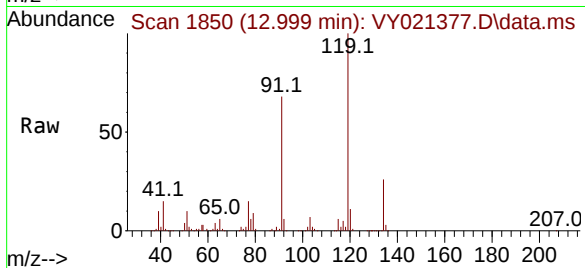
Tgt Ion:119 Resp: 119869

Ion Ratio Lower Upper

119 100

91 65.3 32.7 98.1

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.106 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021377.D

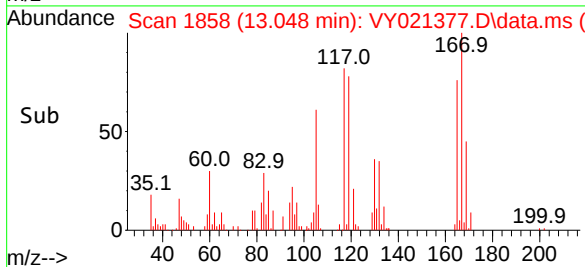
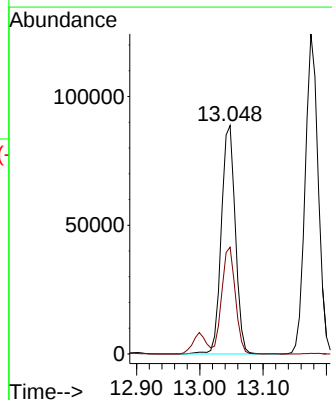
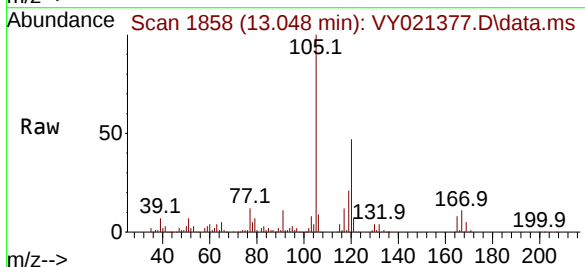
Acq: 28 Feb 2025 11:32

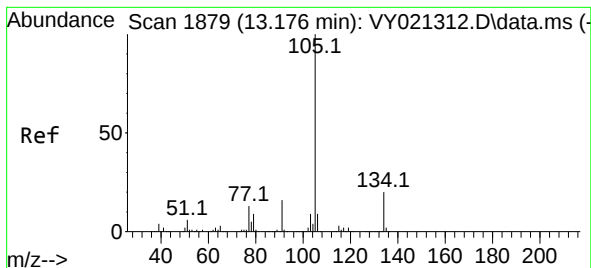
Tgt Ion:105 Resp: 135274

Ion Ratio Lower Upper

105 100

120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.799 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

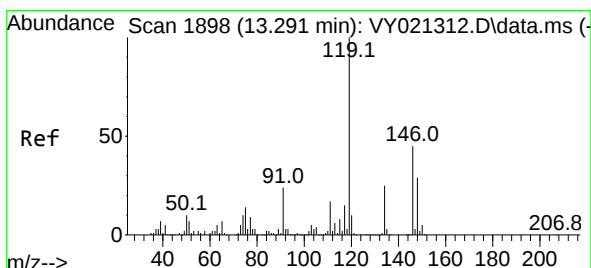
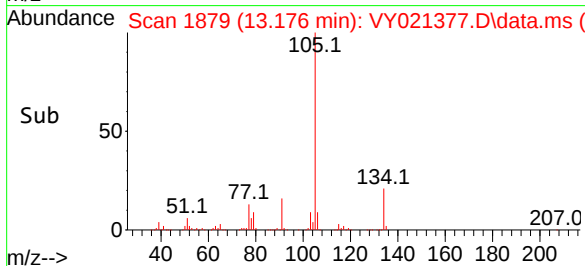
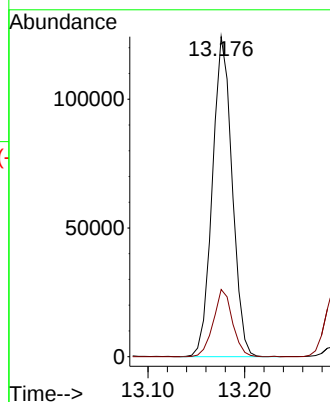
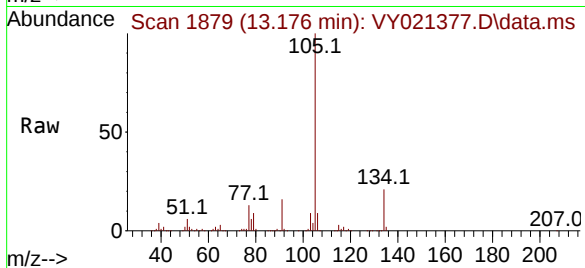
VY0228SBS01

Tgt Ion:105 Resp: 176579

Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 18.987 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

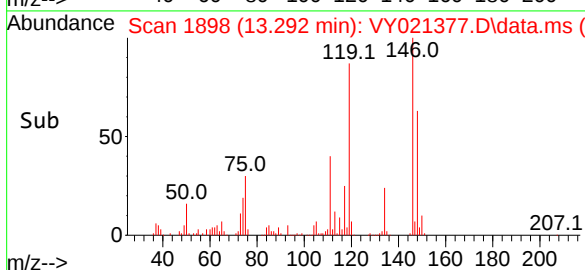
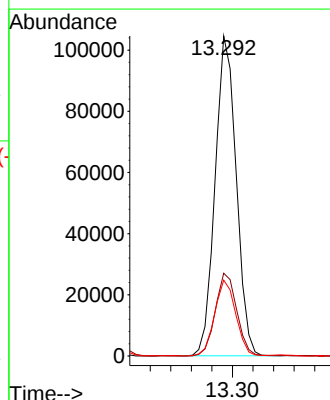
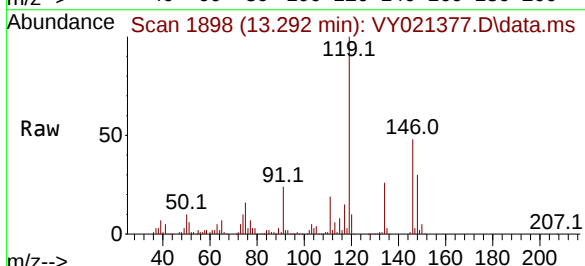
Tgt Ion:119 Resp: 148920

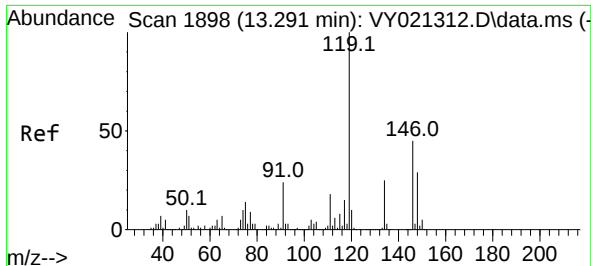
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.8 12.0 36.1

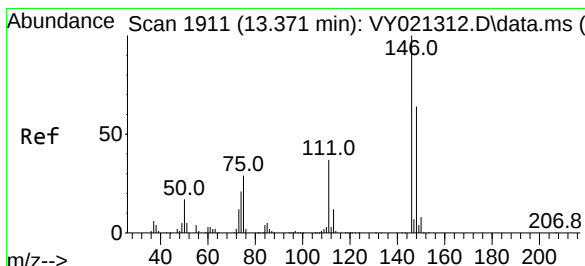
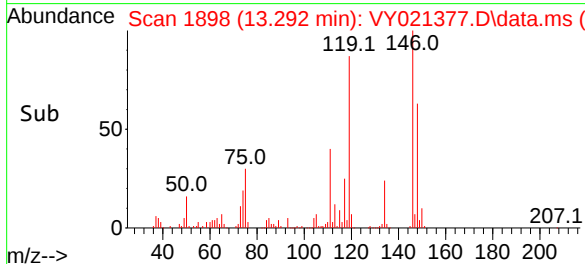
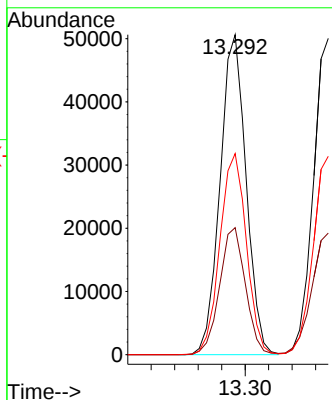
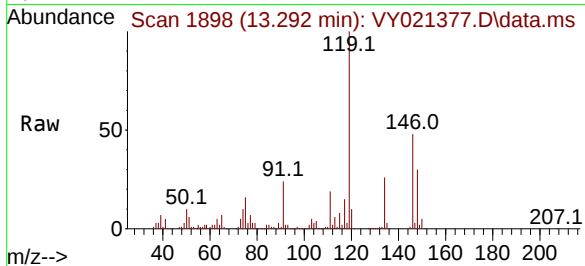




#87
1,3-Dichlorobenzene
Concen: 19.467 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

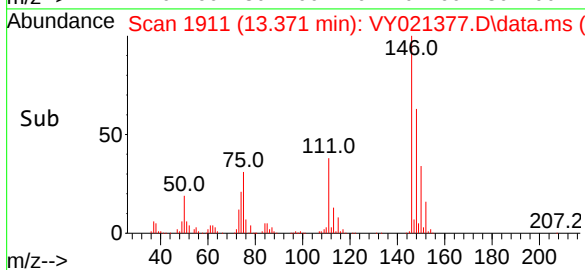
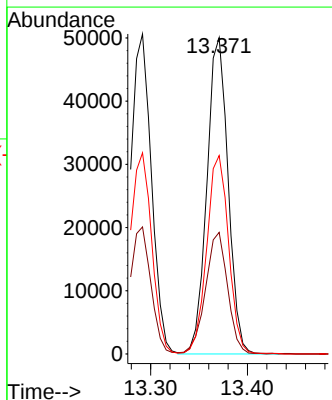
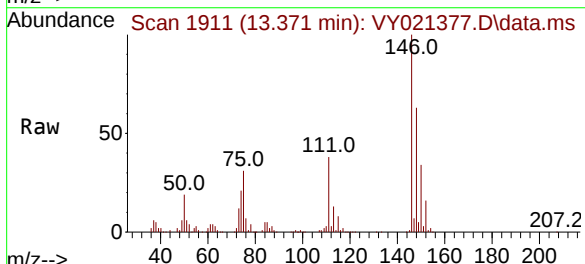
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

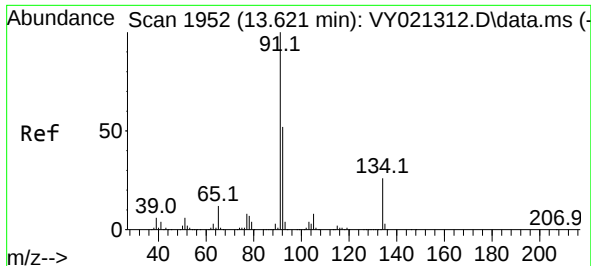
Tgt Ion:146 Resp: 77744
Ion Ratio Lower Upper
146 100
111 39.5 20.0 59.9
148 64.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.333 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021377.D
Acq: 28 Feb 2025 11:32

Tgt Ion:146 Resp: 76272
Ion Ratio Lower Upper
146 100
111 40.2 19.5 58.5
148 64.9 32.0 96.2





#89

n-Butylbenzene

Concen: 18.503 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

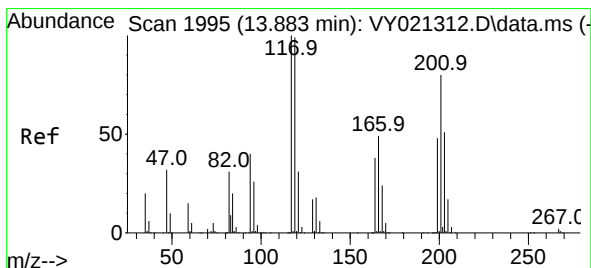
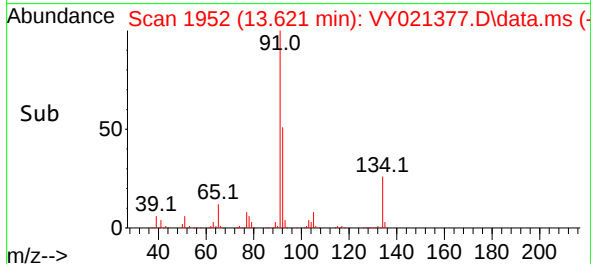
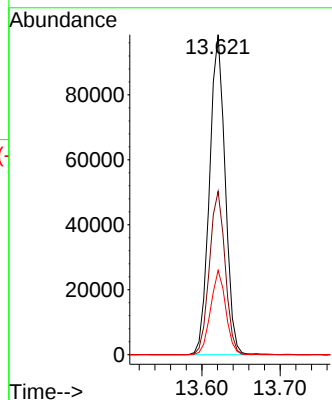
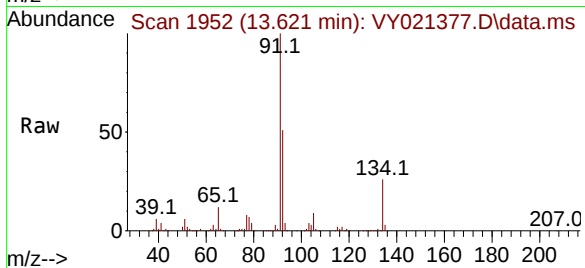
Tgt Ion: 91 Resp: 136569

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.2

134 25.5 12.7 38.0



#90

Hexachloroethane

Concen: 18.570 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021377.D

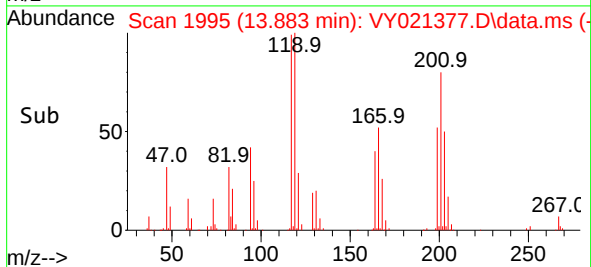
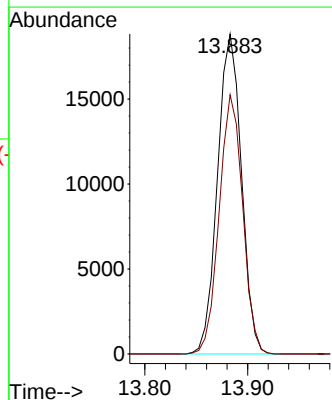
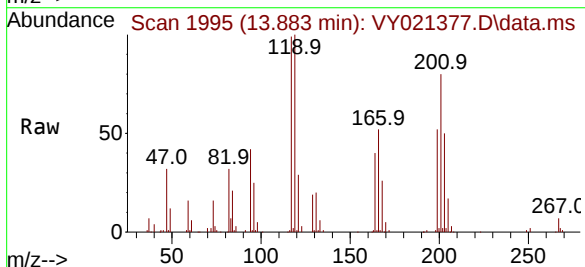
Acq: 28 Feb 2025 11:32

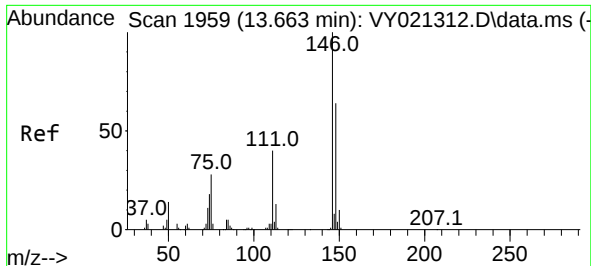
Tgt Ion: 117 Resp: 30423

Ion Ratio Lower Upper

117 100

201 79.6 38.4 115.2





#91

1,2-Dichlorobenzene

Concen: 19.458 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

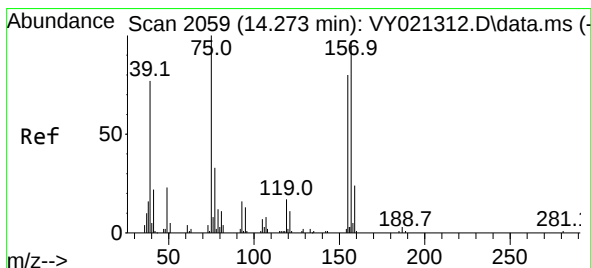
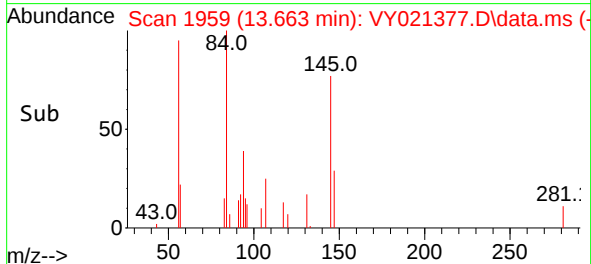
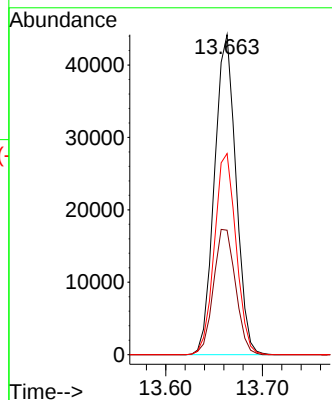
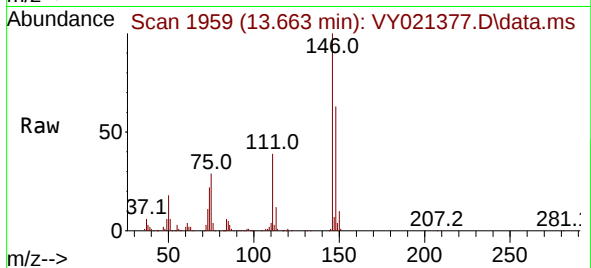
Tgt Ion:146 Resp: 68082

Ion Ratio Lower Upper

146 100

111 40.4 20.7 62.1

148 63.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.532 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

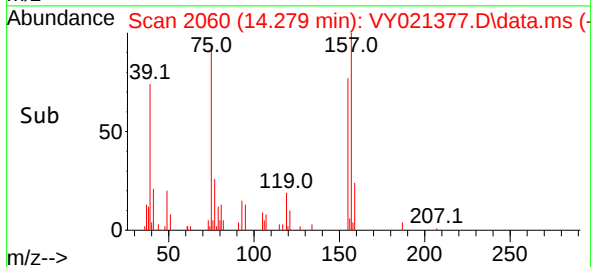
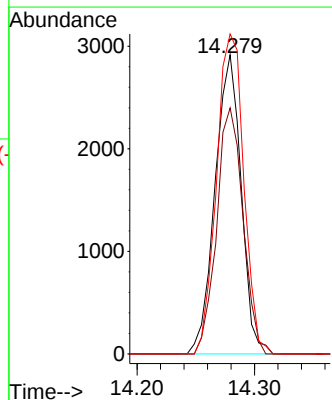
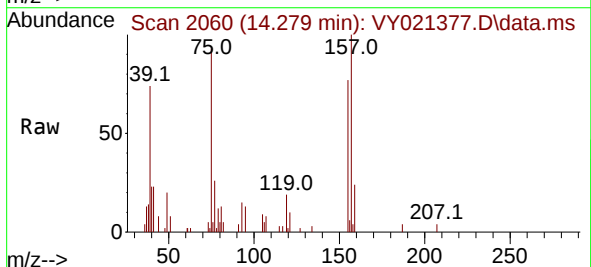
Tgt Ion: 75 Resp: 4491

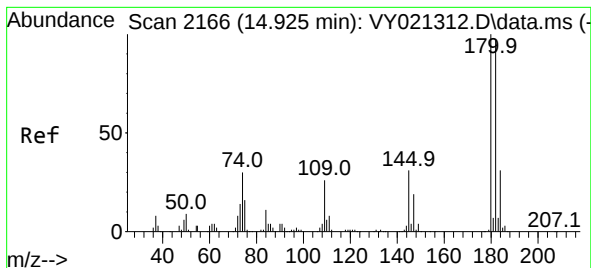
Ion Ratio Lower Upper

75 100

155 82.7 41.9 125.6

157 111.9 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 18.384 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

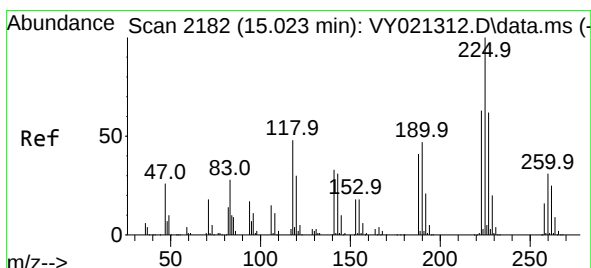
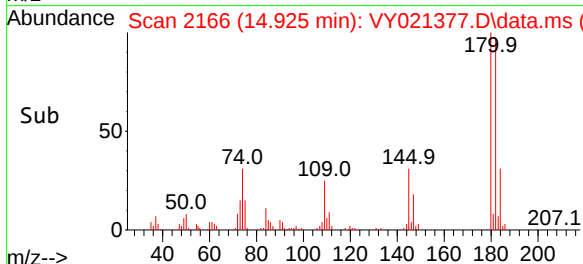
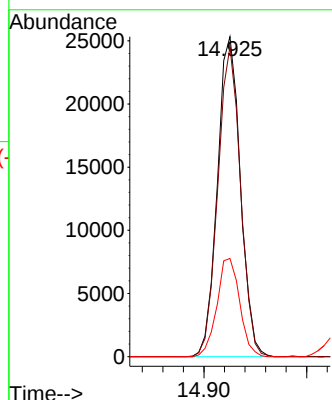
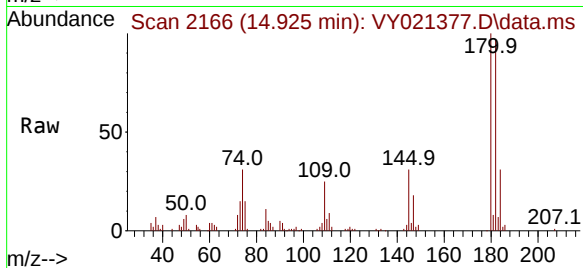
Tgt Ion:180 Resp: 39259

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.4 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.232 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

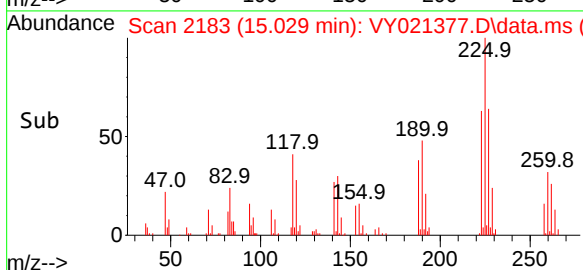
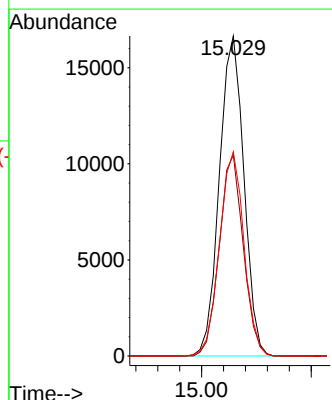
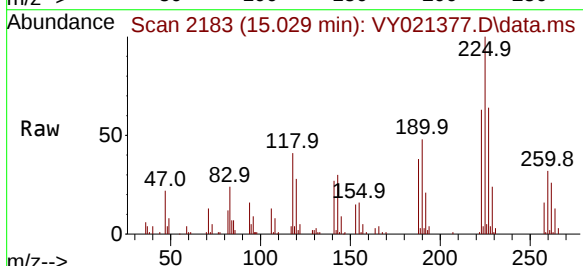
Tgt Ion:225 Resp: 25857

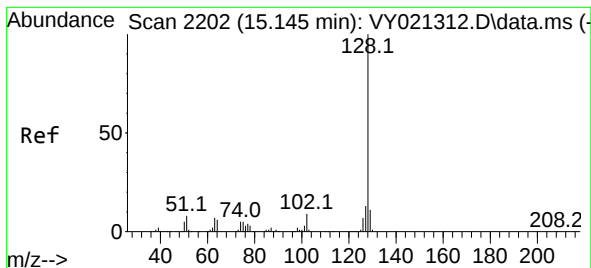
Ion Ratio Lower Upper

225 100

223 61.5 31.8 95.4

227 63.7 31.9 95.7





#95

Naphthalene

Concen: 17.459 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

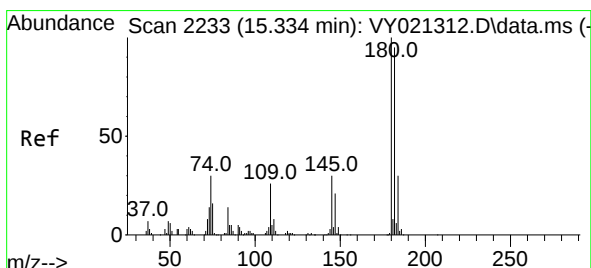
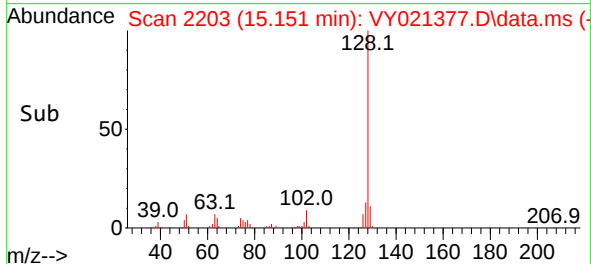
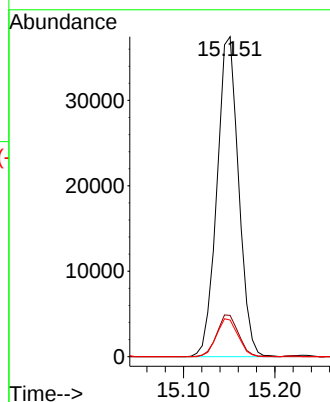
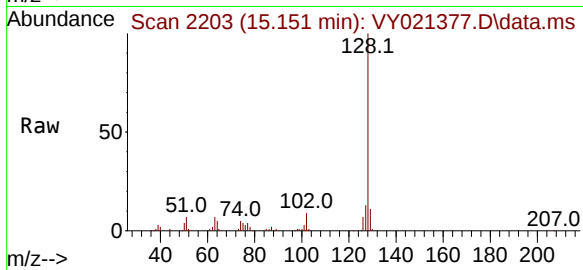
Tgt Ion:128 Resp: 61755

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.696 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021377.D

Acq: 28 Feb 2025 11:32

Tgt Ion:180 Resp: 33733

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.9

145 32.2 16.1 48.3

