

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021314.D
 Acq On : 25 Feb 2025 15:57
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 26 01:46:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	180458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	283003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	306215	149.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 299.160%#	
35) Dibromofluoromethane	7.634	113	283537	152.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 305.640%#	
50) Toluene-d8	10.103	98	1094820	152.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 305.360%#	
62) 4-Bromofluorobenzene	12.401	95	369071	152.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 305.880%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	259643	151.753	ug/l	99
3) Chloromethane	2.068	50	323414	146.365	ug/l	99
4) Vinyl Chloride	2.202	62	328290	151.368	ug/l	97
5) Bromomethane	2.580	94	200754	139.293	ug/l	100
6) Chloroethane	2.726	64	197463	146.820	ug/l	97
7) Trichlorofluoromethane	3.056	101	492238	150.283	ug/l	98
8) Diethyl Ether	3.452	74	154649	157.312	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	293114	154.570	ug/l	99
10) Methyl Iodide	4.000	142	338246	169.542	ug/l	99
11) Tert butyl alcohol	4.860	59	106628	677.165	ug/l	99
12) 1,1-Dichloroethene	3.787	96	280431	154.445	ug/l	98
13) Acrolein	3.647	56	17213	142.652	ug/l	96
14) Allyl chloride	4.378	41	507854	157.755	ug/l	98
15) Acrylonitrile	5.055	53	344988	793.713	ug/l	99
16) Acetone	3.860	43	280172	713.470	ug/l	97
17) Carbon Disulfide	4.104	76	908476	150.676	ug/l	99
18) Methyl Acetate	4.378	43	149226	155.496	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	763596	159.172	ug/l	100
20) Methylene Chloride	4.610	84	296032	139.409	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	308627	154.401	ug/l	98
22) Diisopropyl ether	6.018	45	1028788	154.433	ug/l	96
23) Vinyl Acetate	5.957	43	3191401	801.685	ug/l	99
24) 1,1-Dichloroethane	5.915	63	572832	152.564	ug/l	98
25) 2-Butanone	6.890	43	462541	780.449	ug/l	97
26) 2,2-Dichloropropane	6.884	77	515178	151.214	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	354979	155.519	ug/l	99
28) Bromochloromethane	7.244	49	251245	151.227	ug/l	99
29) Tetrahydrofuran	7.256	42	309130	797.978	ug/l	99
30) Chloroform	7.421	83	574920	151.112	ug/l	100
31) Cyclohexane	7.695	56	525636	145.637	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	529792	152.986	ug/l	99
36) 1,1-Dichloropropene	7.835	75	429157	153.985	ug/l	100
37) Ethyl Acetate	6.982	43	216920	156.470	ug/l	100
38) Carbon Tetrachloride	7.817	117	481774	153.764	ug/l	99
39) Methylcyclohexane	9.103	83	563132	159.752	ug/l	97
40) Benzene	8.079	78	1249573	151.673	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	123663	159.542	ug/l	95
42) 1,2-Dichloroethane	8.152	62	355374	152.036	ug/l	99
43) Isopropyl Acetate	8.195	43	433742	161.641	ug/l	98
44) Trichloroethene	8.865	130	318590	154.457	ug/l	99
45) 1,2-Dichloropropane	9.140	63	302967	152.809	ug/l	99
46) Dibromomethane	9.231	93	168654	155.620	ug/l	99
47) Bromodichloromethane	9.420	83	448398	155.172	ug/l	99
48) Methyl methacrylate	9.219	41	213222	169.923	ug/l	100
49) 1,4-Dioxane	9.225	88	38142	3165.209	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	1121500	816.471	ug/l	100
52) Toluene	10.170	92	794485	155.232	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	432560	163.384	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	493601	157.928	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	215312	152.506	ug/l	98
56) Ethyl methacrylate	10.438	69	337816	173.168	ug/l	99
57) 1,3-Dichloropropane	10.713	76	385803	155.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	761125	812.859	ug/l	100
59) 2-Hexanone	10.755	43	754575	836.458	ug/l	98
60) Dibromochloromethane	10.908	129	299188	155.598	ug/l	99
61) 1,2-Dibromoethane	11.011	107	208046	155.651	ug/l	99
64) Tetrachloroethene	10.646	164	288026	153.351	ug/l	98
65) Chlorobenzene	11.438	112	863676	154.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	301244	154.234	ug/l	100
67) Ethyl Benzene	11.517	91	1576743	159.586	ug/l	100
68) m/p-Xylenes	11.627	106	1167839	314.246	ug/l	100
69) o-Xylene	11.950	106	550972	158.258	ug/l	99
70) Styrene	11.969	104	936967	161.754	ug/l	100
71) Bromoform	12.133	173	175918	157.441	ug/l #	99
73) Isopropylbenzene	12.255	105	1461905	159.969	ug/l	99
74) N-amyl acetate	12.066	43	403238	173.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	251216	155.759	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	339496	277.334	ug/l #	100
77) Bromobenzene	12.529	156	333772	157.025	ug/l	99
78) n-propylbenzene	12.597	91	1765636	159.217	ug/l	100
79) 2-Chlorotoluene	12.682	91	995452	156.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1190462	158.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	92910	169.722	ug/l	98
82) 4-Chlorotoluene	12.779	91	1021811	154.883	ug/l	100
83) tert-Butylbenzene	12.999	119	1094125	161.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1192062	159.915	ug/l	99
85) sec-Butylbenzene	13.176	105	1558540	157.594	ug/l	100
86) p-Isopropyltoluene	13.291	119	1327819	160.795	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	648204	154.161	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	635981	153.109	ug/l	100
89) n-Butylbenzene	13.615	91	1269399	163.350	ug/l	99
90) Hexachloroethane	13.877	117	275368	159.641	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	570360	154.826	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	42060	164.851	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	384163	170.860	ug/l	99
94) Hexachlorobutadiene	15.023	225	224602	158.670	ug/l	99
95) Naphthalene	15.145	128	694625	186.517	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	326876	172.067	ug/l	99

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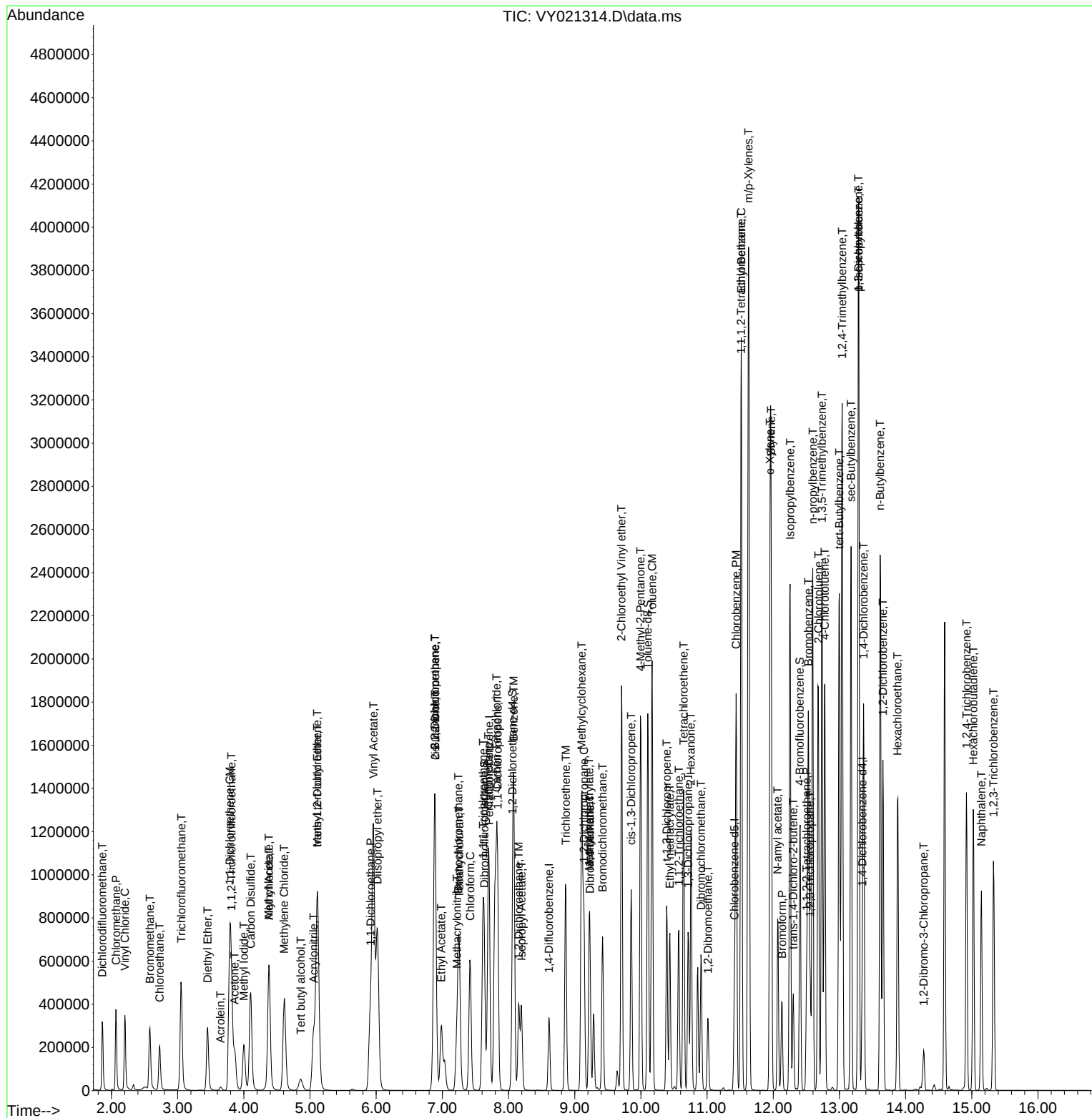
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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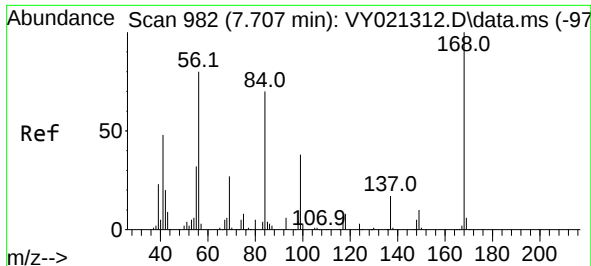
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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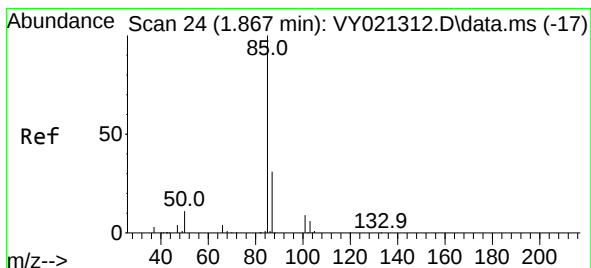
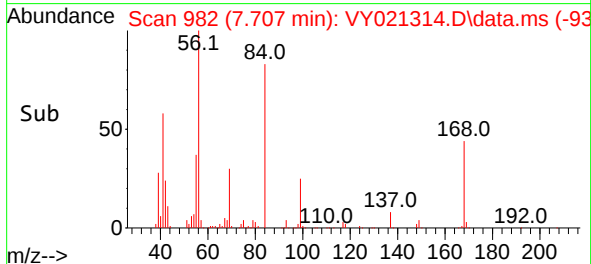
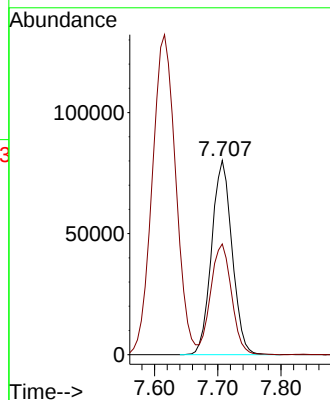
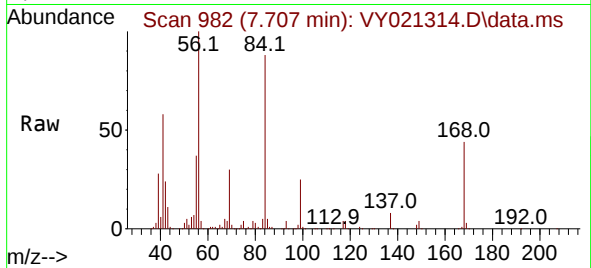




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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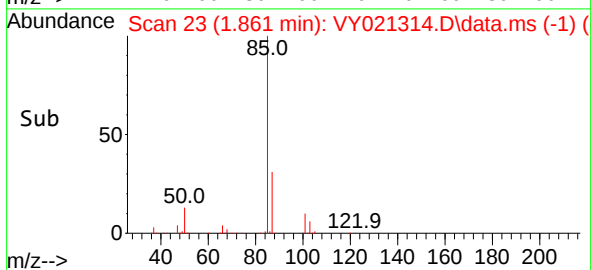
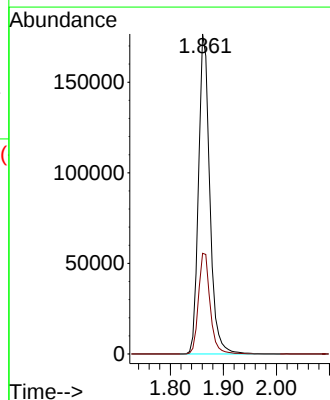
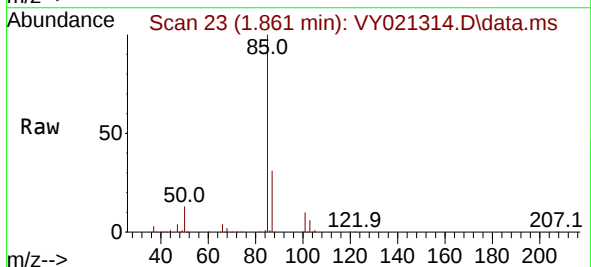
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

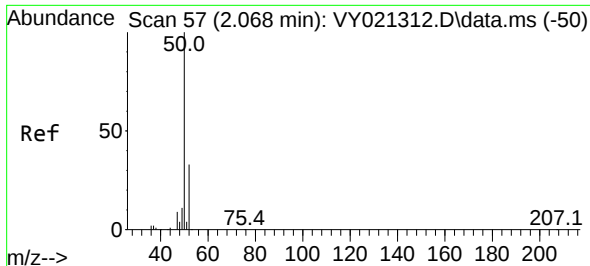
Tgt Ion:168 Resp: 180458
Ion Ratio Lower Upper
168 100
99 57.0 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 151.753 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 85 Resp: 259643
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.4

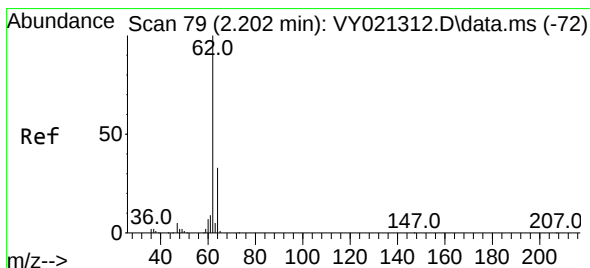
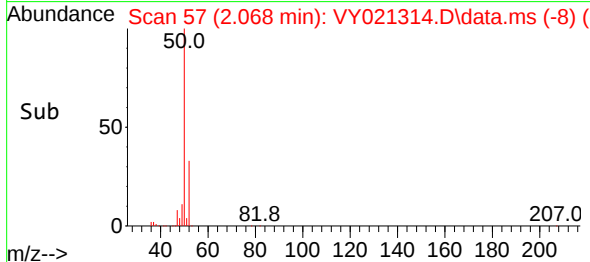
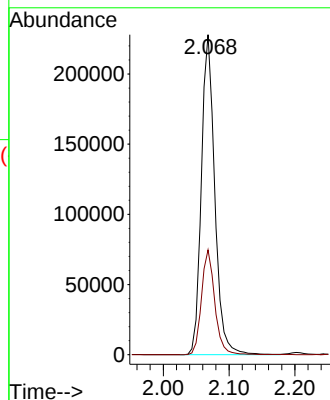
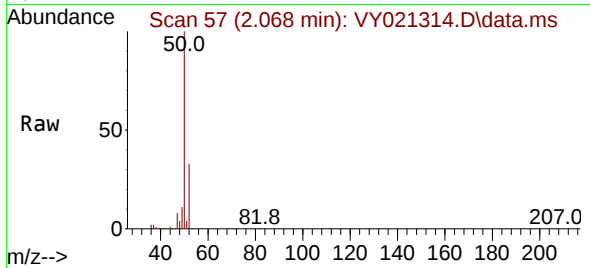




#3
Chloromethane
Concen: 146.365 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

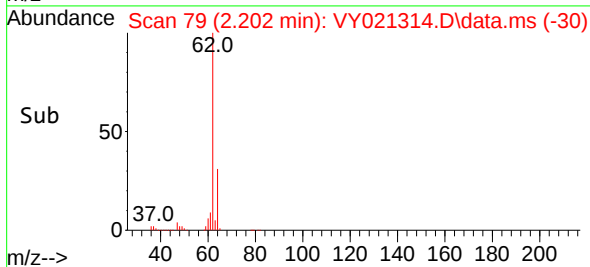
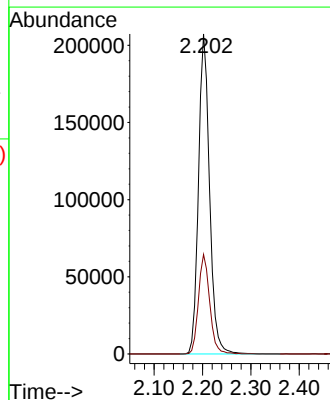
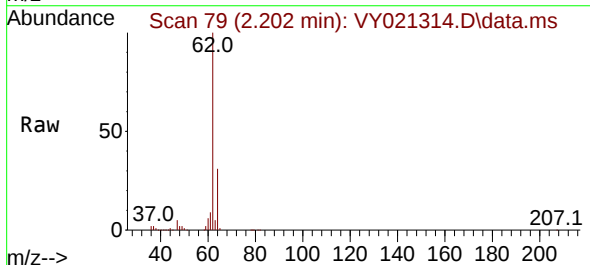
Instrument :
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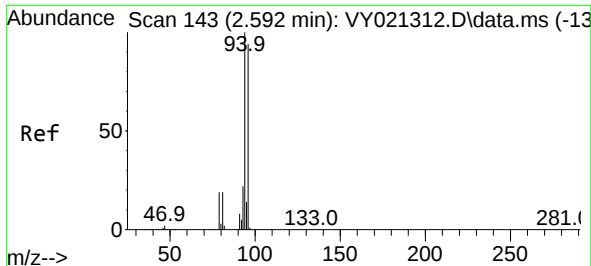
Tgt Ion: 50 Resp: 323414
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 151.368 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 62 Resp: 328290
Ion Ratio Lower Upper
62 100
64 31.1 26.3 39.5

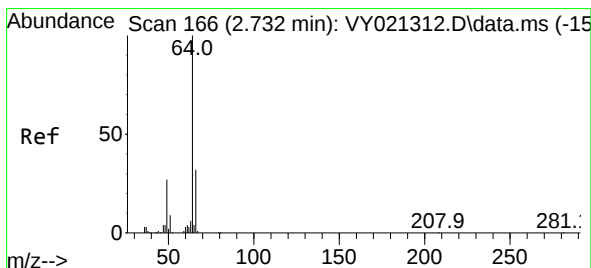
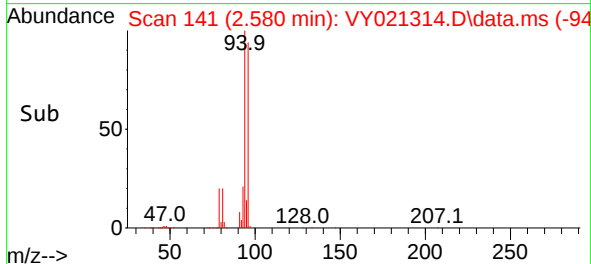
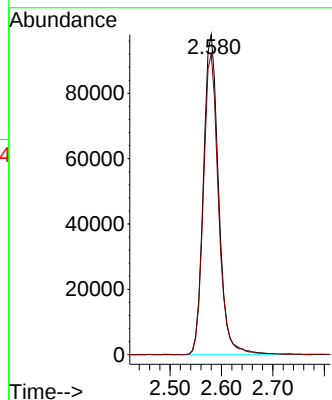
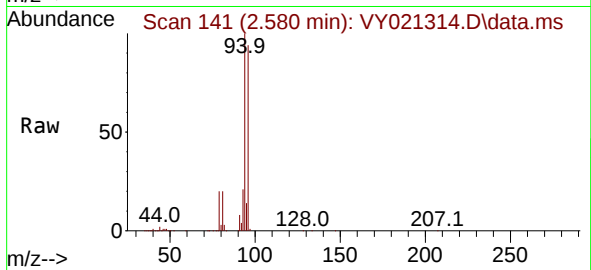




#5
Bromomethane
Concen: 139.293 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021314.D
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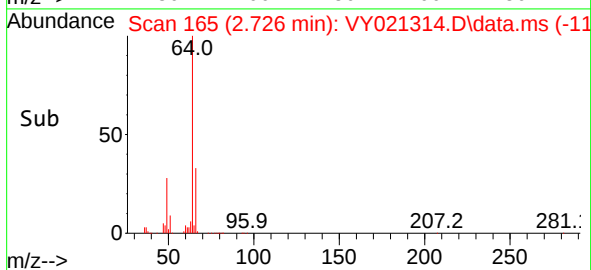
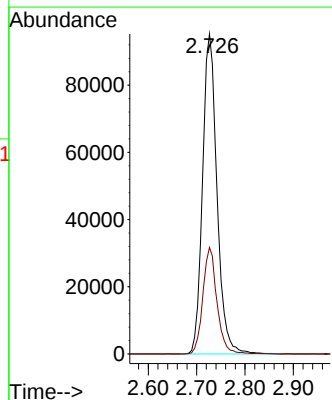
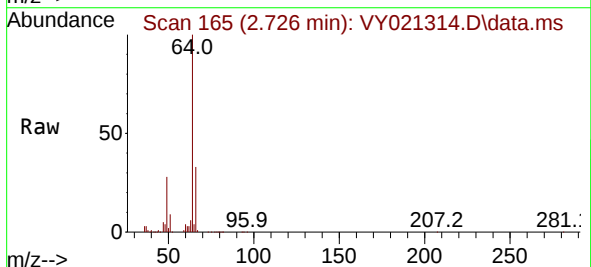
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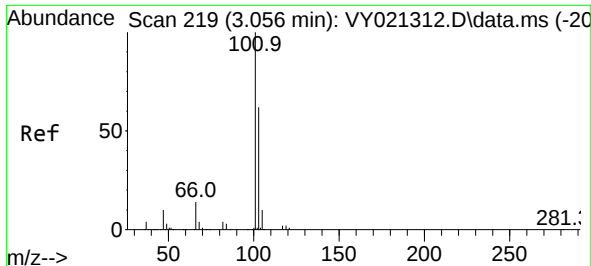
Tgt Ion: 94 Resp: 200754
Ion Ratio Lower Upper
94 100
96 93.9 75.2 112.8



#6
Chloroethane
Concen: 146.820 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 197463
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

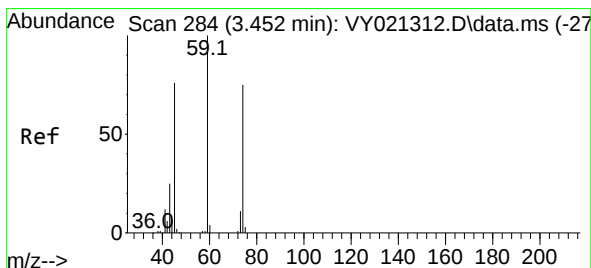
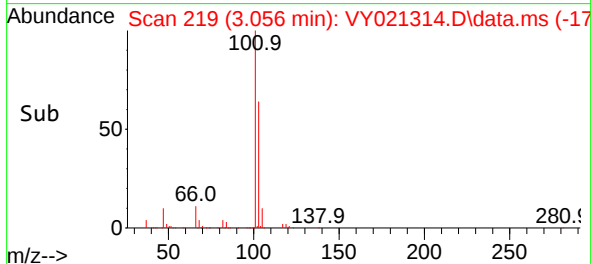
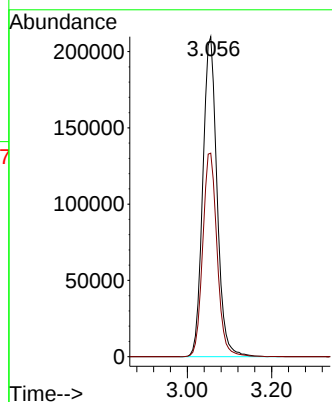
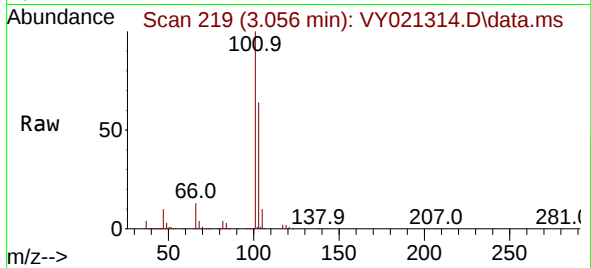




#7
 Trichlorofluoromethane
 Concen: 150.283 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

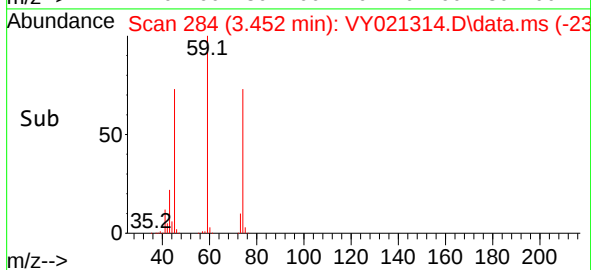
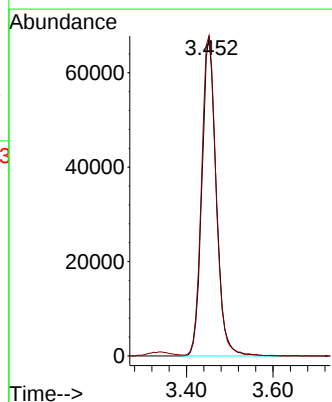
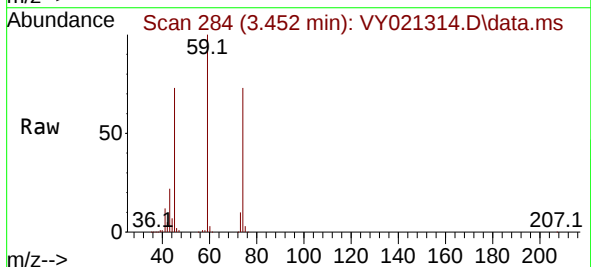
Instrument :
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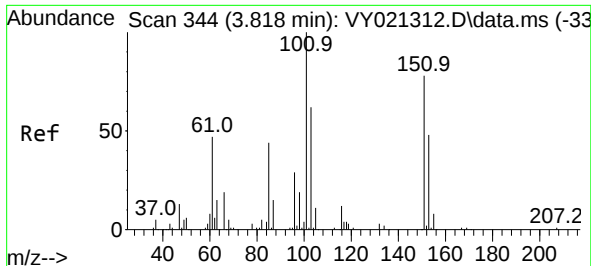
Tgt Ion:101 Resp: 492238
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.7 74.5



#8
 Diethyl Ether
 Concen: 157.312 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 154649
 Ion Ratio Lower Upper
 74 100
 45 103.0 50.3 150.9

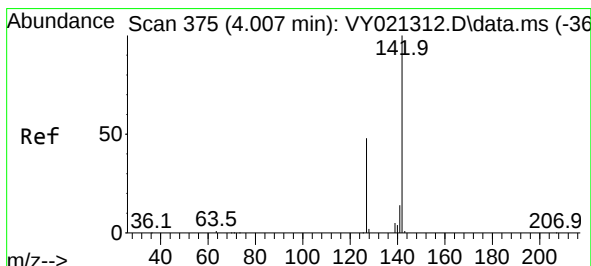
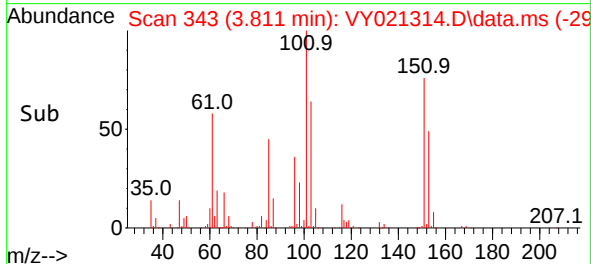
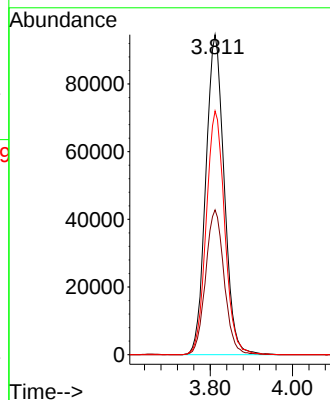
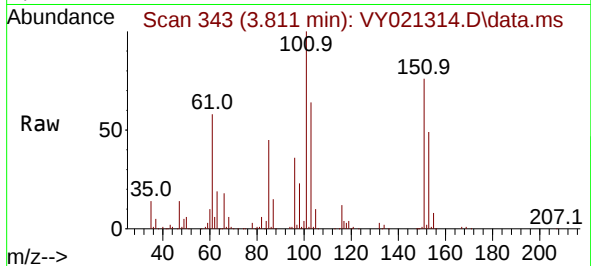




#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.570 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

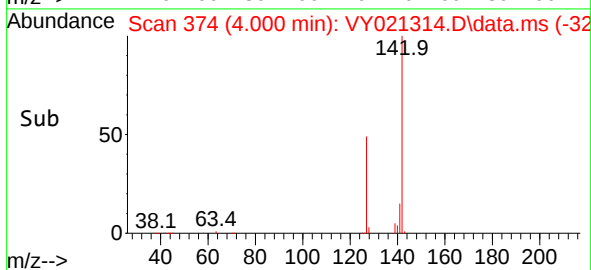
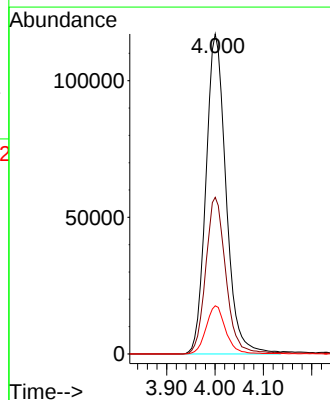
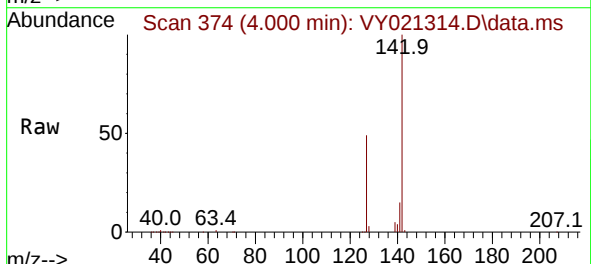
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

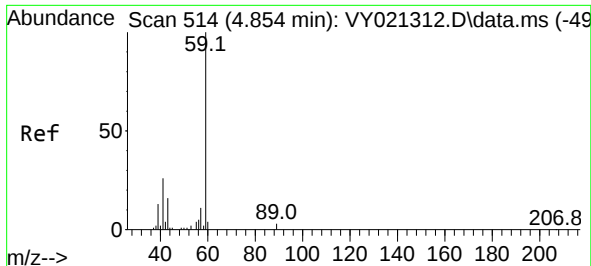
Tgt Ion:101 Resp: 293114
Ion Ratio Lower Upper
101 100
85 45.8 36.7 55.1
151 76.6 62.6 94.0



#10
Methyl Iodide
Concen: 169.542 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:142 Resp: 338246
Ion Ratio Lower Upper
142 100
127 49.4 39.2 58.8
141 14.8 11.4 17.2

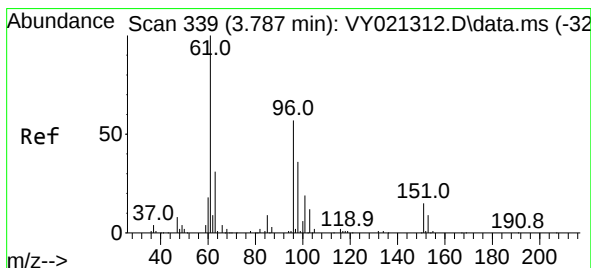
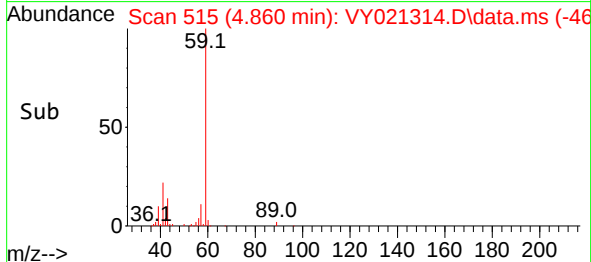
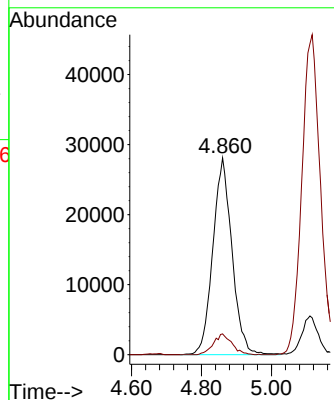
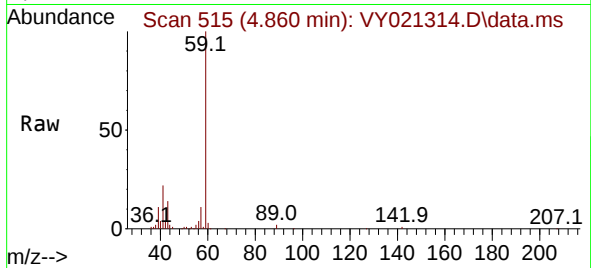




#11
Tert butyl alcohol
Concen: 677.165 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

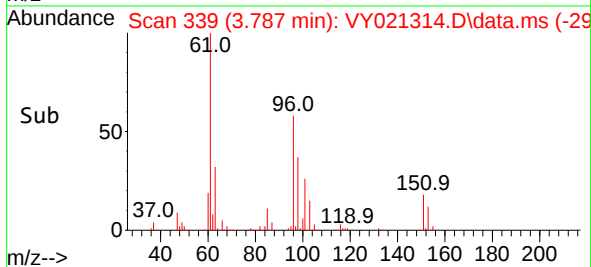
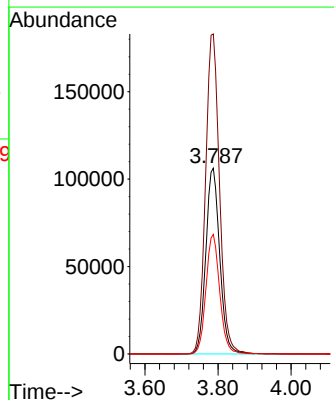
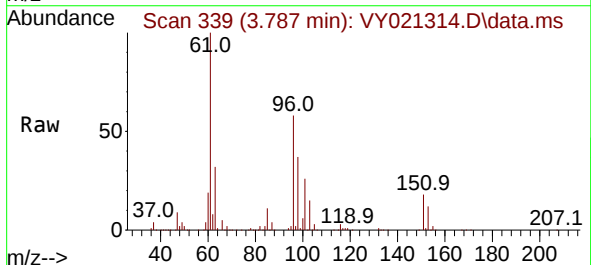
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

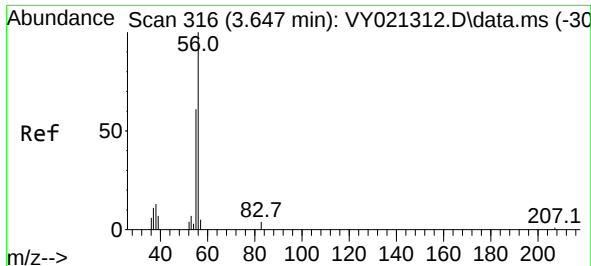
Tgt Ion: 59 Resp: 106628
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 154.445 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 96 Resp: 280431
Ion Ratio Lower Upper
96 100
61 172.2 139.7 209.5
98 64.3 49.7 74.5

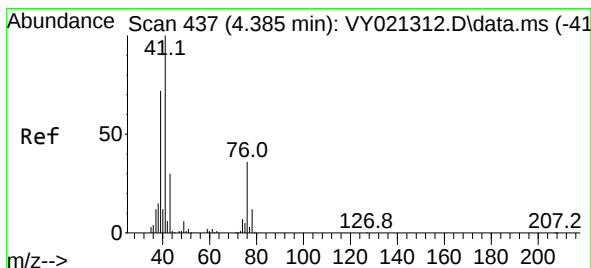
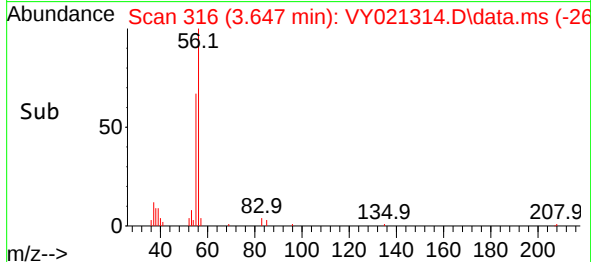
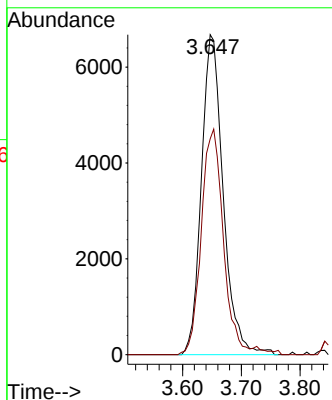
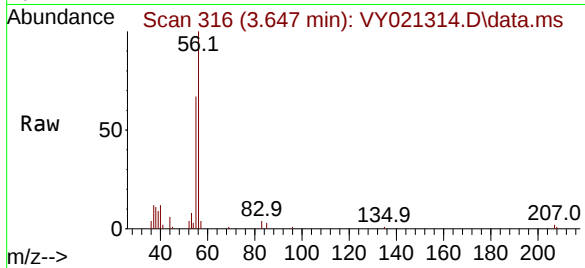




#13
Acrolein
Concen: 142.652 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

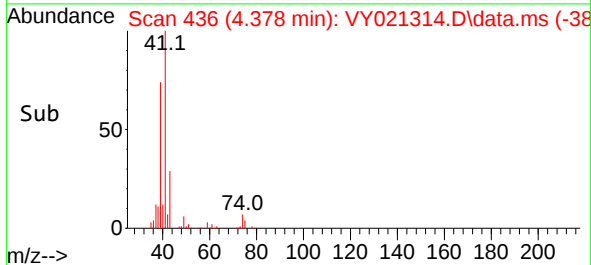
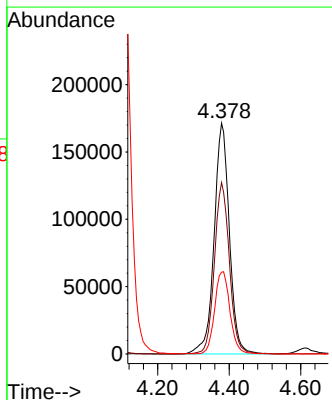
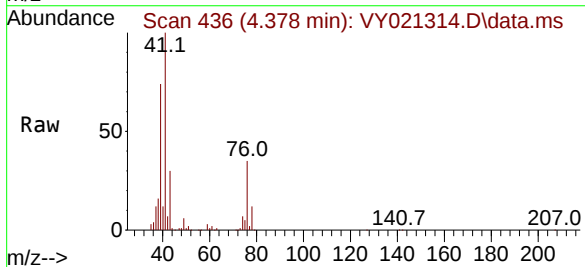
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

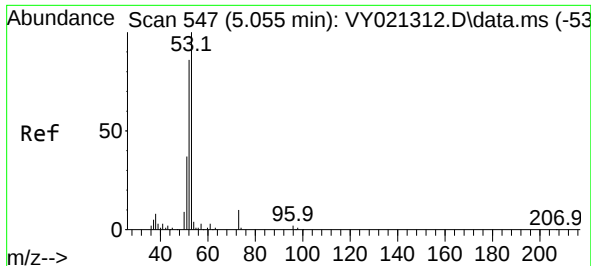
Tgt Ion: 56 Resp: 17213
Ion Ratio Lower Upper
56 100
55 70.8 59.0 88.6



#14
Allyl chloride
Concen: 157.755 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 507854
Ion Ratio Lower Upper
41 100
39 73.1 60.0 90.0
76 35.8 29.0 43.6

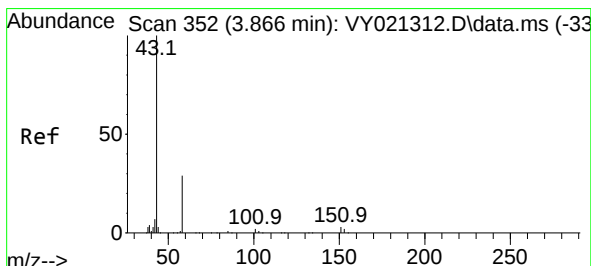
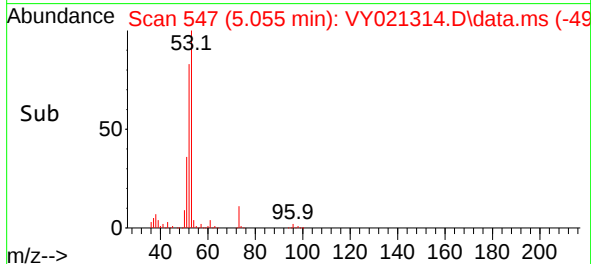
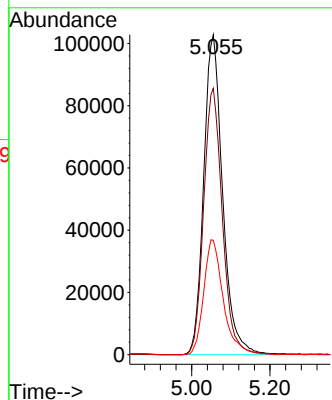
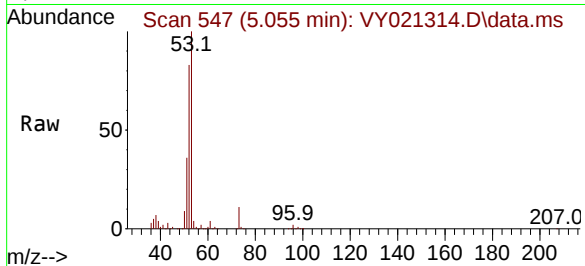




#15
Acrylonitrile
Concen: 793.713 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

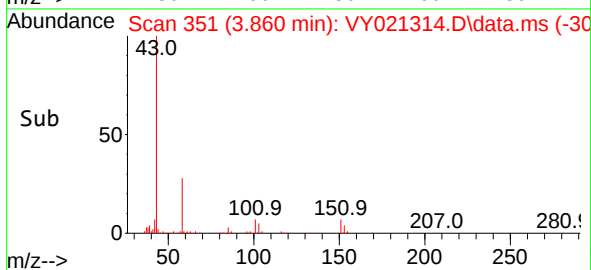
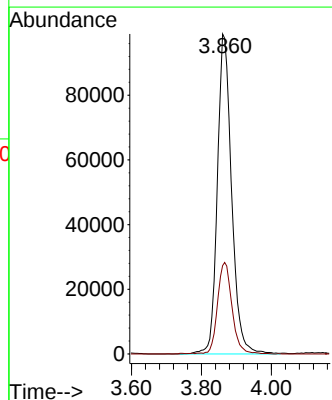
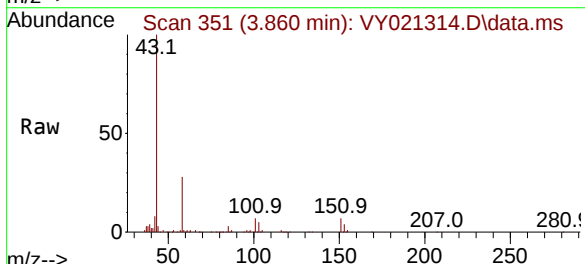
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

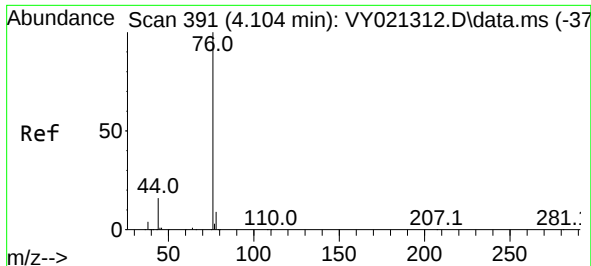
Tgt Ion: 53 Resp: 344988
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 37.2 30.6 46.0



#16
Acetone
Concen: 713.470 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 280172
Ion Ratio Lower Upper
43 100
58 27.5 23.5 35.3

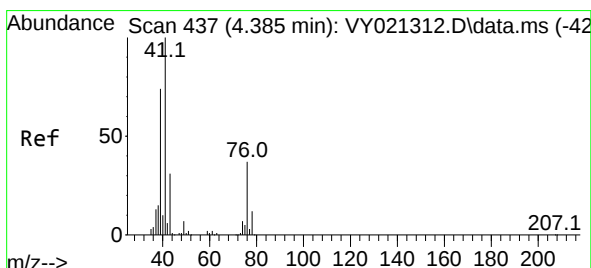
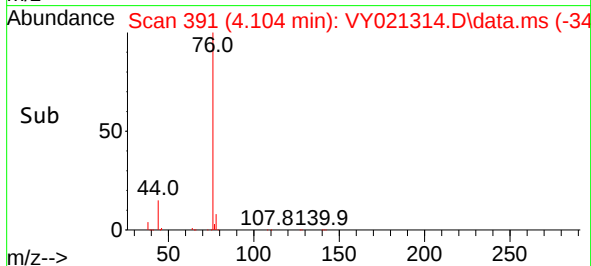
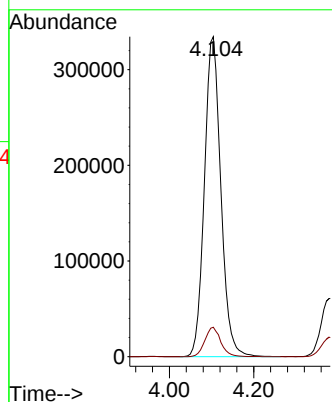
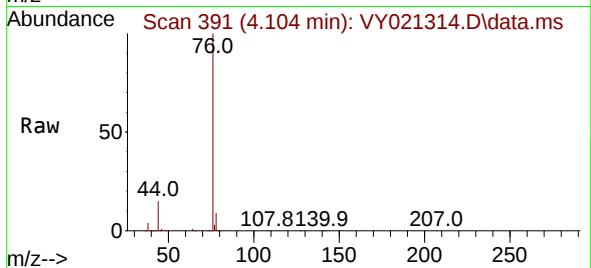




#17
Carbon Disulfide
Concen: 150.676 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

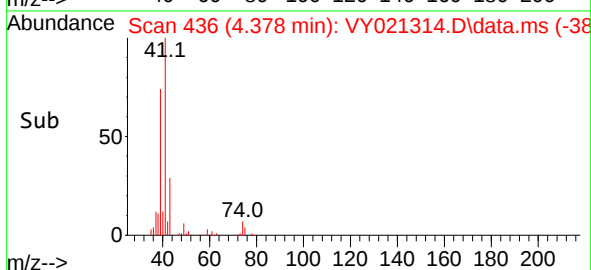
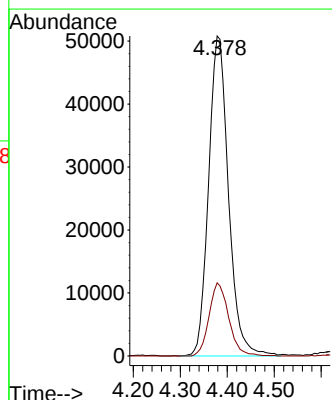
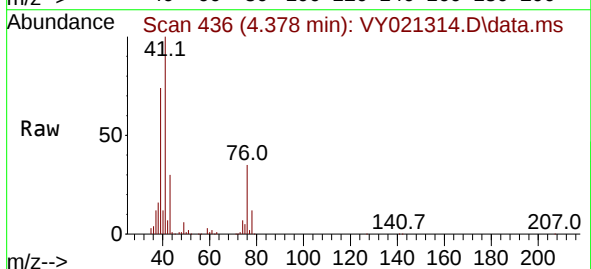
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

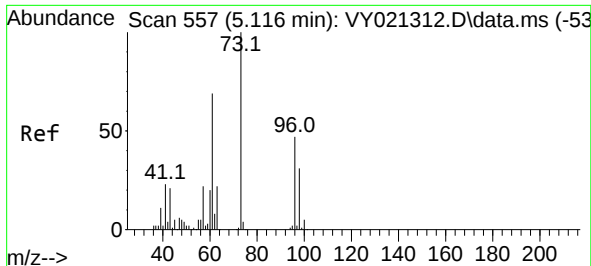
Tgt Ion: 76 Resp: 908476
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 155.496 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 149226
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5

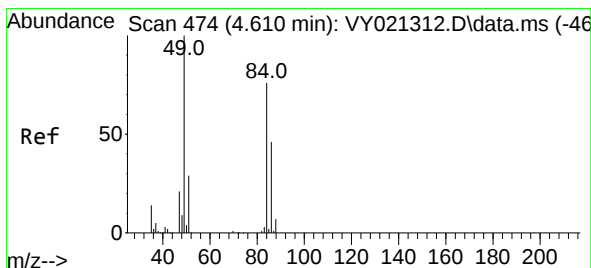
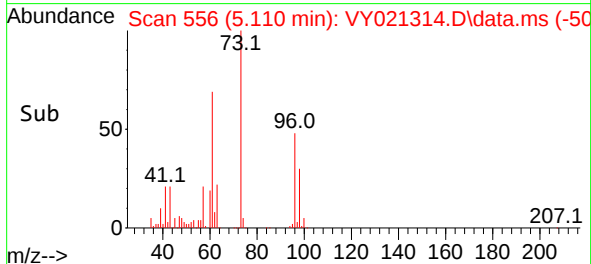
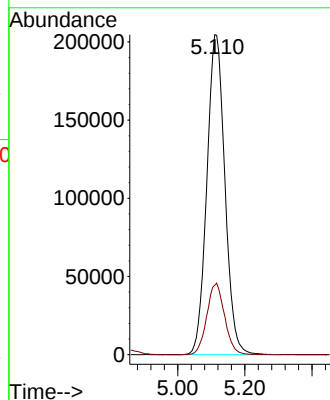
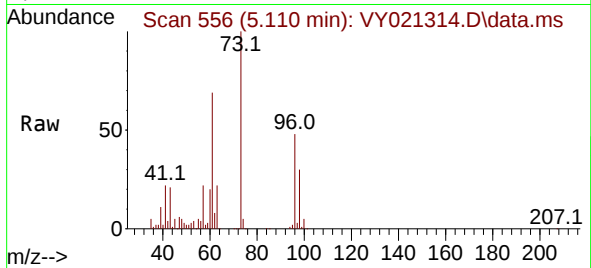




#19
Methyl tert-butyl Ether
Concen: 159.172 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

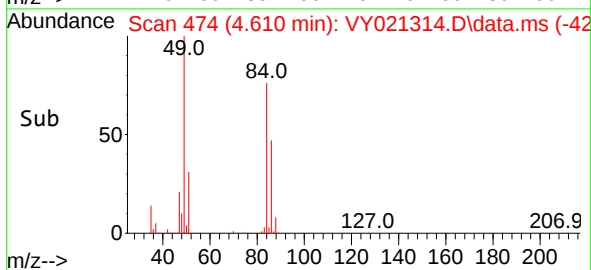
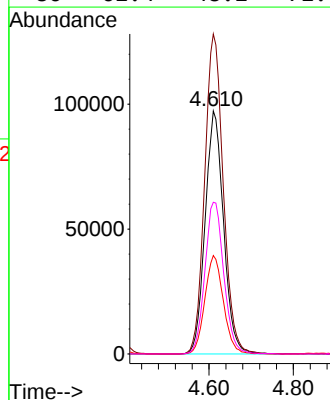
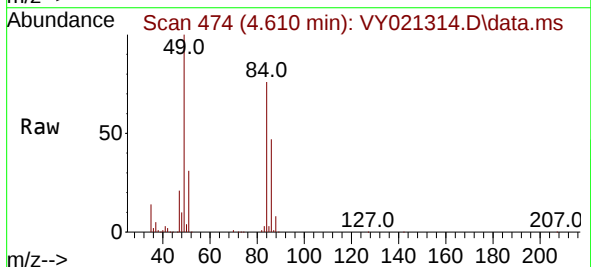
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

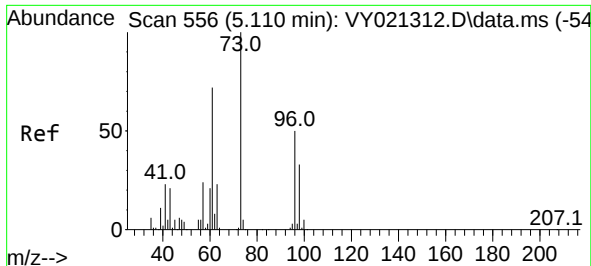
Tgt Ion: 73 Resp: 763596
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 139.409 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 84 Resp: 296032
Ion Ratio Lower Upper
84 100
49 131.6 105.1 157.7
51 40.5 31.0 46.4
86 62.4 48.2 72.4

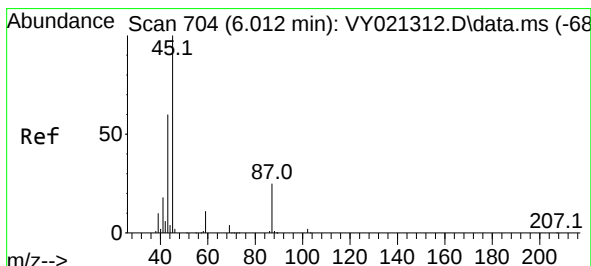
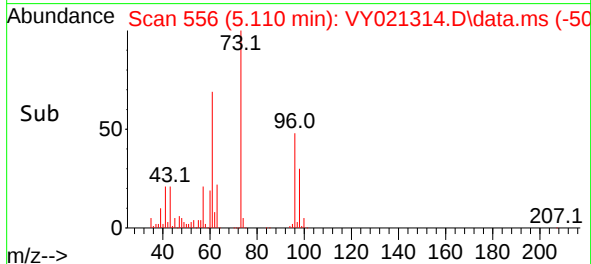
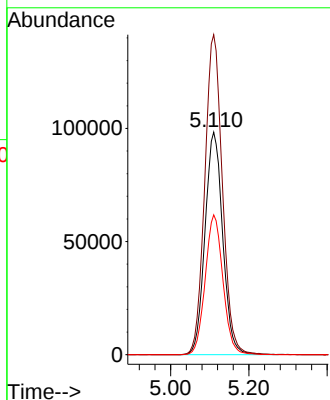
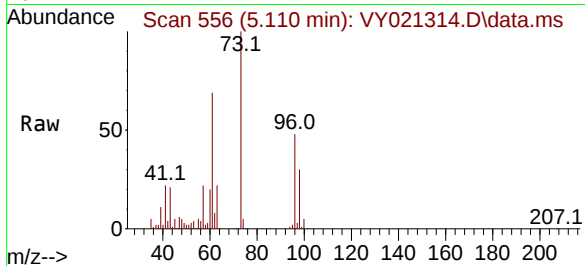




#21
trans-1,2-Dichloroethene
Concen: 154.401 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

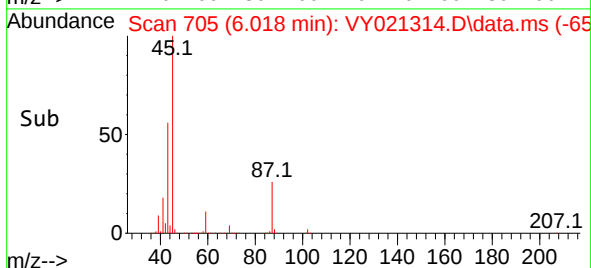
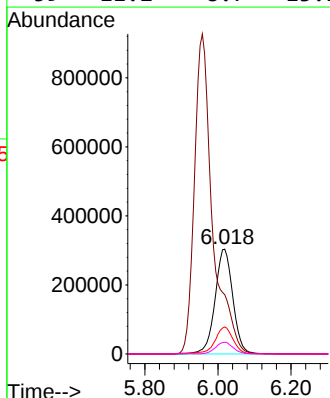
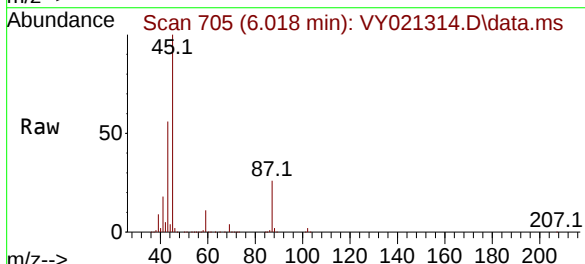
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

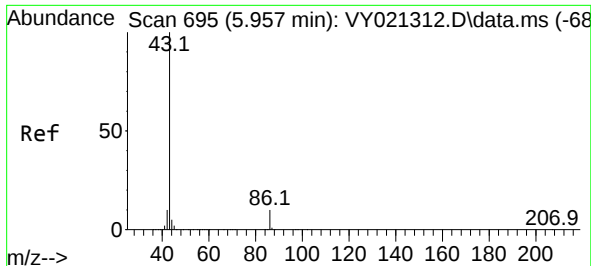
Tgt Ion: 96 Resp: 308627
Ion Ratio Lower Upper
96 100
61 143.8 116.3 174.5
98 62.8 52.6 78.8



#22
Diisopropyl ether
Concen: 154.433 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 45 Resp: 1028788
Ion Ratio Lower Upper
45 100
43 56.2 48.2 72.4
87 25.8 20.3 30.5
59 11.2 8.7 13.1

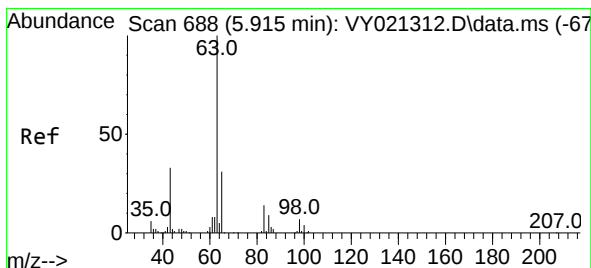
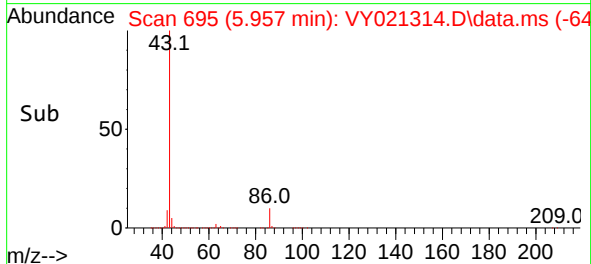
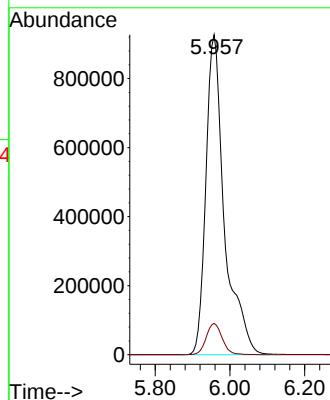
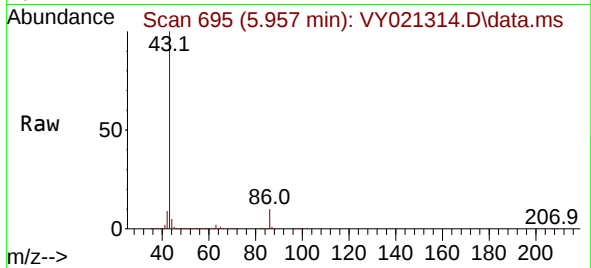




#23
 Vinyl Acetate
 Concen: 801.685 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

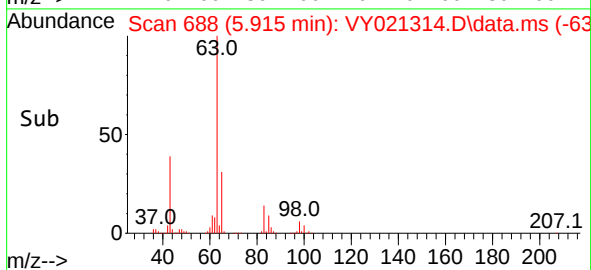
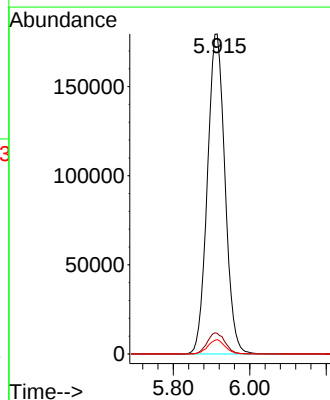
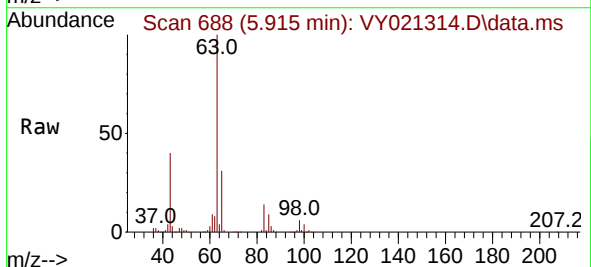
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

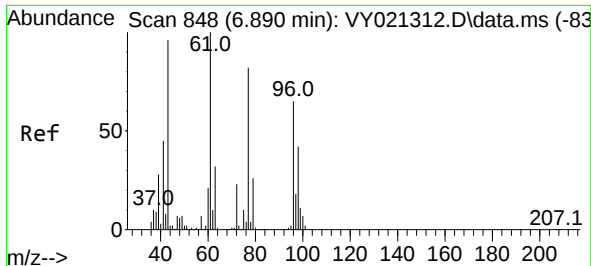
Tgt Ion: 43 Resp: 3191401
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 152.564 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

Tgt Ion: 63 Resp: 572832
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.7 11.1
 100 4.5 2.1 6.5

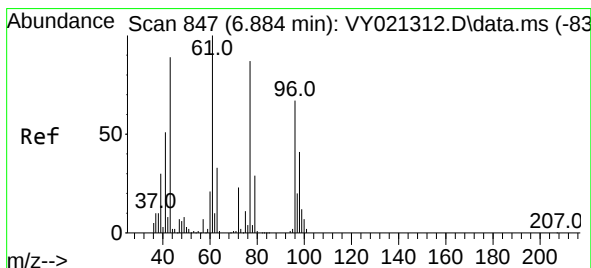
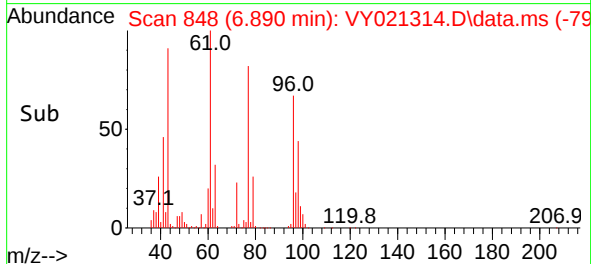
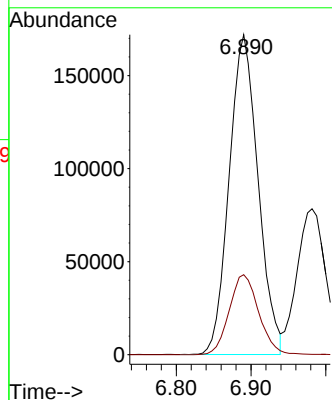
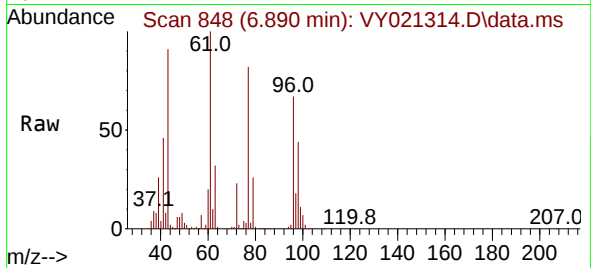




#25
2-Butanone
Concen: 780.449 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

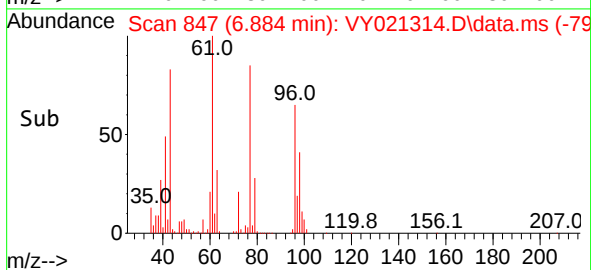
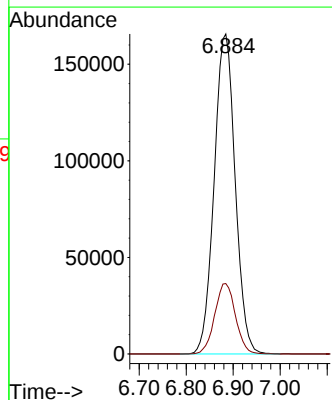
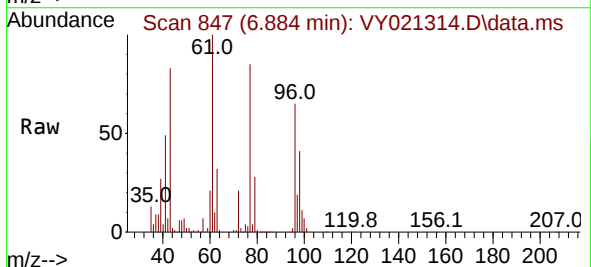
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

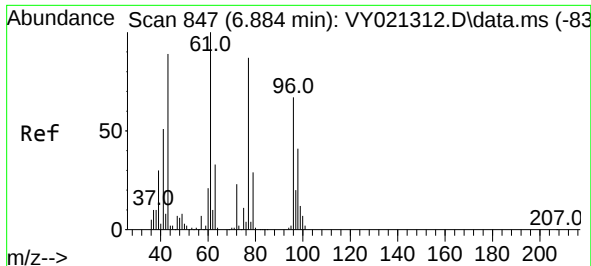
Tgt Ion: 43 Resp: 462541
Ion Ratio Lower Upper
43 100
72 25.0 19.0 28.6



#26
2,2-Dichloropropane
Concen: 151.214 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 77 Resp: 515178
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7



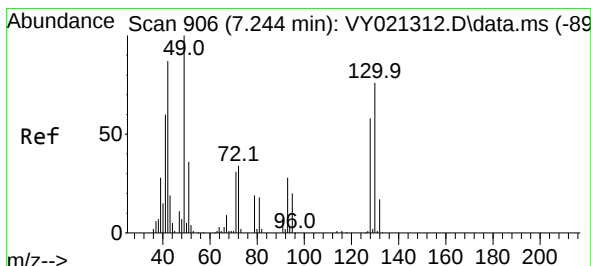
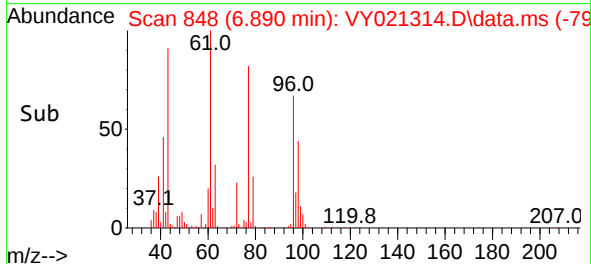
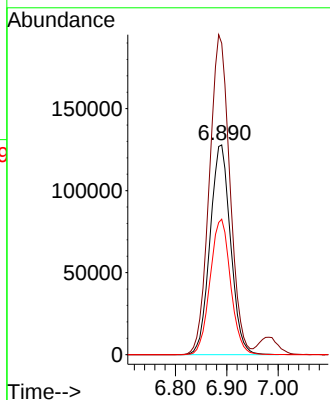
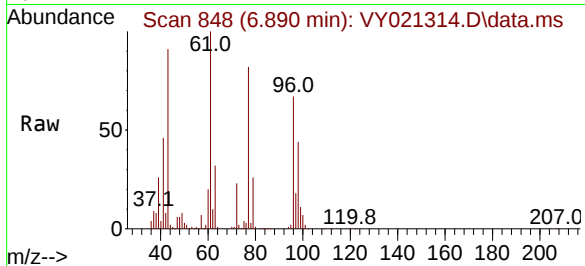


#27
 cis-1,2-Dichloroethene
 Concen: 155.519 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 354979

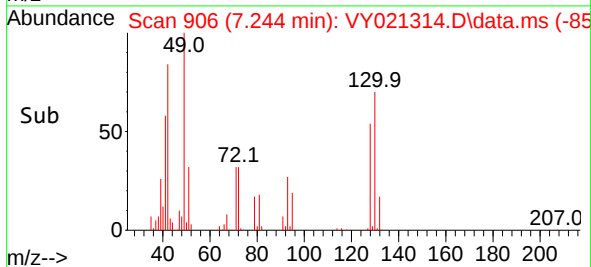
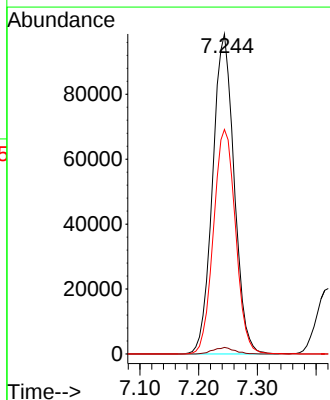
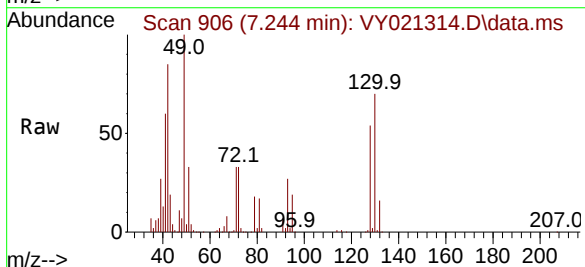
Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	308.0
98	64.4	0.0	129.6

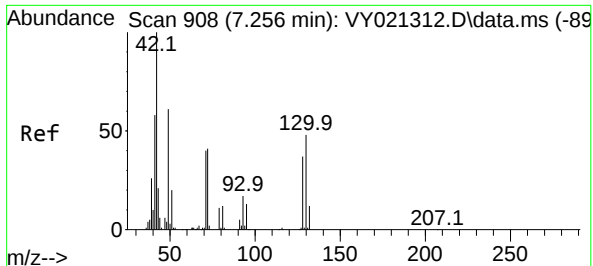


#28
 Bromochloromethane
 Concen: 151.227 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

Tgt Ion: 49 Resp: 251245

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	71.7	57.8	86.6





#29

Tetrahydrofuran

Concen: 797.978 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

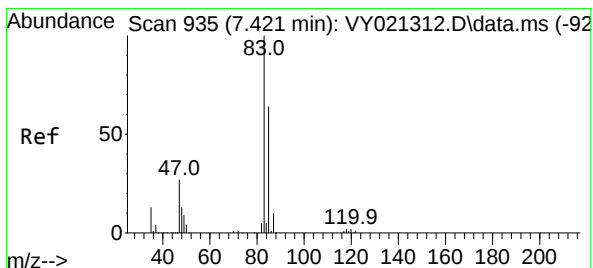
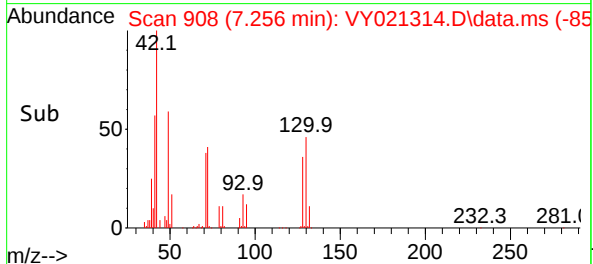
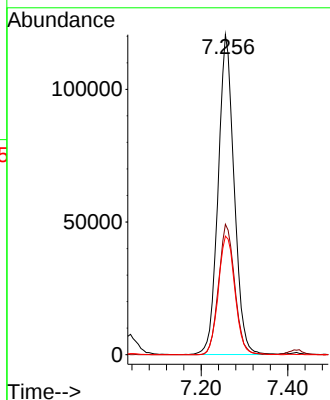
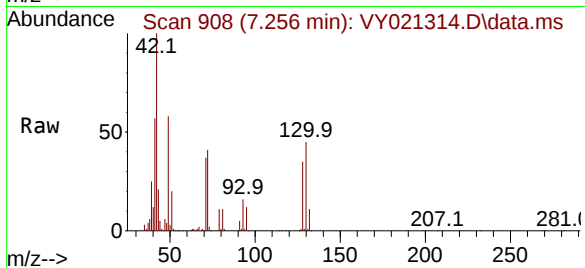
Tgt Ion: 42 Resp: 309130

Ion Ratio Lower Upper

42 100

72 41.2 33.1 49.7

71 38.6 31.4 47.0



#30

Chloroform

Concen: 151.112 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021314.D

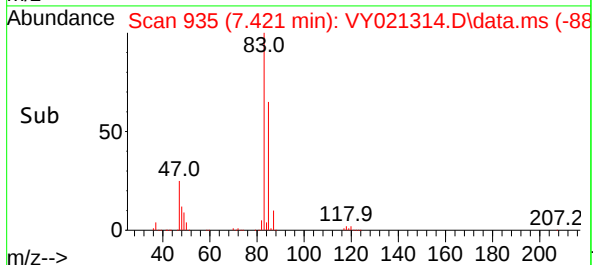
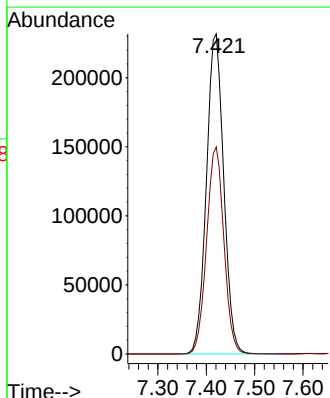
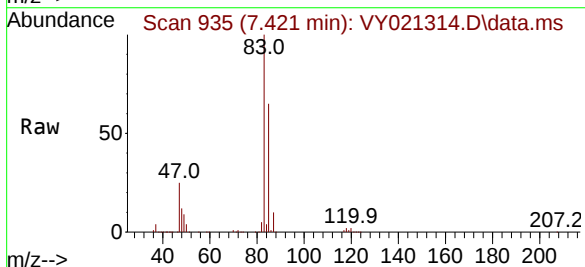
Acq: 25 Feb 2025 15:57

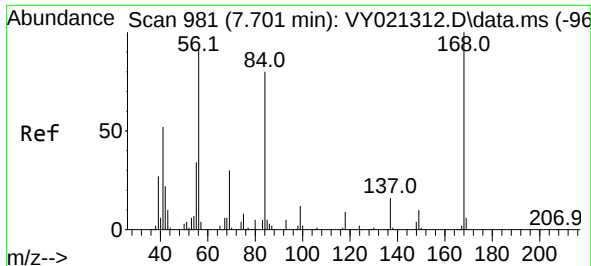
Tgt Ion: 83 Resp: 574920

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

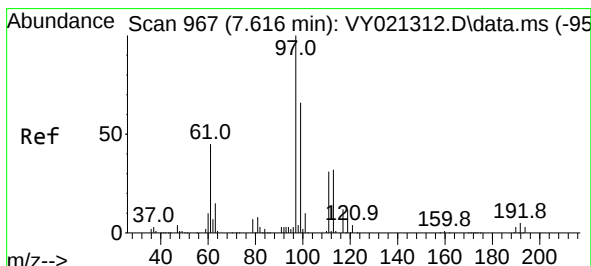
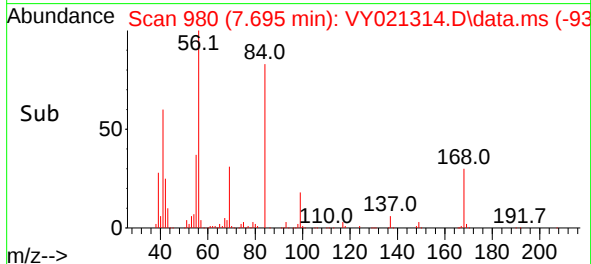
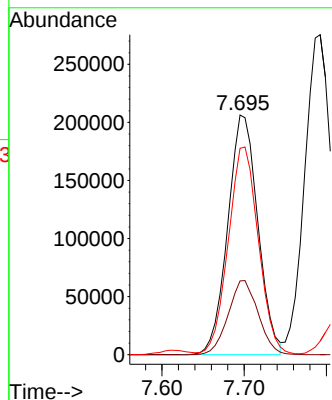
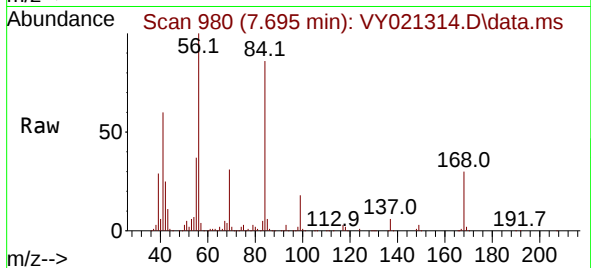




#31
Cyclohexane
Concen: 145.637 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

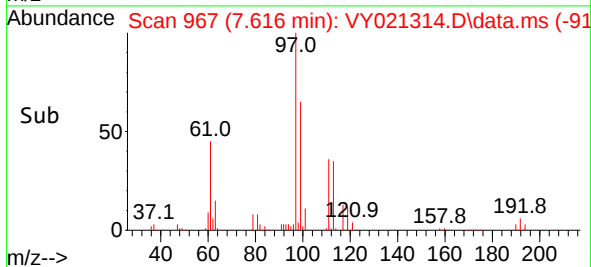
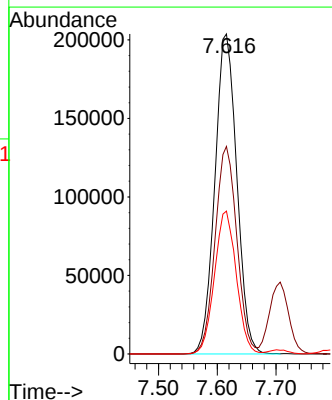
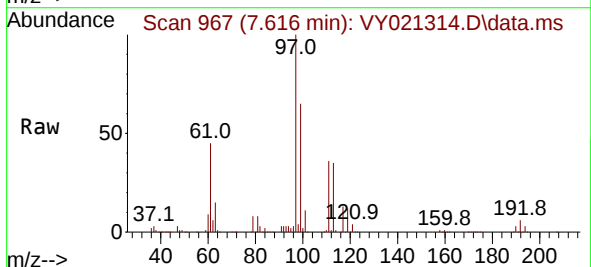
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

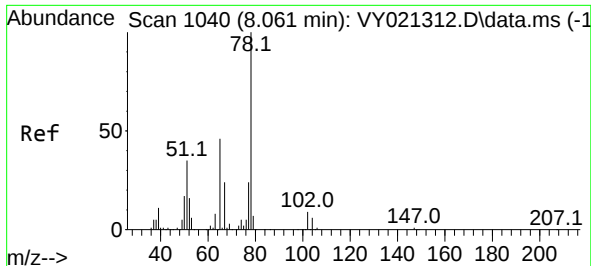
Tgt Ion: 56 Resp: 525636
Ion Ratio Lower Upper
56 100
69 30.8 26.2 39.4
84 84.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 152.986 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 97 Resp: 529792
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 44.4 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 149.582 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

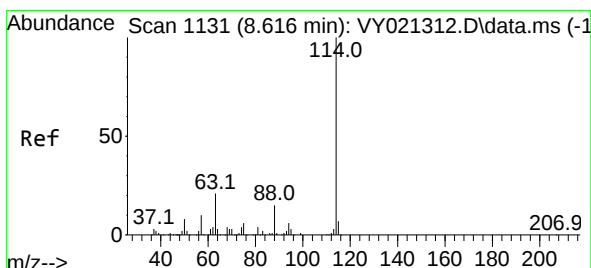
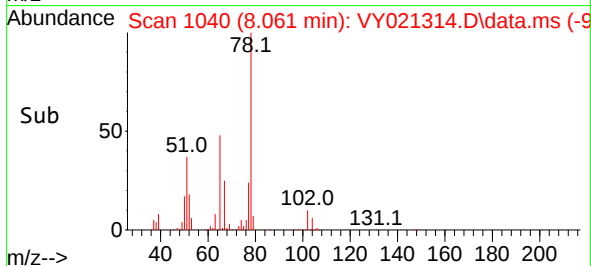
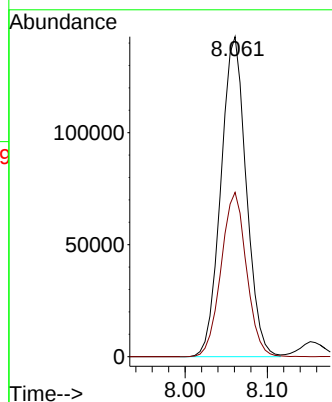
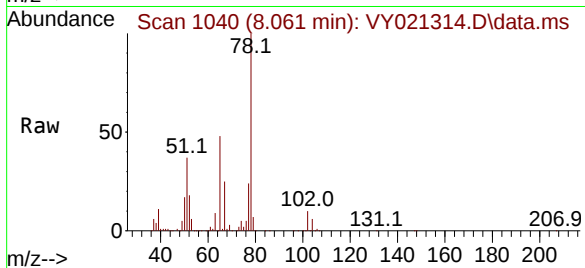
VSTDIC150

Tgt Ion: 65 Resp: 306215

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

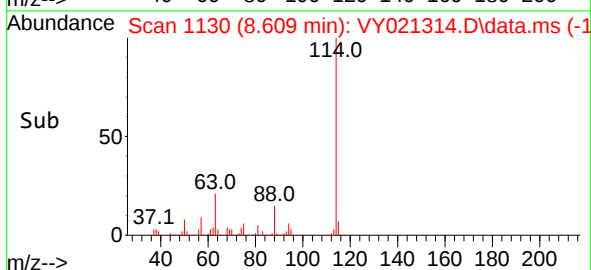
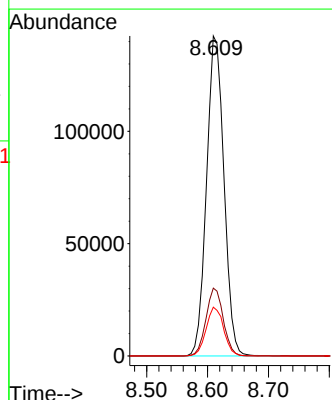
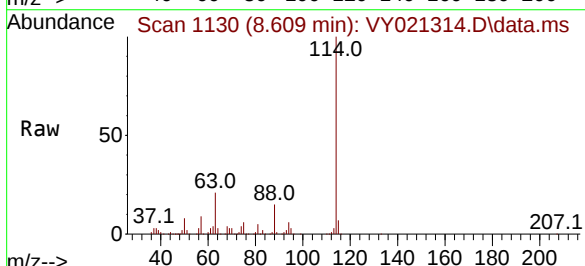
Tgt Ion: 114 Resp: 283003

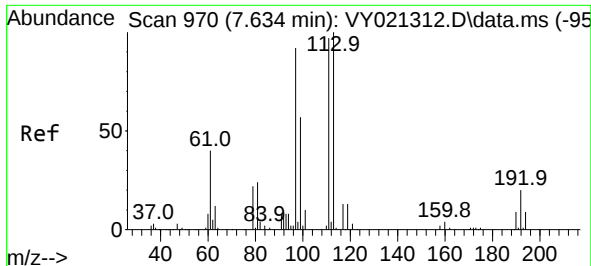
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 15.3 0.0 29.8

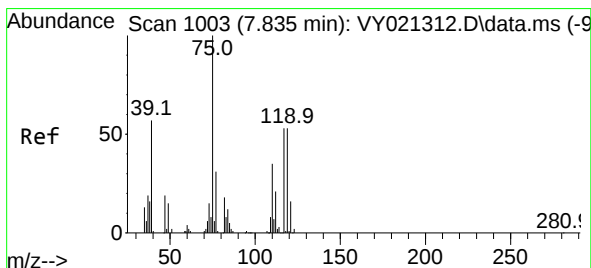
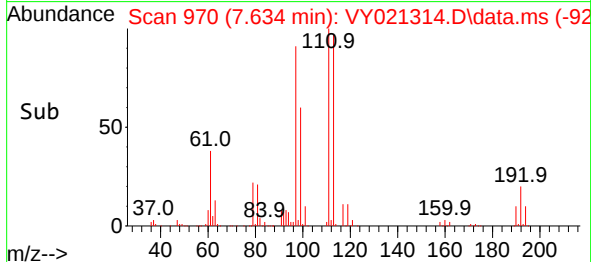
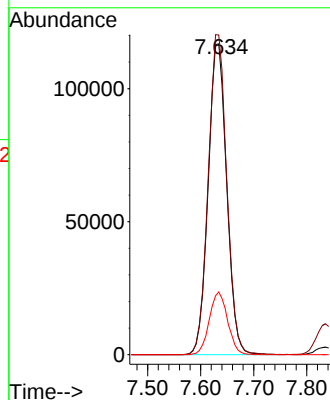
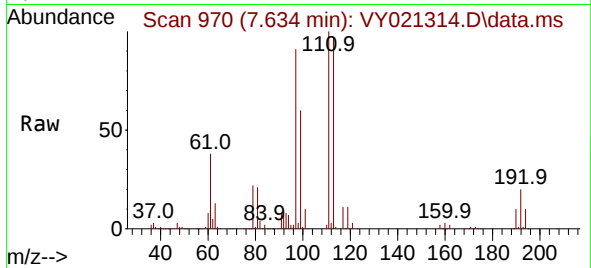




#35
Dibromofluoromethane
Concen: 152.818 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

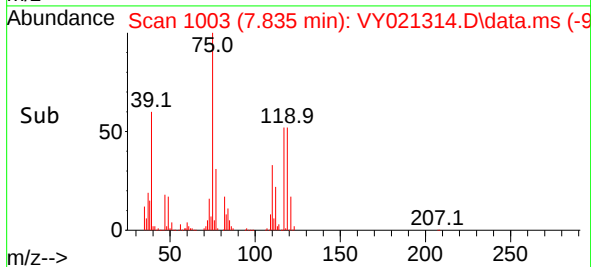
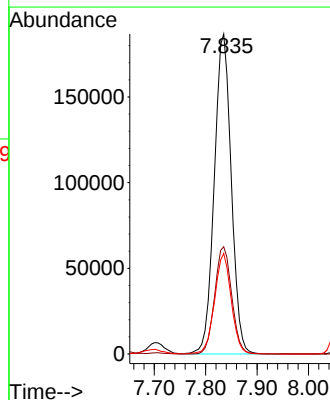
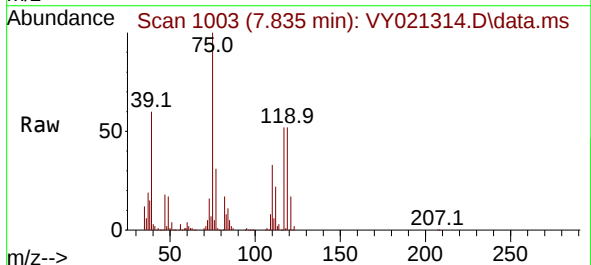
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

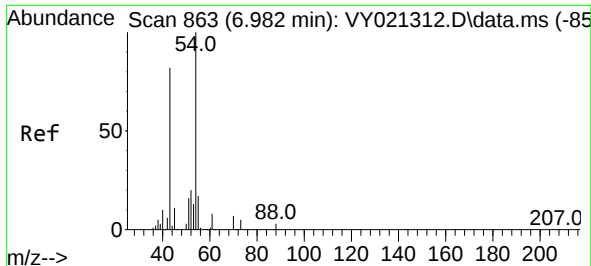
Tgt Ion:113 Resp: 283537
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.6
192 19.9 15.8 23.8



#36
1,1-Dichloropropene
Concen: 153.985 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 429157
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.7
77 30.8 24.6 36.8

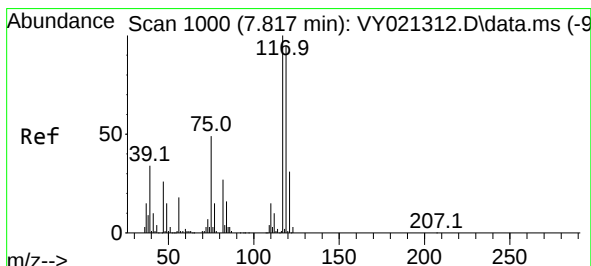
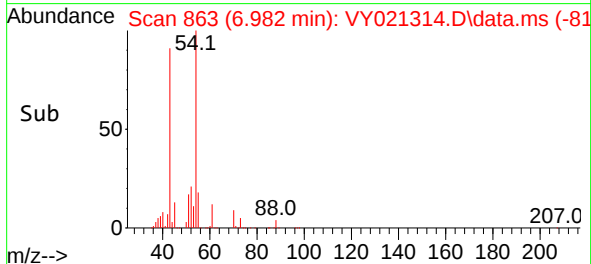
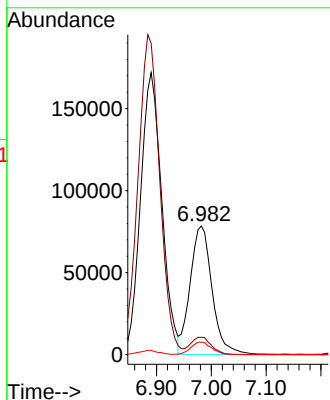
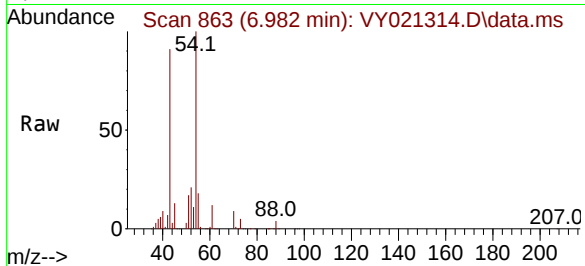




#37
Ethyl Acetate
Concen: 156.470 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

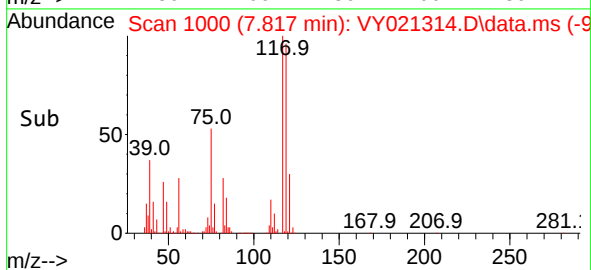
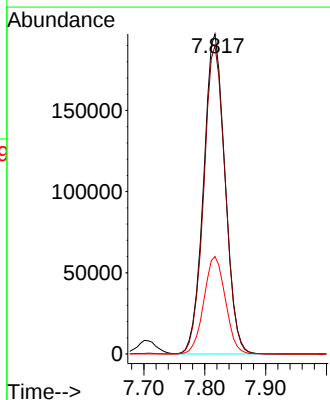
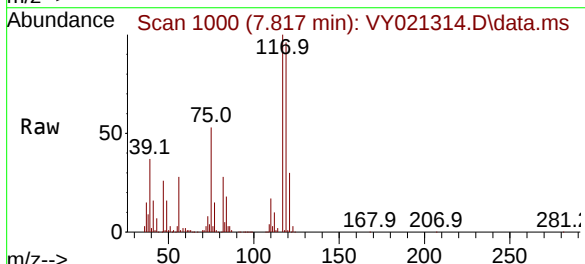
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

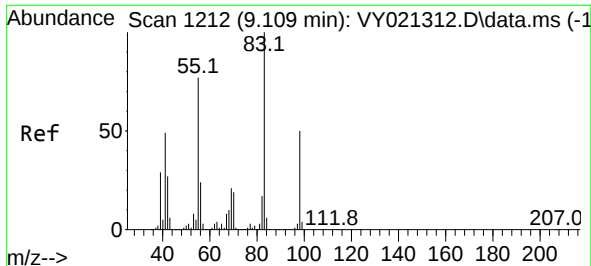
Tgt Ion: 43 Resp: 216920
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 153.764 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 117 Resp: 481774
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0
121 30.5 24.9 37.3





#39

Methylcyclohexane

Concen: 159.752 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

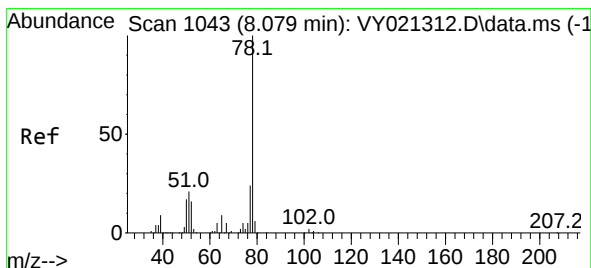
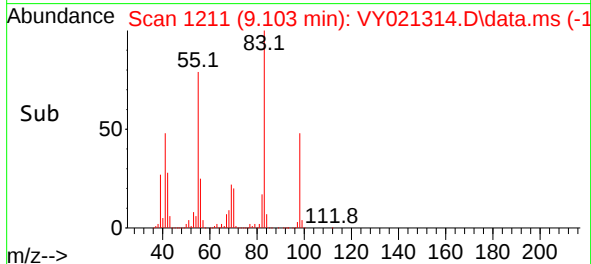
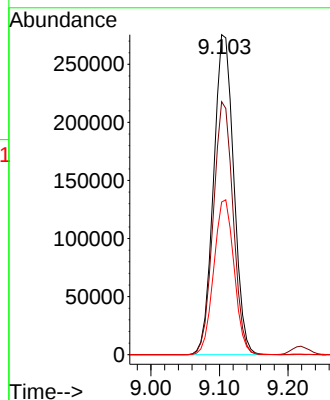
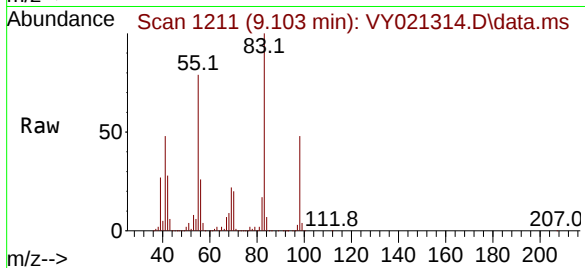
Tgt Ion: 83 Resp: 563132

Ion Ratio Lower Upper

83 100

55 79.0 61.3 91.9

98 47.7 39.9 59.9



#40

Benzene

Concen: 151.673 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021314.D

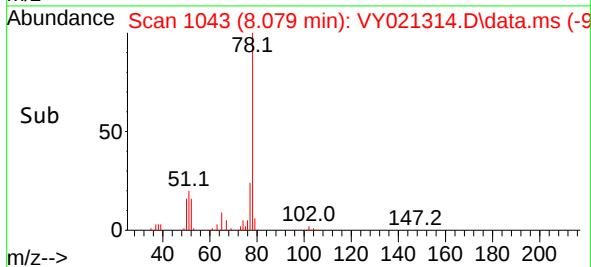
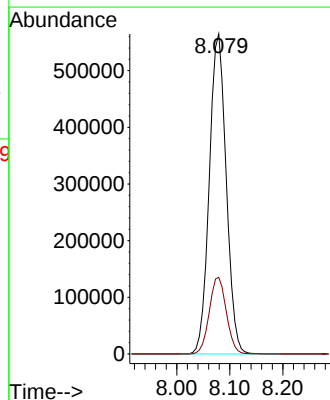
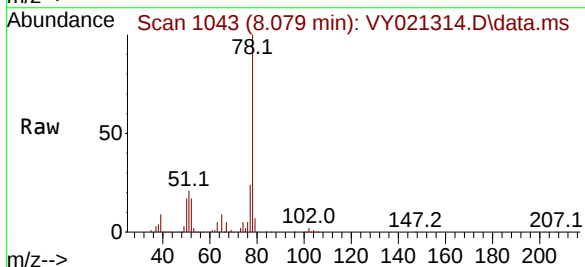
Acq: 25 Feb 2025 15:57

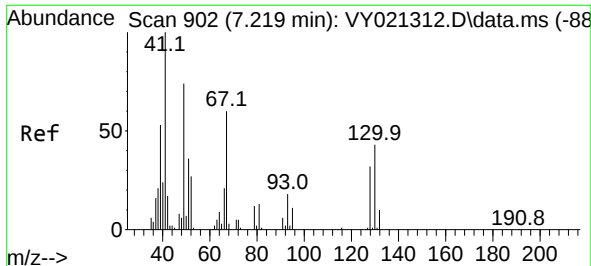
Tgt Ion: 78 Resp: 1249573

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



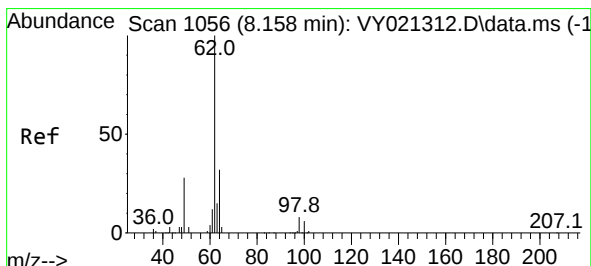
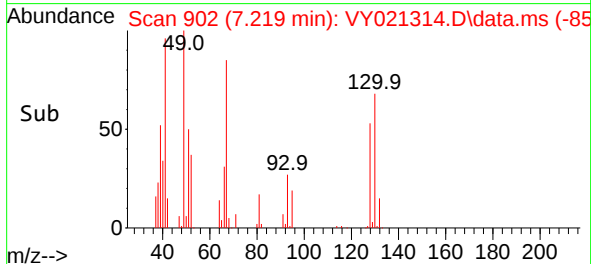
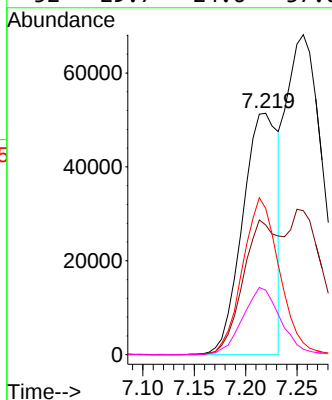
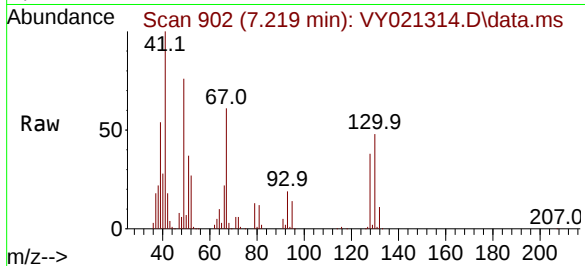


#41
Methacrylonitrile
Concen: 159.542 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 123663

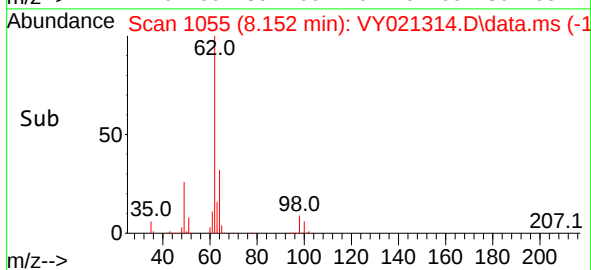
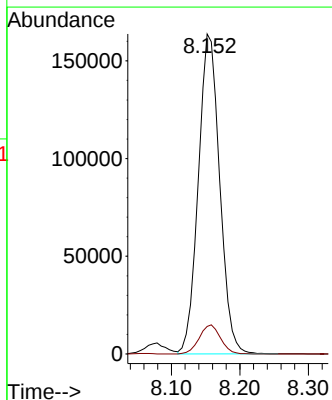
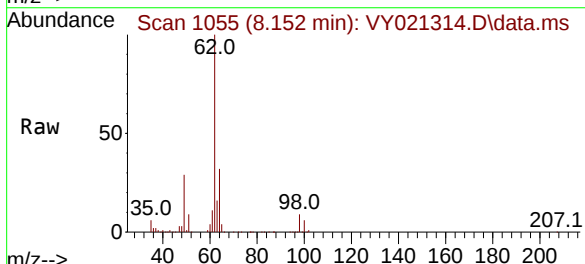
Ion	Ratio	Lower	Upper
41	100		
39	61.3	42.3	63.5
67	67.7	54.8	82.2
52	29.7	24.6	37.0

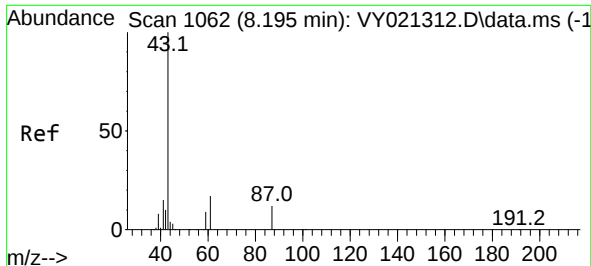


#42
1,2-Dichloroethane
Concen: 152.036 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 62 Resp: 355374

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6

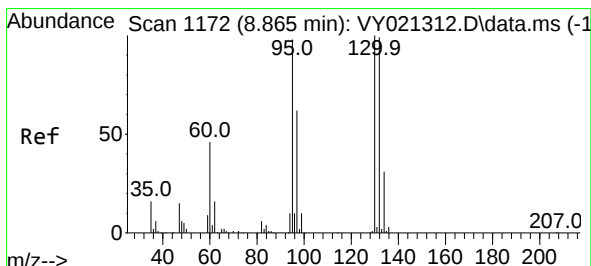
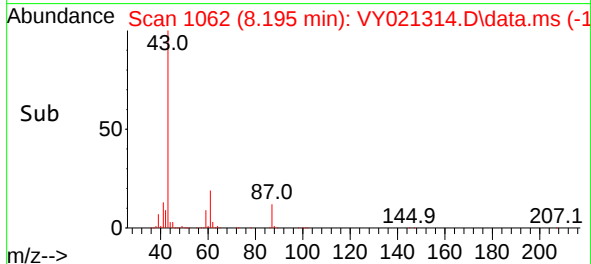
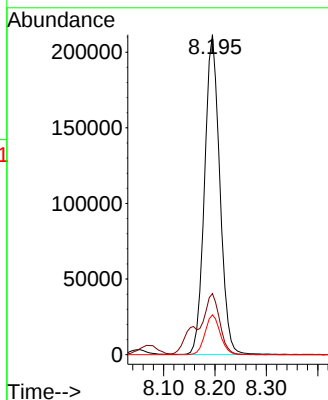
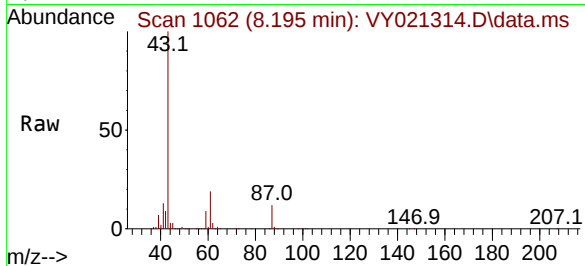




#43
Isopropyl Acetate
Concen: 161.641 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

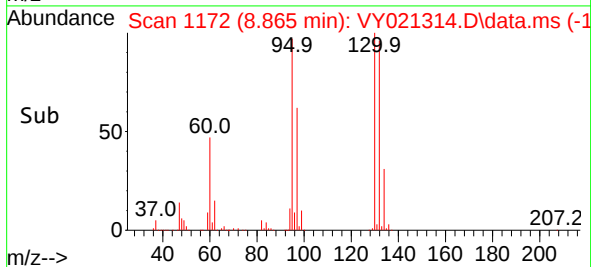
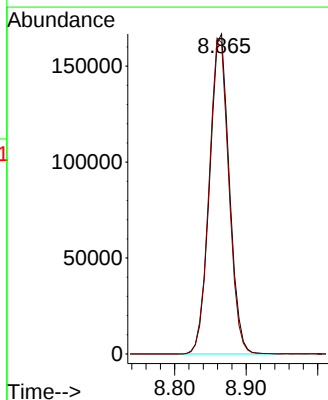
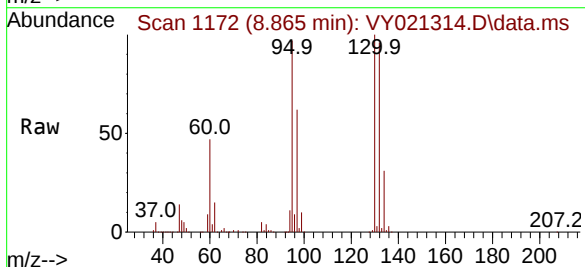
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

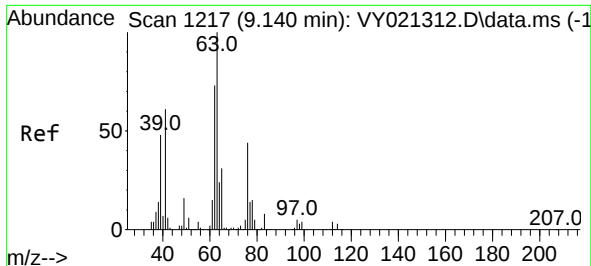
Tgt Ion: 43 Resp: 433742
Ion Ratio Lower Upper
43 100
61 20.1 15.0 22.6
87 12.4 10.0 15.0



#44
Trichloroethene
Concen: 154.457 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:130 Resp: 318590
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 152.809 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

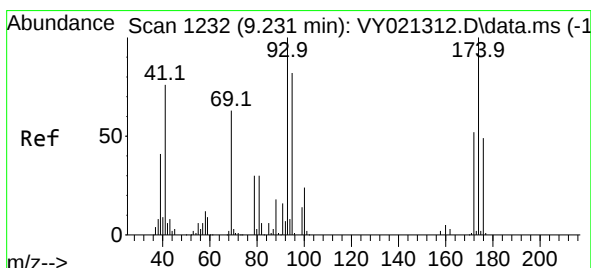
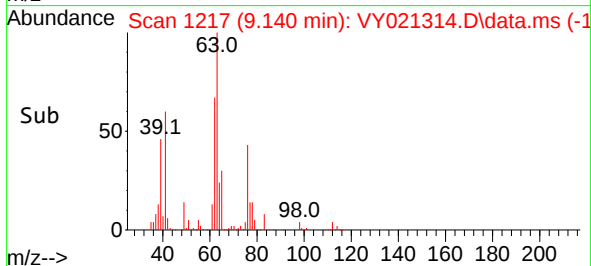
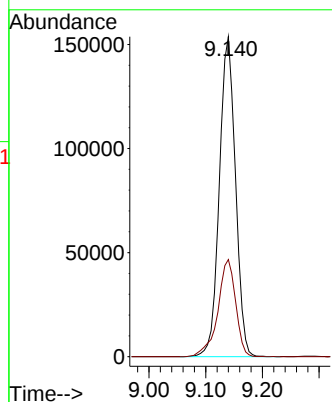
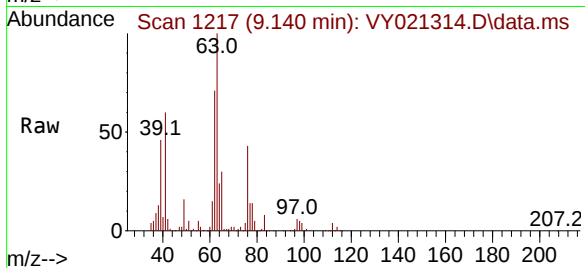
VSTDIC150

Tgt Ion: 63 Resp: 302967

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 155.620 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

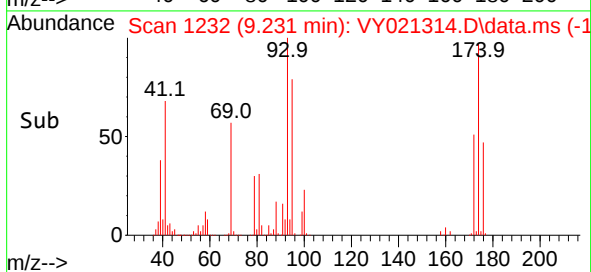
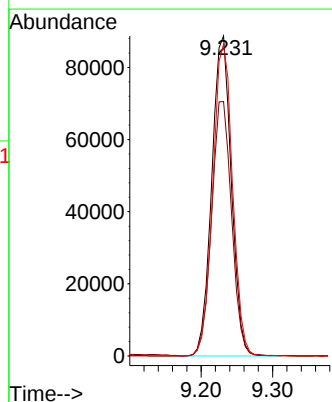
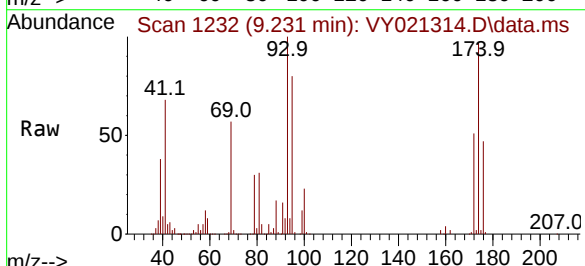
Tgt Ion: 93 Resp: 168654

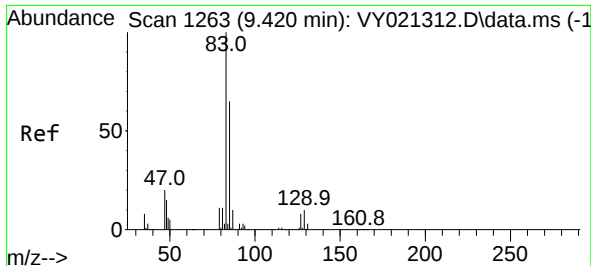
Ion Ratio Lower Upper

93 100

95 81.2 66.4 99.6

174 98.2 78.2 117.2

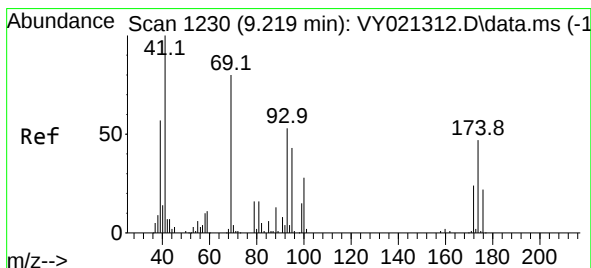
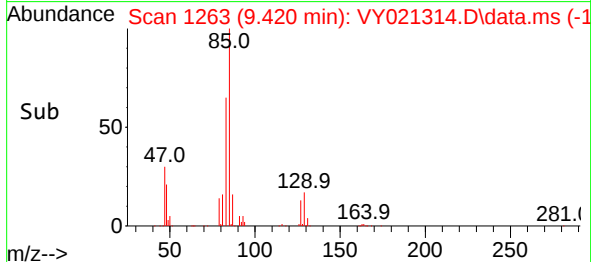
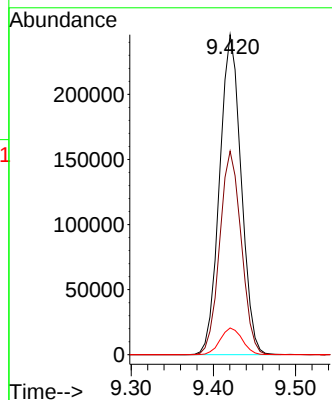
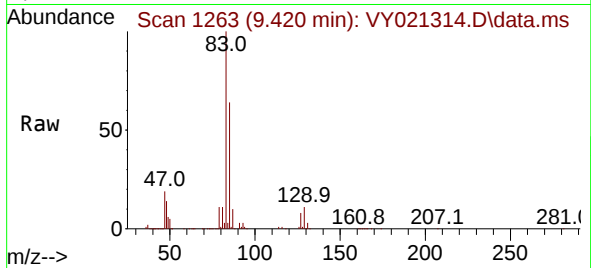




#47
Bromodichloromethane
Concen: 155.172 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

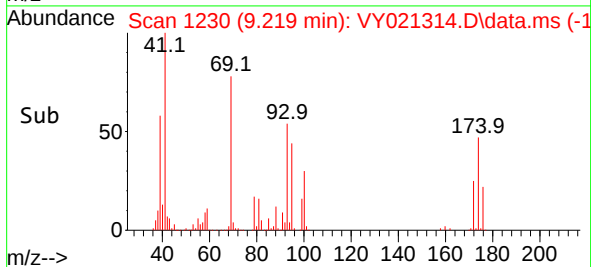
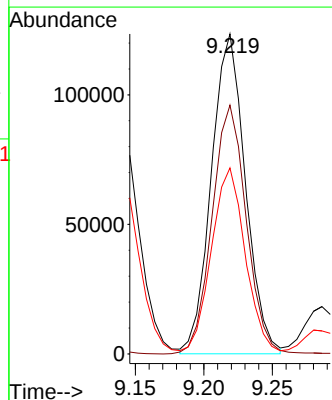
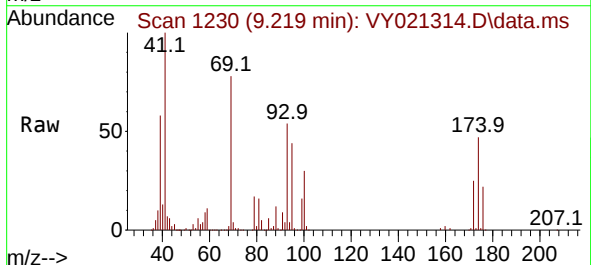
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

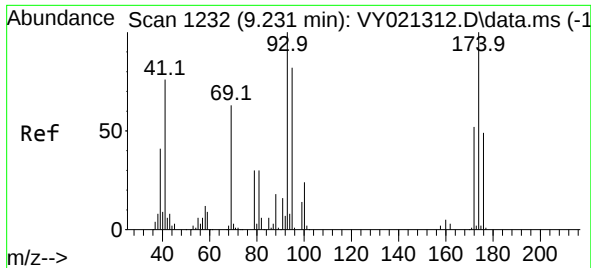
Tgt Ion: 83 Resp: 448398
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 169.923 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 41 Resp: 213222
Ion Ratio Lower Upper
41 100
69 78.4 63.3 94.9
39 56.2 45.0 67.6





#49

1,4-Dioxane

Concen: 3165.209 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

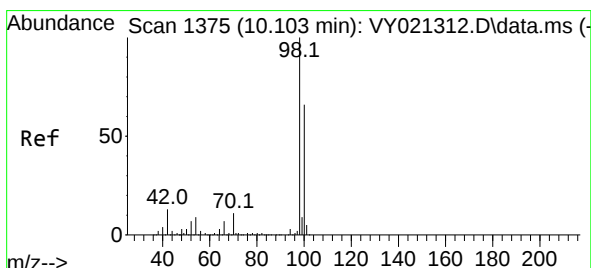
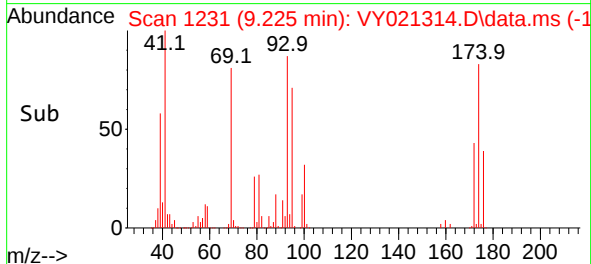
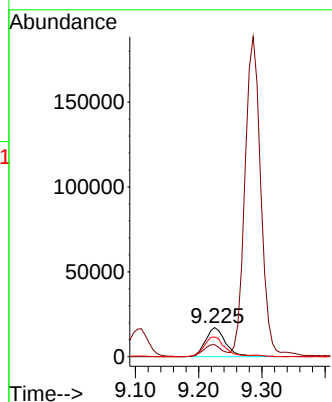
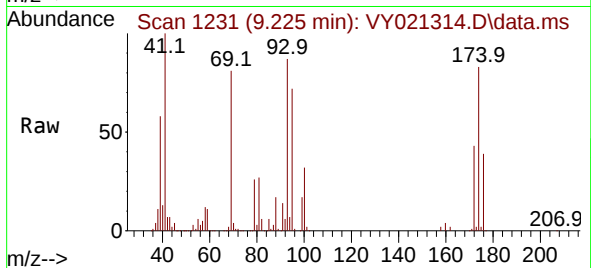
Tgt Ion: 88 Resp: 38142

Ion Ratio Lower Upper

88 100

43 38.4 34.8 52.2

58 68.6 59.8 89.6



#50

Toluene-d8

Concen: 152.682 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021314.D

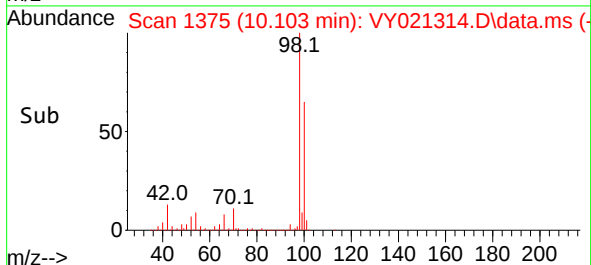
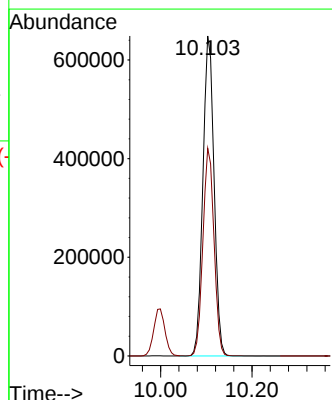
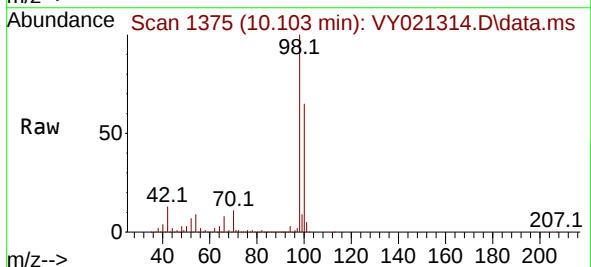
Acq: 25 Feb 2025 15:57

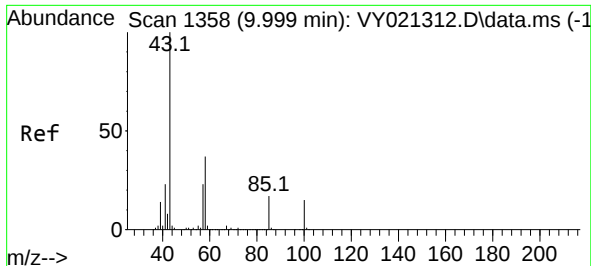
Tgt Ion: 98 Resp: 1094820

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6

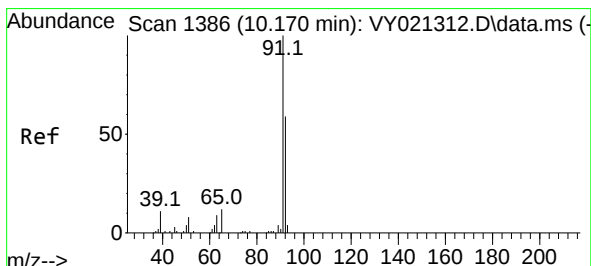
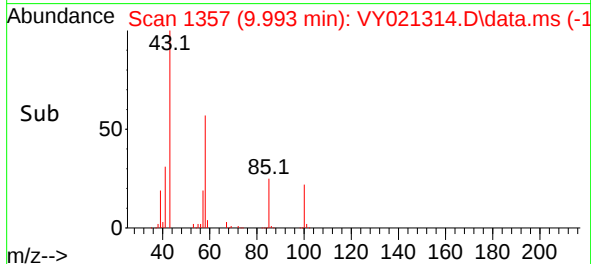
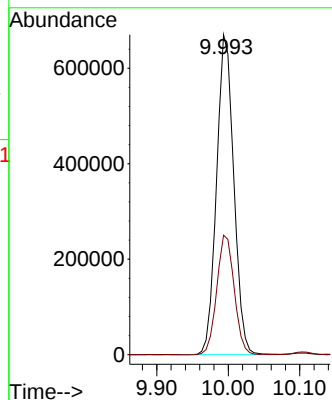
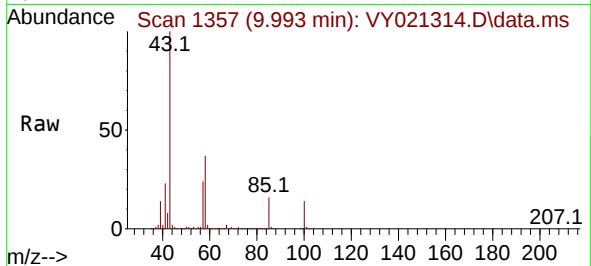




#51
4-Methyl-2-Pentanone
Concen: 816.471 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

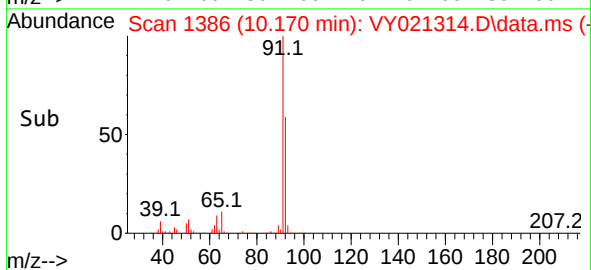
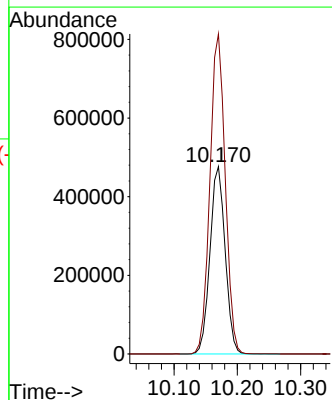
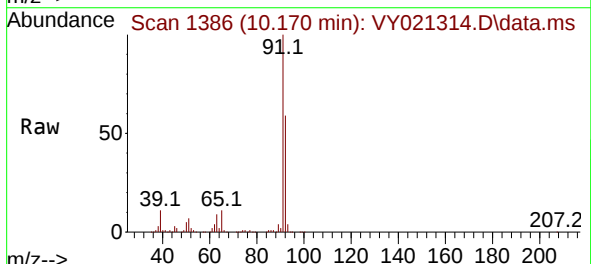
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

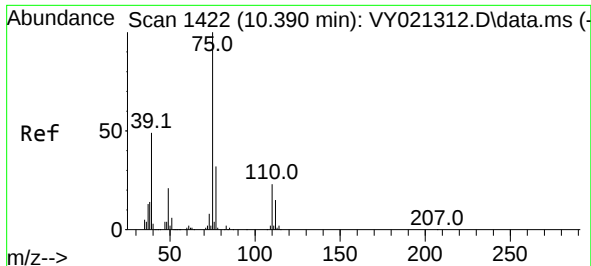
Tgt Ion: 43 Resp: 1121500
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1



#52
Toluene
Concen: 155.232 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 92 Resp: 794485
Ion Ratio Lower Upper
92 100
91 172.2 137.8 206.8

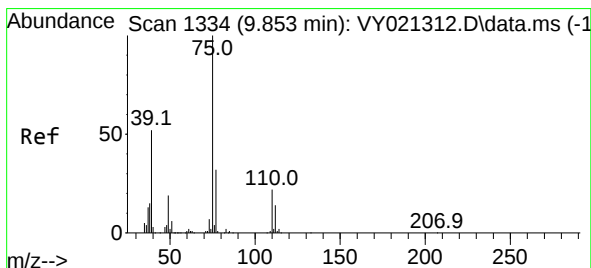
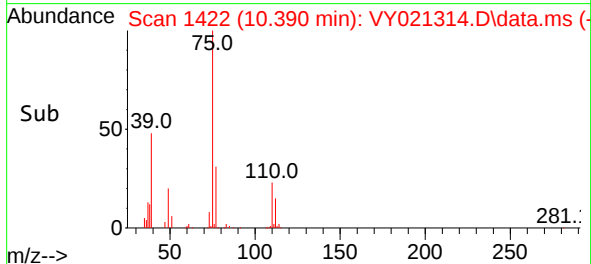
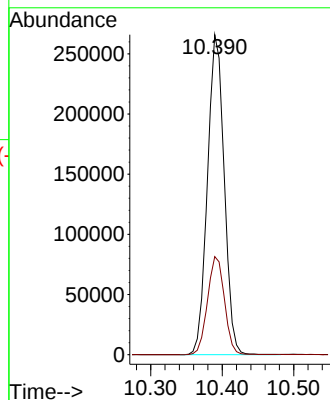
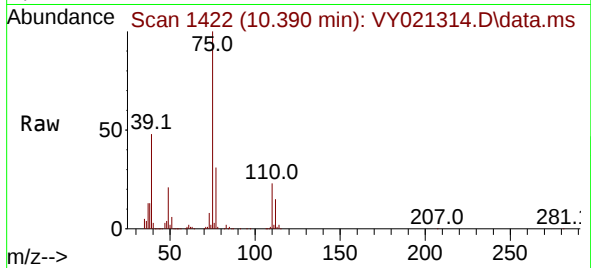




#53
t-1,3-Dichloropropene
Concen: 163.384 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

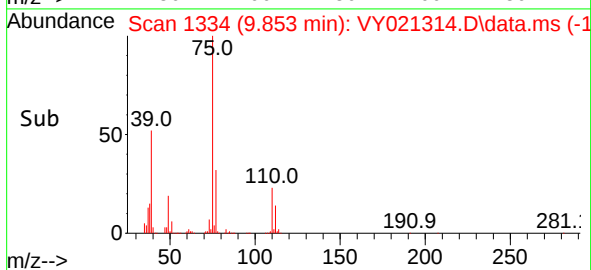
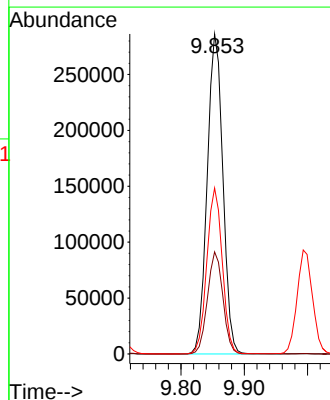
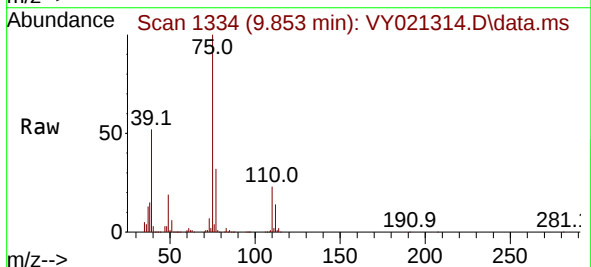
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

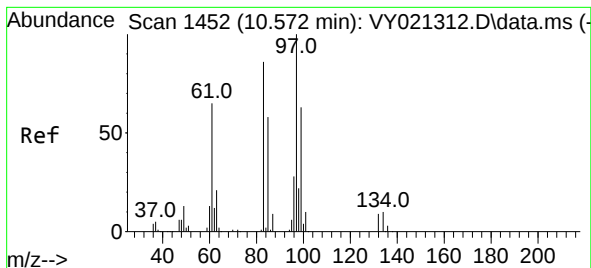
Tgt Ion: 75 Resp: 432560
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 157.928 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 493601
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 51.8 41.8 62.6



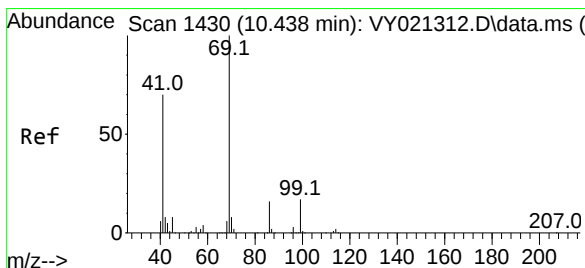
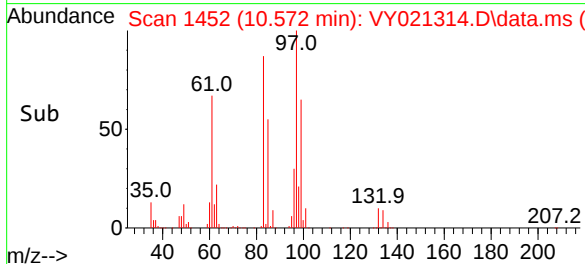
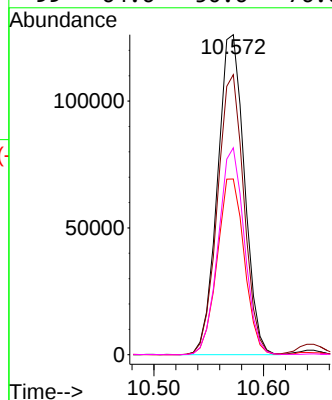
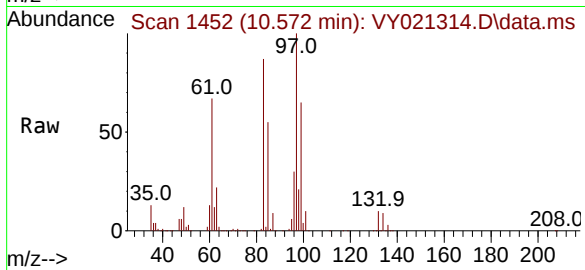


#55
1,1,2-Trichloroethane
Concen: 152.506 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 215312

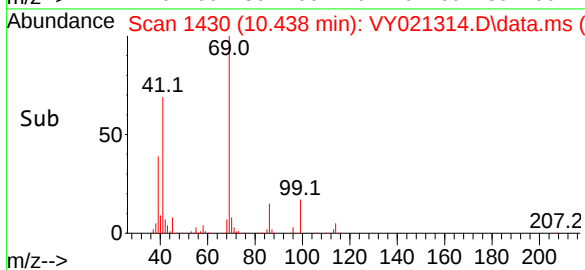
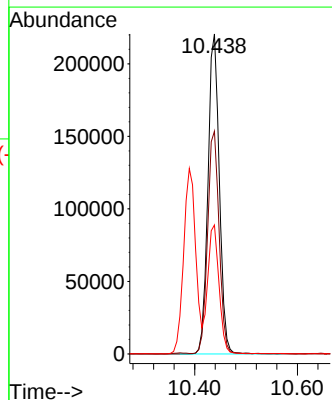
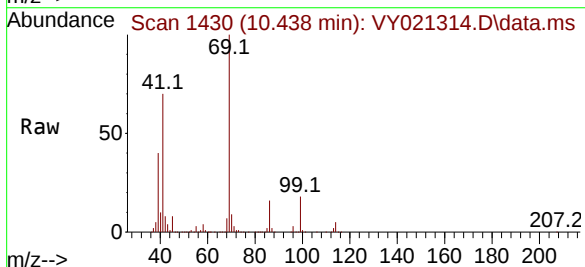
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.7	103.1
85	54.8	46.3	69.5
99	64.6	50.6	76.0

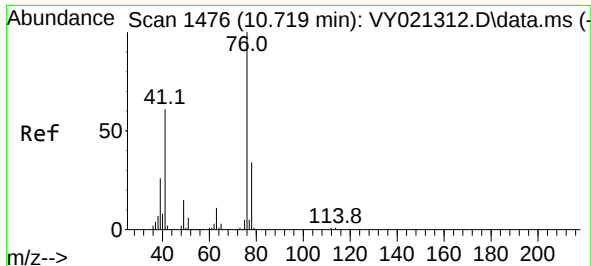


#56
Ethyl methacrylate
Concen: 173.168 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 69 Resp: 337816

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	40.0	32.7	49.1





#57

1,3-Dichloropropane

Concen: 155.726 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

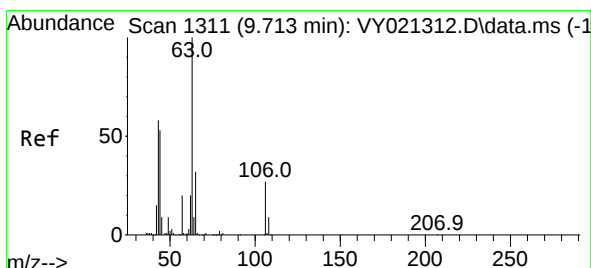
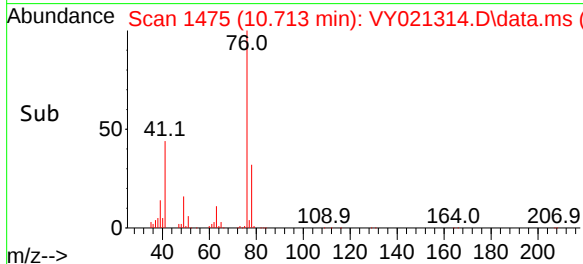
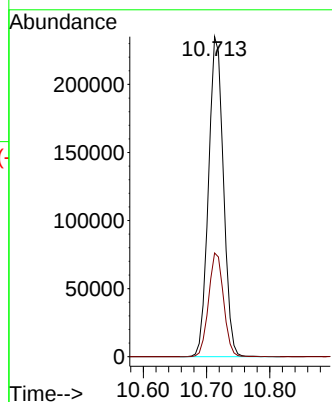
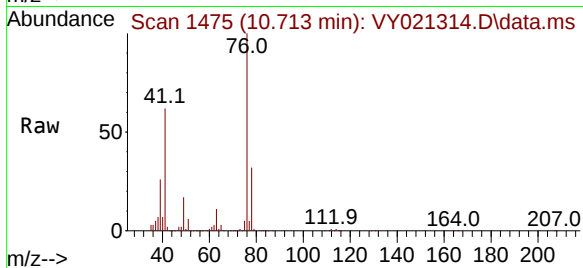
VSTDIC150

Tgt Ion: 76 Resp: 385803

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 812.859 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021314.D

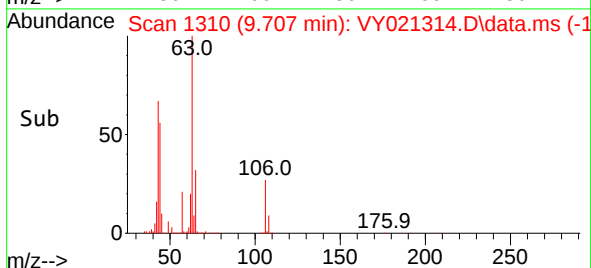
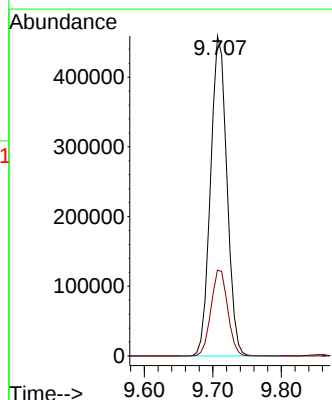
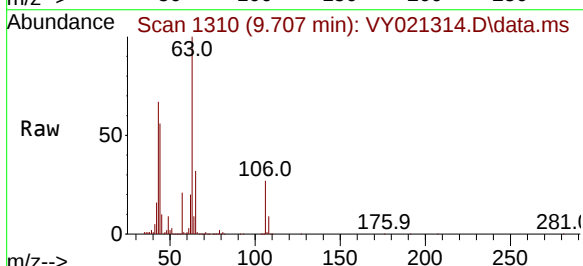
Acq: 25 Feb 2025 15:57

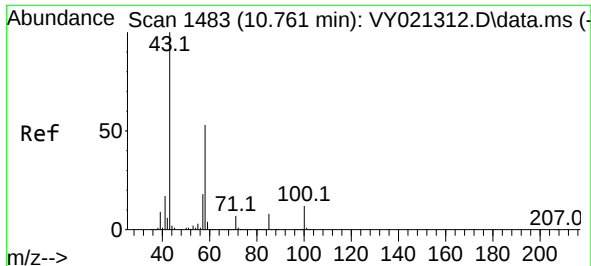
Tgt Ion: 63 Resp: 761125

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5

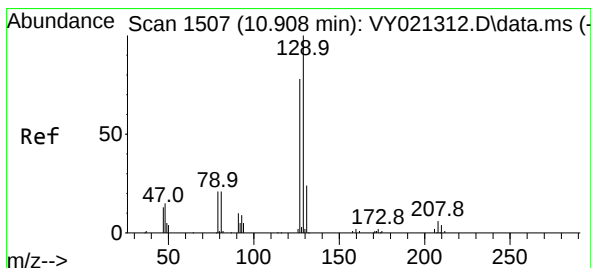
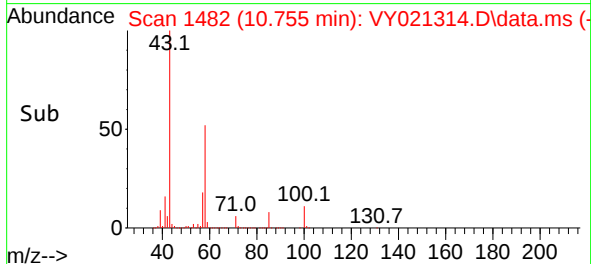
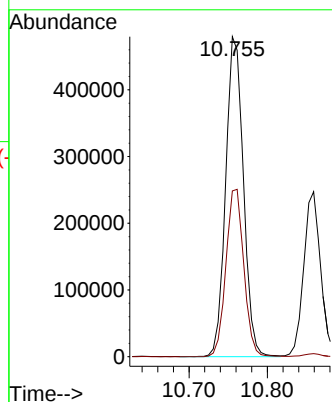
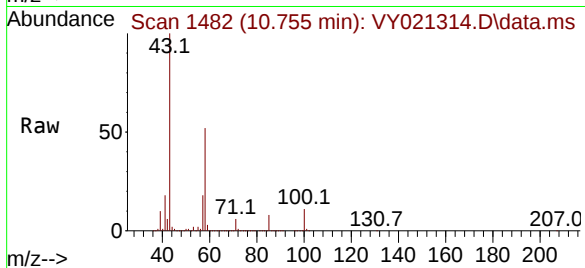




#59
2-Hexanone
Concen: 836.458 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

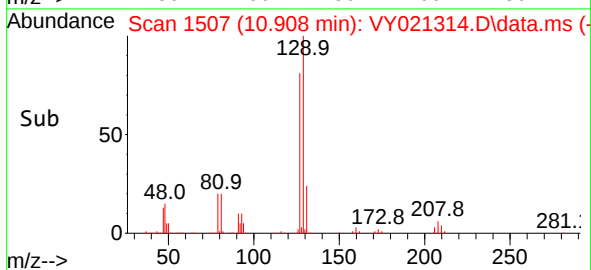
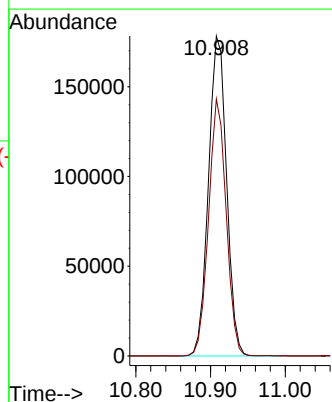
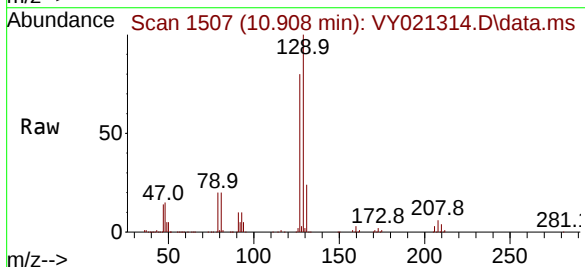
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

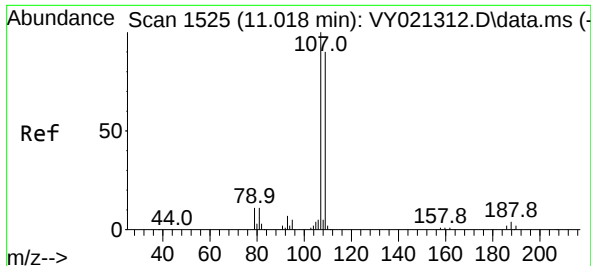
Tgt Ion: 43 Resp: 754575
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.6



#60
Dibromochloromethane
Concen: 155.598 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 129 Resp: 299188
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4

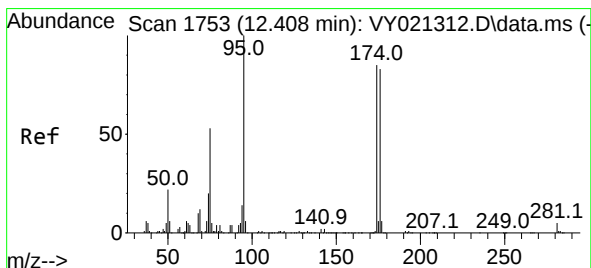
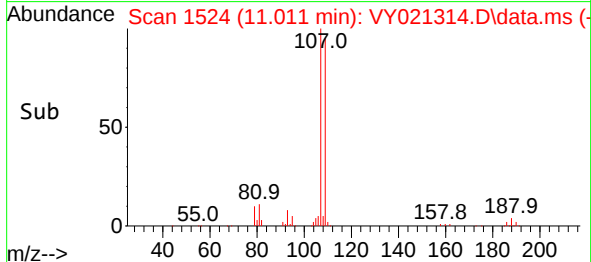
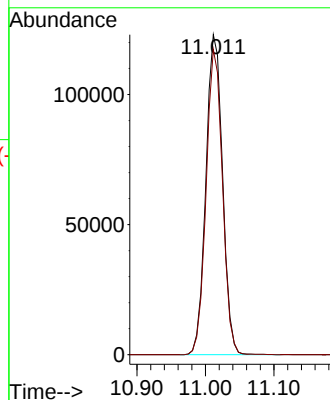
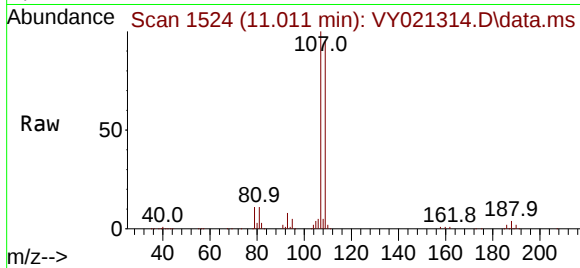




#61
1,2-Dibromoethane
Concen: 155.651 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

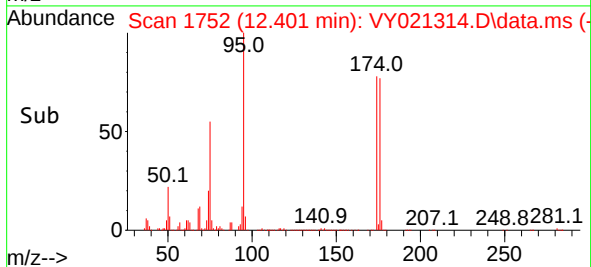
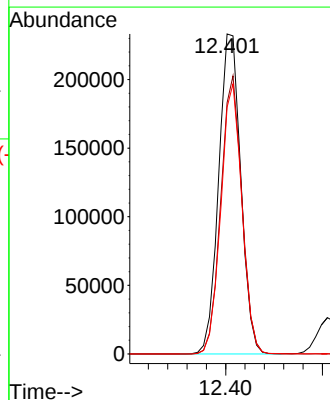
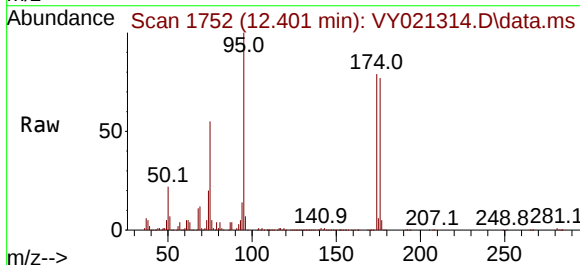
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

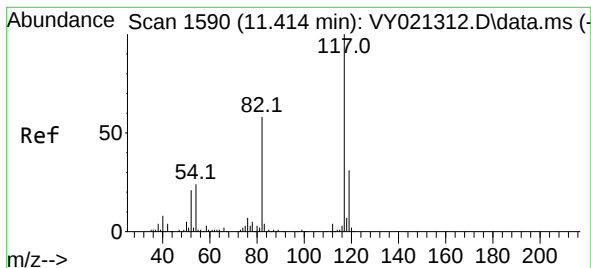
Tgt Ion:107 Resp: 208046
Ion Ratio Lower Upper
107 100
109 93.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 152.937 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 95 Resp: 369071
Ion Ratio Lower Upper
95 100
174 82.9 0.0 168.0
176 80.5 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

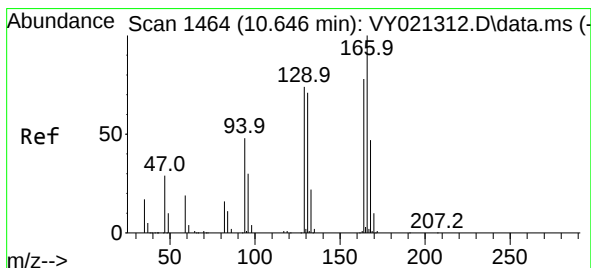
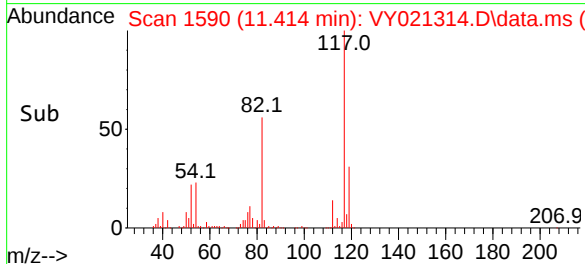
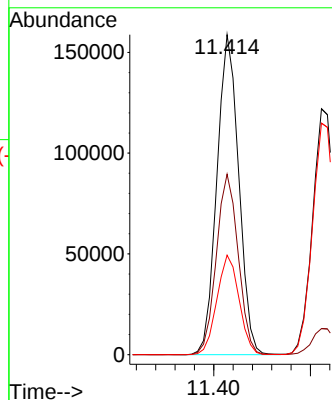
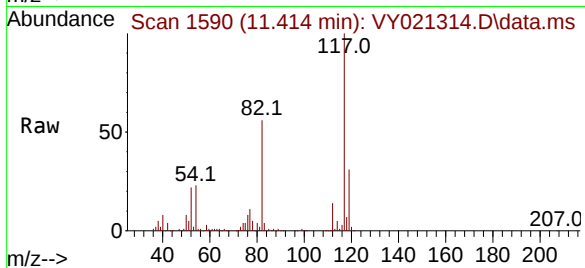
Tgt Ion:117 Resp: 248493

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 31.1 24.9 37.3



#64

Tetrachloroethene

Concen: 153.351 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Tgt Ion:164 Resp: 288026

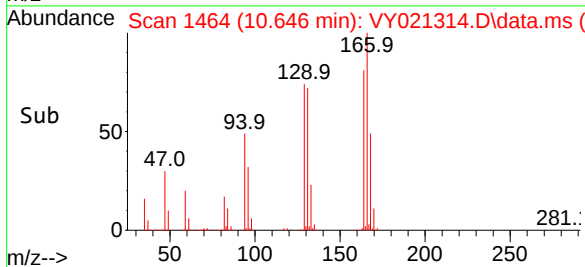
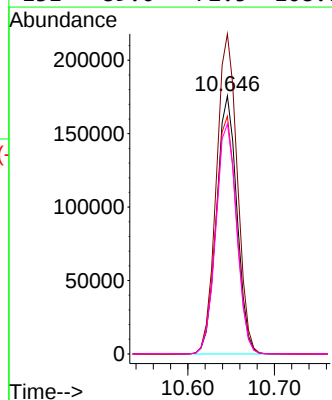
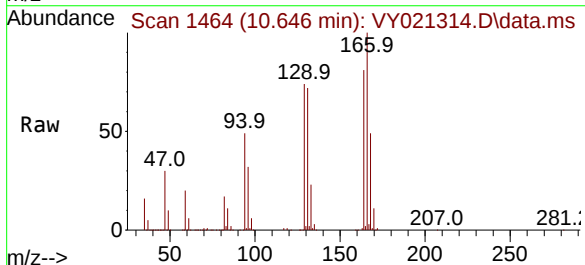
Ion Ratio Lower Upper

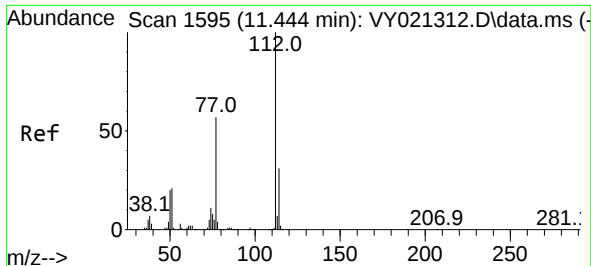
164 100

166 124.0 101.9 152.9

129 92.1 75.5 113.3

131 89.0 72.5 108.7

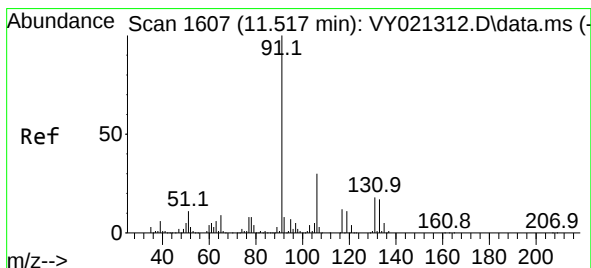
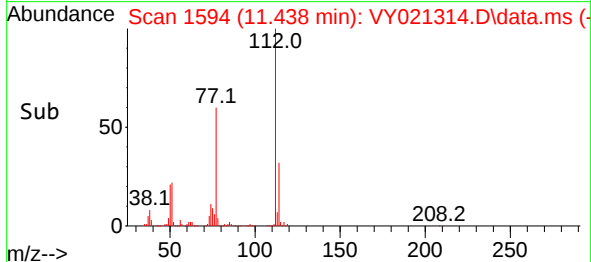
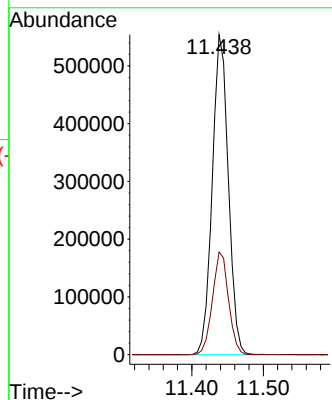
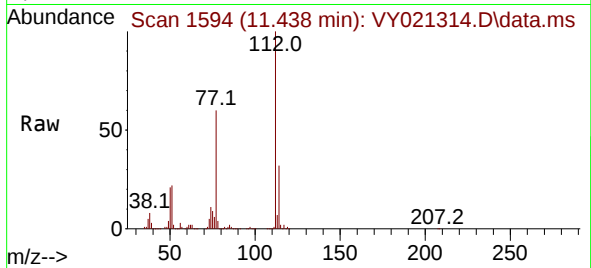




#65
Chlorobenzene
Concen: 154.837 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

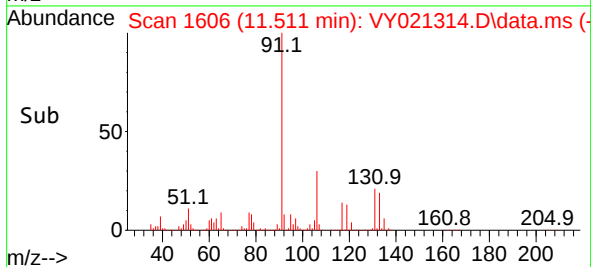
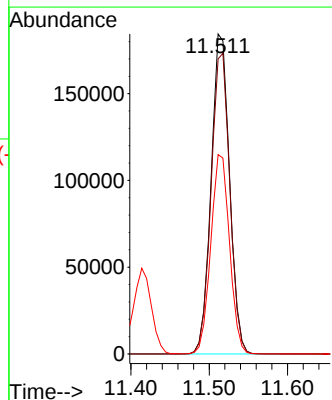
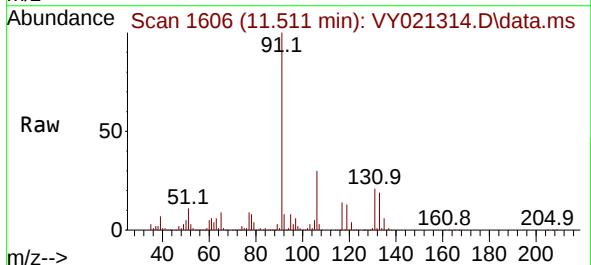
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

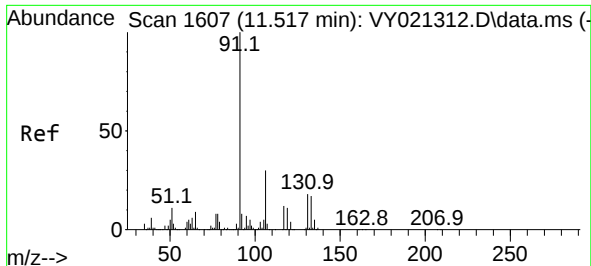
Tgt Ion:112 Resp: 863676
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 154.234 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:131 Resp: 301244
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 63.3 31.7 95.1





#67

Ethyl Benzene

Concen: 159.586 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

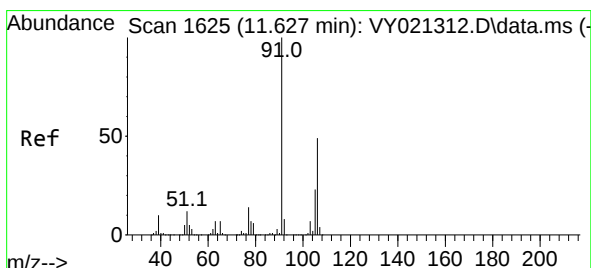
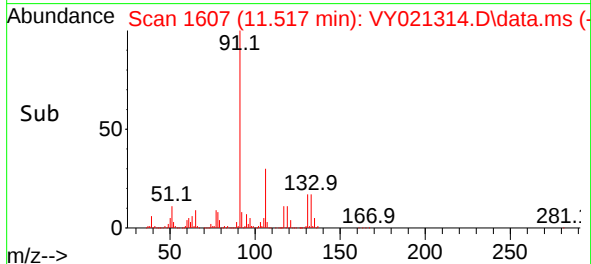
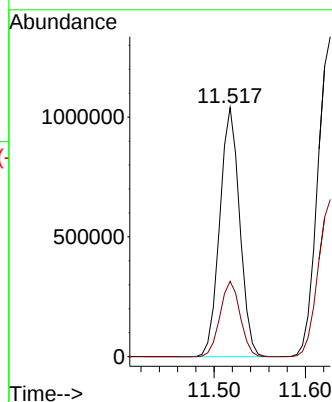
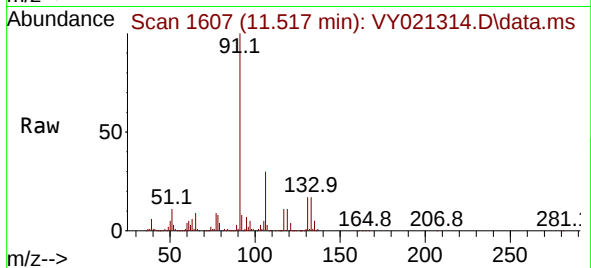
VSTDIC150

Tgt Ion: 91 Resp: 1576743

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



#68

m/p-Xylenes

Concen: 314.246 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021314.D

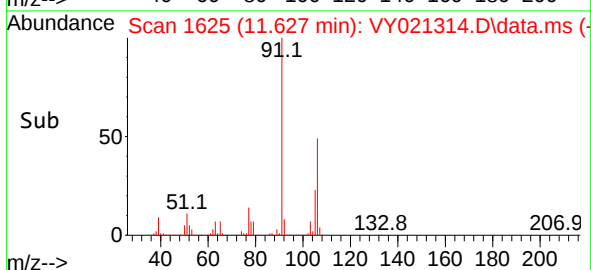
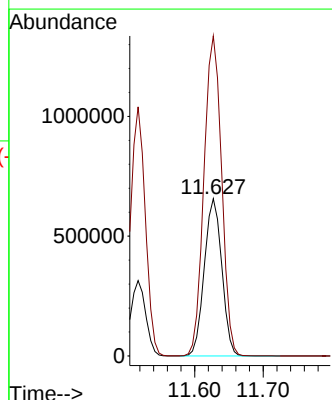
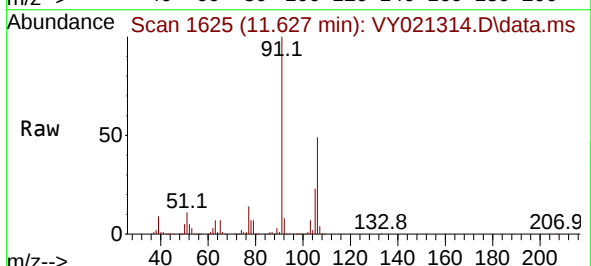
Acq: 25 Feb 2025 15:57

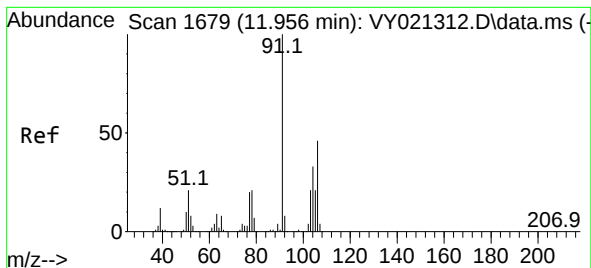
Tgt Ion:106 Resp: 1167839

Ion Ratio Lower Upper

106 100

91 205.5 163.9 245.9

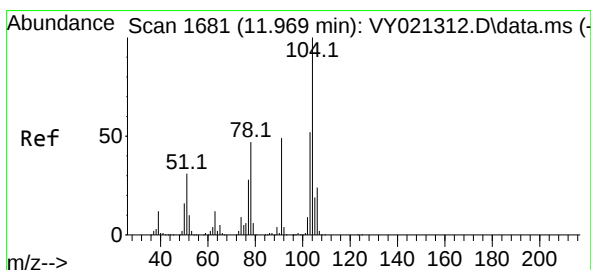
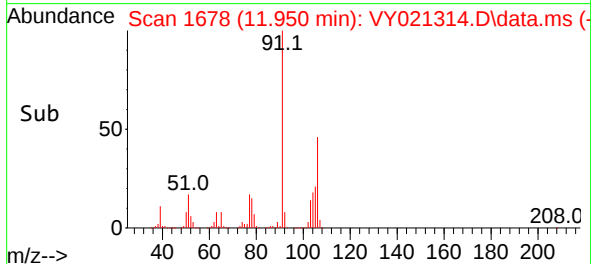
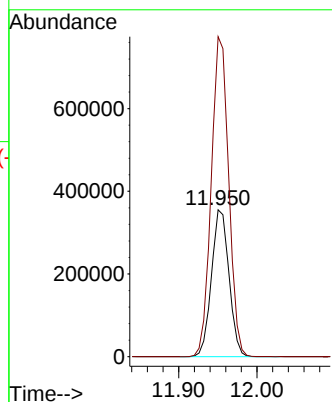
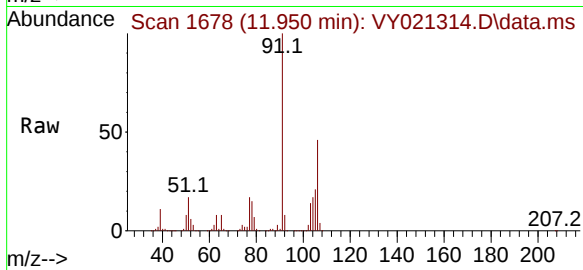




#69
o-Xylene
Concen: 158.258 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

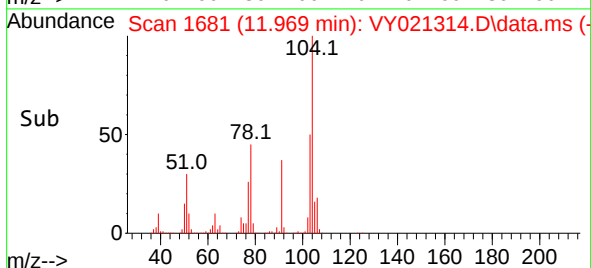
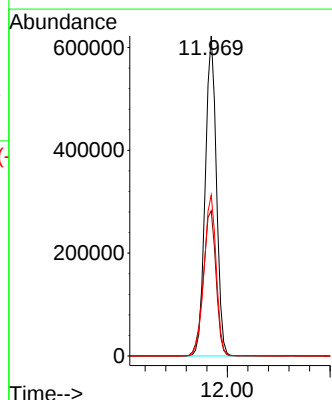
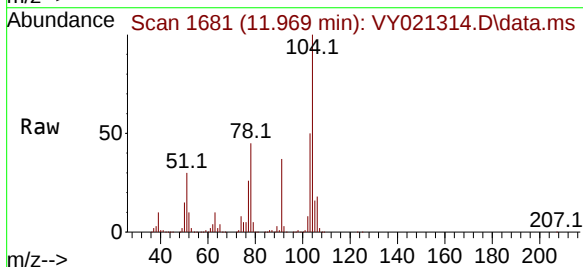
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

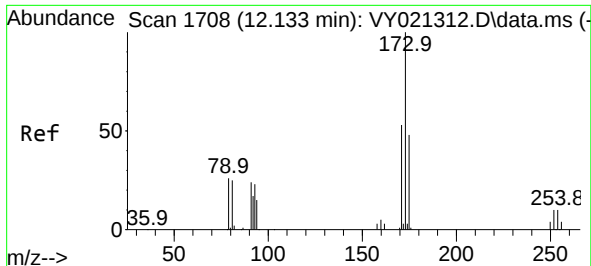
Tgt Ion:106 Resp: 550972
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.2



#70
Styrene
Concen: 161.754 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:104 Resp: 936967
Ion Ratio Lower Upper
104 100
78 51.7 41.3 61.9
103 55.0 43.9 65.9

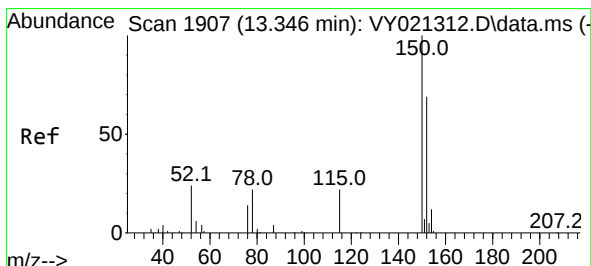
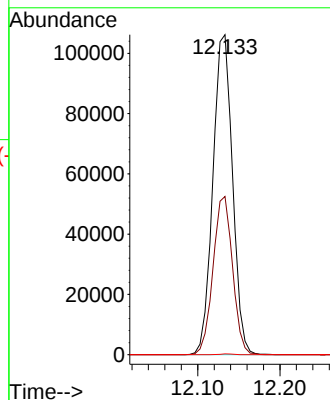
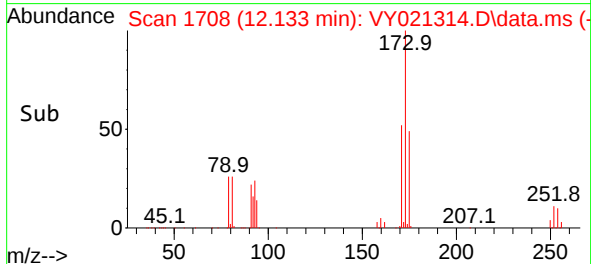
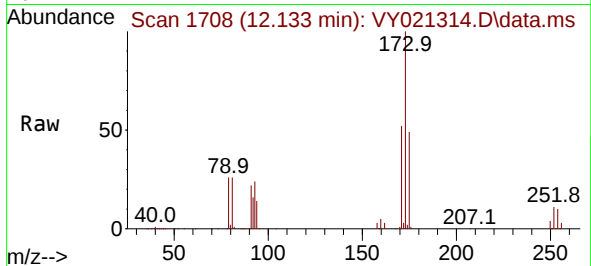




#71
Bromoform
Concen: 157.441 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

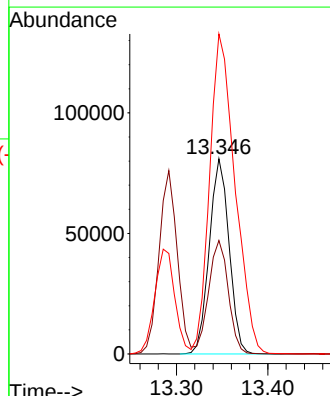
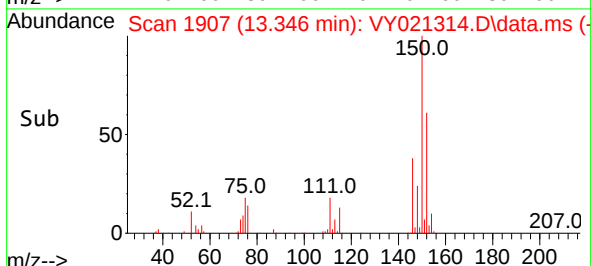
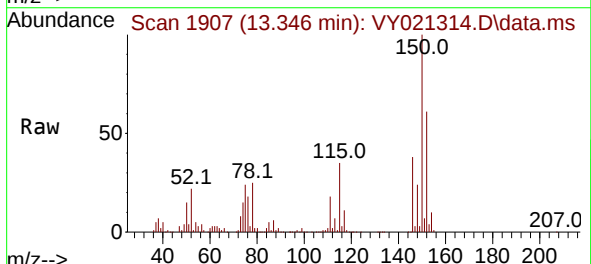
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

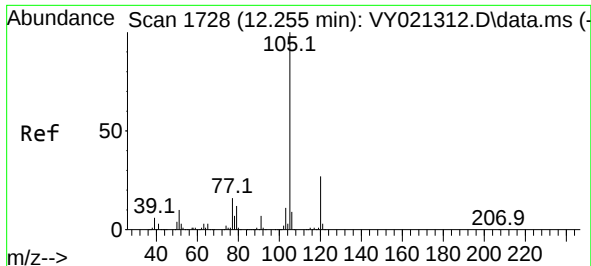
Tgt Ion:173 Resp: 175918
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion:152 Resp: 121558
Ion Ratio Lower Upper
152 100
115 58.3 29.3 88.0
150 210.8 0.0 347.4

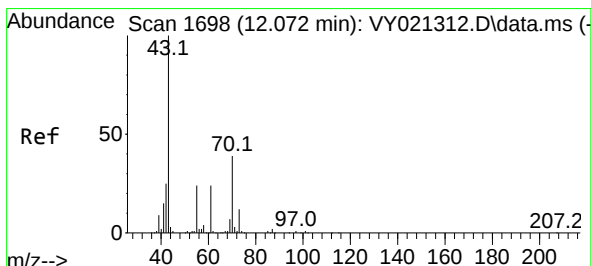
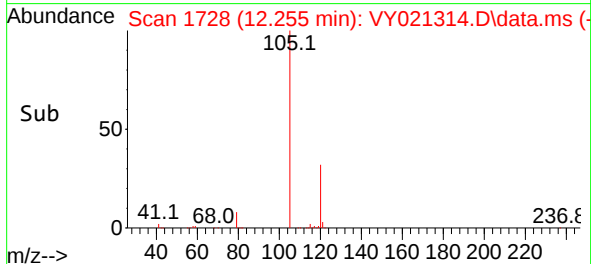
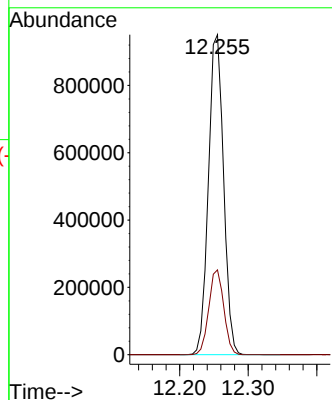
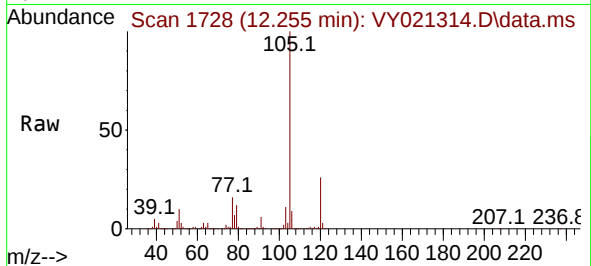




#73
Isopropylbenzene
Concen: 159.969 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

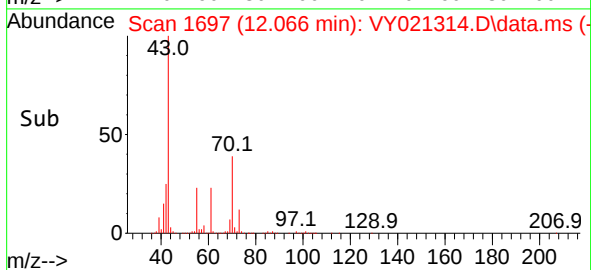
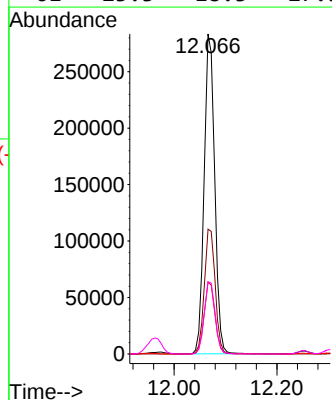
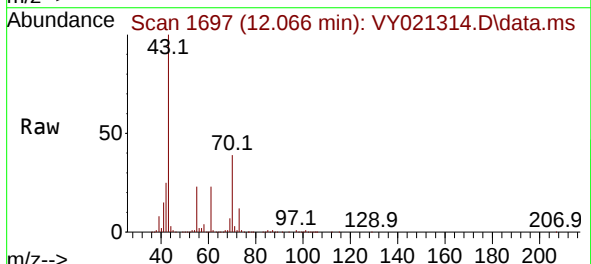
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

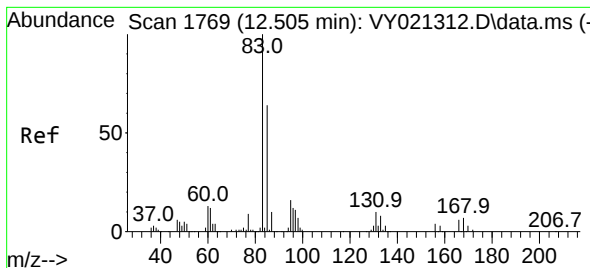
Tgt Ion:105 Resp: 1461905
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 173.596 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 43 Resp: 403238
Ion Ratio Lower Upper
43 100
70 40.2 32.2 48.2
55 23.0 19.6 29.4
61 23.3 18.3 27.5

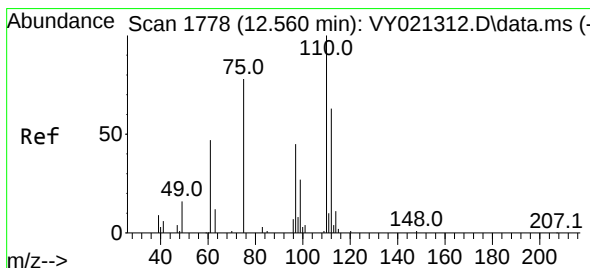
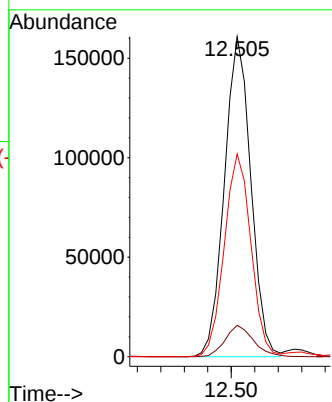
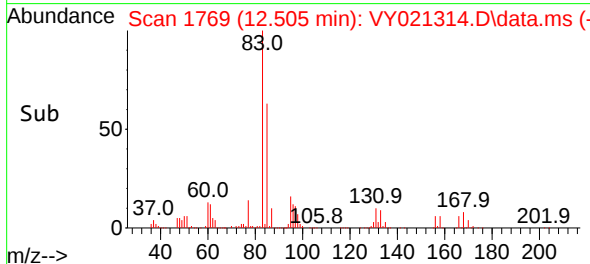
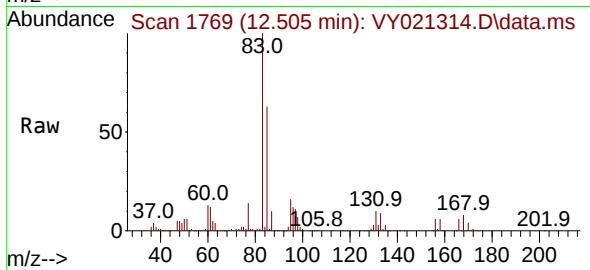




#75
 1,1,2,2-Tetrachloroethane
 Concen: 155.759 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

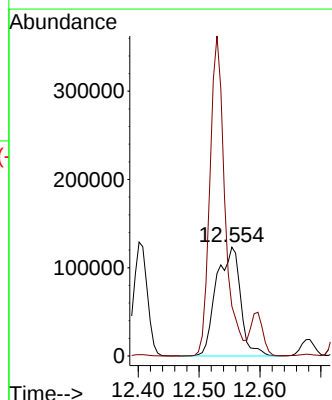
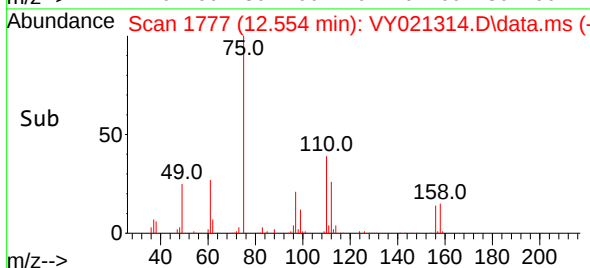
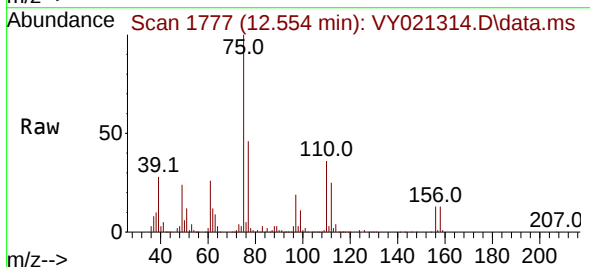
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

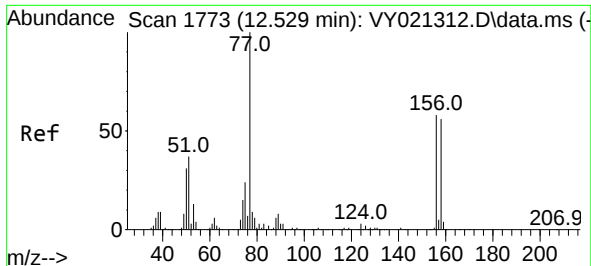
Tgt Ion: 83 Resp: 251216
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 63.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 277.334 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021314.D
 Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 339496
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

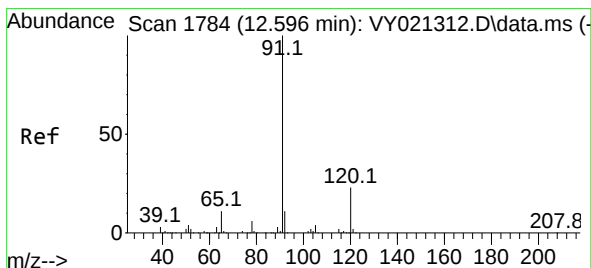
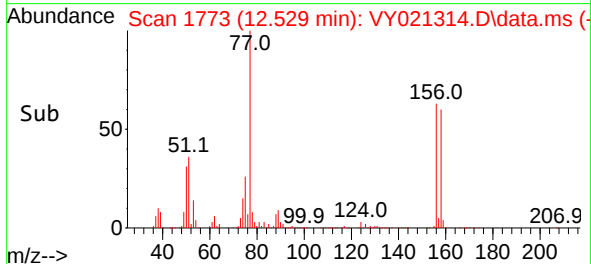
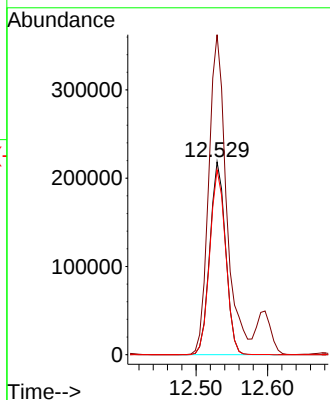
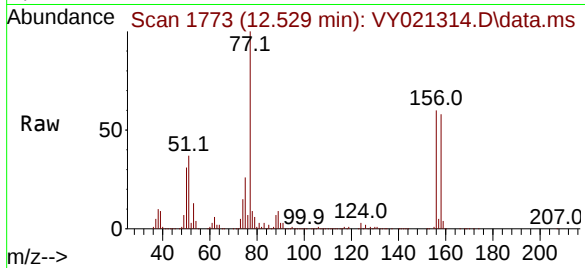




#77
Bromobenzene
Concen: 157.025 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

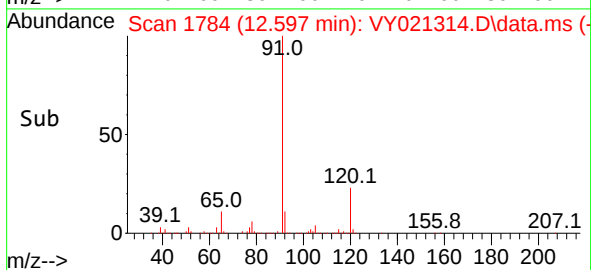
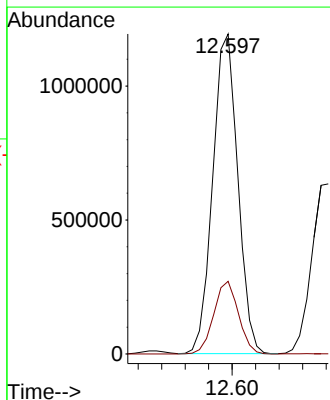
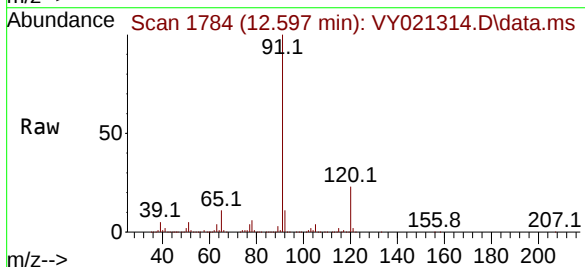
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

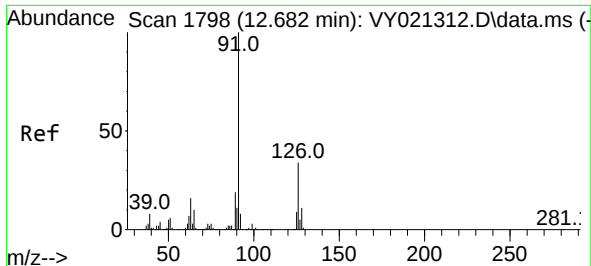
Tgt Ion:156 Resp: 333772
Ion Ratio Lower Upper
156 100
77 186.1 94.0 282.1
158 97.0 48.7 146.1



#78
n-propylbenzene
Concen: 159.217 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 1765636
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

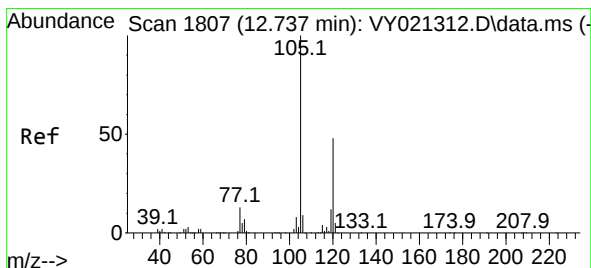
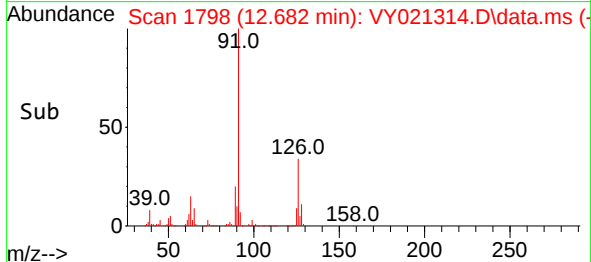
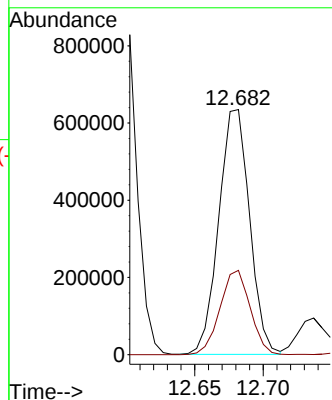
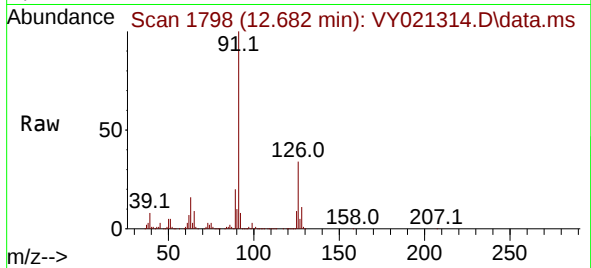




#79
2-Chlorotoluene
Concen: 156.411 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

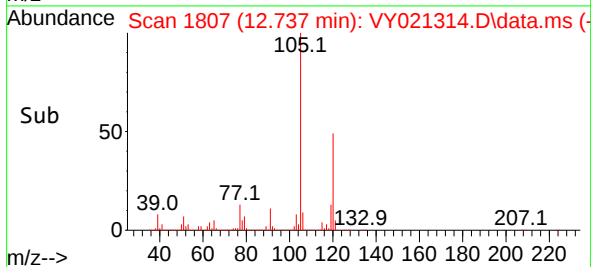
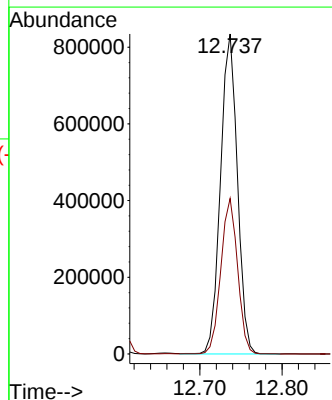
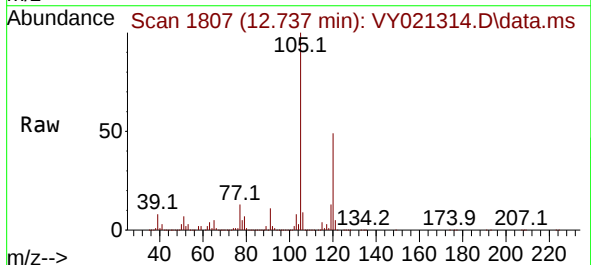
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

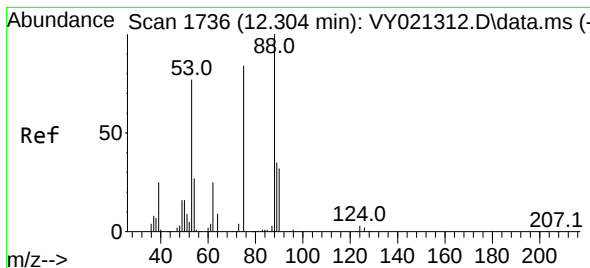
Tgt Ion: 91 Resp: 995452
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 158.830 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 105 Resp: 1190462
Ion Ratio Lower Upper
105 100
120 48.2 24.3 73.0

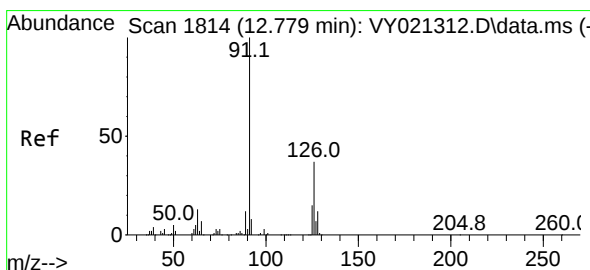
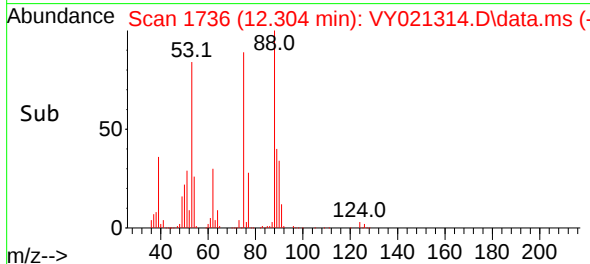
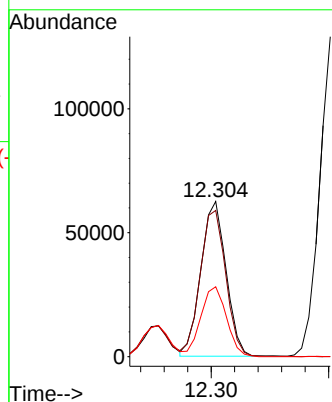
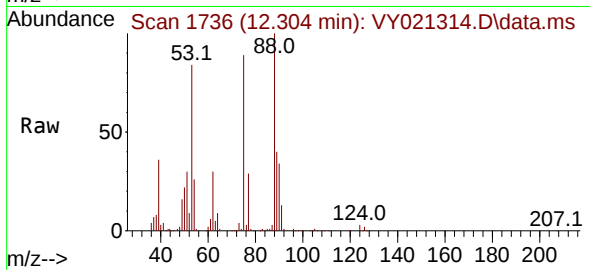




#81
trans-1,4-Dichloro-2-butene
Concen: 169.722 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

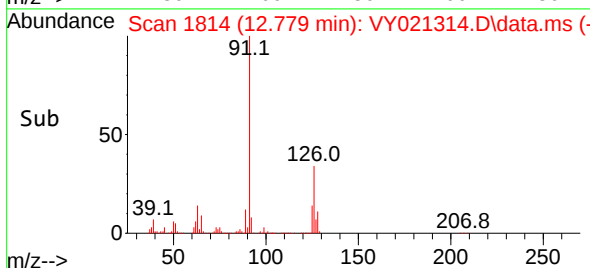
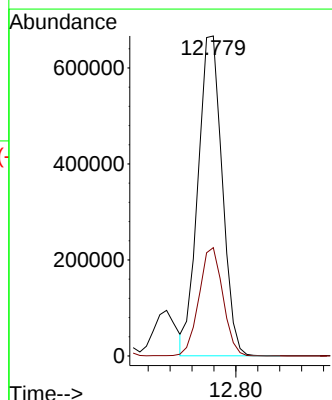
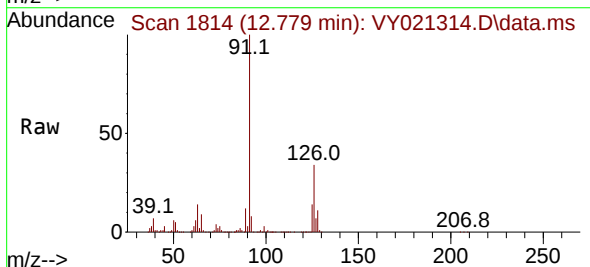
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

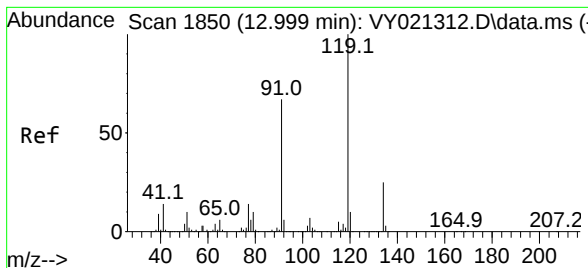
Tgt Ion: 75 Resp: 92910
Ion Ratio Lower Upper
75 100
53 96.8 79.1 118.7
89 46.3 35.6 53.4



#82
4-Chlorotoluene
Concen: 154.883 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 91 Resp: 1021811
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 161.602 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

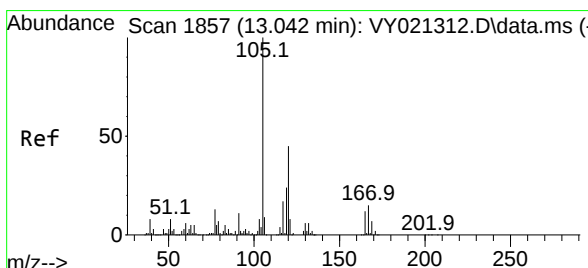
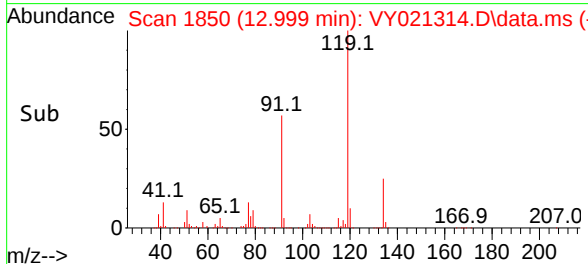
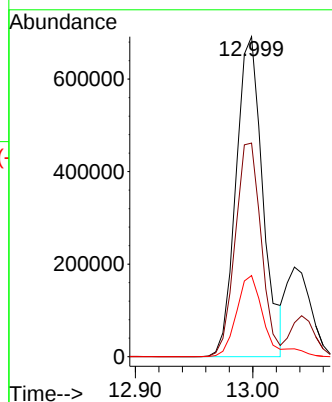
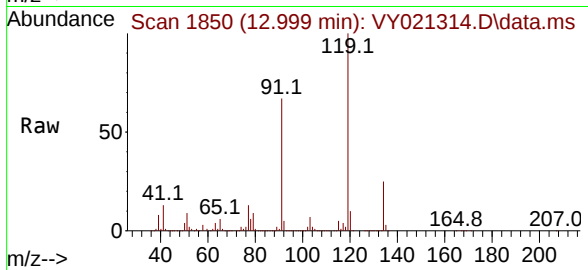
Tgt Ion:119 Resp: 1094125

Ion Ratio Lower Upper

119 100

91 65.0 32.7 98.1

134 26.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 159.915 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021314.D

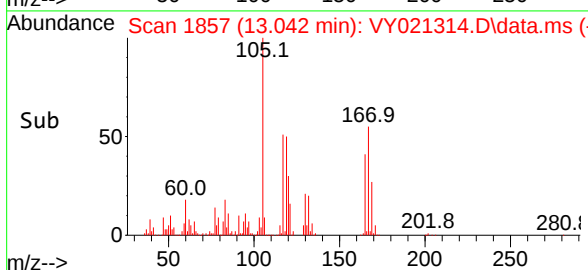
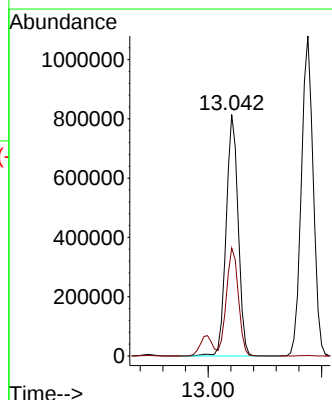
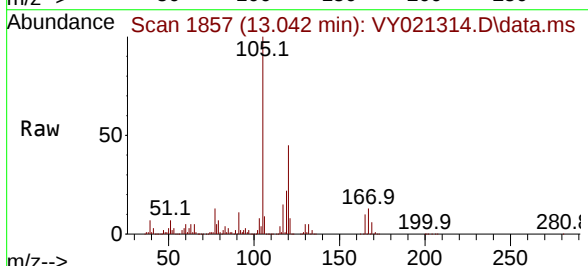
Acq: 25 Feb 2025 15:57

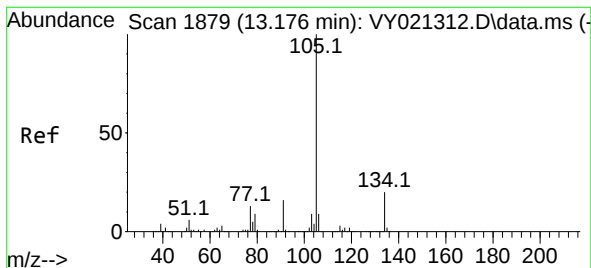
Tgt Ion:105 Resp: 1192062

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 157.594 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

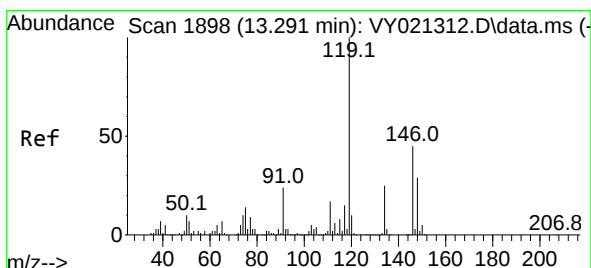
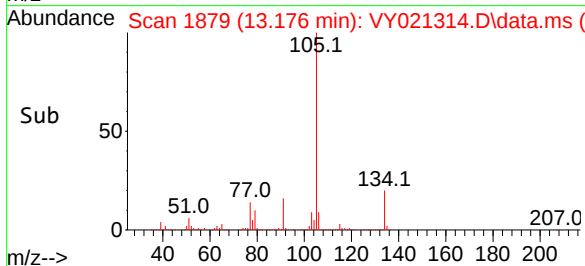
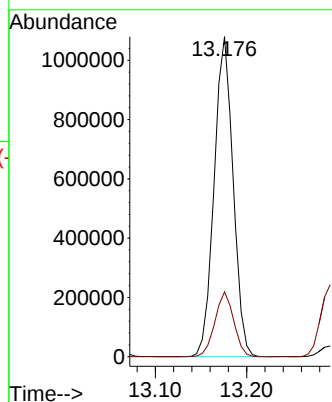
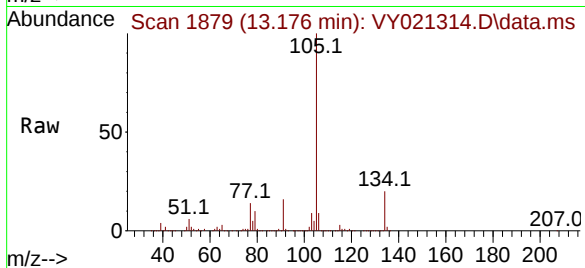
VSTDIC150

Tgt Ion:105 Resp: 1558540

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 160.795 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

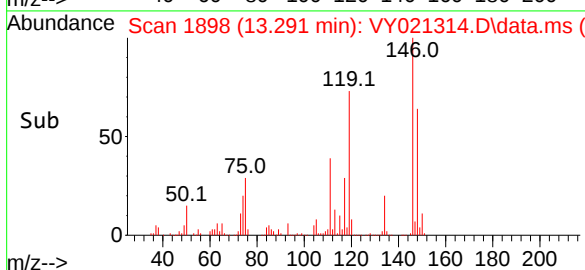
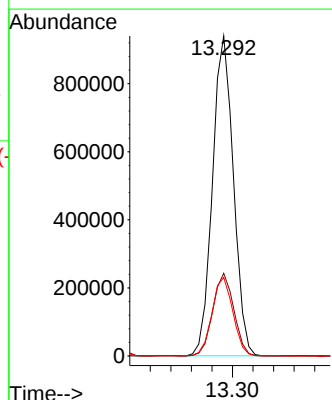
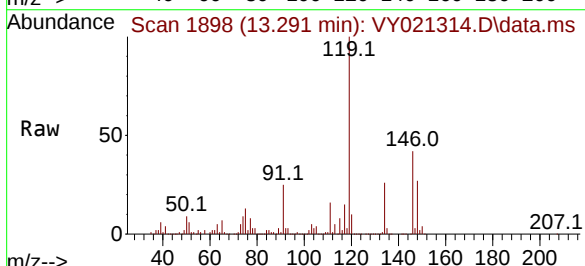
Tgt Ion:119 Resp: 1327819

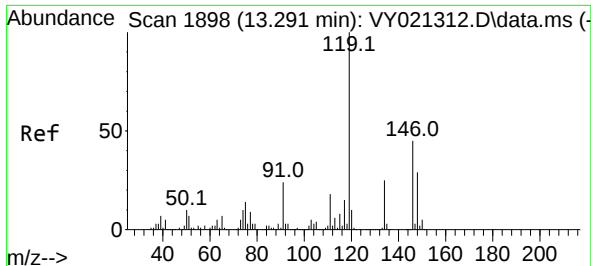
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 154.161 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

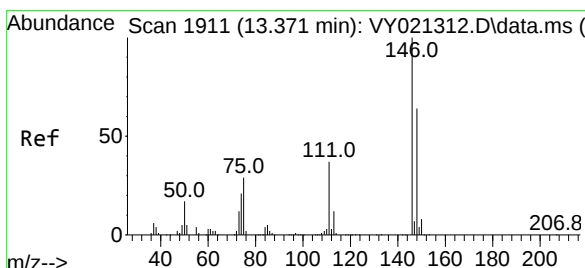
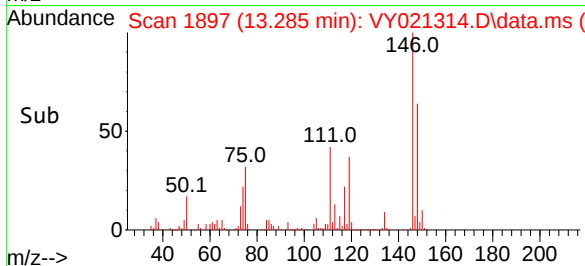
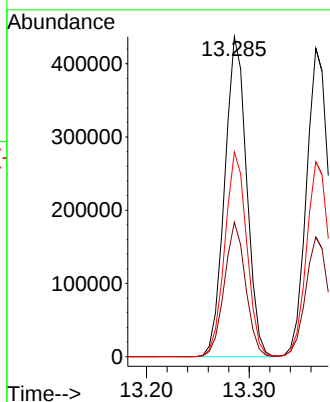
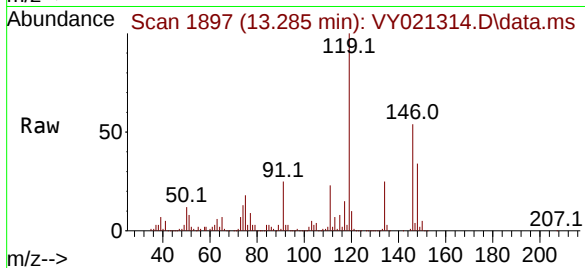
Tgt Ion:146 Resp: 648204

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 153.109 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

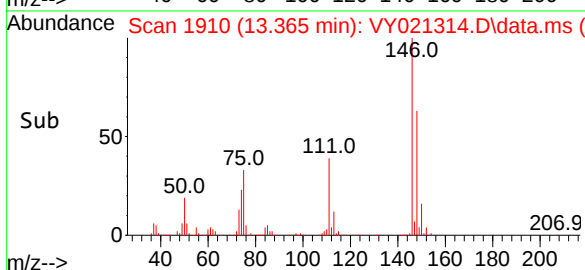
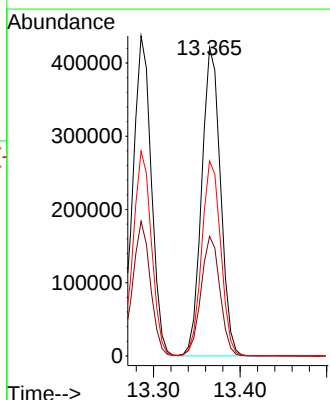
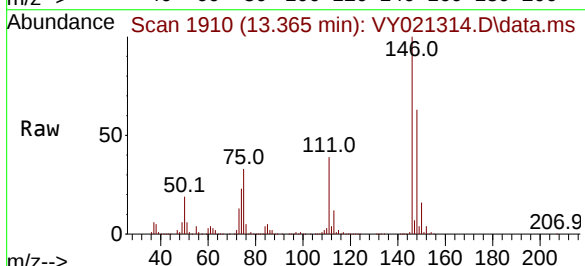
Tgt Ion:146 Resp: 635981

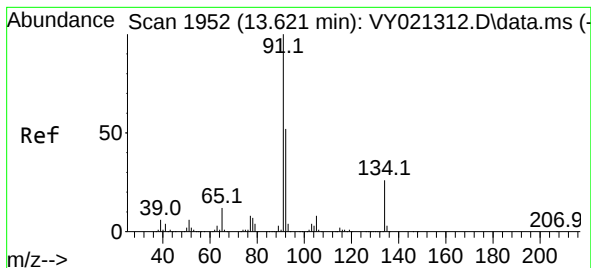
Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 163.350 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

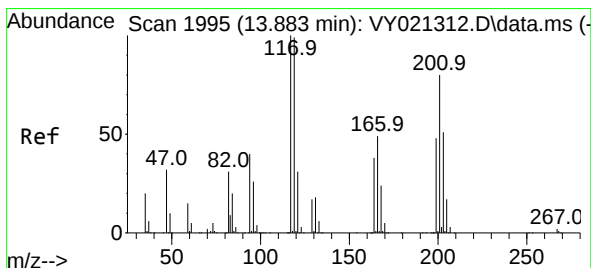
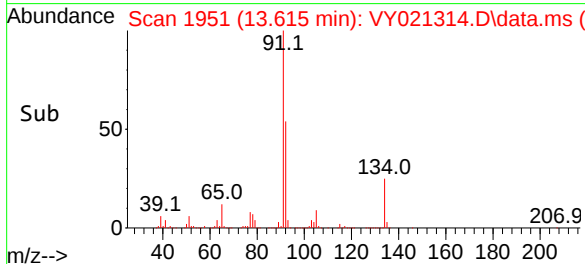
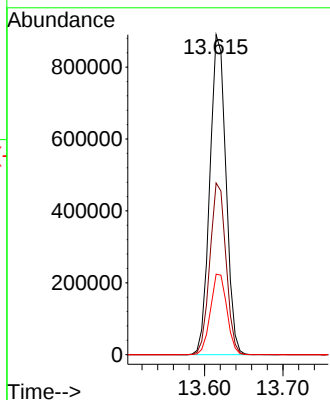
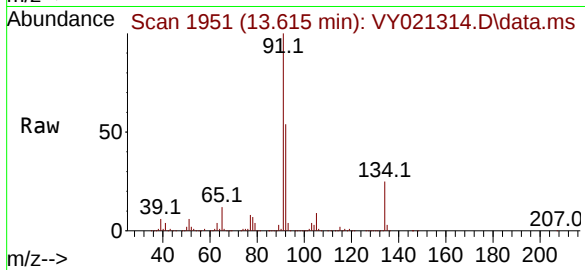
Tgt Ion: 91 Resp: 1269399

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.2

134 25.7 12.7 38.0



#90

Hexachloroethane

Concen: 159.641 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021314.D

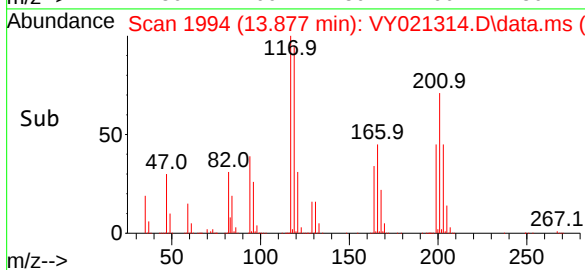
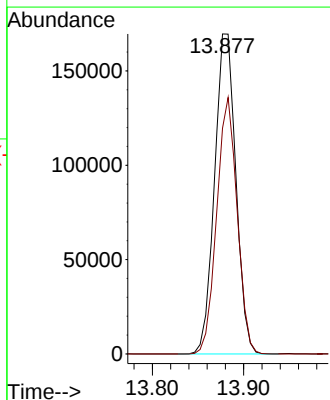
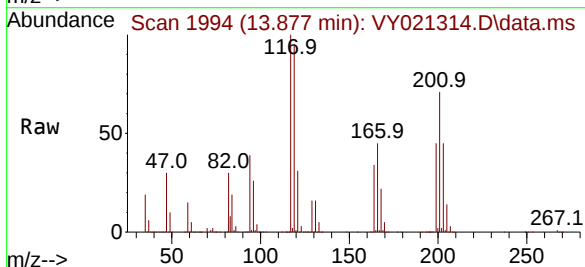
Acq: 25 Feb 2025 15:57

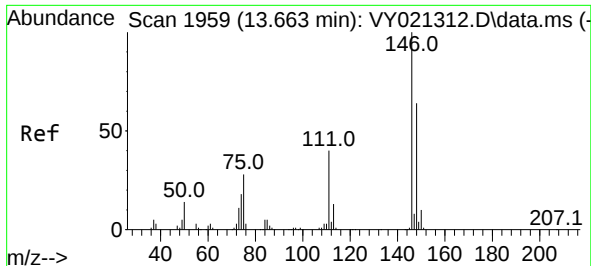
Tgt Ion: 117 Resp: 275368

Ion Ratio Lower Upper

117 100

201 76.8 38.4 115.2

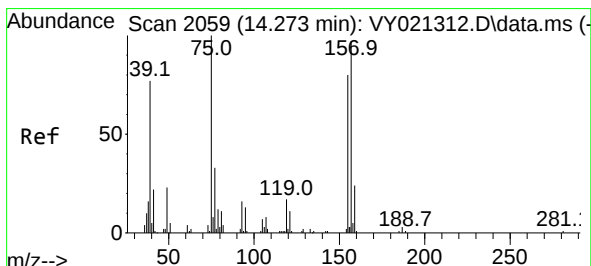
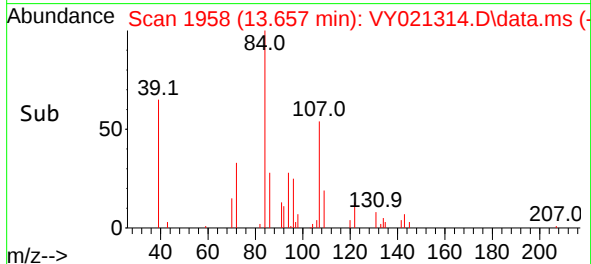
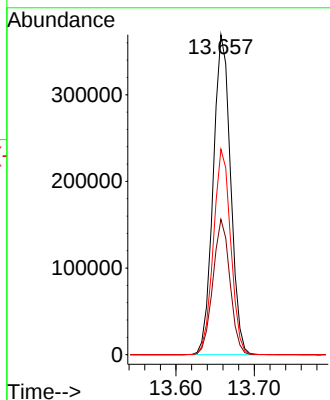
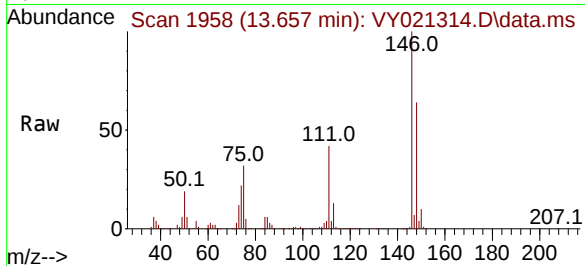




#91
1,2-Dichlorobenzene
Concen: 154.826 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

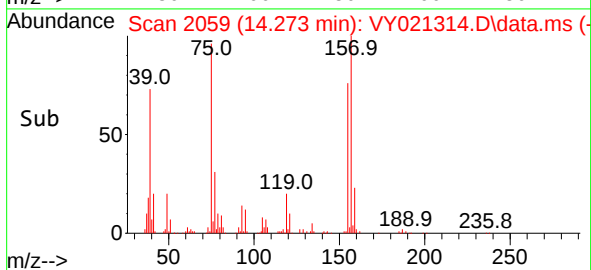
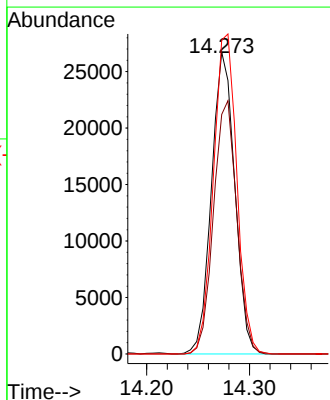
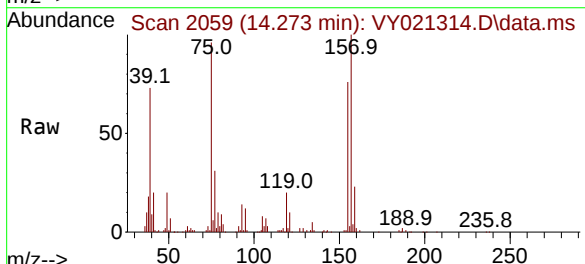
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

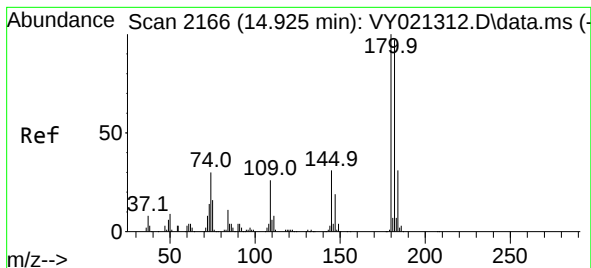
Tgt Ion:146 Resp: 570360
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 164.851 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021314.D
Acq: 25 Feb 2025 15:57

Tgt Ion: 75 Resp: 42060
Ion Ratio Lower Upper
75 100
155 83.5 41.9 125.6
157 106.6 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 170.860 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

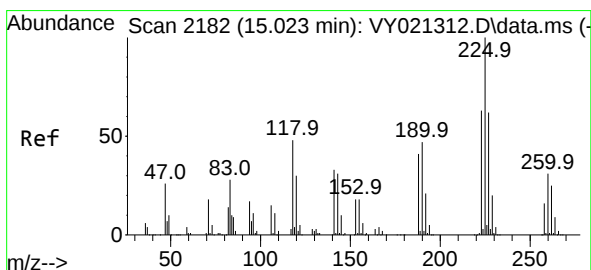
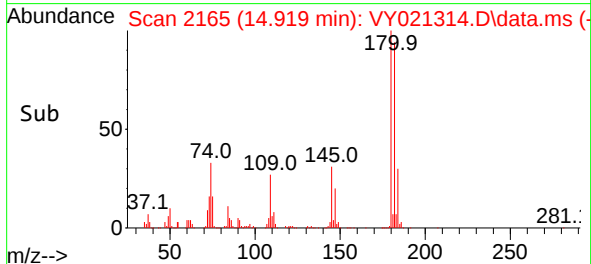
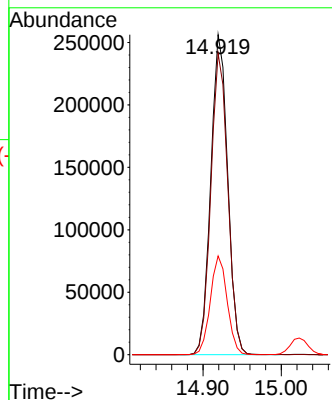
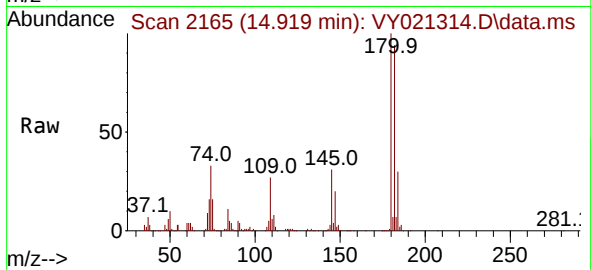
Tgt Ion:180 Resp: 384163

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 30.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 158.670 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

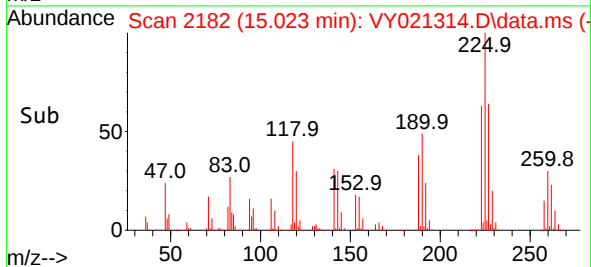
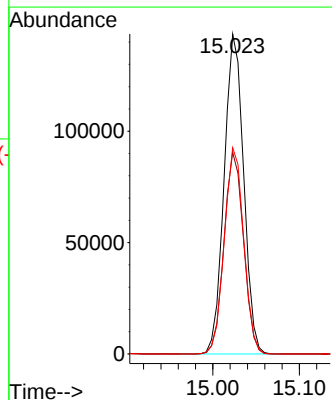
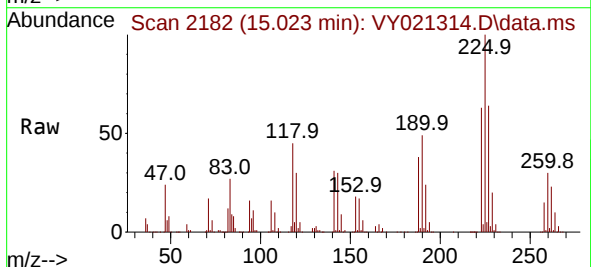
Tgt Ion:225 Resp: 224602

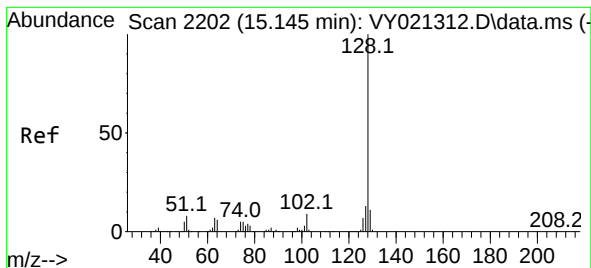
Ion Ratio Lower Upper

225 100

223 63.1 31.8 95.4

227 64.2 31.9 95.7





#95

Naphthalene

Concen: 186.517 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

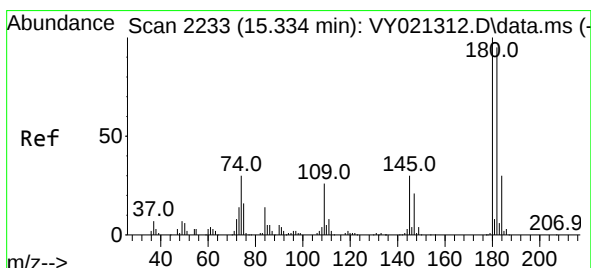
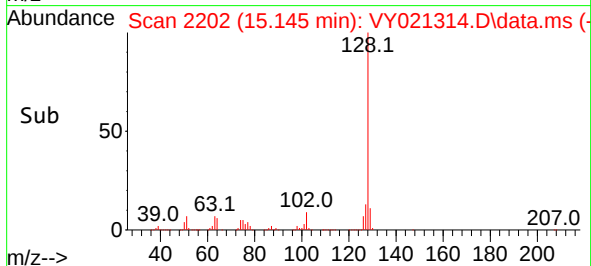
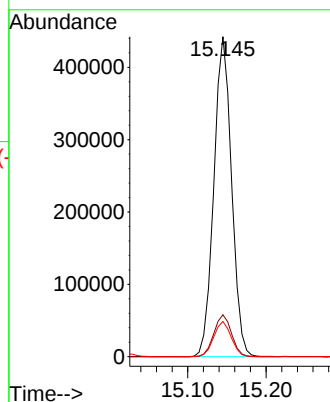
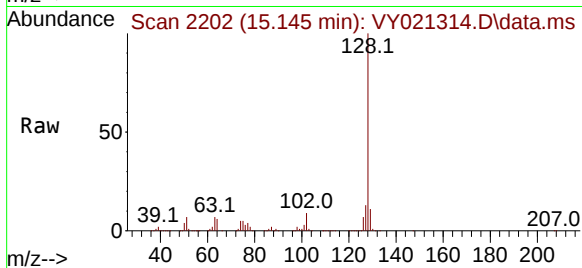
Tgt Ion:128 Resp: 694625

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 172.067 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021314.D

Acq: 25 Feb 2025 15:57

Tgt Ion:180 Resp: 326876

Ion Ratio Lower Upper

180 100

182 95.9 48.3 144.9

145 32.1 16.1 48.3

