

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021914.D
 Acq On : 17 Apr 2025 16:25
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 18 04:01:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	147505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	223491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	113580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105788	66.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.380%	
35) Dibromofluoromethane	7.634	113	103163	71.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.320%	
50) Toluene-d8	10.103	98	395919	71.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 143.580%#	
62) 4-Bromofluorobenzene	12.408	95	140080	75.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 150.180%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	81471	53.289	ug/l	100
3) Chloromethane	2.068	50	131591	61.211	ug/l	98
4) Vinyl Chloride	2.202	62	142673	58.684	ug/l	100
5) Bromomethane	2.599	94	104194	62.836	ug/l	99
6) Chloroethane	2.733	64	99258	62.392	ug/l	100
7) Trichlorofluoromethane	3.056	101	189212	60.754	ug/l	98
8) Diethyl Ether	3.452	74	51984	61.378	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	100987	61.480	ug/l	98
10) Methyl Iodide	4.007	142	120521	66.881	ug/l	99
11) Tert butyl alcohol	4.879	59	12266	118.163	ug/l #	74
12) 1,1-Dichloroethene	3.787	96	94108	60.825	ug/l	96
13) Acrolein	3.653	56	9371	49.440	ug/l	99
14) Allyl chloride	4.385	41	151727	61.506	ug/l	99
15) Acrylonitrile	5.061	53	108074	305.611	ug/l	99
16) Acetone	3.885	43	75849	231.895	ug/l	97
17) Carbon Disulfide	4.104	76	287850	56.486	ug/l	98
18) Methyl Acetate	4.391	43	67777	83.609	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	240872	62.532	ug/l	97
20) Methylene Chloride	4.616	84	108099	69.011	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	107463	63.084	ug/l	99
22) Diisopropyl ether	6.019	45	342623	66.210	ug/l	99
23) Vinyl Acetate	5.964	43	882974	291.672	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197976	63.981	ug/l	99
25) 2-Butanone	6.903	43	130569	279.485	ug/l	99
26) 2,2-Dichloropropane	6.884	77	170723	62.026	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125875	65.707	ug/l	97
28) Bromochloromethane	7.244	49	83752	64.179	ug/l	98
29) Tetrahydrofuran	7.268	42	87248	290.179	ug/l	97
30) Chloroform	7.421	83	208444	64.767	ug/l	93
31) Cyclohexane	7.701	56	157765	55.932	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	185137	63.647	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143951	65.189	ug/l	99
37) Ethyl Acetate	6.982	43	59864	57.443	ug/l	97
38) Carbon Tetrachloride	7.817	117	166843	65.968	ug/l	98
39) Methylcyclohexane	9.110	83	170953	64.806	ug/l	98
40) Benzene	8.079	78	449870	68.028	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021914.D
 Acq On : 17 Apr 2025 16:25
 Operator : SY/MD
 Sample : VSTDC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

Quant Time: Apr 18 04:01:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	35646	64.407	ug/l #	100
42) 1,2-Dichloroethane	8.159	62	121555	65.201	ug/l	100
43) Isopropyl Acetate	8.195	43	120978	61.257	ug/l	99
44) Trichloroethene	8.866	130	115218	68.381	ug/l	97
45) 1,2-Dichloropropane	9.140	63	107297	68.546	ug/l	97
46) Dibromomethane	9.231	93	61583	68.263	ug/l	96
47) Bromodichloromethane	9.420	83	159921	68.412	ug/l	99
48) Methyl methacrylate	9.219	41	60768	67.042	ug/l	98
49) 1,4-Dioxane	9.238	88	12193	1261.663	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	335769	326.703	ug/l	100
52) Toluene	10.170	92	287139	69.594	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	137306	66.130	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	163430	66.720	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	80392	69.247	ug/l	96
56) Ethyl methacrylate	10.439	69	101794	68.668	ug/l	98
57) 1,3-Dichloropropane	10.713	76	137380	68.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	274830	380.039	ug/l	100
59) 2-Hexanone	10.762	43	218480	319.198	ug/l	99
60) Dibromochloromethane	10.908	129	109392	69.014	ug/l	98
61) 1,2-Dibromoethane	11.012	107	74258	68.186	ug/l	99
64) Tetrachloroethene	10.646	164	131592	69.332	ug/l	98
65) Chlorobenzene	11.438	112	314076	65.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	115709	68.269	ug/l	98
67) Ethyl Benzene	11.518	91	552166	67.406	ug/l	99
68) m/p-Xylenes	11.627	106	428595	136.635	ug/l	99
69) o-Xylene	11.957	106	198821	68.665	ug/l	100
70) Styrene	11.969	104	341616	70.761	ug/l	99
71) Bromoform	12.133	173	63765	65.955	ug/l #	99
73) Isopropylbenzene	12.255	105	529274	62.740	ug/l	99
74) N-amyl acetate	12.072	43	112481	56.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	84029	55.402	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	117705	104.546	ug/l #	100
77) Bromobenzene	12.530	156	125956	62.186	ug/l	97
78) n-propylbenzene	12.597	91	648095	63.901	ug/l	100
79) 2-Chlorotoluene	12.682	91	371256	63.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	442484	64.178	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25743	52.685	ug/l	92
82) 4-Chlorotoluene	12.774	91	386761	62.977	ug/l	100
83) tert-Butylbenzene	12.999	119	394349	64.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	445982	65.447	ug/l	99
85) sec-Butylbenzene	13.176	105	578748	64.488	ug/l	100
86) p-Isopropyltoluene	13.292	119	488087	65.802	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	255618	64.055	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	249994	63.407	ug/l	99
89) n-Butylbenzene	13.615	91	444980	64.868	ug/l	100
90) Hexachloroethane	13.877	117	100944	62.102	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	222598	64.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13563	57.696	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	131426	69.765	ug/l	99
94) Hexachlorobutadiene	15.023	225	79109	67.240	ug/l	100
95) Naphthalene	15.145	128	218450	69.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	113424	70.606	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
Data File : VY021914.D
Acq On : 17 Apr 2025 16:25
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

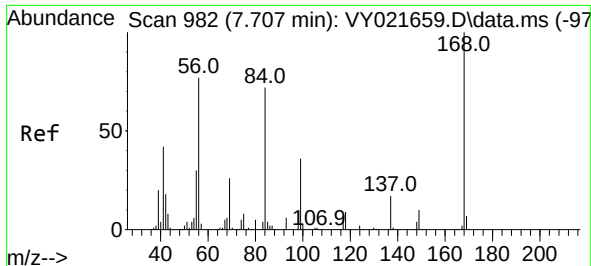
Quant Time: Apr 18 04:01:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 18 04:01:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

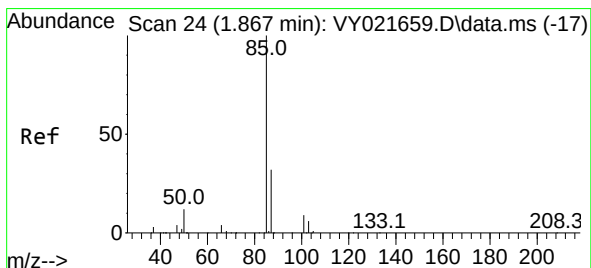
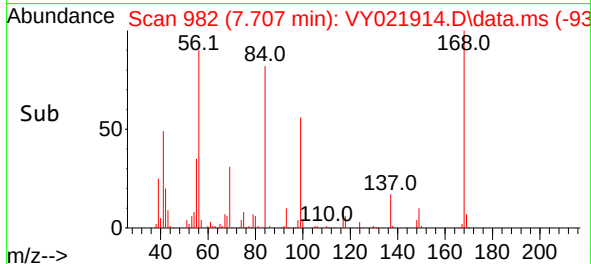
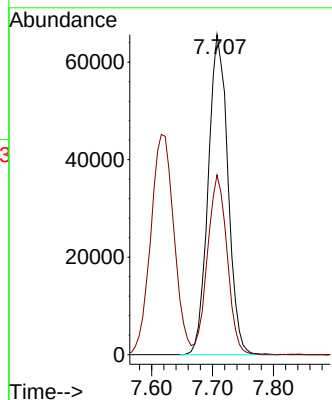
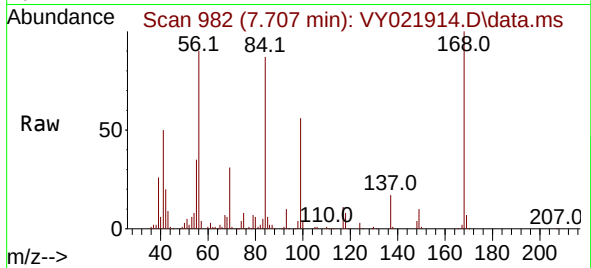




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

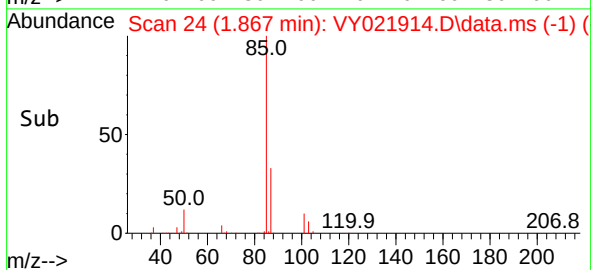
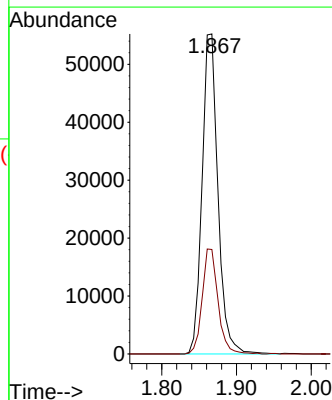
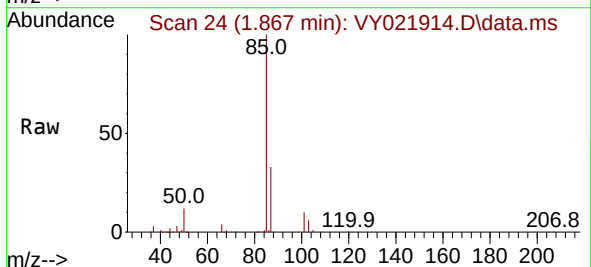
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

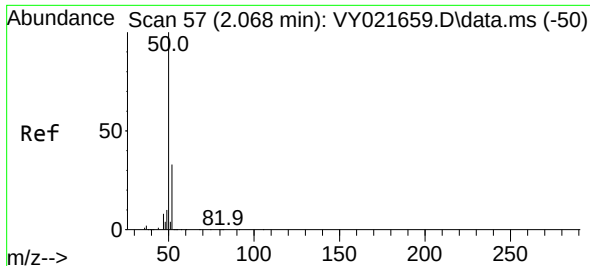
Tgt Ion:168 Resp: 147505
Ion Ratio Lower Upper
168 100
99 56.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 53.289 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 85 Resp: 81471
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6

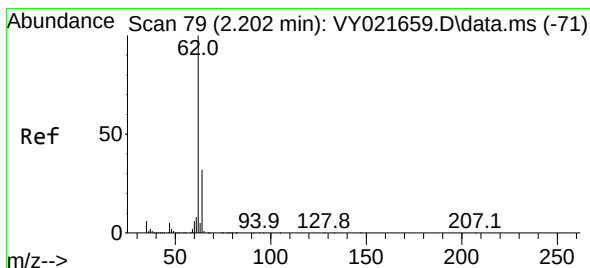
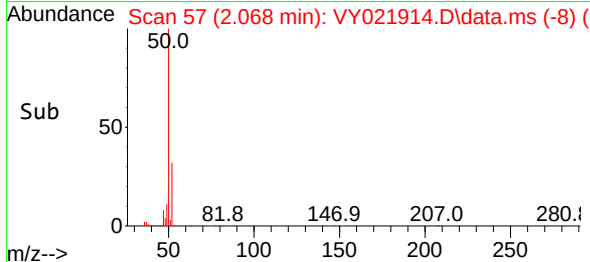
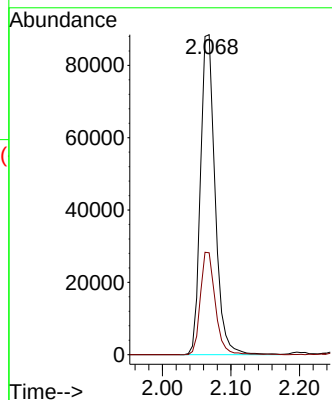
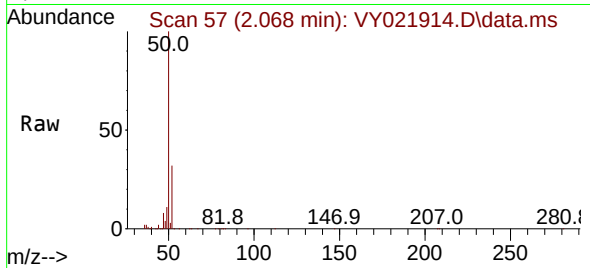




#3
Chloromethane
Concen: 61.211 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

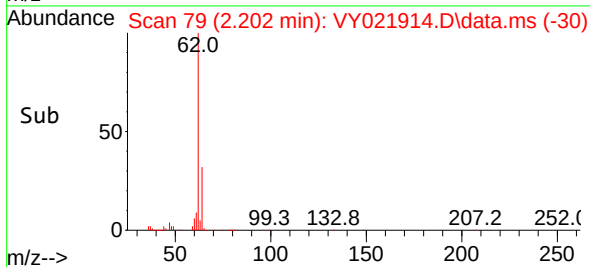
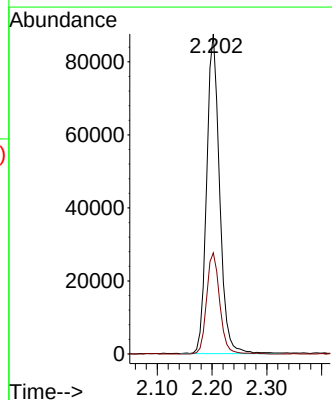
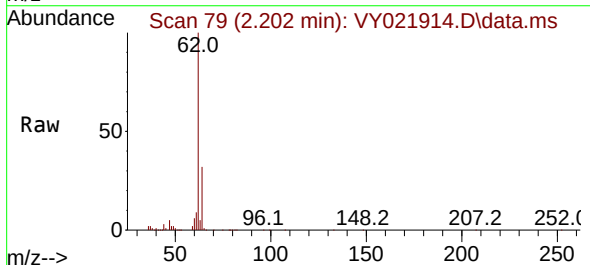
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

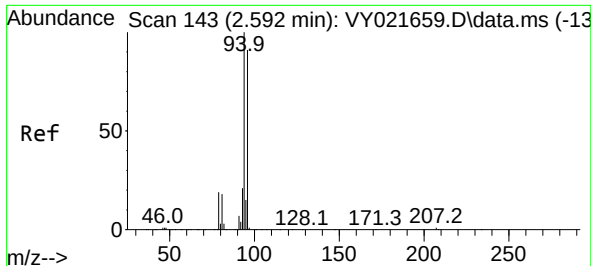
Tgt Ion: 50 Resp: 131591
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 58.684 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 62 Resp: 142673
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3

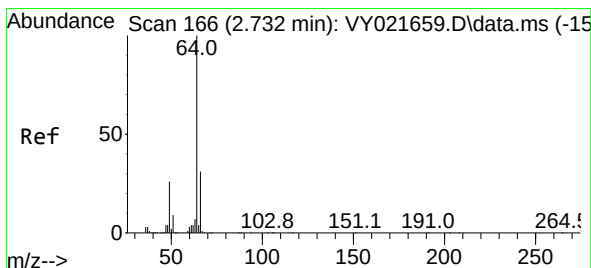
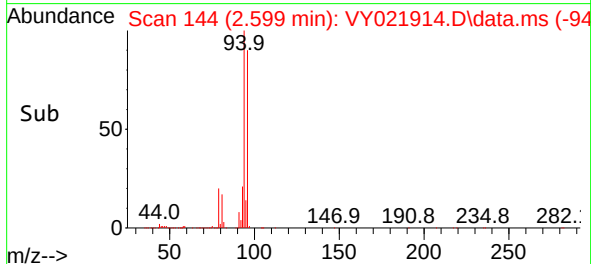
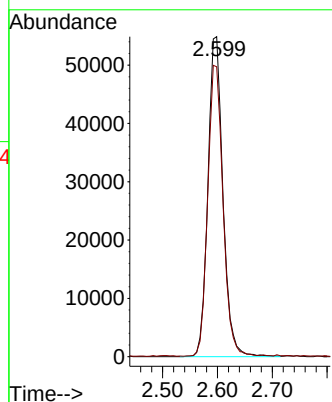
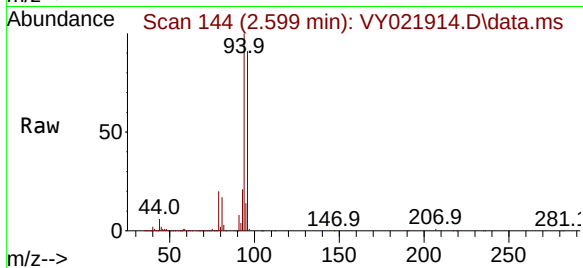




#5
Bromomethane
Concen: 62.836 ug/l
RT: 2.599 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

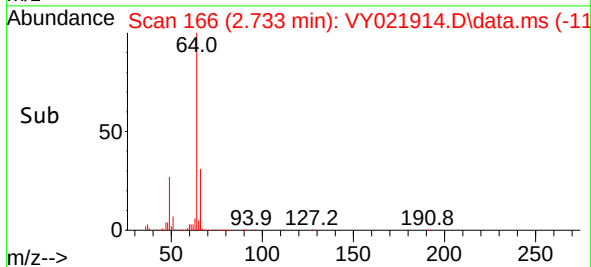
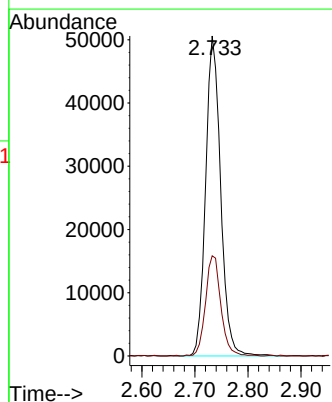
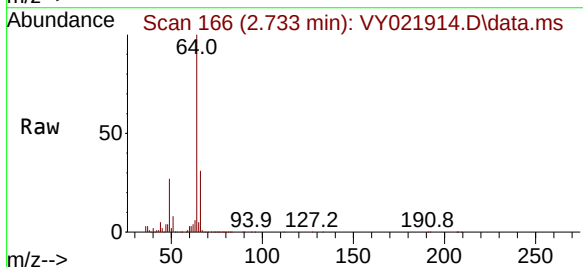
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

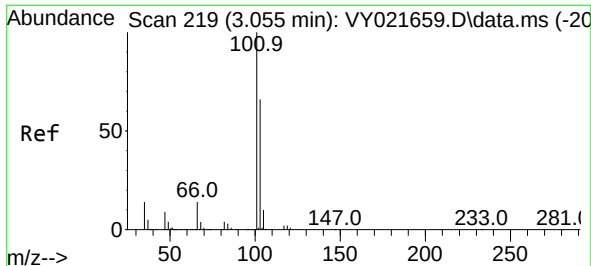
Tgt Ion: 94 Resp: 104194
Ion Ratio Lower Upper
94 100
96 90.4 72.8 109.2



#6
Chloroethane
Concen: 62.392 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 64 Resp: 99258
Ion Ratio Lower Upper
64 100
66 31.3 24.9 37.3

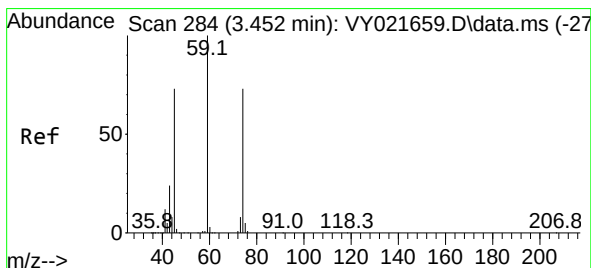
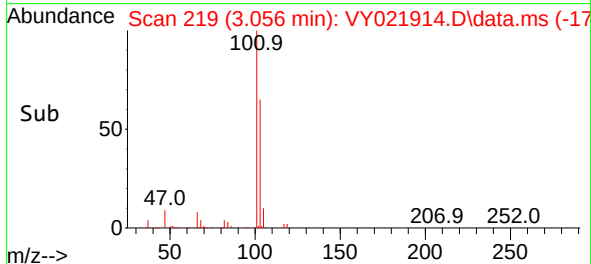
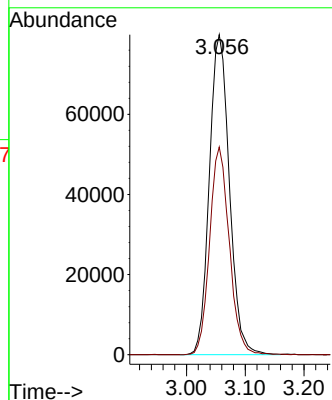
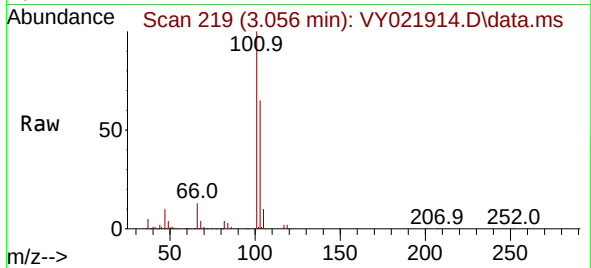




#7
Trichlorofluoromethane
Concen: 60.754 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

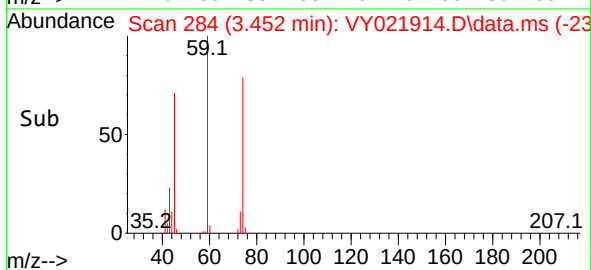
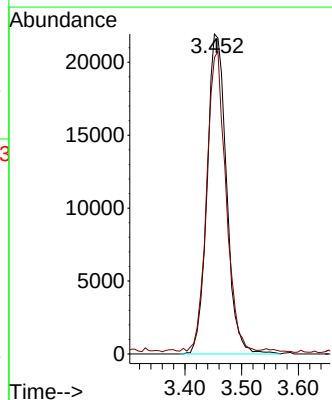
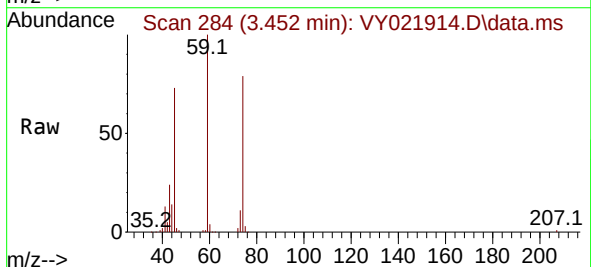
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

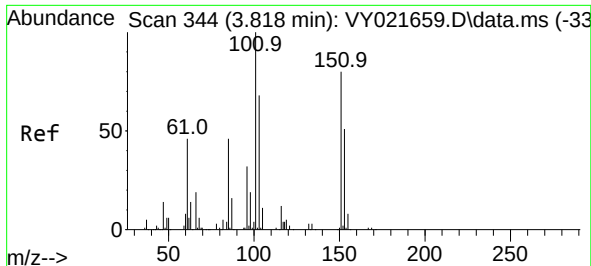
Tgt Ion:101 Resp: 189212
Ion Ratio Lower Upper
101 100
103 64.9 53.1 79.7



#8
Diethyl Ether
Concen: 61.378 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 74 Resp: 51984
Ion Ratio Lower Upper
74 100
45 92.8 48.6 145.8

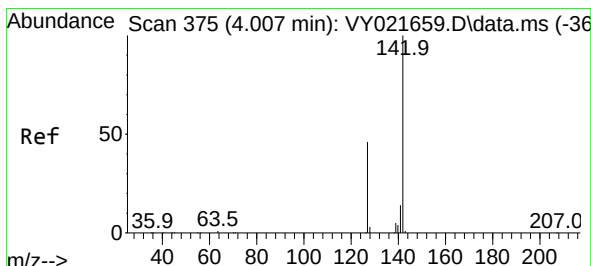
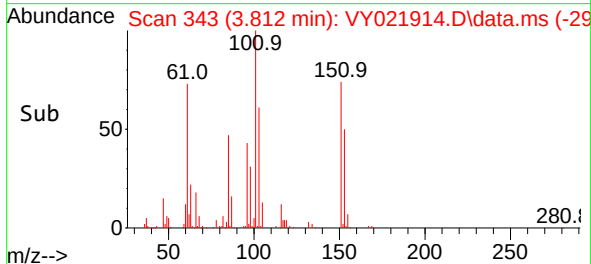
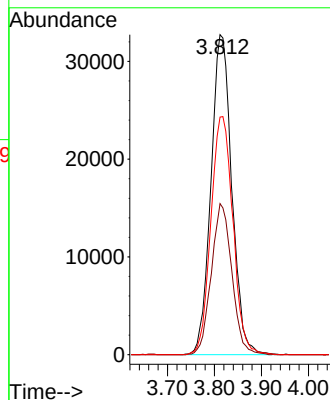
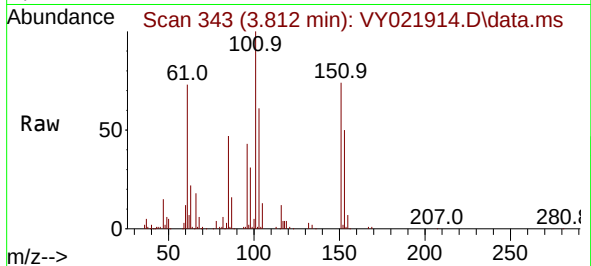




#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.480 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

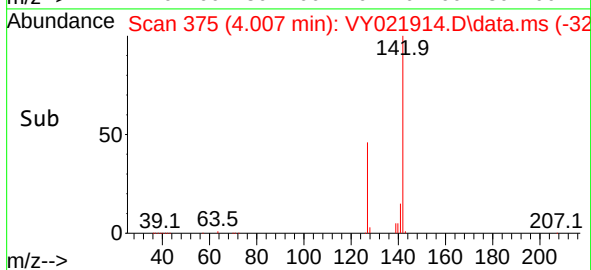
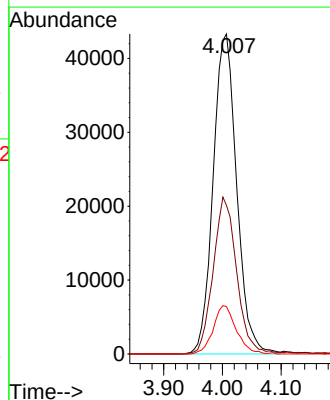
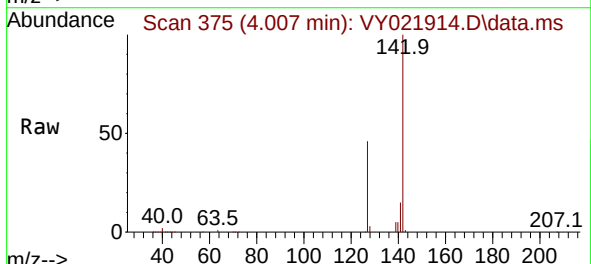
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

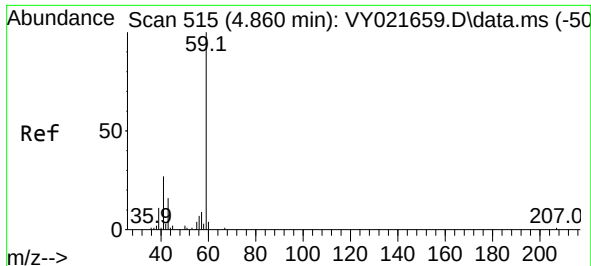
Tgt Ion:101 Resp: 100987
Ion Ratio Lower Upper
101 100
85 46.5 36.3 54.5
151 78.6 61.3 91.9



#10
Methyl Iodide
Concen: 66.881 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion:142 Resp: 120521
Ion Ratio Lower Upper
142 100
127 48.9 38.7 58.1
141 14.7 11.5 17.3

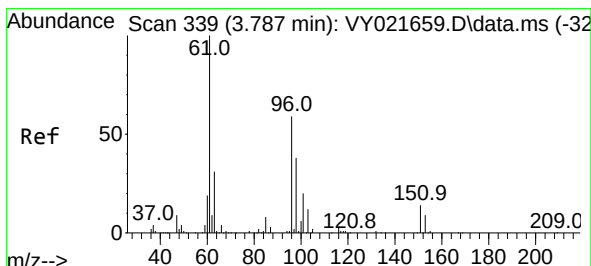
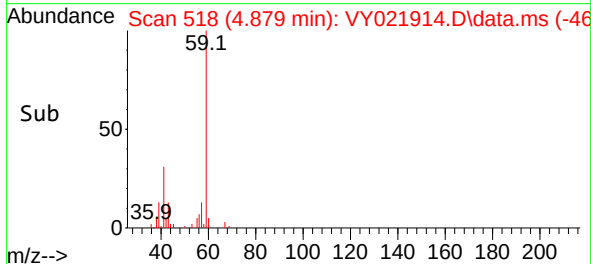
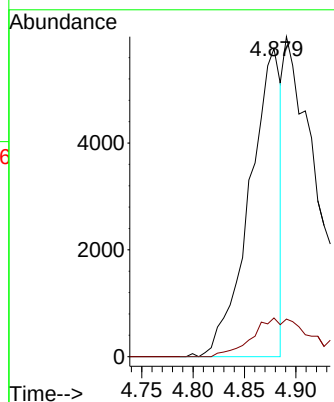
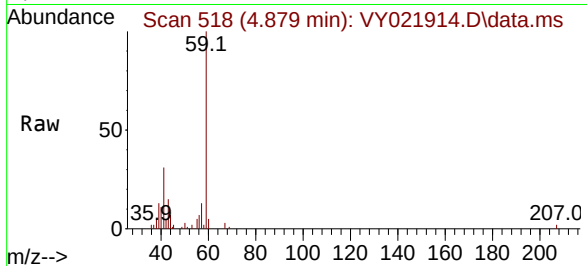




#11
Tert butyl alcohol
Concen: 118.163 ug/l
RT: 4.879 min Scan# 515
Delta R.T. 0.019 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

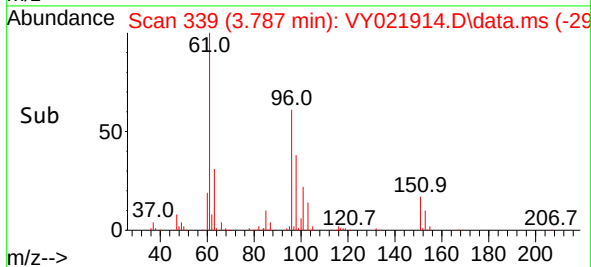
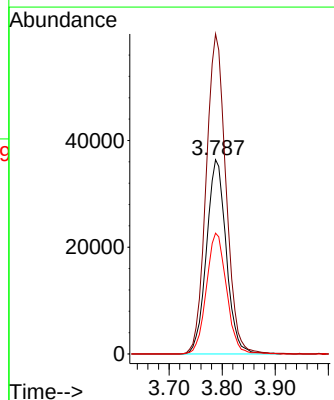
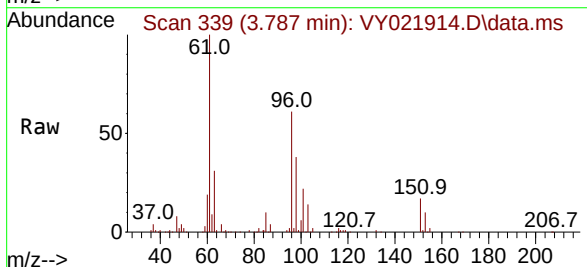
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

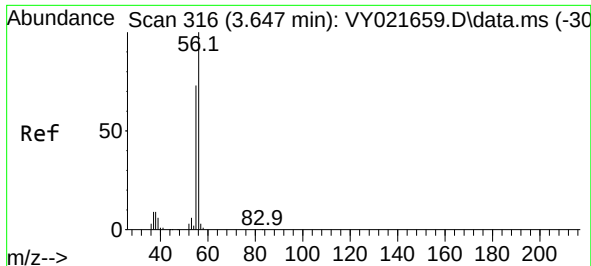
Tgt Ion: 59 Resp: 12266
Ion Ratio Lower Upper
59 100
57 21.5 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 60.825 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 96 Resp: 94108
Ion Ratio Lower Upper
96 100
61 164.7 136.6 204.8
98 62.2 52.3 78.5





#13

Acrolein

Concen: 49.440 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

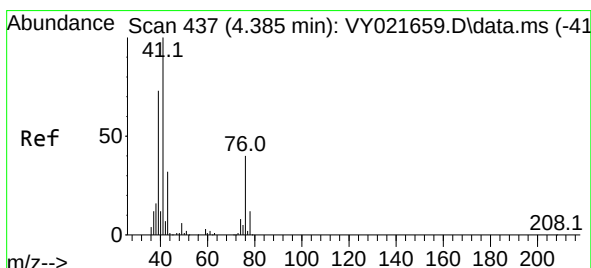
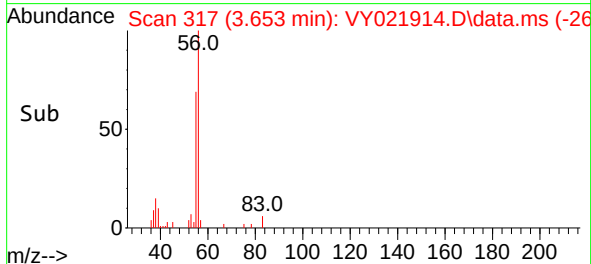
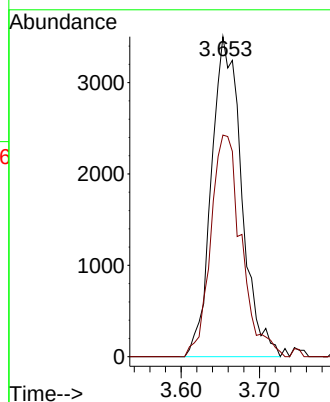
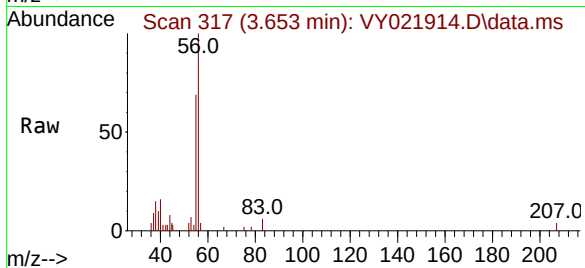
VSTDCCC050EC

Tgt Ion: 56 Resp: 9371

Ion Ratio Lower Upper

56 100

55 70.3 56.6 85.0



#14

Allyl chloride

Concen: 61.506 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

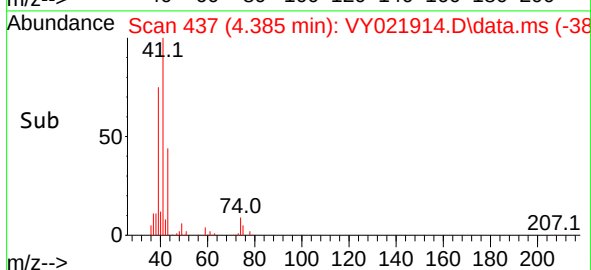
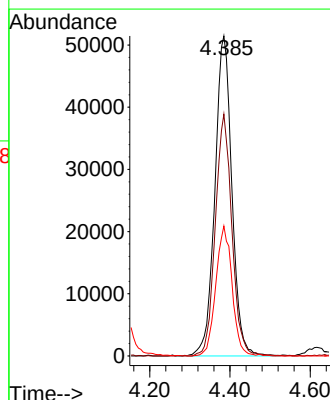
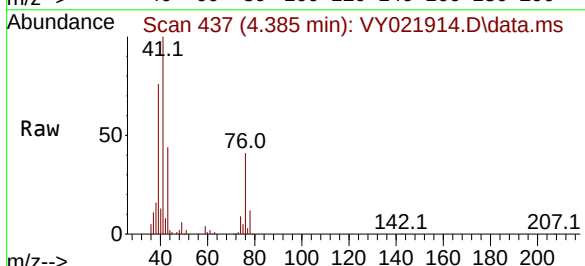
Tgt Ion: 41 Resp: 151727

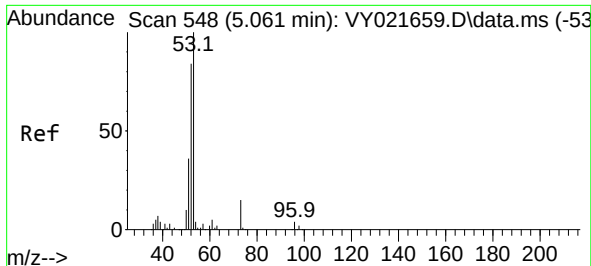
Ion Ratio Lower Upper

41 100

39 73.6 58.6 88.0

76 38.8 30.3 45.5

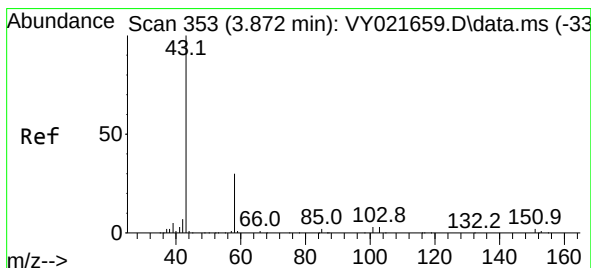
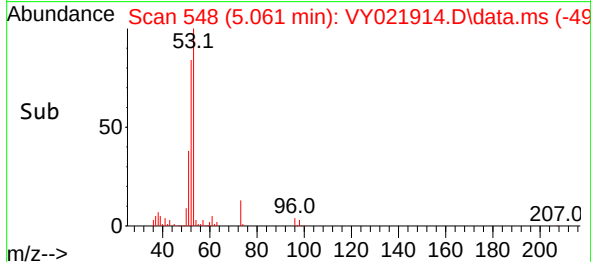
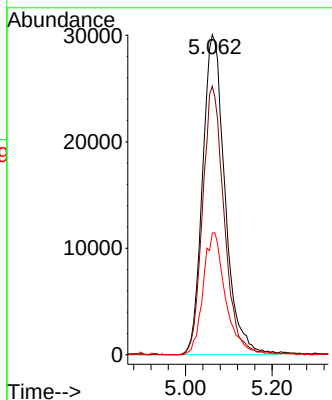
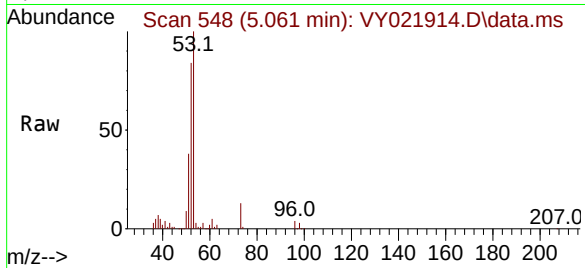




#15
Acrylonitrile
Concen: 305.611 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

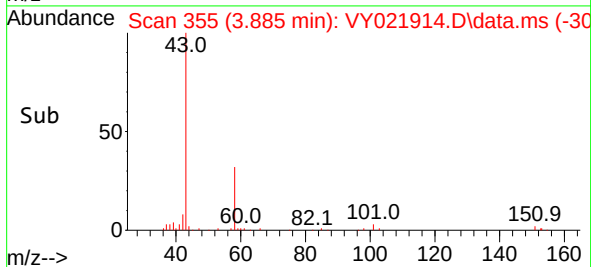
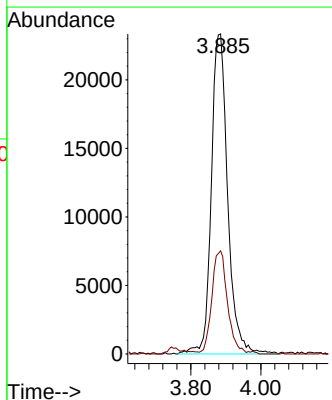
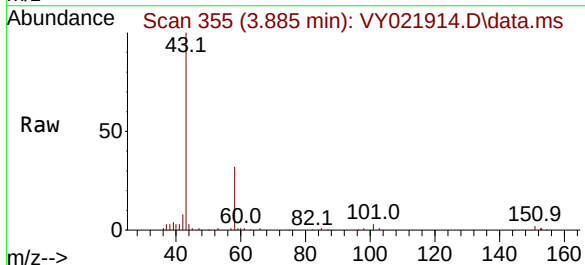
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

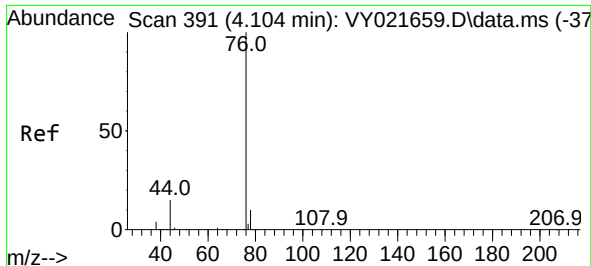
Tgt Ion: 53 Resp: 108074
Ion Ratio Lower Upper
53 100
52 80.6 64.9 97.3
51 38.3 30.2 45.2



#16
Acetone
Concen: 231.895 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 43 Resp: 75849
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4

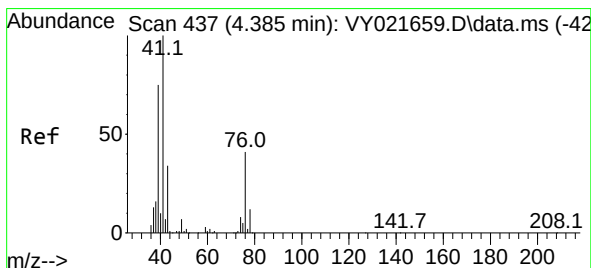
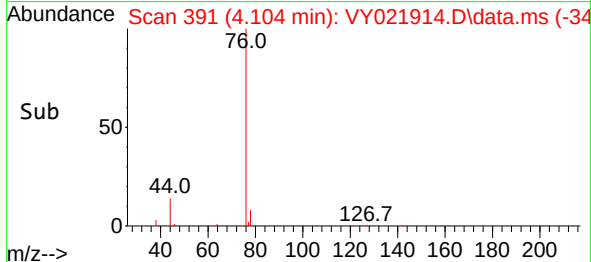
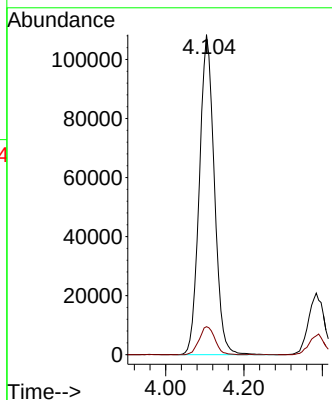
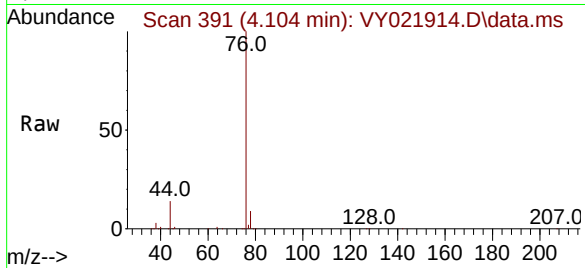




#17
Carbon Disulfide
Concen: 56.486 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

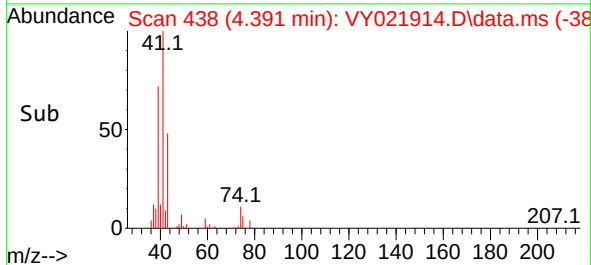
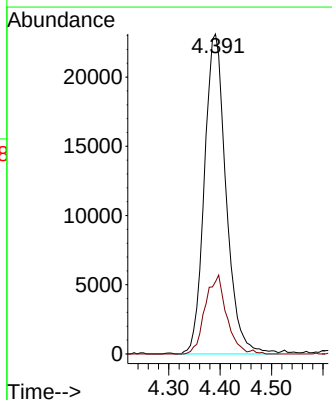
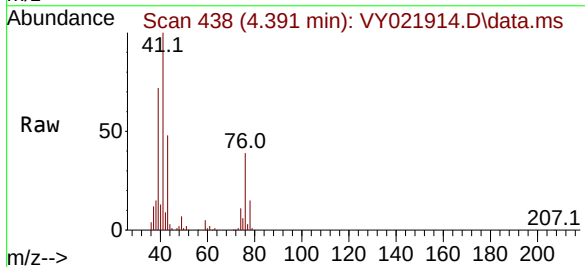
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

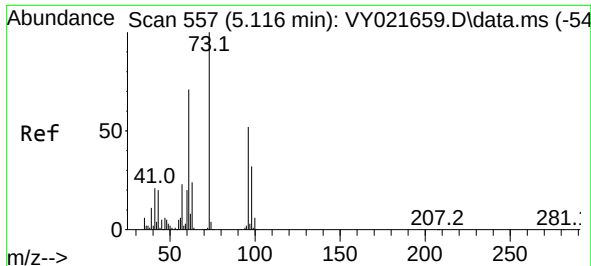
Tgt Ion: 76 Resp: 287850
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 83.609 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 43 Resp: 67777
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 62.532 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

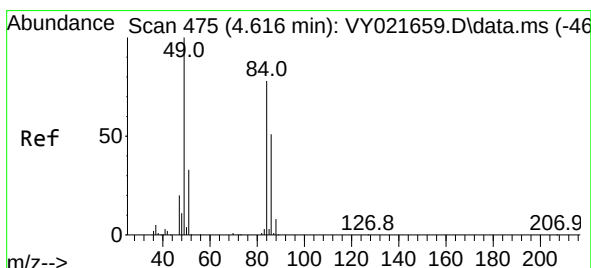
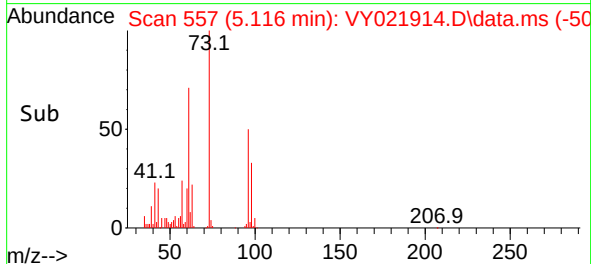
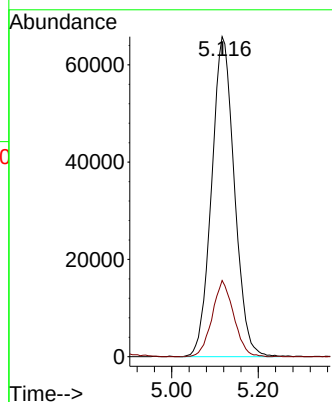
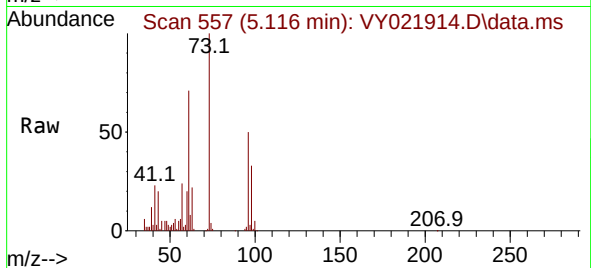
VSTDCCC050EC

Tgt Ion: 73 Resp: 240872

Ion Ratio Lower Upper

73 100

57 23.8 18.1 27.1



#20

Methylene Chloride

Concen: 69.011 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Tgt Ion: 84 Resp: 108099

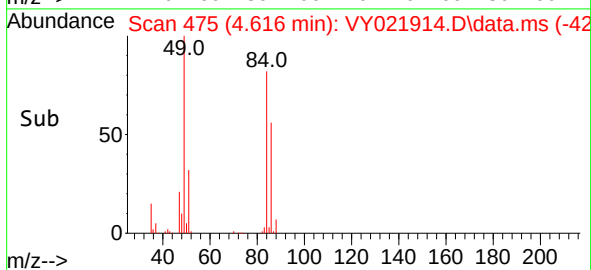
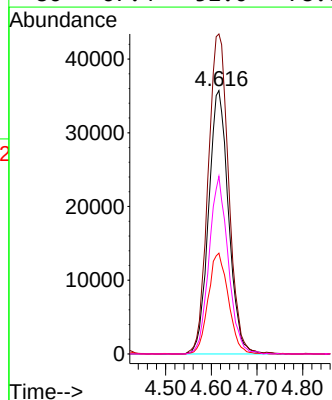
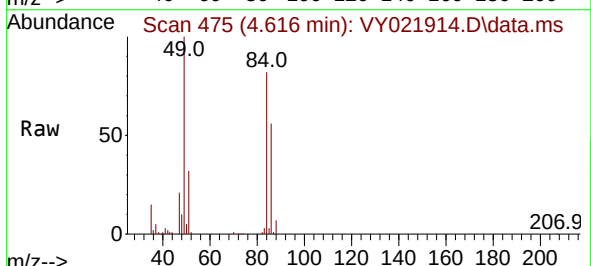
Ion Ratio Lower Upper

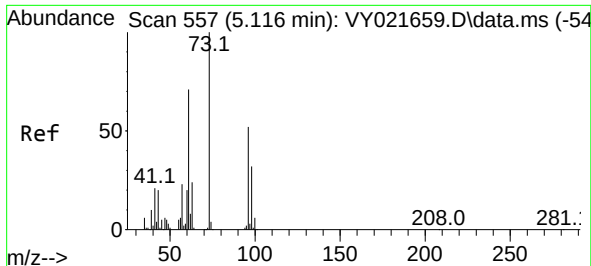
84 100

49 121.5 102.8 154.2

51 38.3 33.5 50.3

86 67.4 52.0 78.0

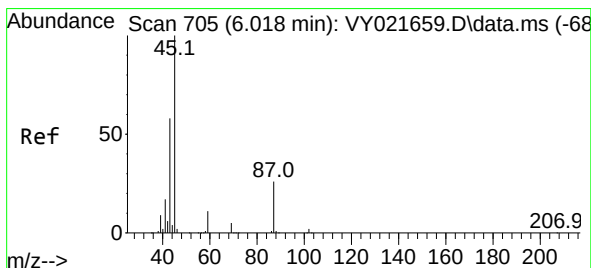
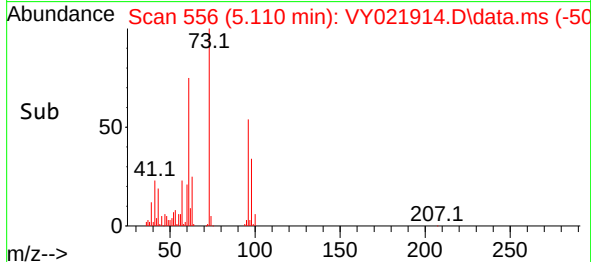
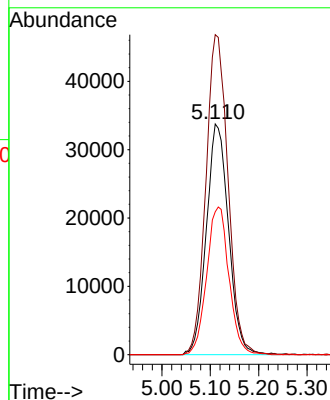
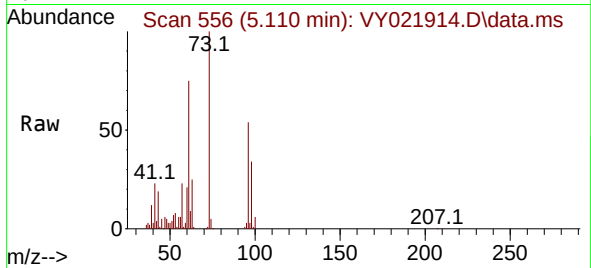




#21
trans-1,2-Dichloroethene
Concen: 63.084 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

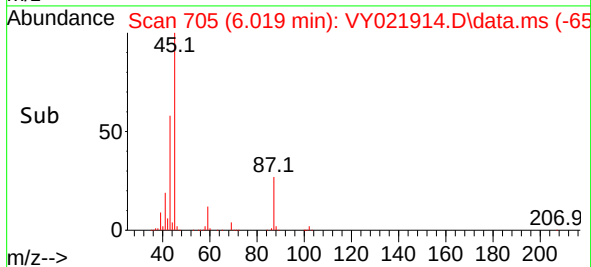
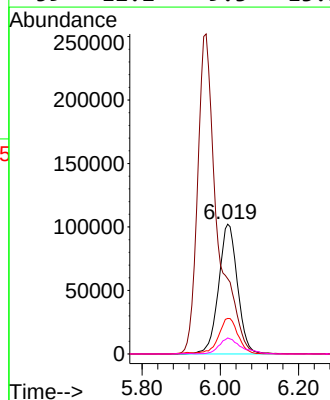
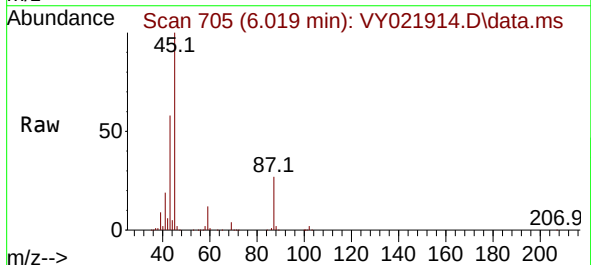
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

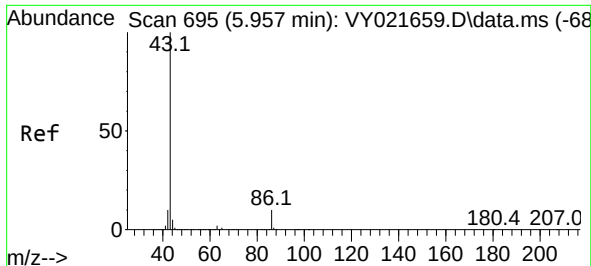
Tgt Ion: 96 Resp: 107463
Ion Ratio Lower Upper
96 100
61 138.7 109.4 164.0
98 61.9 50.2 75.2



#22
Diisopropyl ether
Concen: 66.210 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 45 Resp: 342623
Ion Ratio Lower Upper
45 100
43 57.7 46.6 69.8
87 27.3 20.7 31.1
59 12.2 9.3 13.9

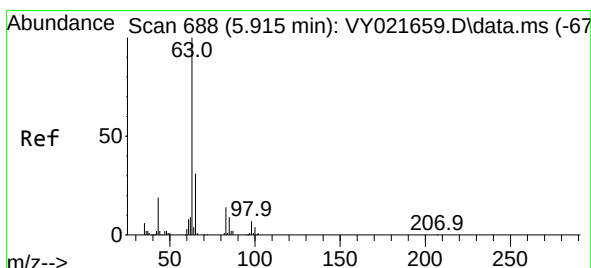
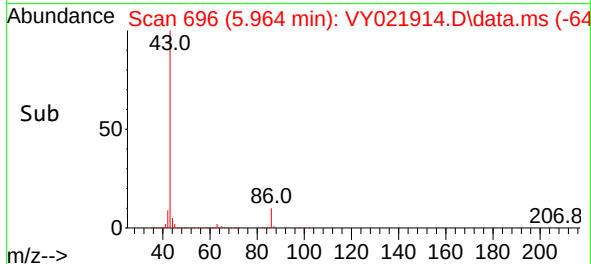
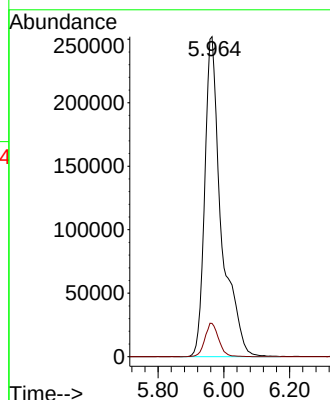
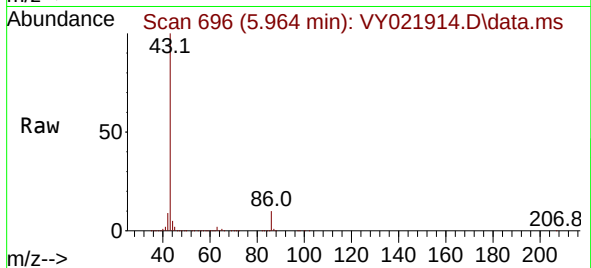




#23
 Vinyl Acetate
 Concen: 291.672 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021914.D
 Acq: 17 Apr 2025 16:25

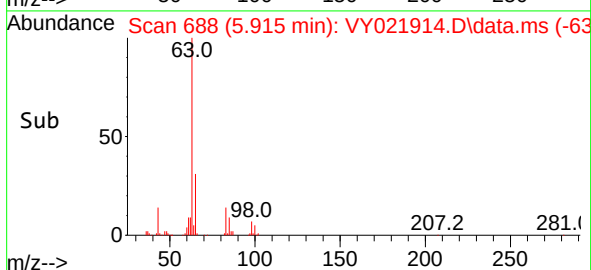
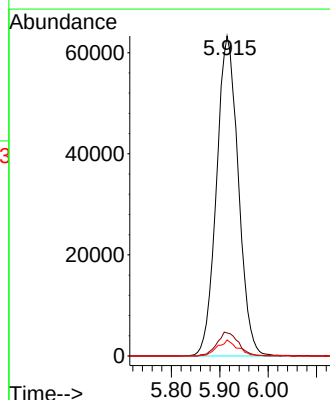
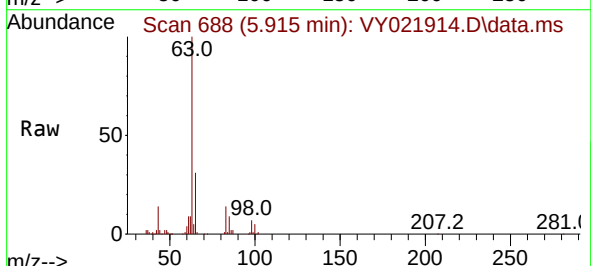
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

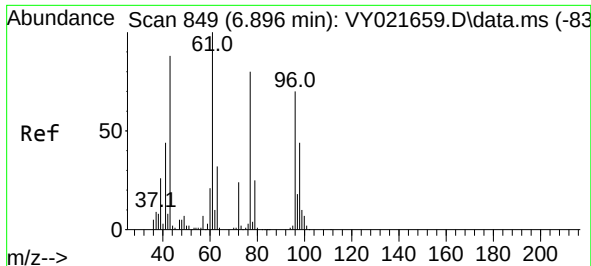
Tgt Ion: 43 Resp: 882974
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 63.981 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021914.D
 Acq: 17 Apr 2025 16:25

Tgt Ion: 63 Resp: 197976
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 5.0 2.2 6.6

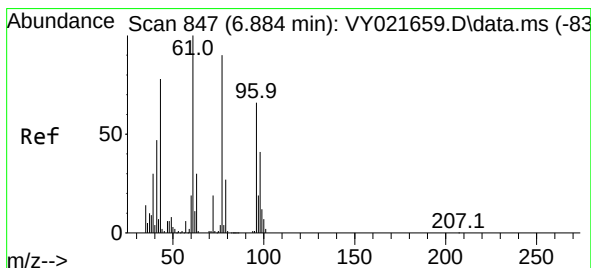
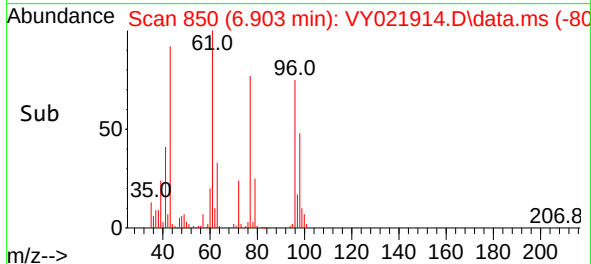
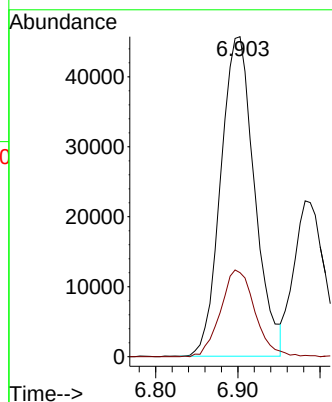
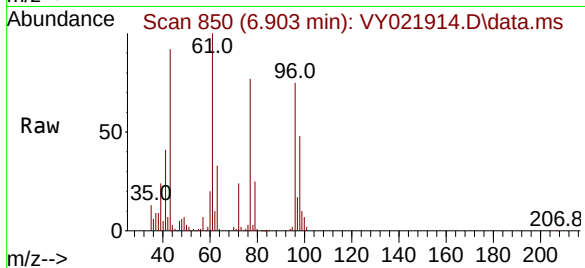




#25
2-Butanone
Concen: 279.485 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

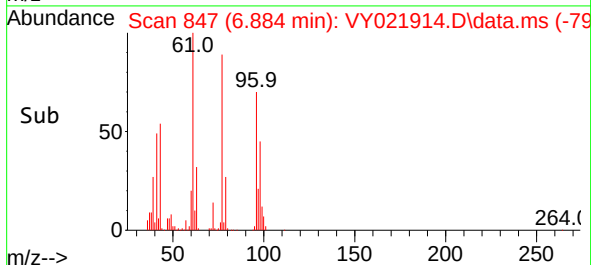
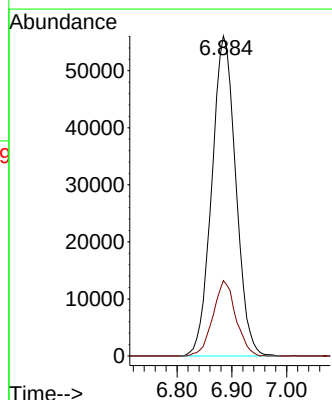
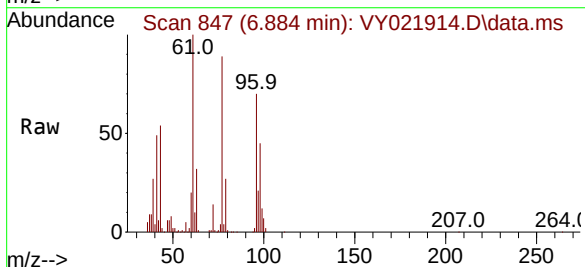
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

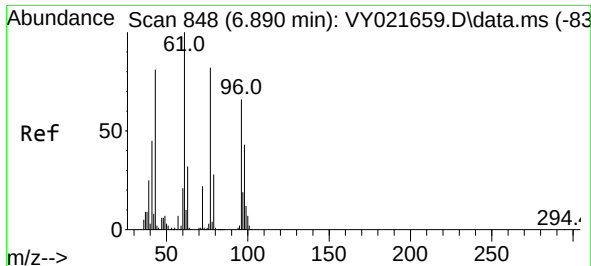
Tgt Ion: 43 Resp: 130569
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 62.026 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 77 Resp: 170723
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 65.707 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

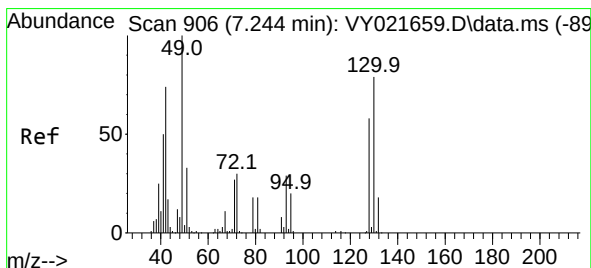
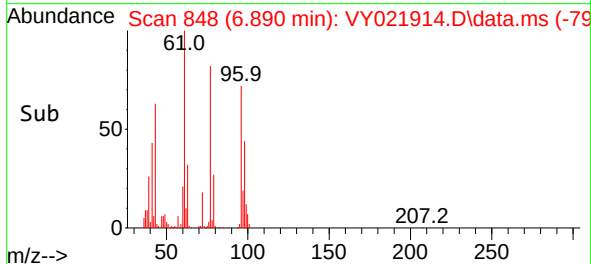
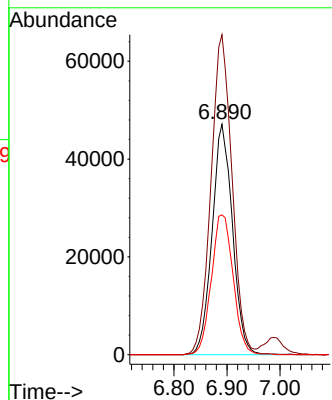
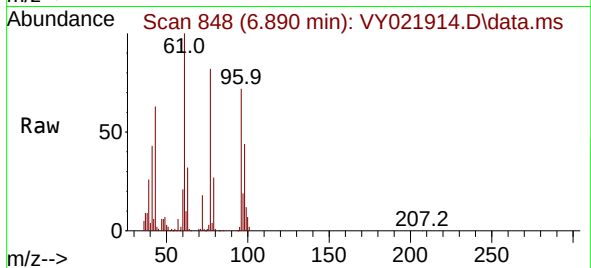
Tgt Ion: 96 Resp: 125875

Ion Ratio Lower Upper

96 100

61 143.2 0.0 296.4

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 64.179 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

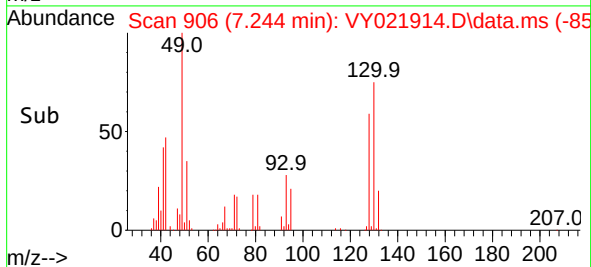
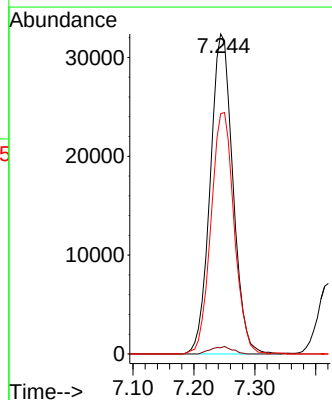
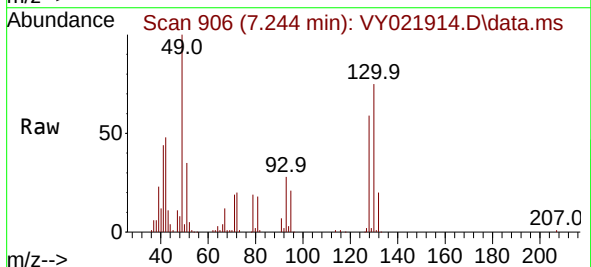
Tgt Ion: 49 Resp: 83752

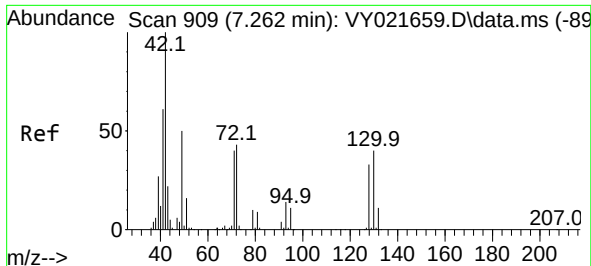
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 76.8 60.1 90.1

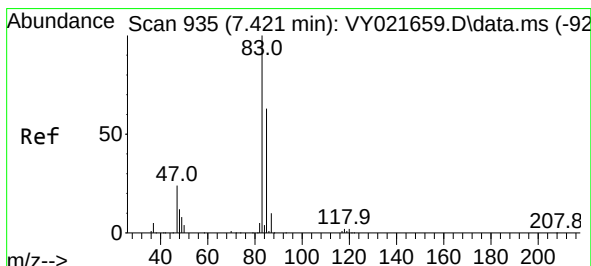
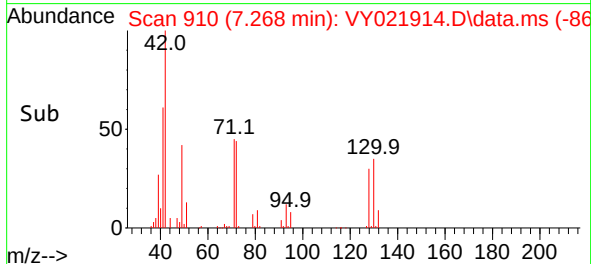
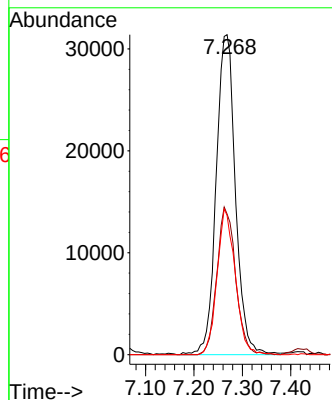
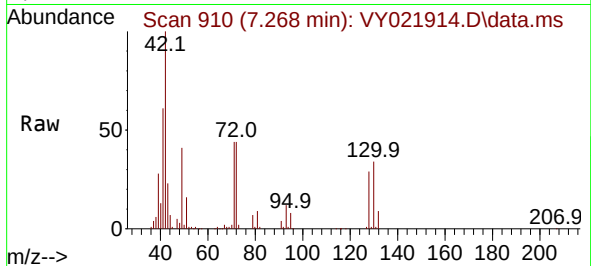




#29
Tetrahydrofuran
Concen: 290.179 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

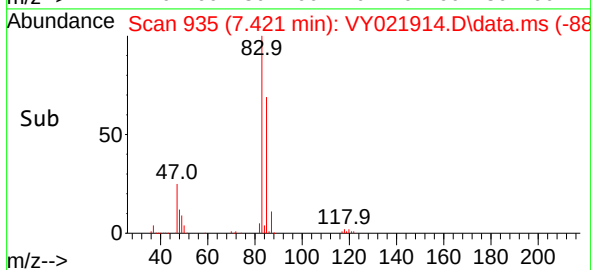
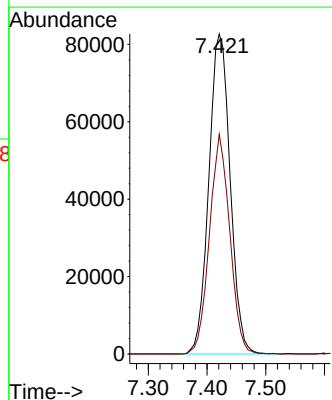
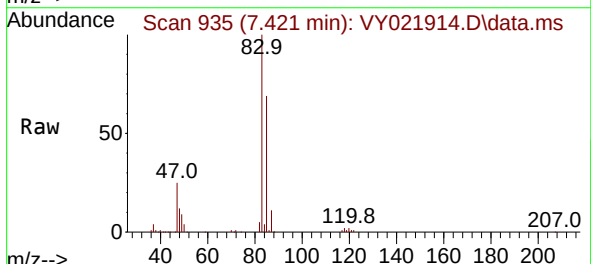
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

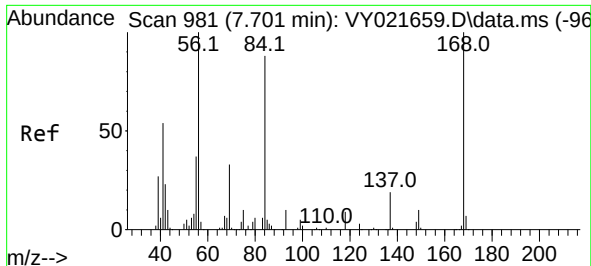
Tgt Ion: 42 Resp: 87248
Ion Ratio Lower Upper
42 100
72 44.8 34.6 52.0
71 42.8 32.5 48.7



#30
Chloroform
Concen: 64.767 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 83 Resp: 208444
Ion Ratio Lower Upper
83 100
85 68.6 50.6 75.8

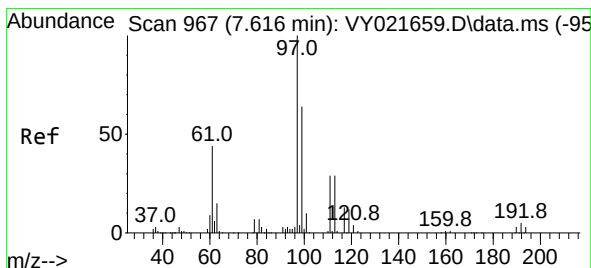
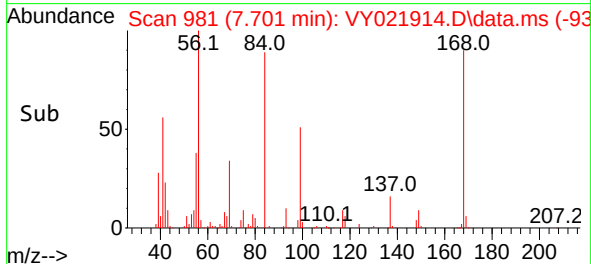
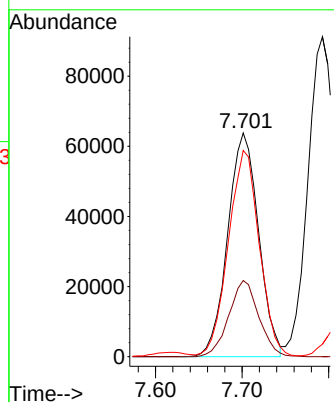
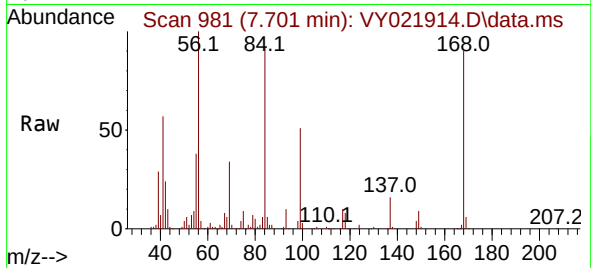




#31
Cyclohexane
Concen: 55.932 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

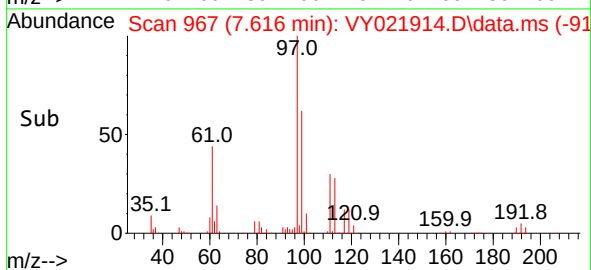
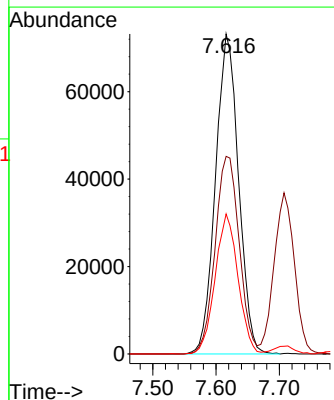
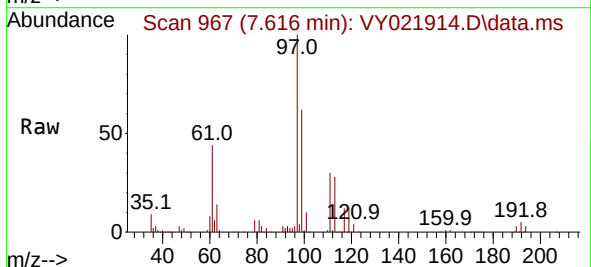
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

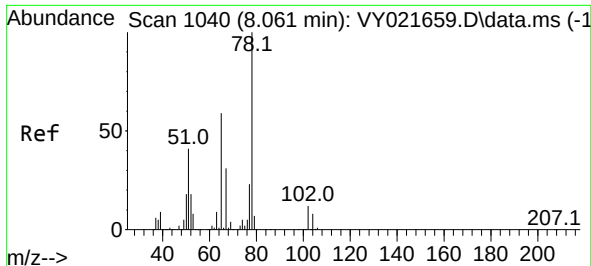
Tgt Ion: 56 Resp: 157765
Ion Ratio Lower Upper
56 100
69 34.0 26.6 40.0
84 90.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 63.647 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 97 Resp: 185137
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 66.193 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

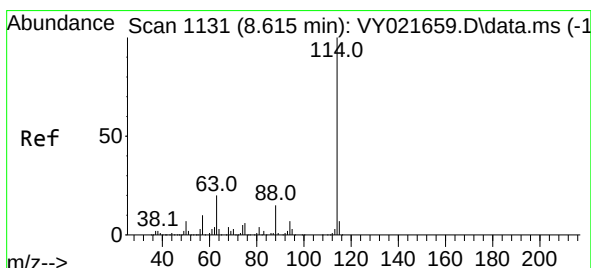
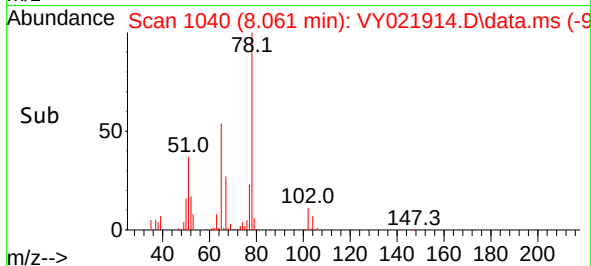
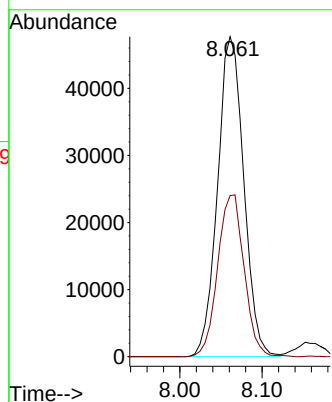
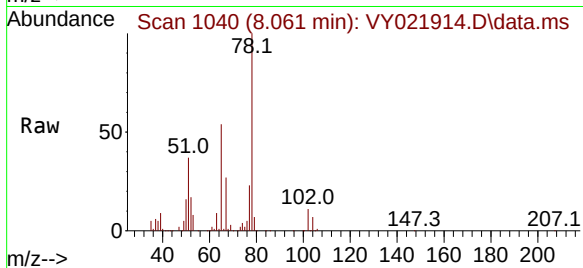
VSTDCCC050EC

Tgt Ion: 65 Resp: 105788

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

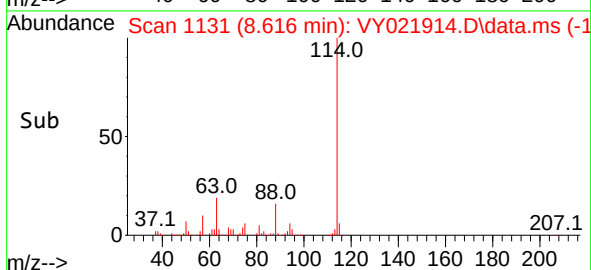
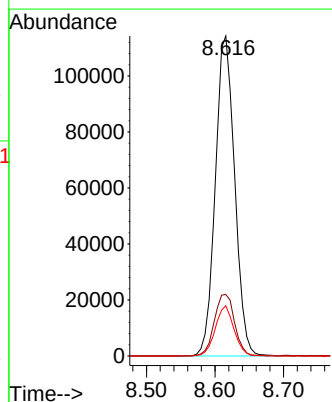
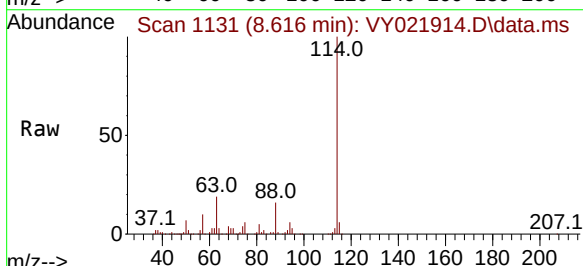
Tgt Ion: 114 Resp: 223491

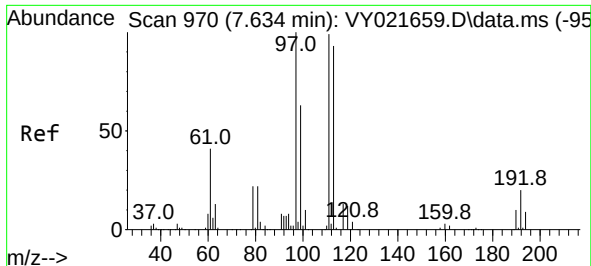
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 15.7 0.0 29.8

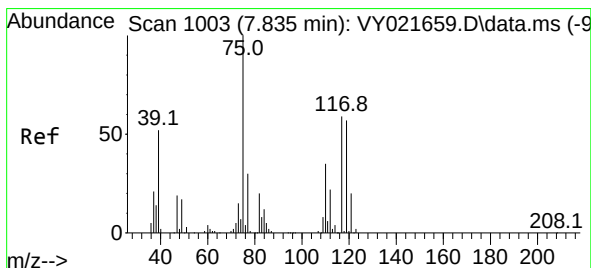
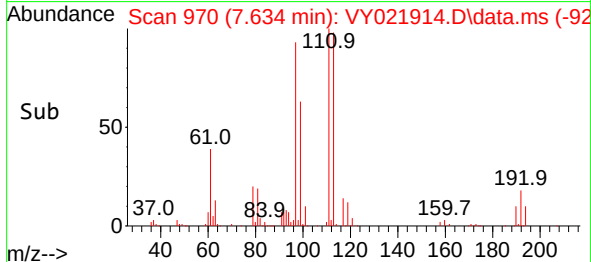
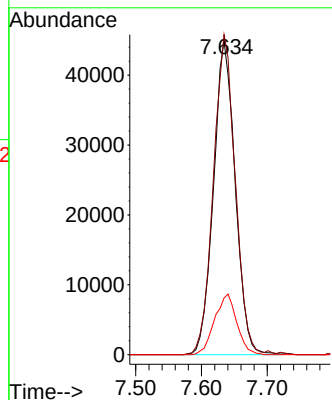
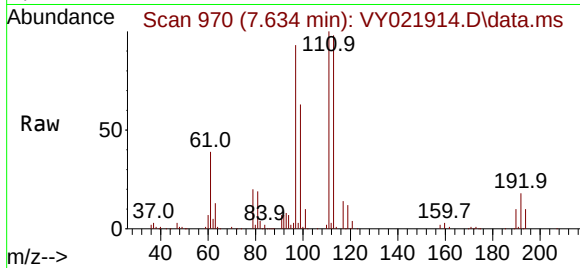




#35
Dibromofluoromethane
Concen: 71.159 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

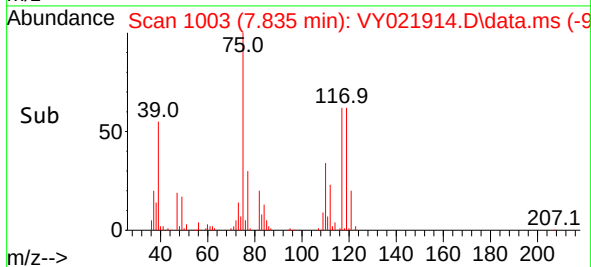
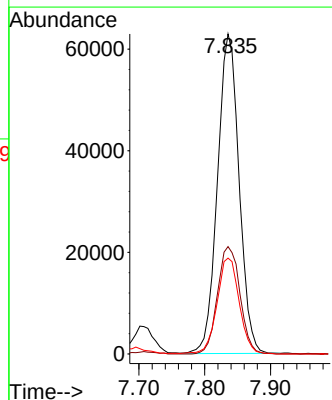
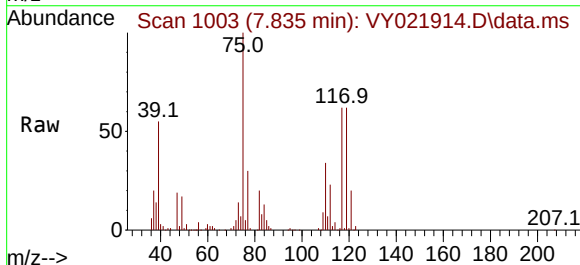
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

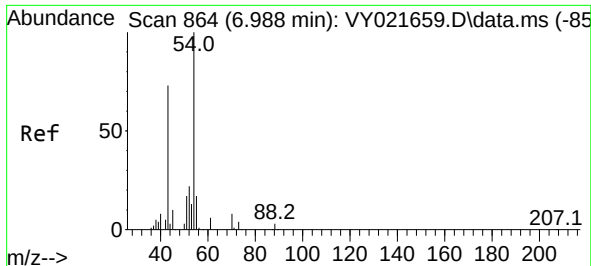
Tgt Ion:113 Resp: 103163
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 65.189 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 75 Resp: 143951
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 57.443 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

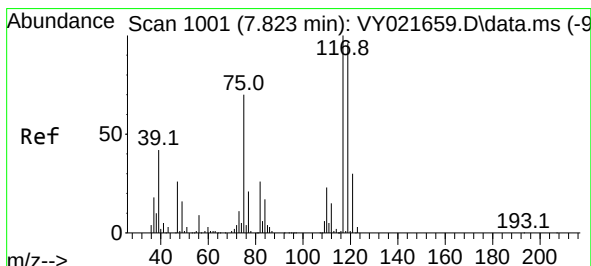
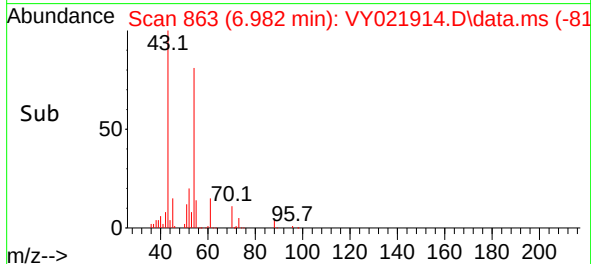
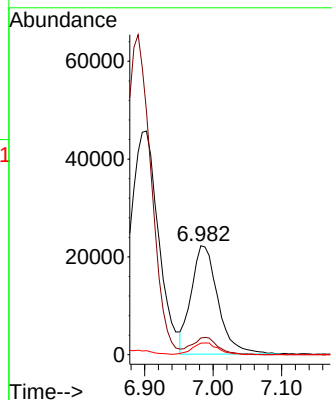
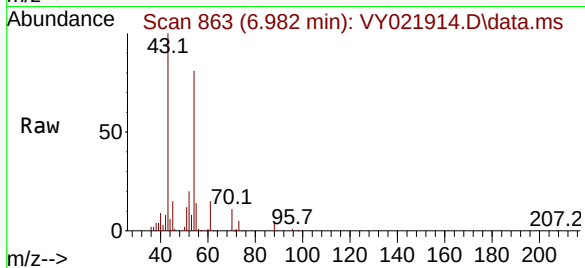
Tgt Ion: 43 Resp: 59864

Ion Ratio Lower Upper

43 100

61 15.8 11.0 16.6

70 10.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 65.968 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

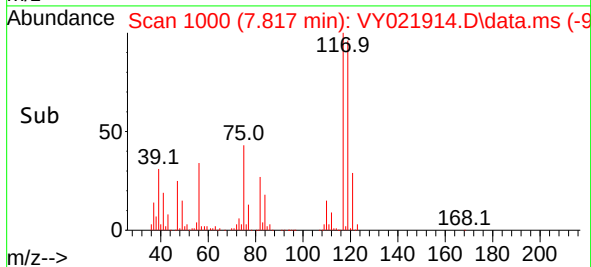
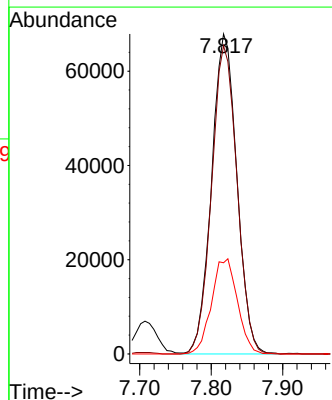
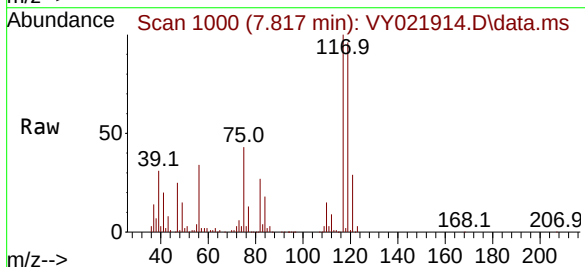
Tgt Ion: 117 Resp: 166843

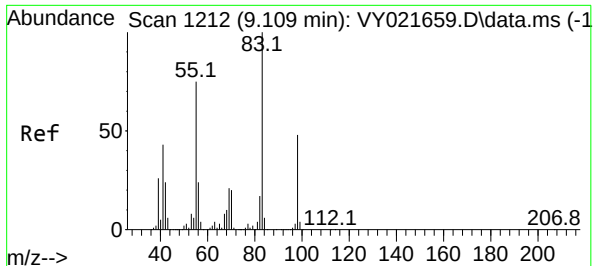
Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.4

121 28.5 24.2 36.4





#39

Methylcyclohexane

Concen: 64.806 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

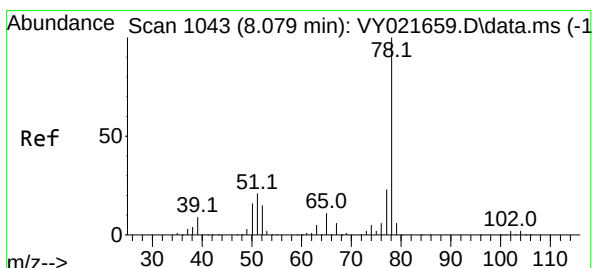
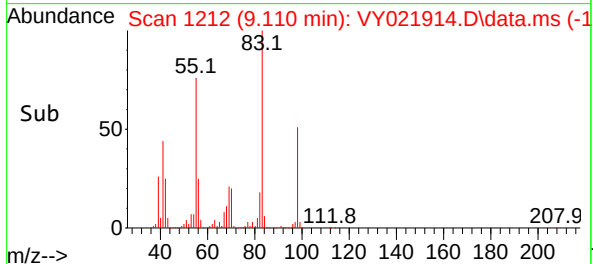
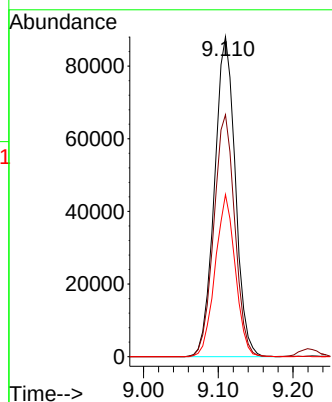
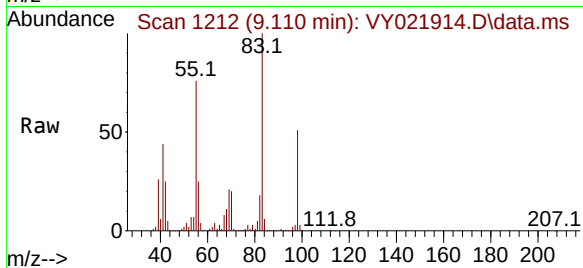
Tgt Ion: 83 Resp: 170953

Ion Ratio Lower Upper

83 100

55 75.6 59.7 89.5

98 50.7 38.3 57.5



#40

Benzene

Concen: 68.028 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021914.D

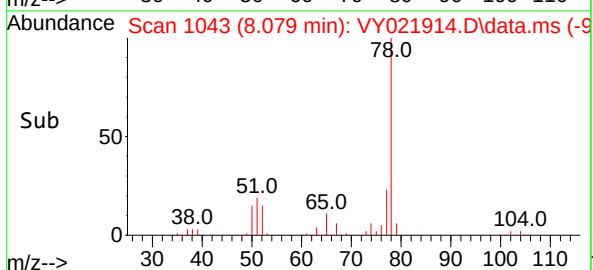
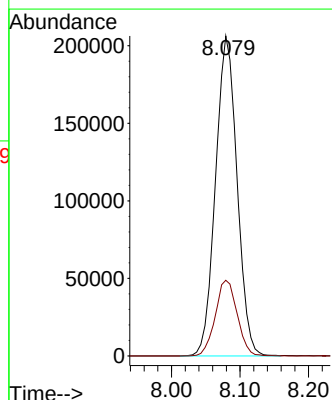
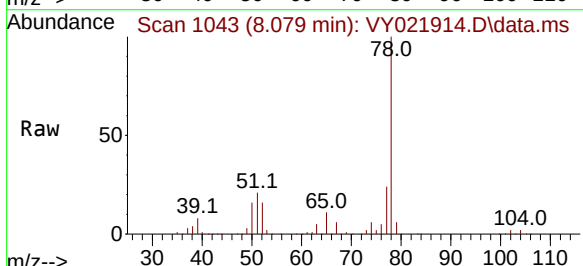
Acq: 17 Apr 2025 16:25

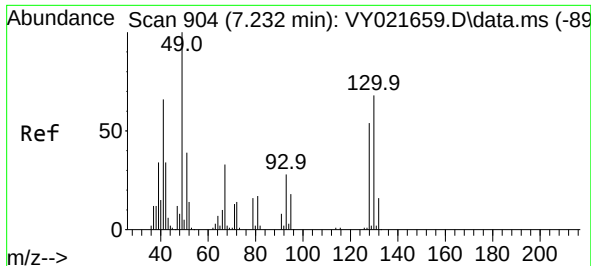
Tgt Ion: 78 Resp: 449870

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

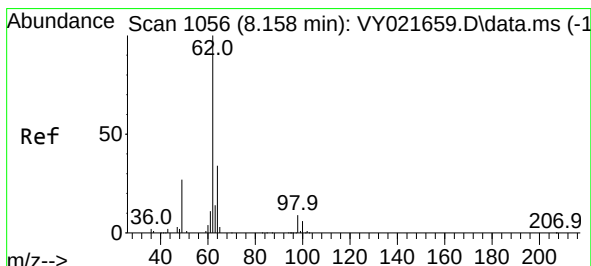
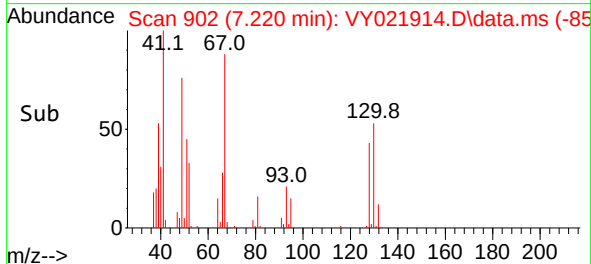
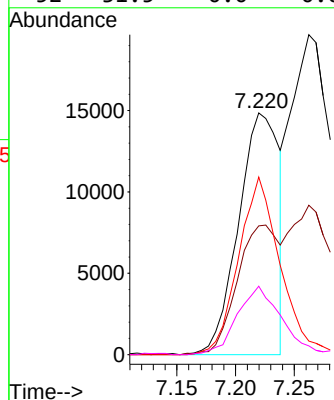
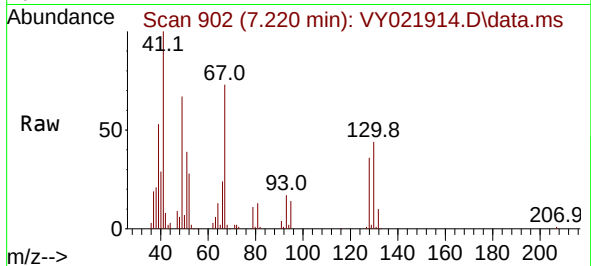




#41
Methacrylonitrile
Concen: 64.407 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

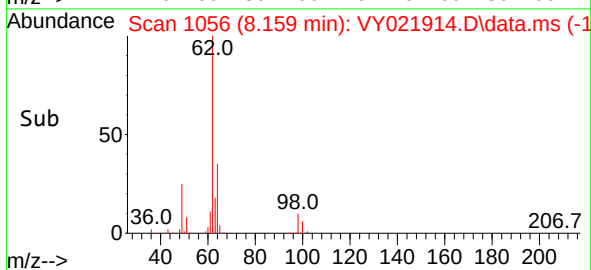
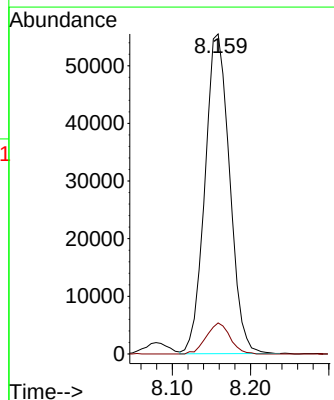
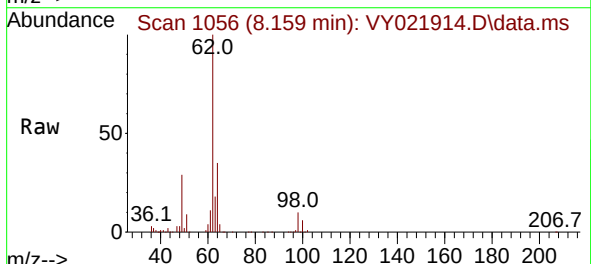
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

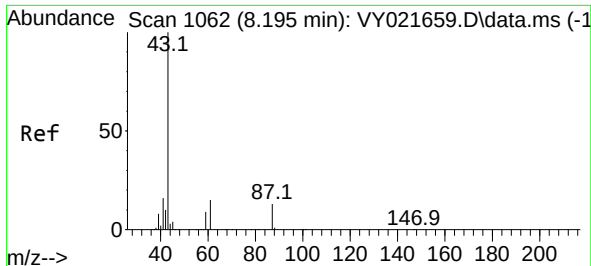
Tgt Ion:	41	Resp:	35646
Ion	Ratio	Lower	Upper
41	100		
39	55.4	0.0	0.0#
67	75.8	0.0	0.0#
52	31.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 65.201 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion:	62	Resp:	121555
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

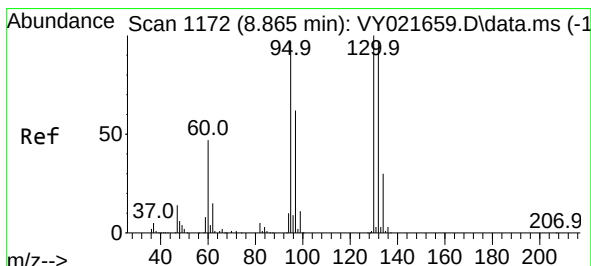
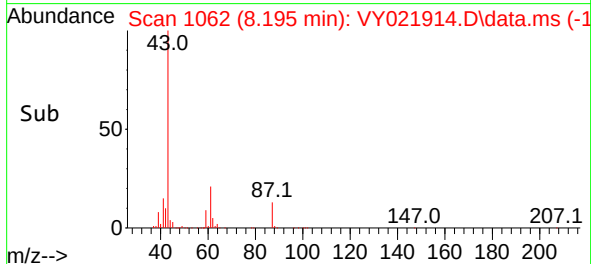
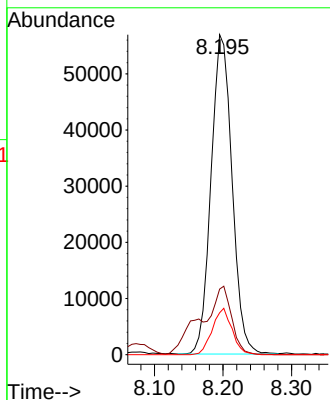
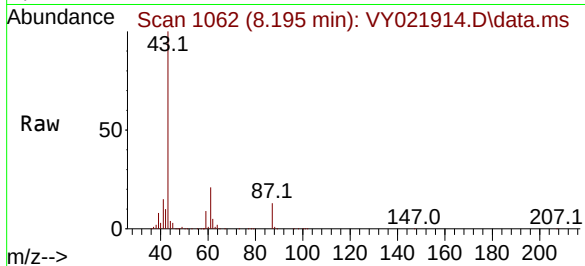




#43
Isopropyl Acetate
Concen: 61.257 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

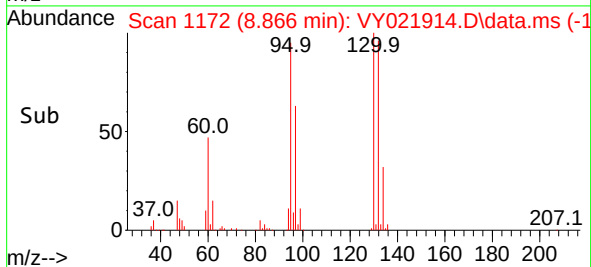
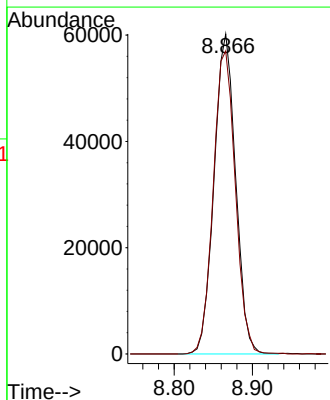
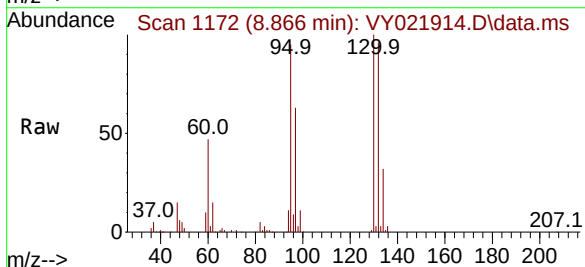
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

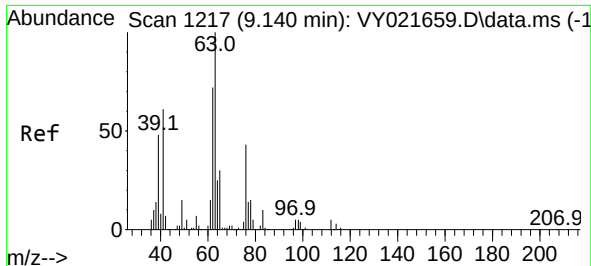
Tgt Ion: 43 Resp: 120978
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 13.6 10.4 15.6



#44
Trichloroethene
Concen: 68.381 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion:130 Resp: 115218
Ion Ratio Lower Upper
130 100
95 94.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 68.546 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

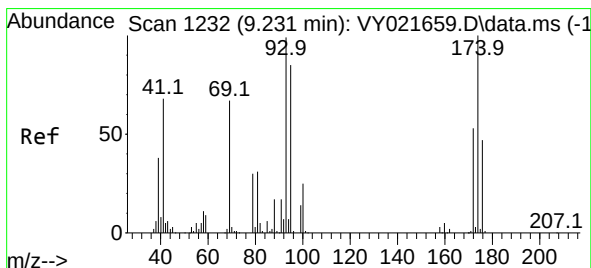
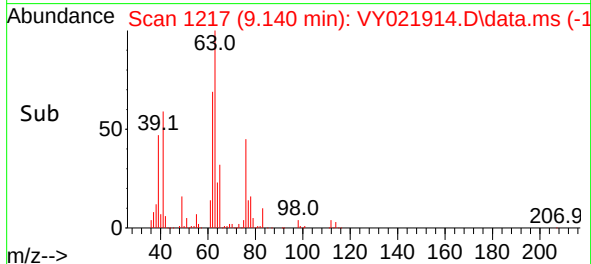
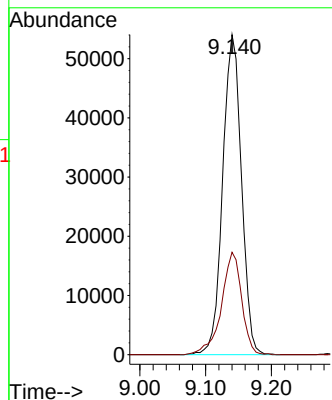
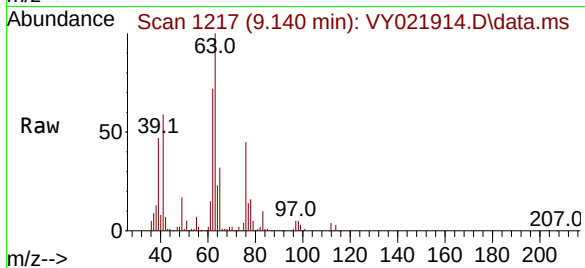
VSTDCCC050EC

Tgt Ion: 63 Resp: 107297

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 68.263 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

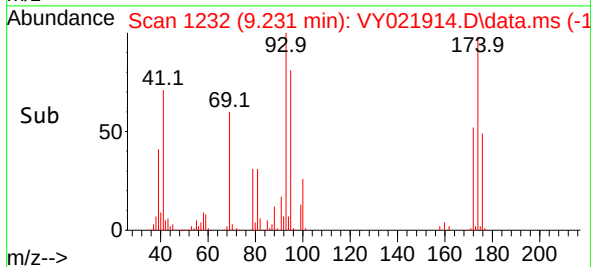
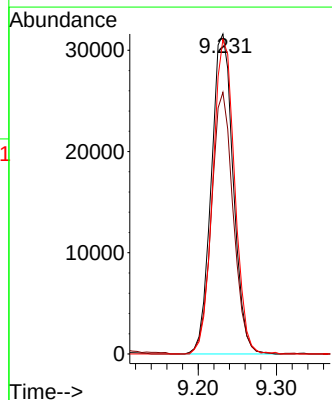
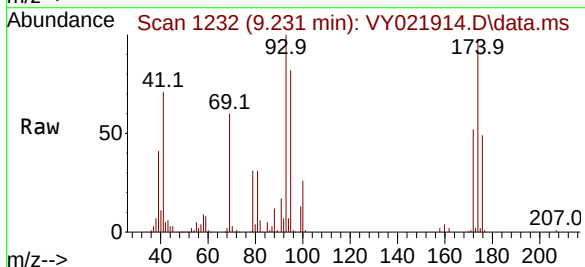
Tgt Ion: 93 Resp: 61583

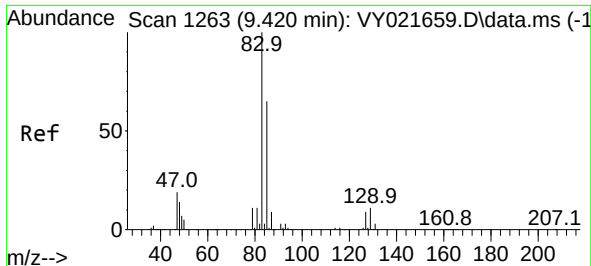
Ion Ratio Lower Upper

93 100

95 81.0 68.1 102.1

174 97.9 80.9 121.3

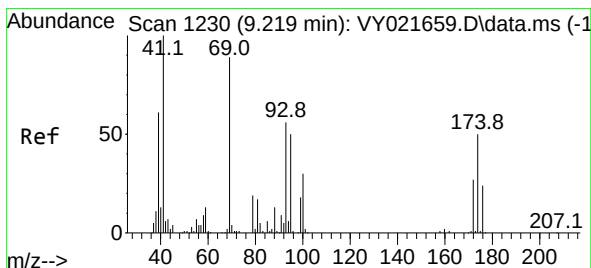
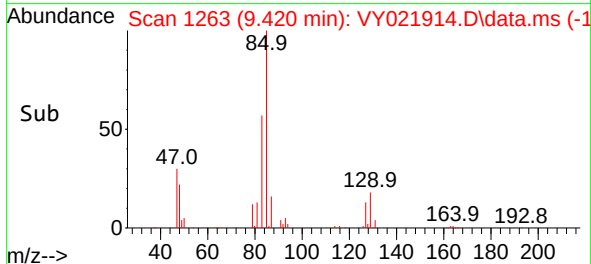
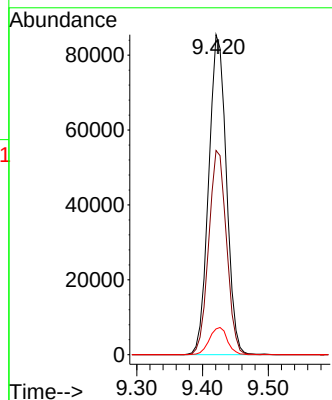
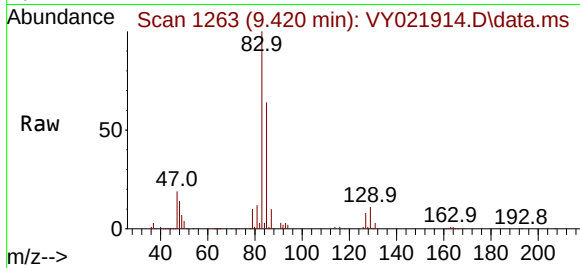




#47
Bromodichloromethane
Concen: 68.412 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

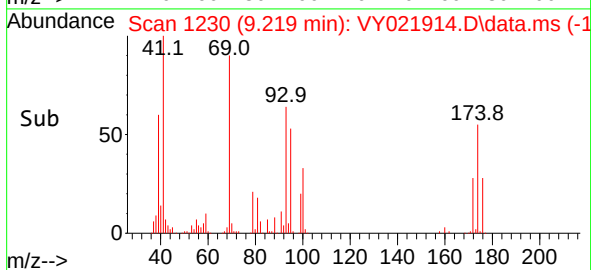
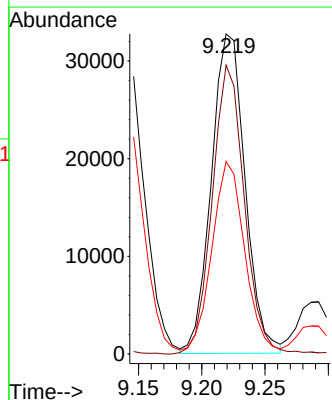
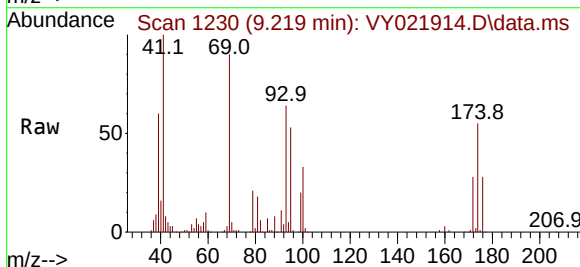
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

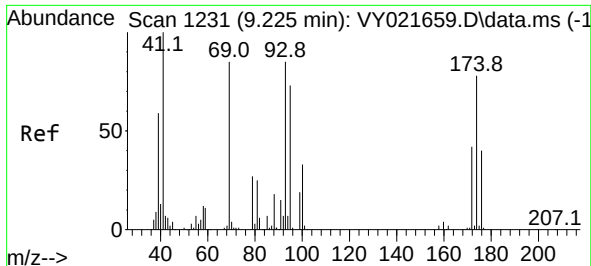
Tgt Ion: 83 Resp: 159921
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 67.042 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 41 Resp: 60768
Ion Ratio Lower Upper
41 100
69 85.9 69.8 104.8
39 56.3 47.2 70.8

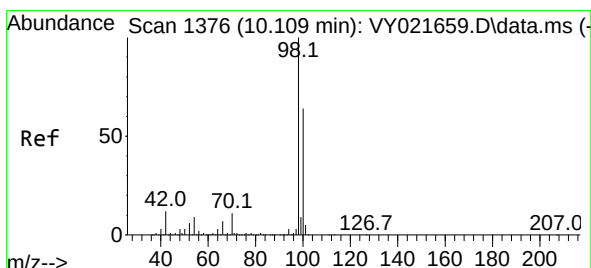
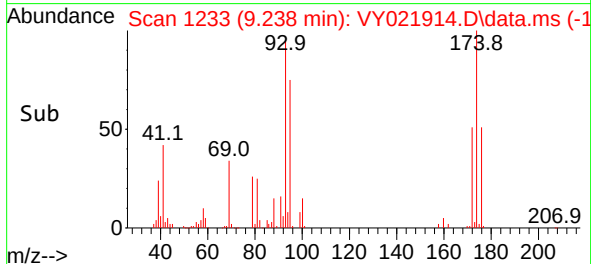
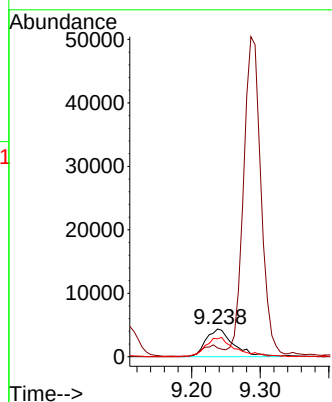
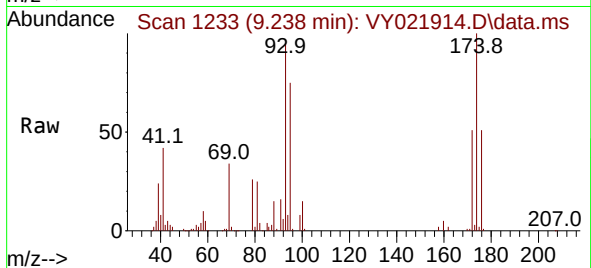




#49
1,4-Dioxane
Concen: 1261.663 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

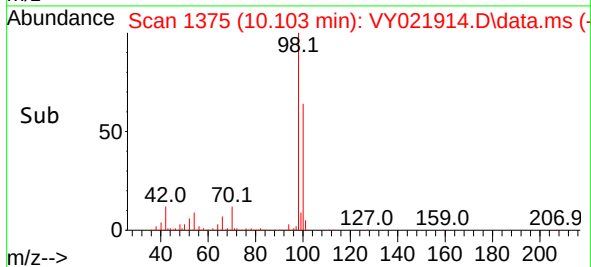
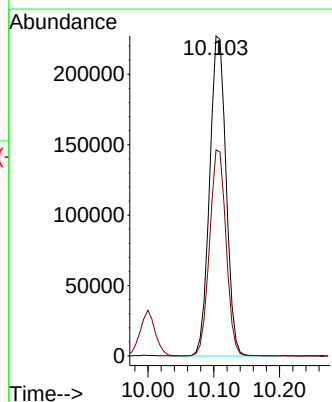
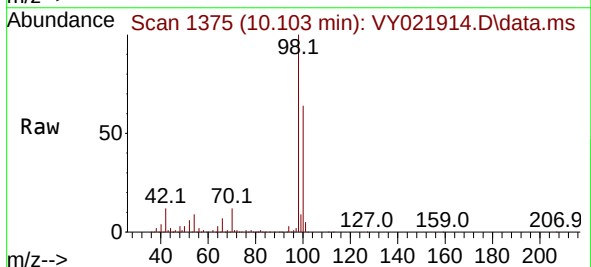
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

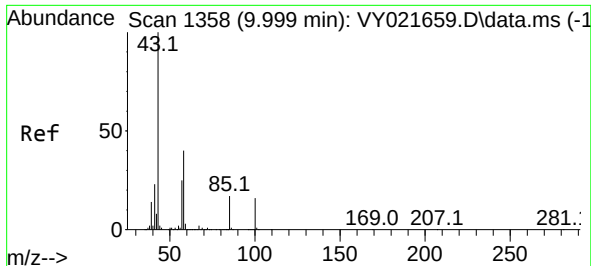
Tgt Ion: 88 Resp: 12193
Ion Ratio Lower Upper
88 100
43 28.2 28.8 43.2#
58 74.6 59.4 89.2



#50
Toluene-d8
Concen: 71.786 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 98 Resp: 395919
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

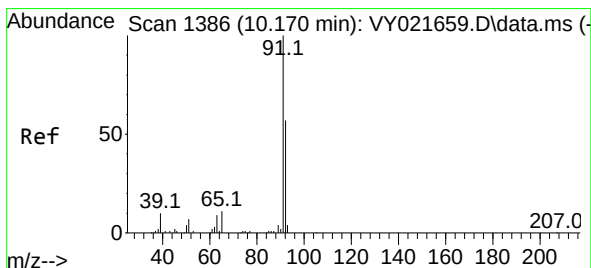
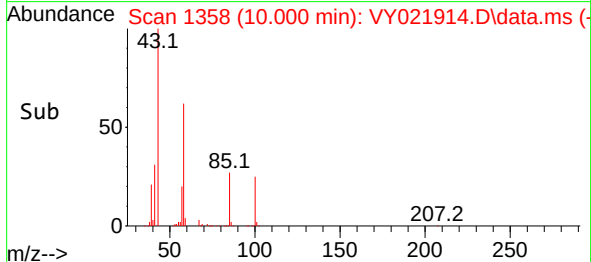
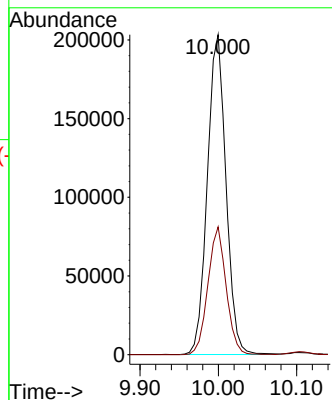
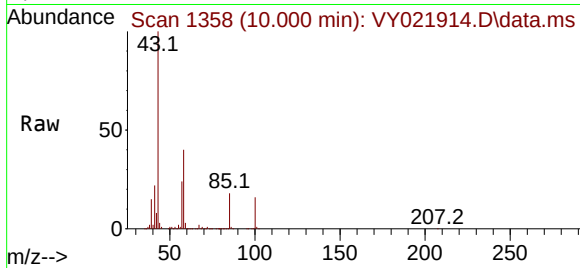




#51
4-Methyl-2-Pentanone
Concen: 326.703 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

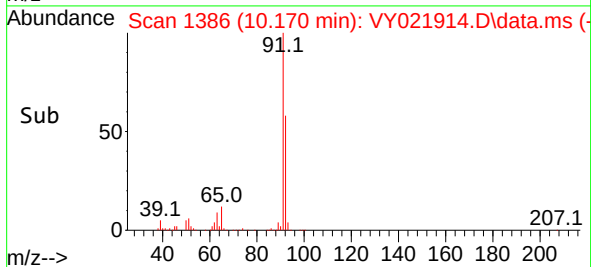
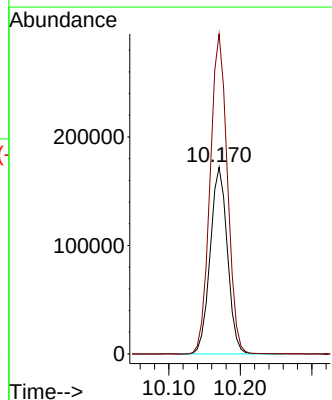
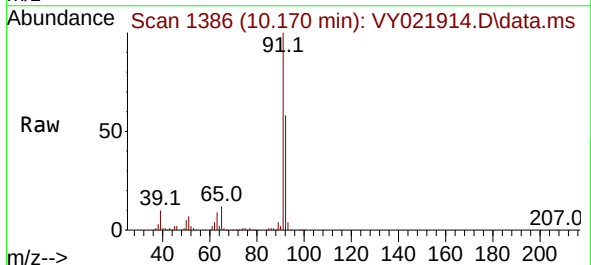
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

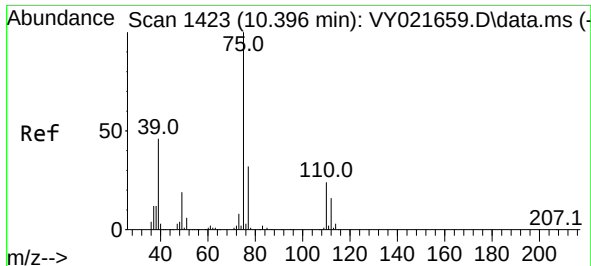
Tgt Ion: 43 Resp: 335769
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3



#52
Toluene
Concen: 69.594 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 92 Resp: 287139
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8

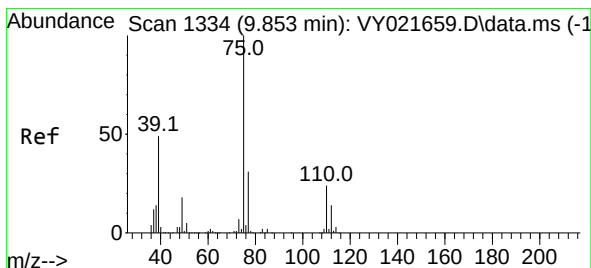
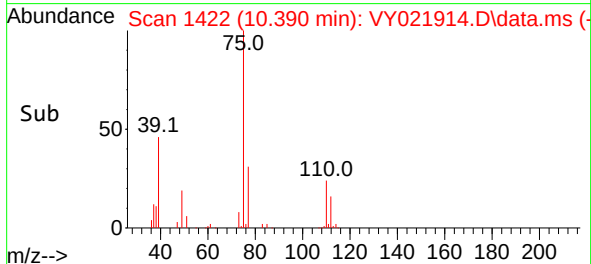
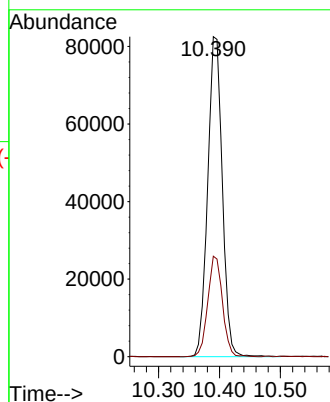
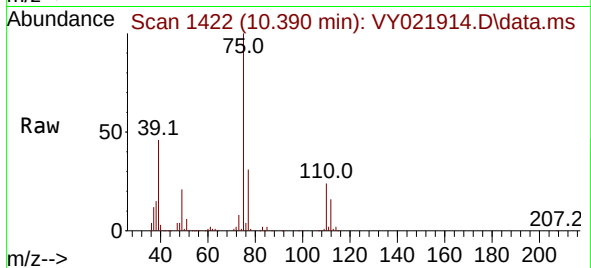




#53
t-1,3-Dichloropropene
Concen: 66.130 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

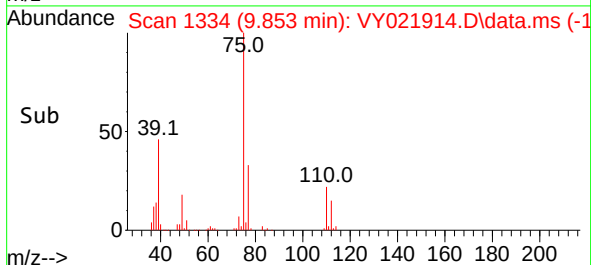
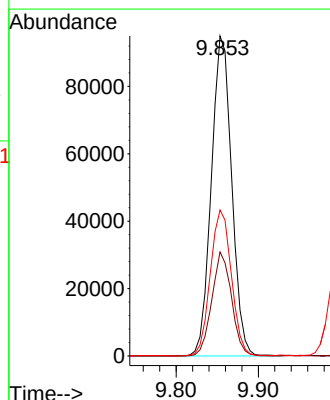
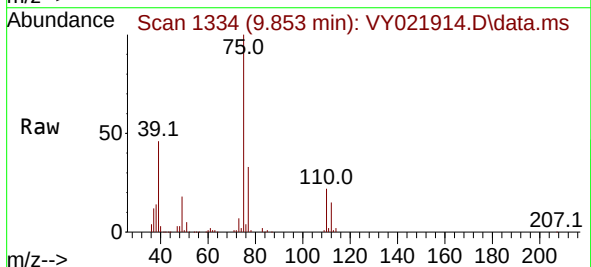
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

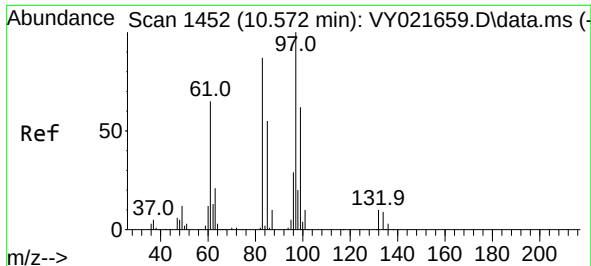
Tgt Ion: 75 Resp: 137306
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 66.720 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 75 Resp: 163430
Ion Ratio Lower Upper
75 100
77 32.5 24.9 37.3
39 45.6 39.2 58.8

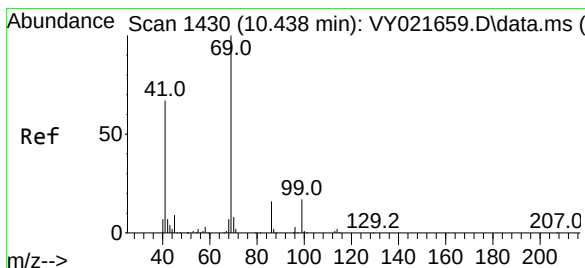
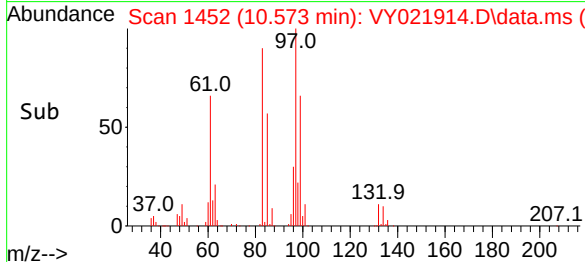
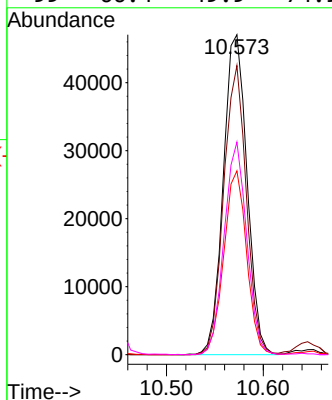
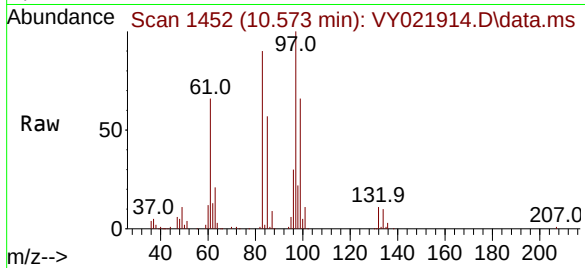




#55
1,1,2-Trichloroethane
Concen: 69.247 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

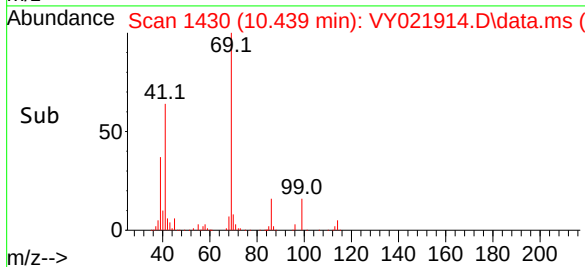
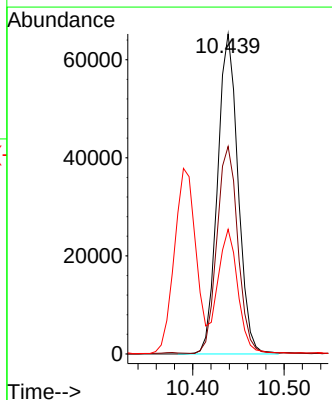
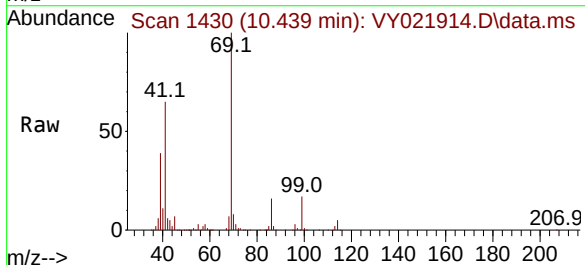
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

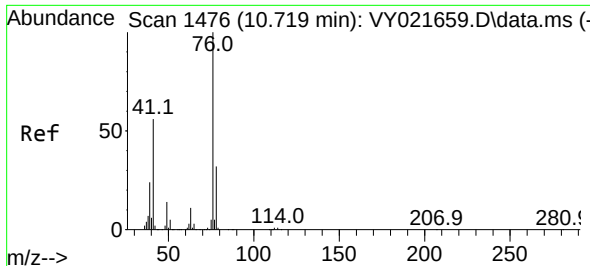
Tgt Ion: 97	Resp: 80392
Ion Ratio	Lower Upper
97 100	
83 90.4	69.5 104.3
85 57.5	43.9 65.9
99 66.4	49.9 74.9



#56
Ethyl methacrylate
Concen: 68.668 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 69	Resp: 101794
Ion Ratio	Lower Upper
69 100	
41 66.0	53.8 80.6
39 38.0	29.6 44.4





#57

1,3-Dichloropropane

Concen: 68.518 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

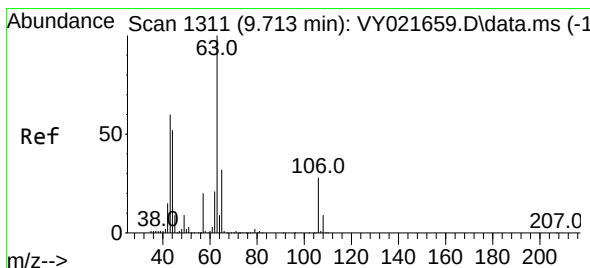
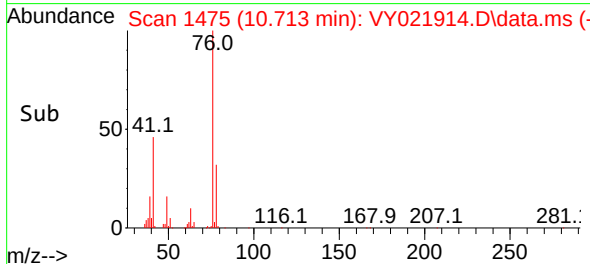
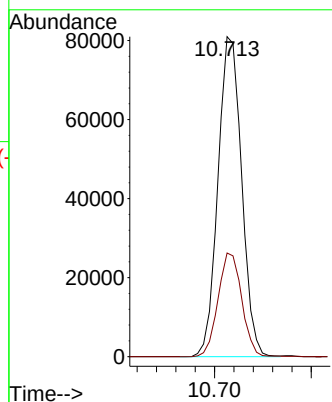
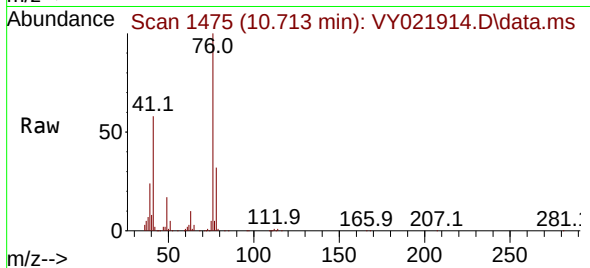
VSTDCCC050EC

Tgt Ion: 76 Resp: 137380

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 380.039 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021914.D

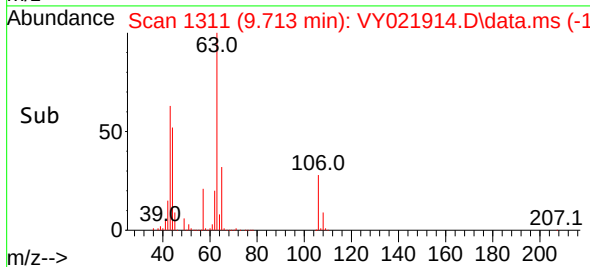
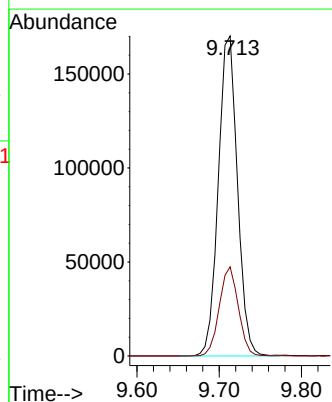
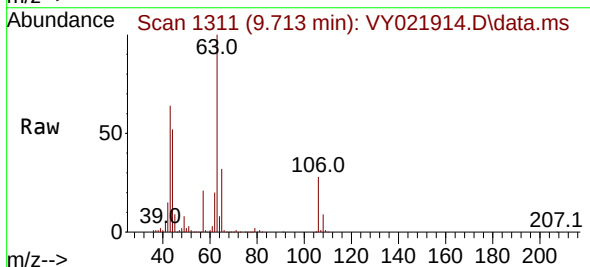
Acq: 17 Apr 2025 16:25

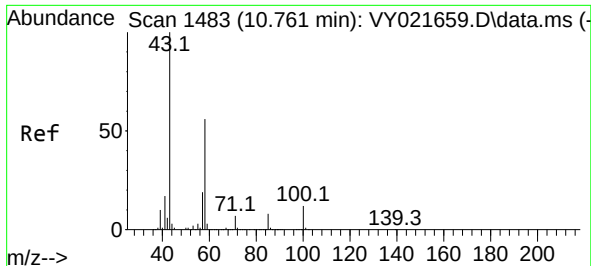
Tgt Ion: 63 Resp: 274830

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6





#59

2-Hexanone

Concen: 319.198 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

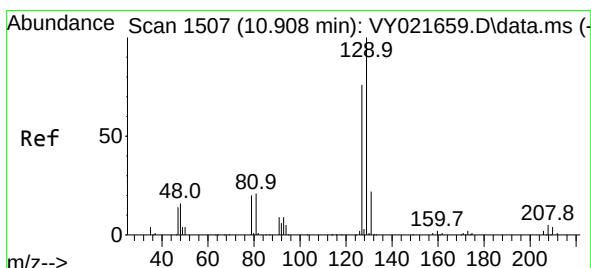
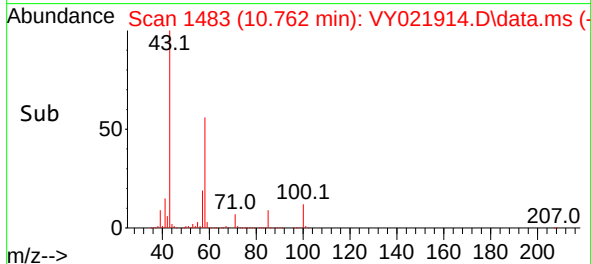
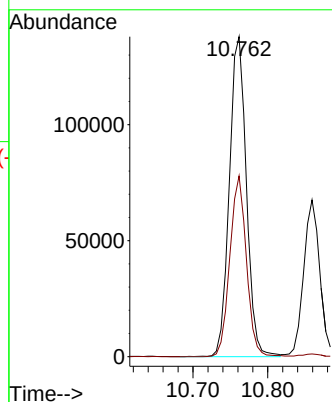
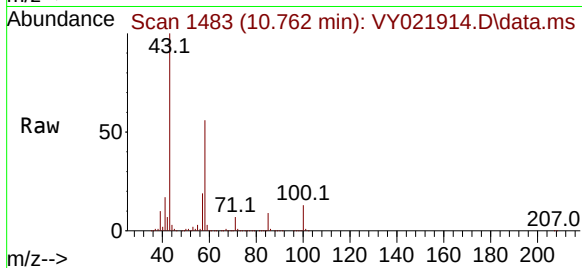
VSTDCCC050EC

Tgt Ion: 43 Resp: 218480

Ion Ratio Lower Upper

43 100

58 55.0 27.2 81.5



#60

Dibromochloromethane

Concen: 69.014 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021914.D

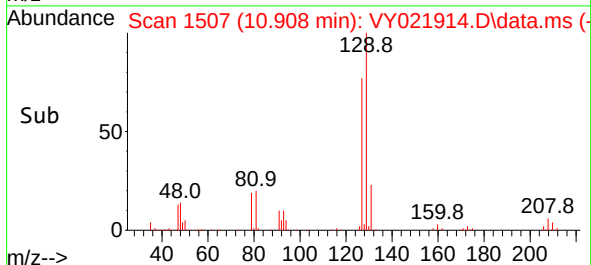
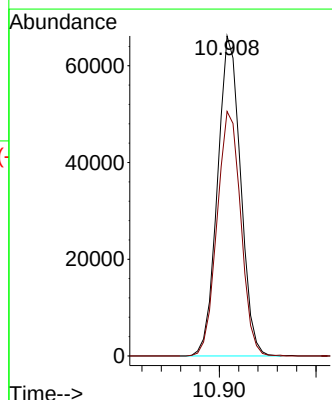
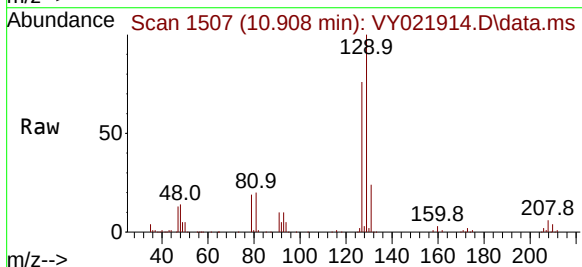
Acq: 17 Apr 2025 16:25

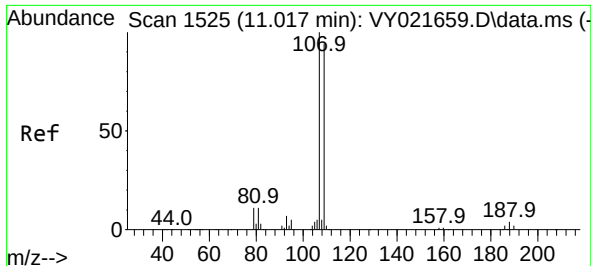
Tgt Ion:129 Resp: 109392

Ion Ratio Lower Upper

129 100

127 78.6 38.6 115.7

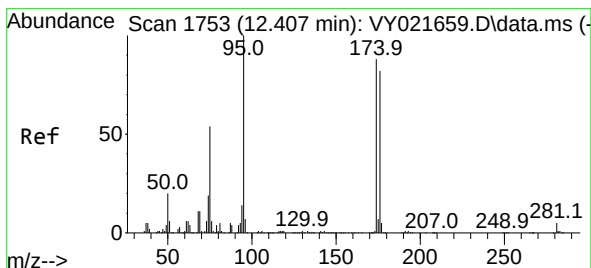
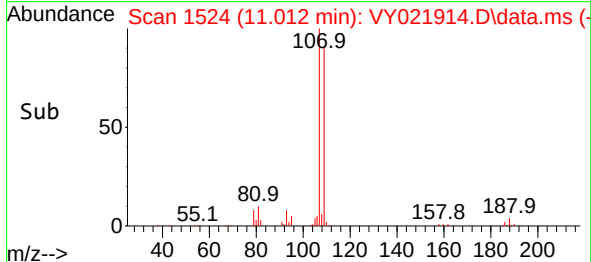
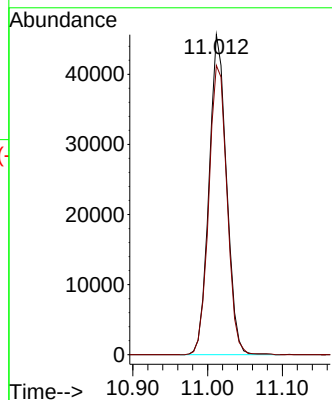
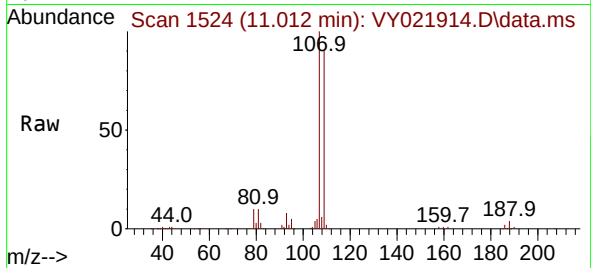




#61
1,2-Dibromoethane
Concen: 68.186 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

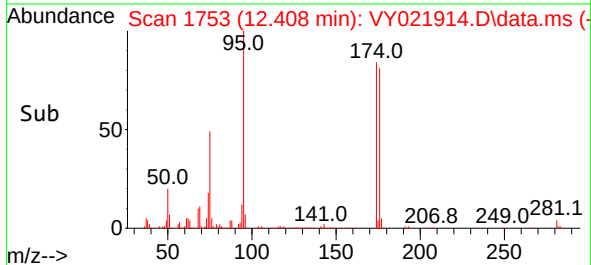
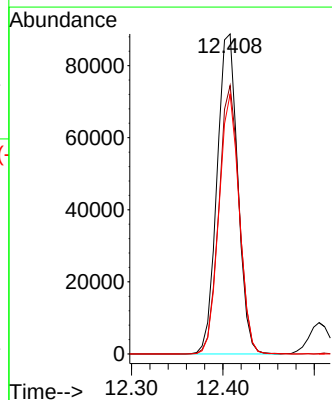
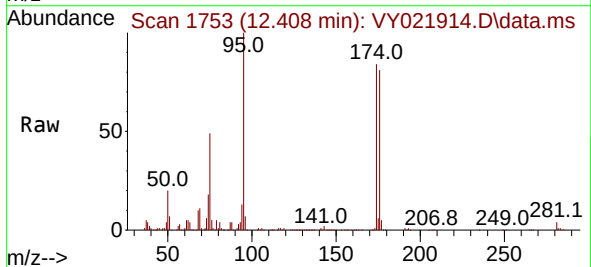
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

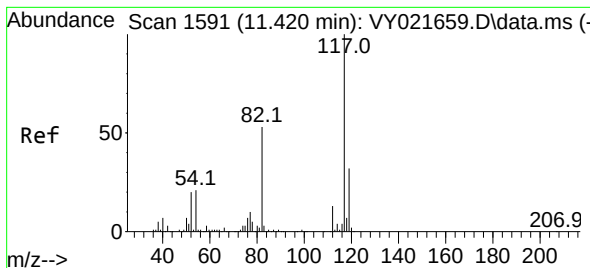
Tgt Ion:107 Resp: 74258
Ion Ratio Lower Upper
107 100
109 93.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 75.089 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 95 Resp: 140080
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.8
176 79.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

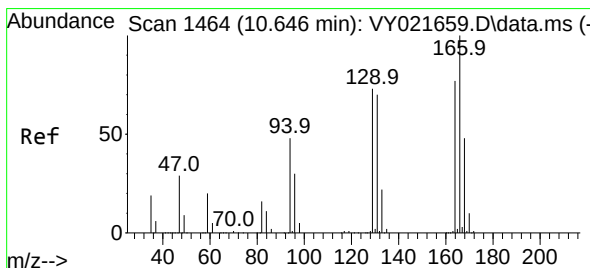
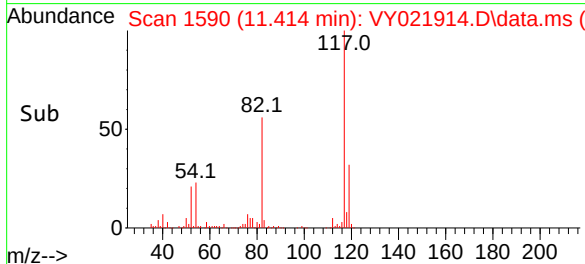
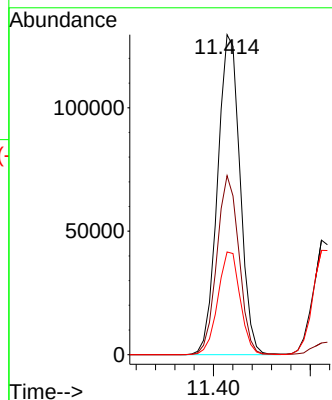
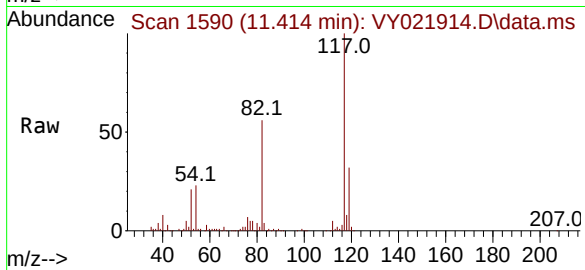
Tgt Ion:117 Resp: 208393

Ion Ratio Lower Upper

117 100

82 55.9 42.8 64.2

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 69.332 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Tgt Ion:164 Resp: 131592

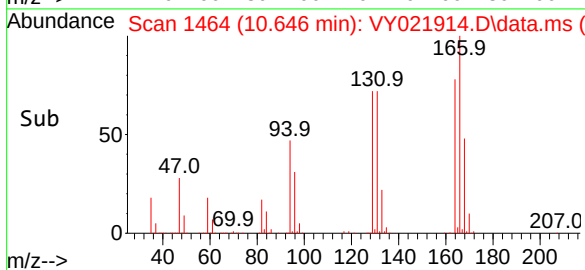
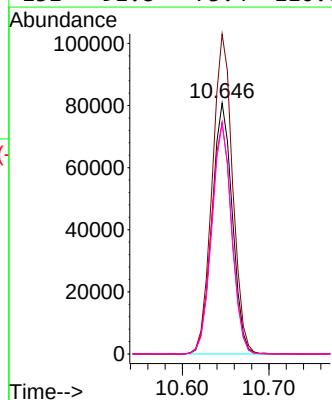
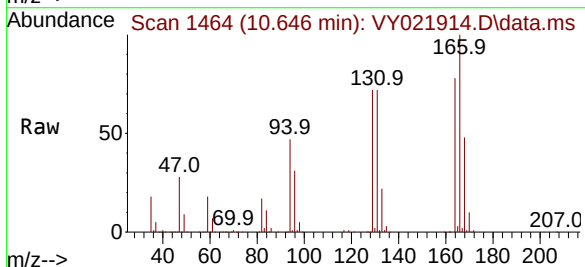
Ion Ratio Lower Upper

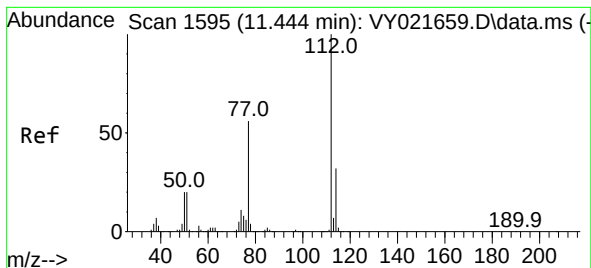
164 100

166 127.5 104.6 156.8

129 92.3 76.6 114.8

131 91.8 73.4 110.0





#65

Chlorobenzene

Concen: 65.747 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

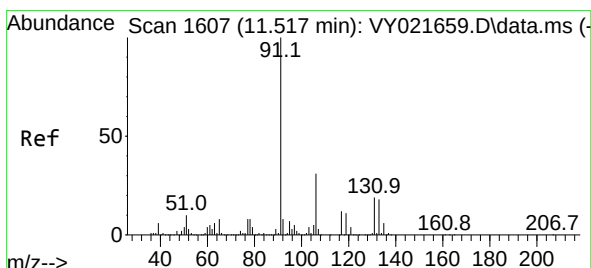
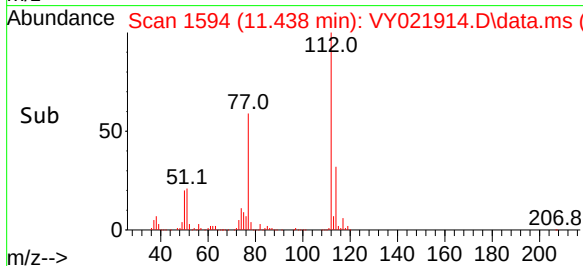
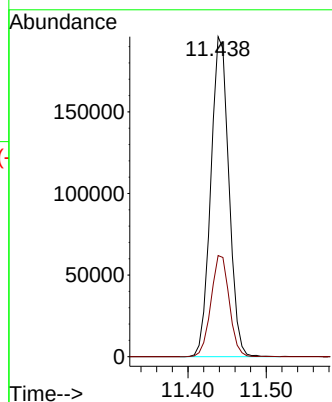
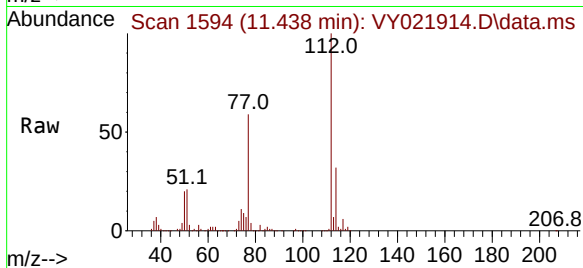
VSTDCCC050EC

Tgt Ion:112 Resp: 314076

Ion Ratio Lower Upper

112 100

114 31.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 68.269 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

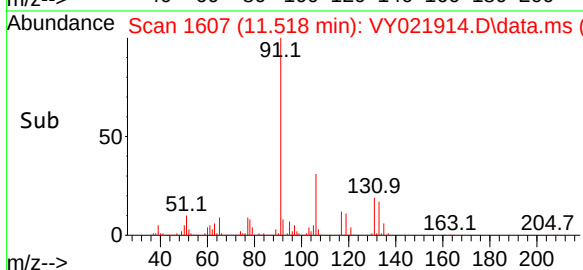
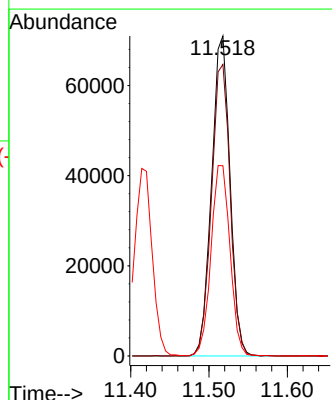
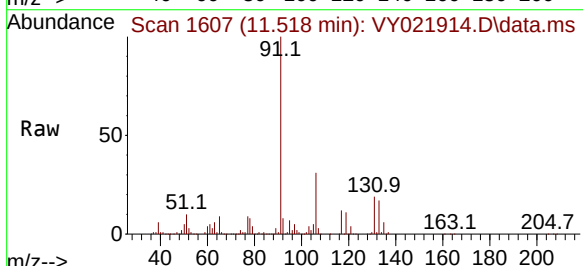
Tgt Ion:131 Resp: 115709

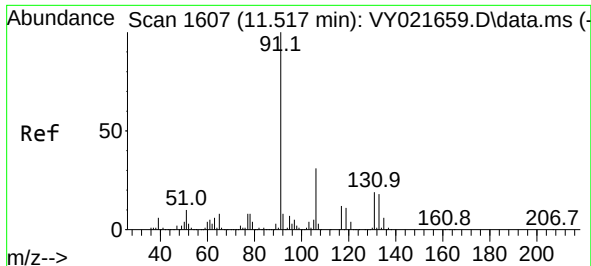
Ion Ratio Lower Upper

131 100

133 93.0 47.3 141.8

119 61.6 31.6 95.0





#67

Ethyl Benzene

Concen: 67.406 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

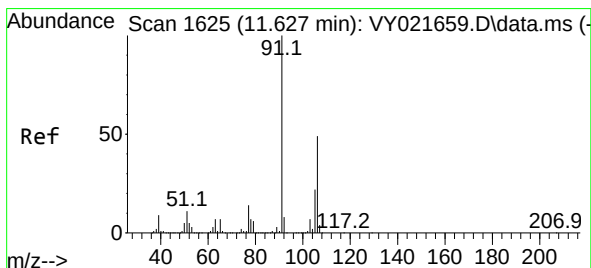
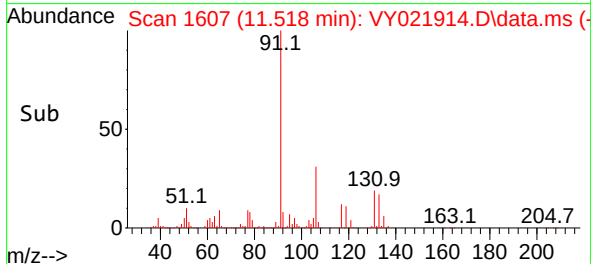
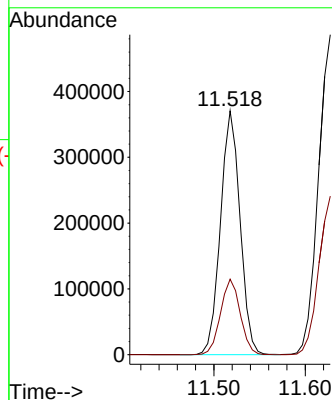
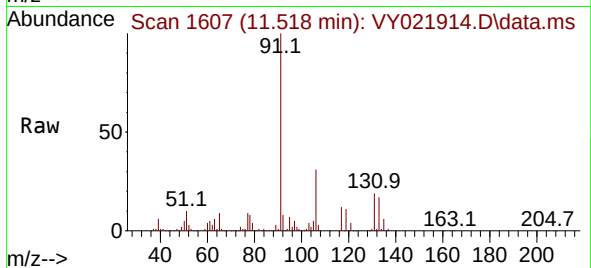
VSTDCCC050EC

Tgt Ion: 91 Resp: 552166

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 136.635 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021914.D

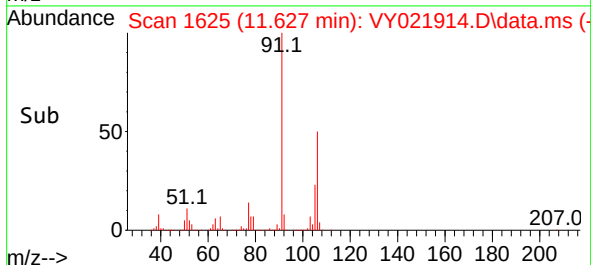
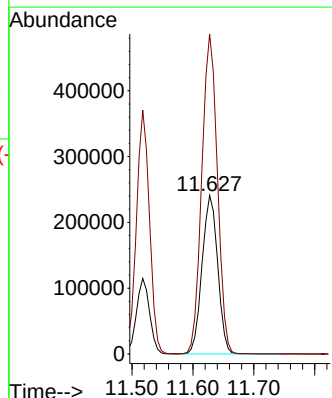
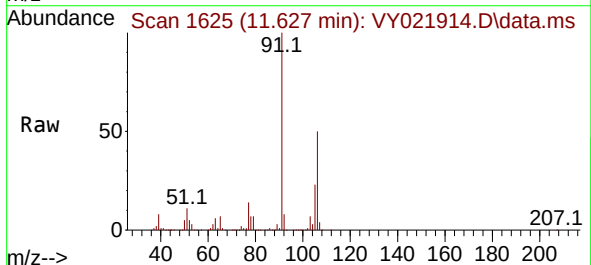
Acq: 17 Apr 2025 16:25

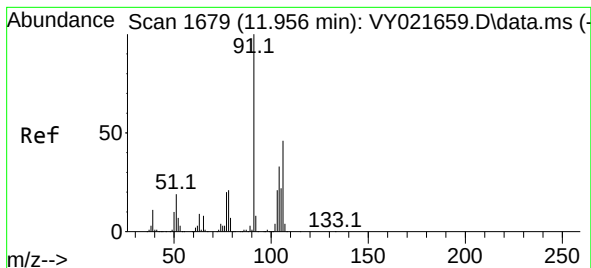
Tgt Ion: 106 Resp: 428595

Ion Ratio Lower Upper

106 100

91 202.0 162.4 243.6

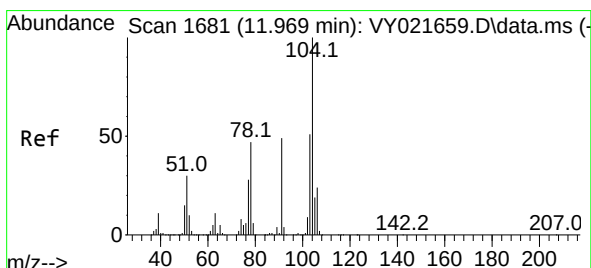
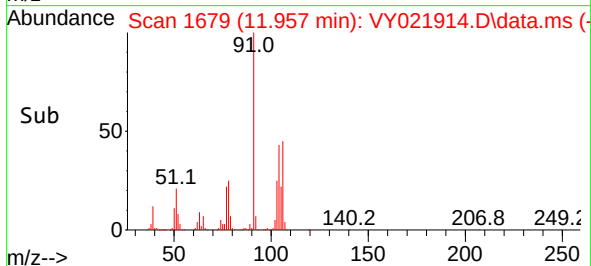
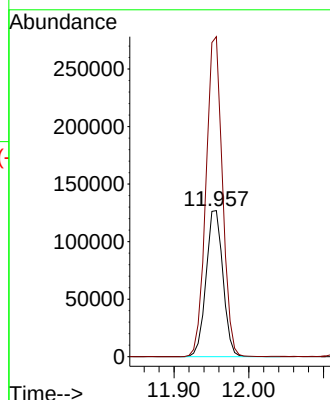
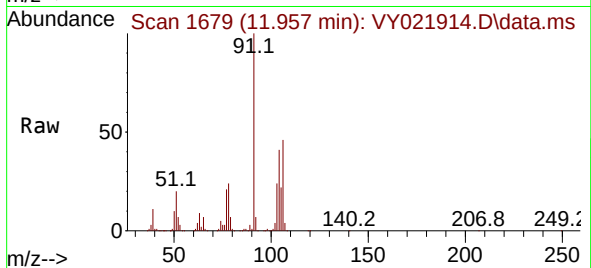




#69
o-Xylene
Concen: 68.665 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

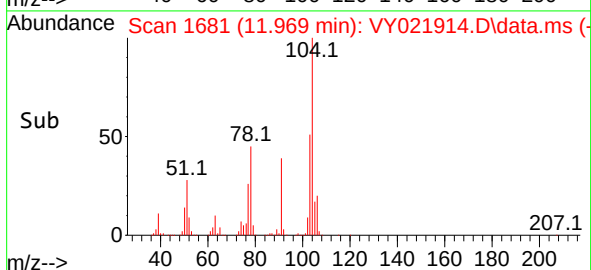
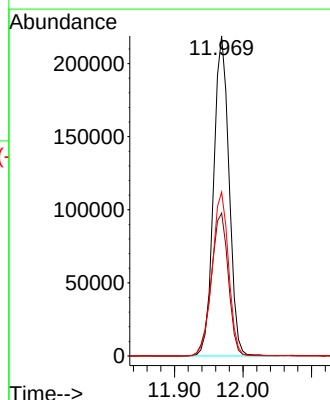
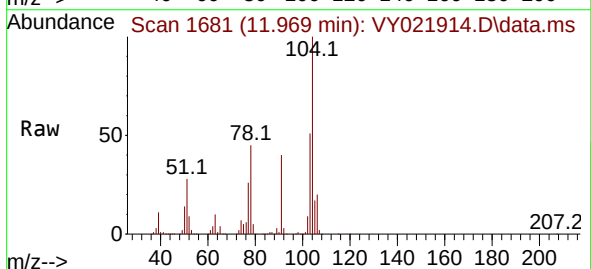
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

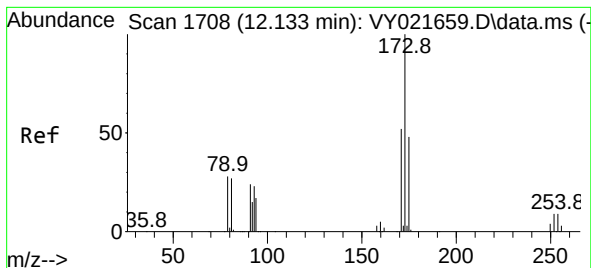
Tgt Ion:106 Resp: 198821
Ion Ratio Lower Upper
106 100
91 214.0 106.7 319.9



#70
Styrene
Concen: 70.761 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion:104 Resp: 341616
Ion Ratio Lower Upper
104 100
78 49.6 40.8 61.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 65.955 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

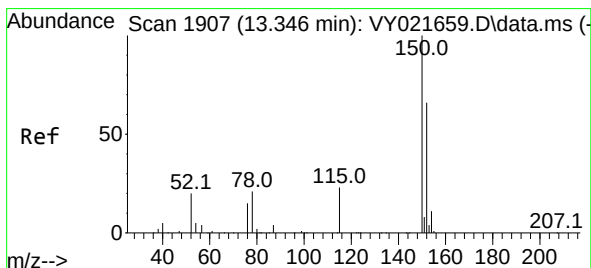
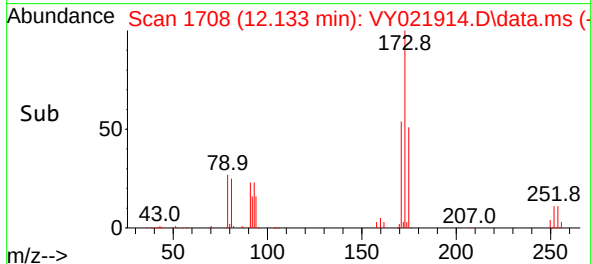
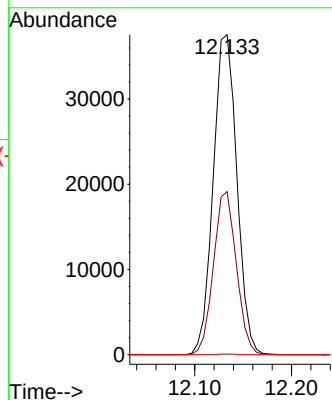
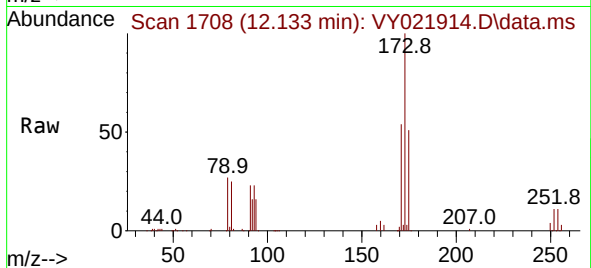
Tgt Ion:173 Resp: 63765

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

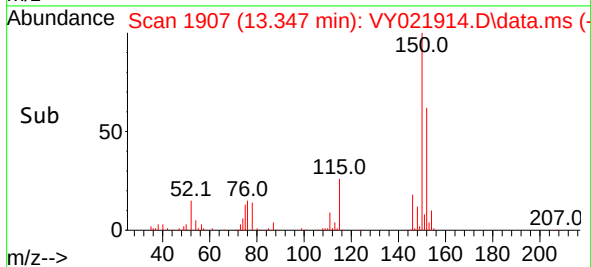
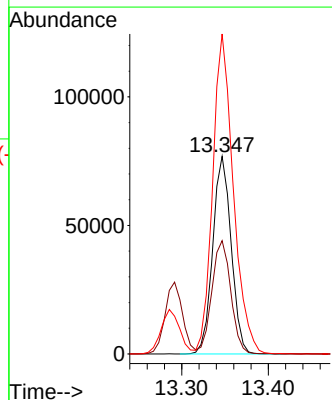
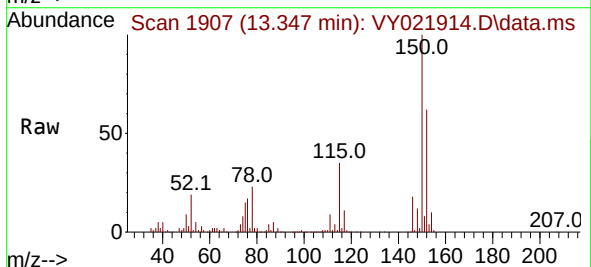
Tgt Ion:152 Resp: 113580

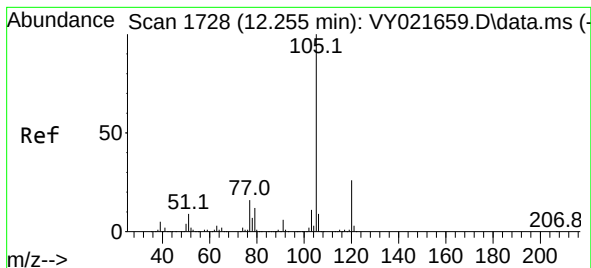
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 181.5 0.0 348.4





#73

Isopropylbenzene

Concen: 62.740 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

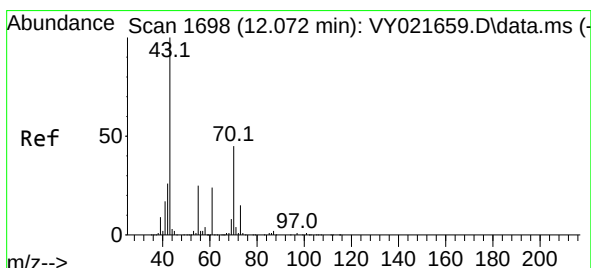
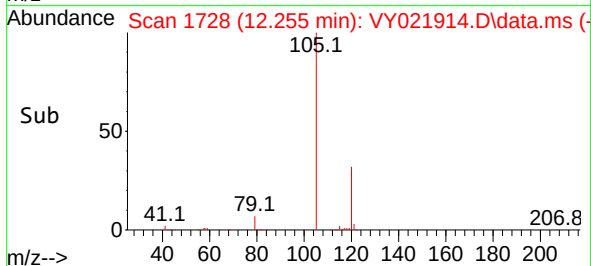
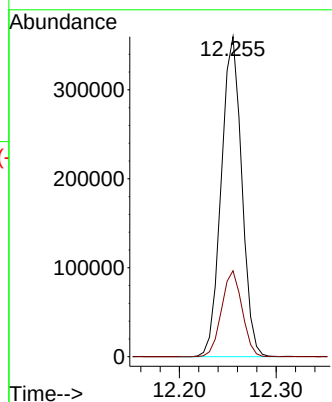
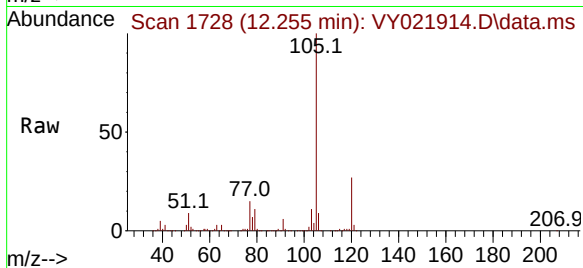
VSTDCCC050EC

Tgt Ion:105 Resp: 529274

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 56.813 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Tgt Ion: 43 Resp: 112481

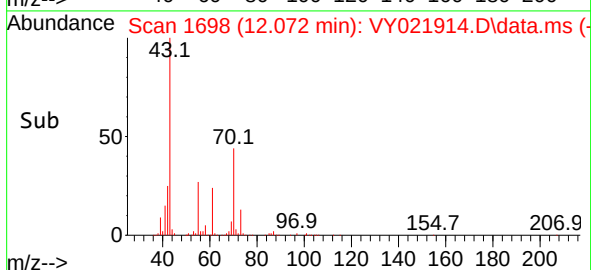
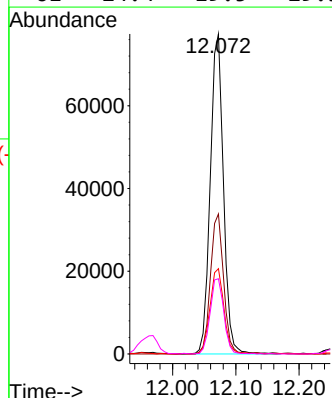
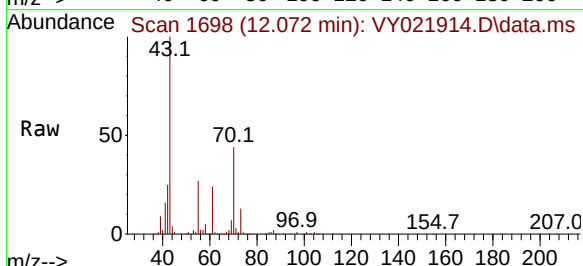
Ion Ratio Lower Upper

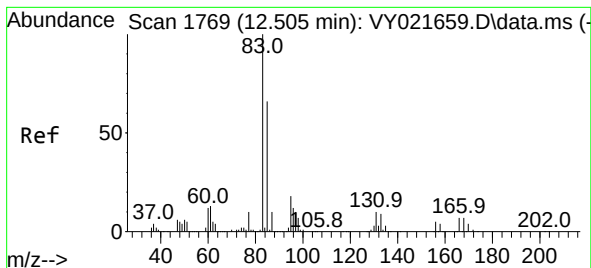
43 100

70 43.5 34.7 52.1

55 28.3 21.2 31.8

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.402 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

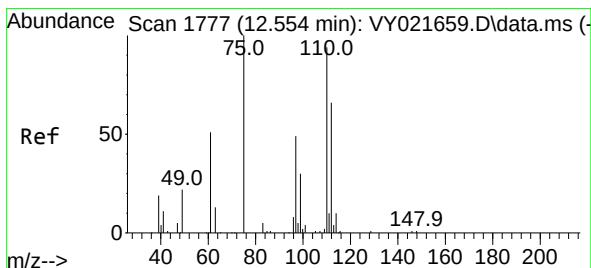
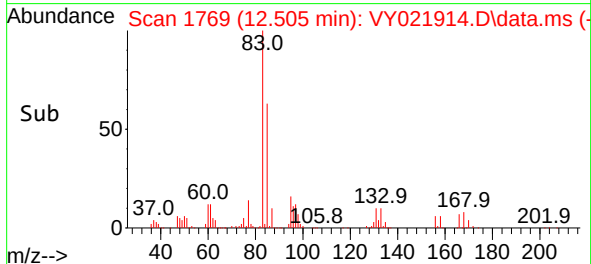
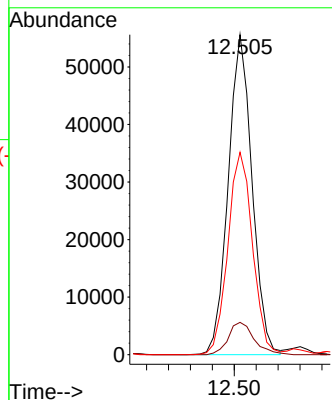
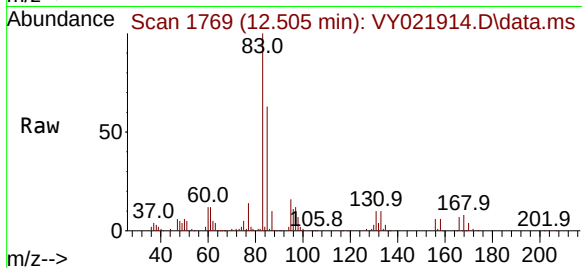
Tgt Ion: 83 Resp: 84029

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 104.546 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021914.D

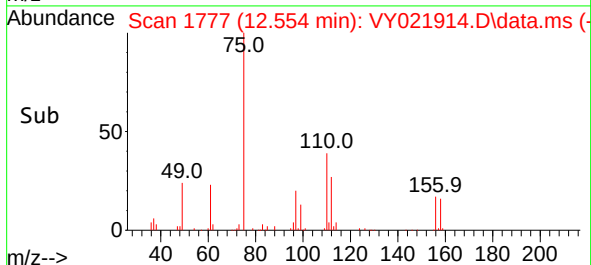
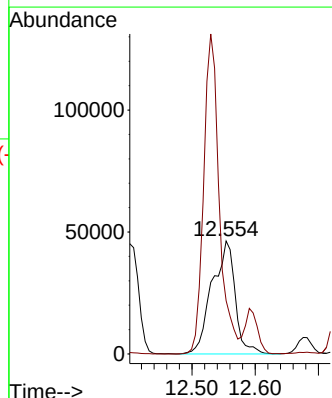
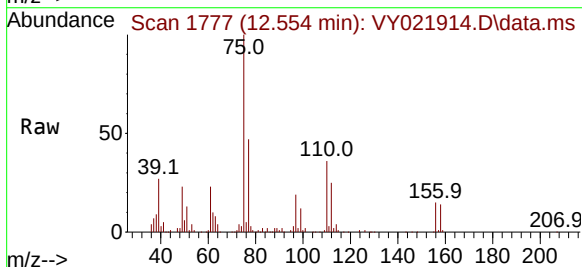
Acq: 17 Apr 2025 16:25

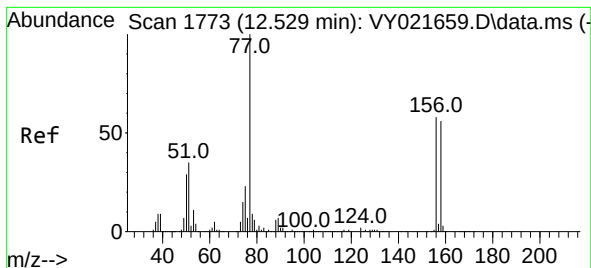
Tgt Ion: 75 Resp: 117705

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 62.186 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

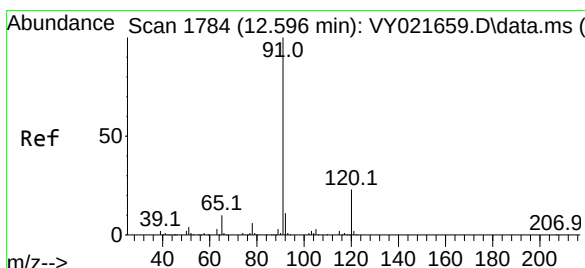
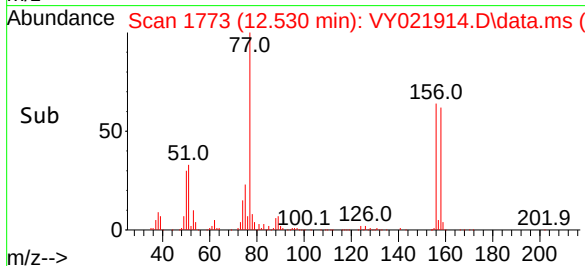
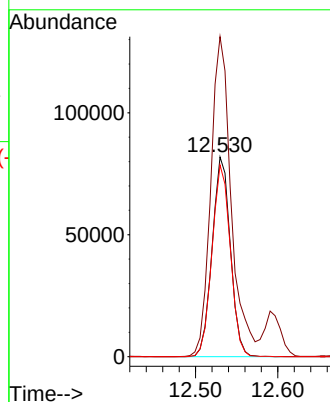
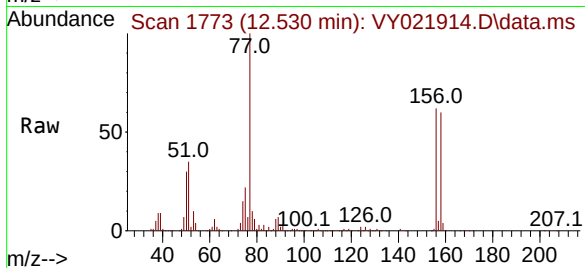
Tgt Ion:156 Resp: 125956

Ion Ratio Lower Upper

156 100

77 179.4 92.8 278.3

158 96.7 48.5 145.6



#78

n-propylbenzene

Concen: 63.901 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021914.D

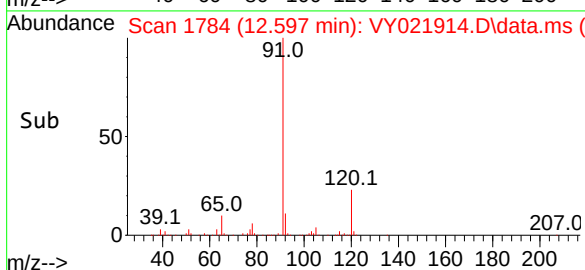
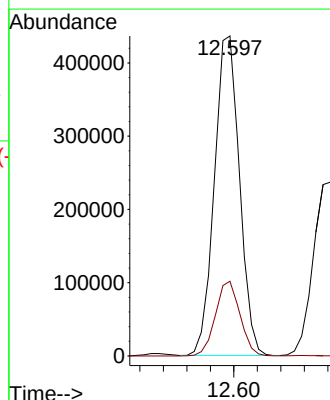
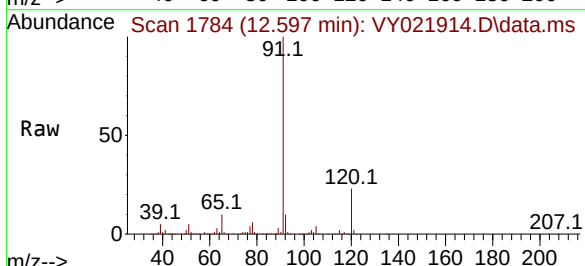
Acq: 17 Apr 2025 16:25

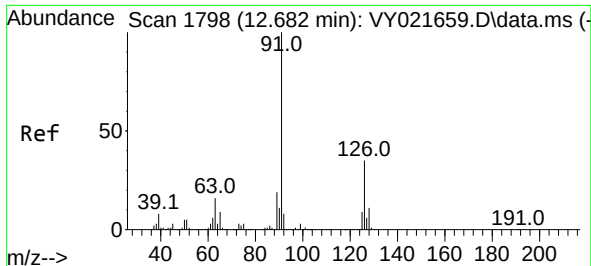
Tgt Ion: 91 Resp: 648095

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

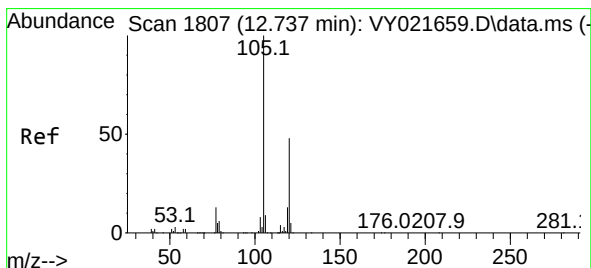
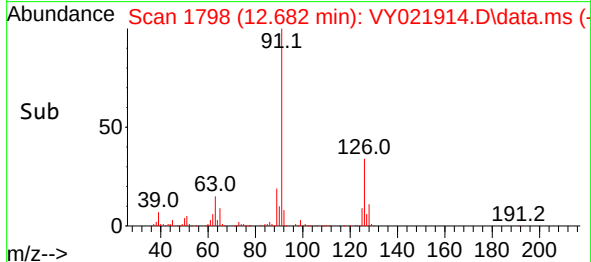
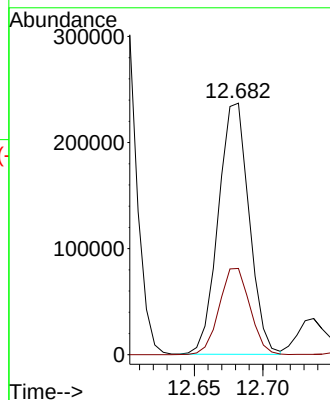
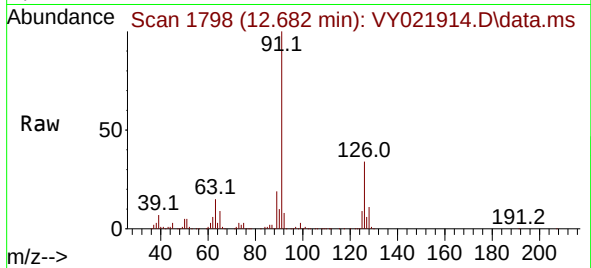




#79
2-Chlorotoluene
Concen: 63.024 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

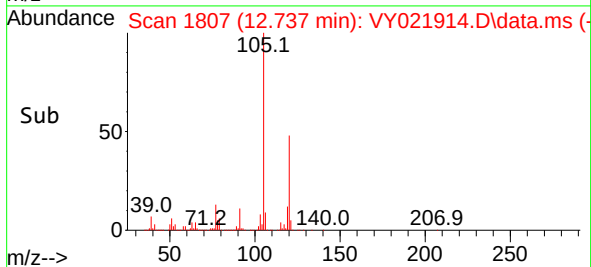
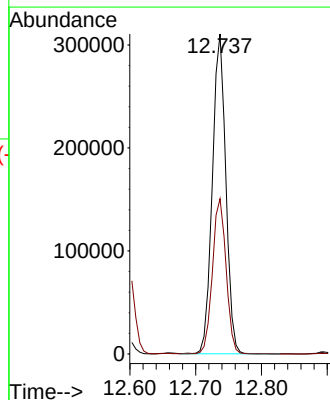
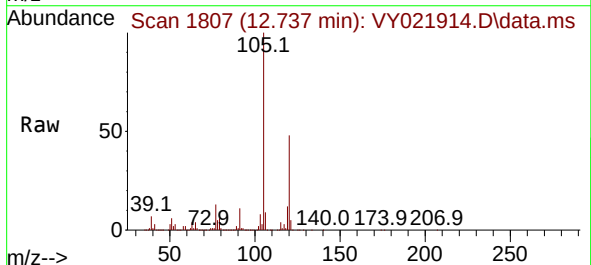
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

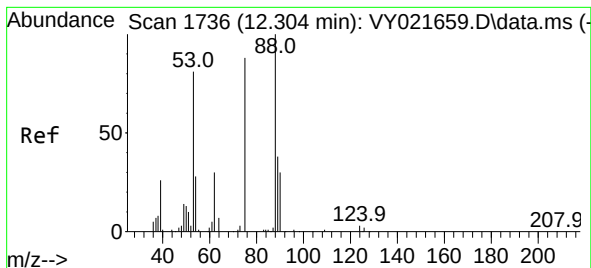
Tgt Ion: 91 Resp: 371256
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 64.178 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 105 Resp: 442484
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

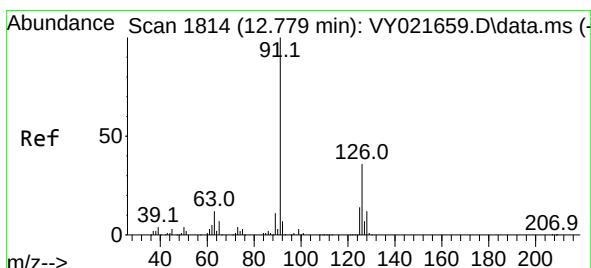
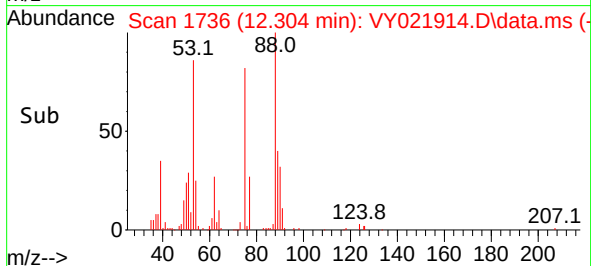
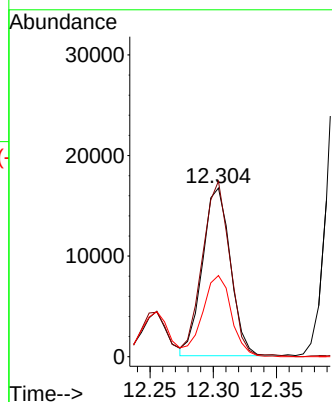
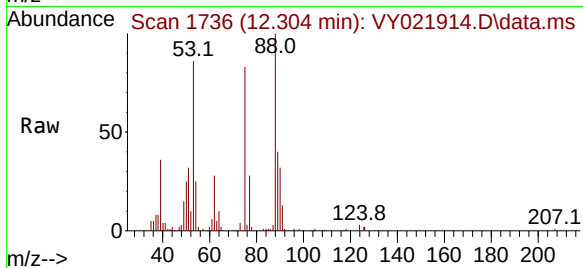




#81
trans-1,4-Dichloro-2-butene
Concen: 52.685 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

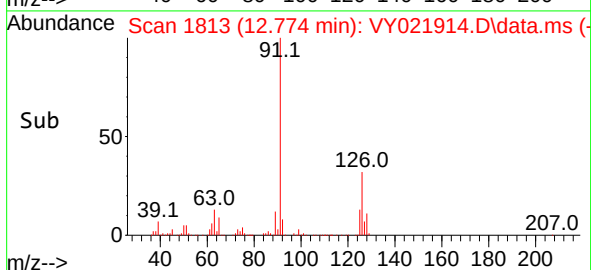
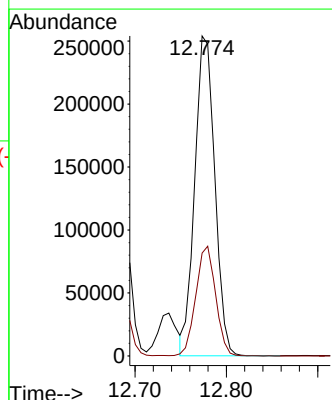
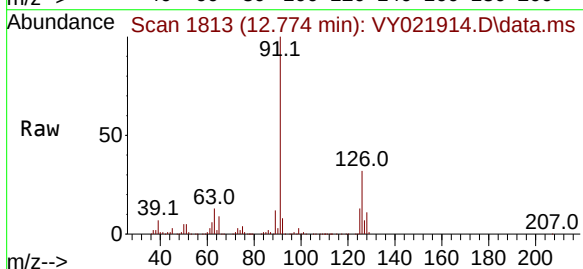
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

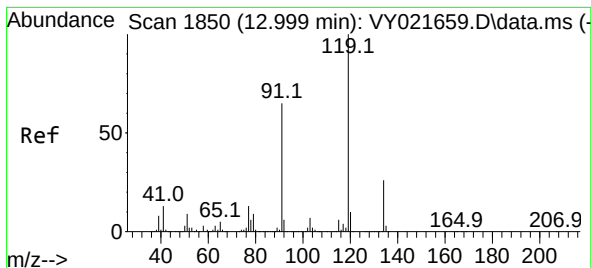
Tgt Ion: 75 Resp: 25743
Ion Ratio Lower Upper
75 100
53 103.5 76.1 114.1
89 50.0 36.2 54.4



#82
4-Chlorotoluene
Concen: 62.977 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 91 Resp: 386761
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 64.215 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

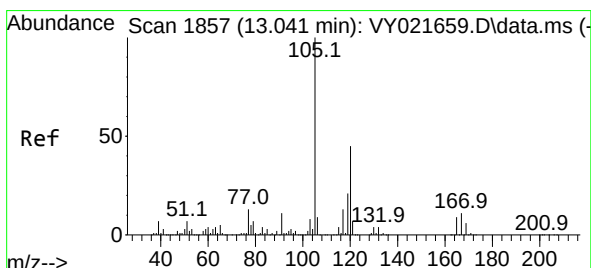
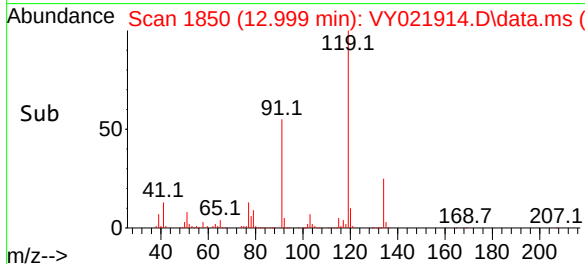
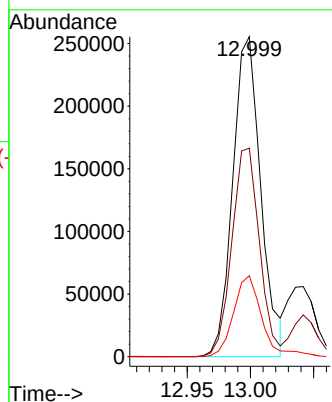
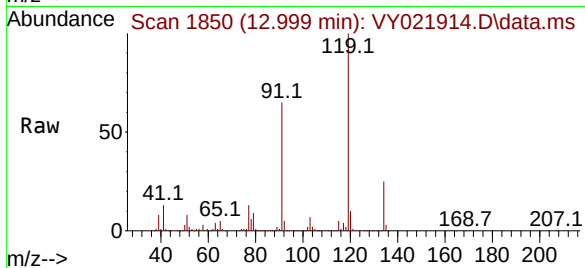
Tgt Ion:119 Resp: 394349

Ion Ratio Lower Upper

119 100

91 64.1 32.6 97.7

134 25.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 65.447 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021914.D

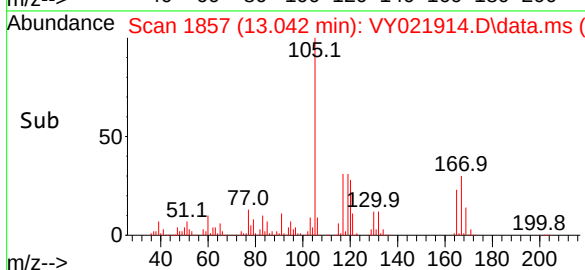
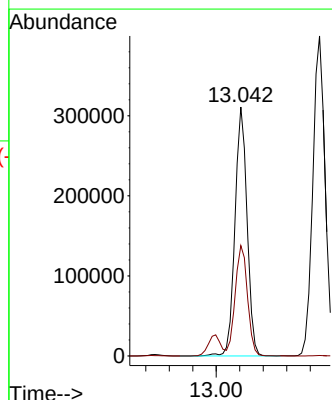
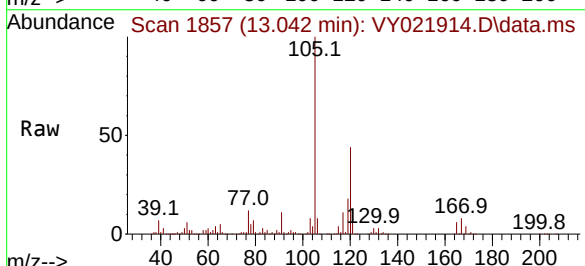
Acq: 17 Apr 2025 16:25

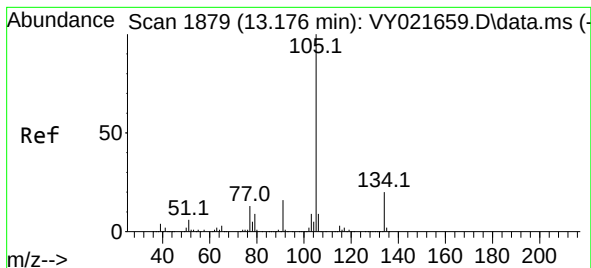
Tgt Ion:105 Resp: 445982

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 64.488 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

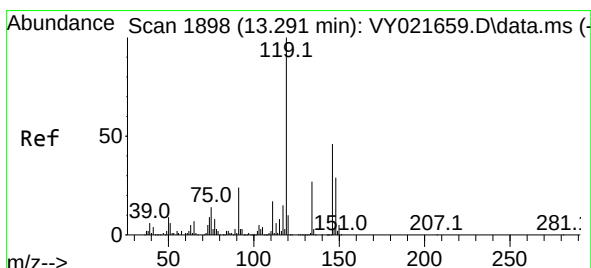
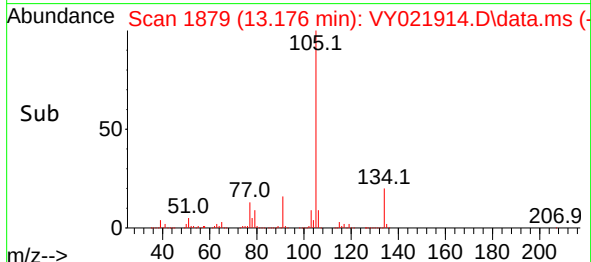
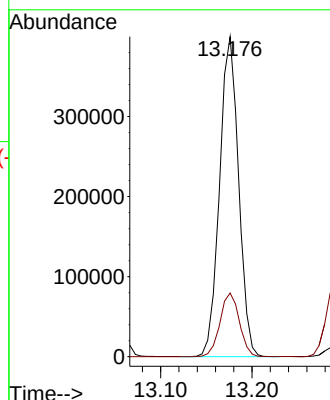
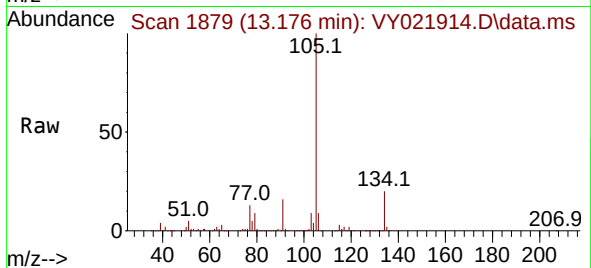
VSTDCCC050EC

Tgt Ion:105 Resp: 578748

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 65.802 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

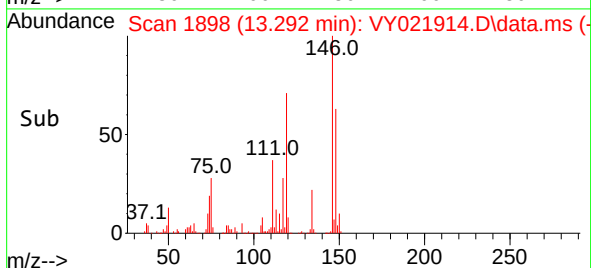
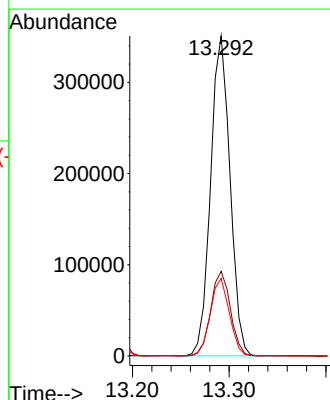
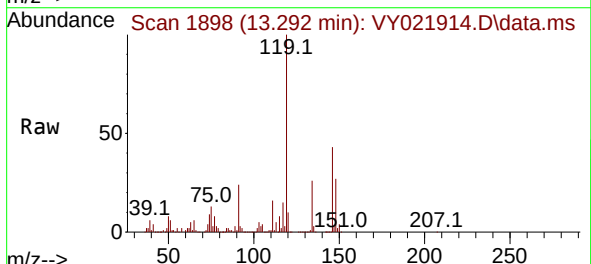
Tgt Ion:119 Resp: 488087

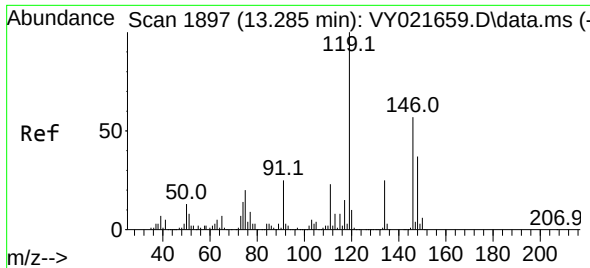
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 23.8 12.0 36.0

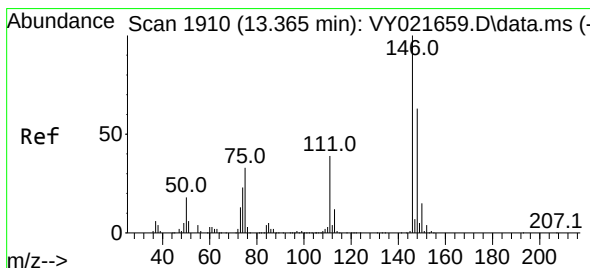
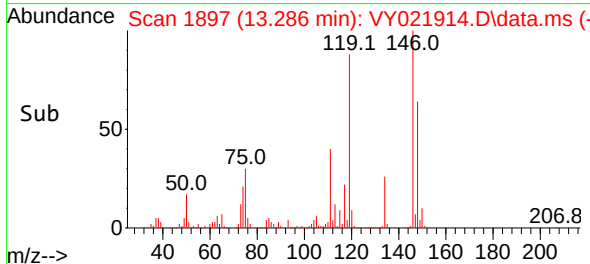
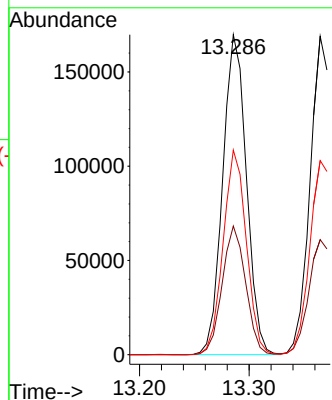
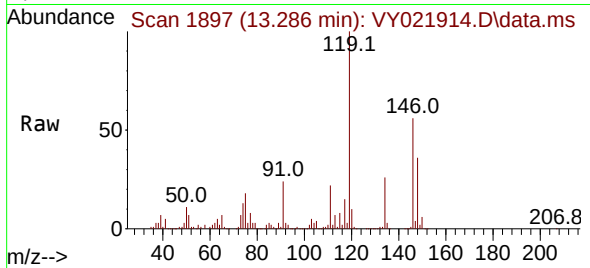




#87
1,3-Dichlorobenzene
Concen: 64.055 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

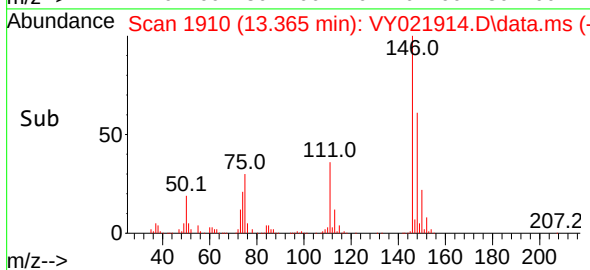
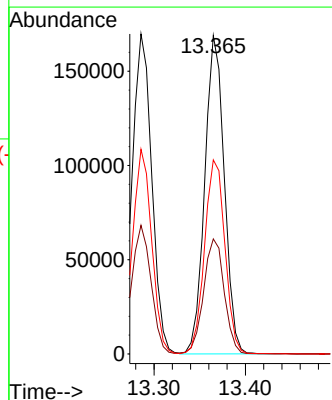
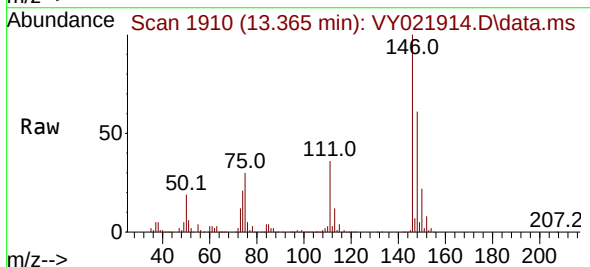
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

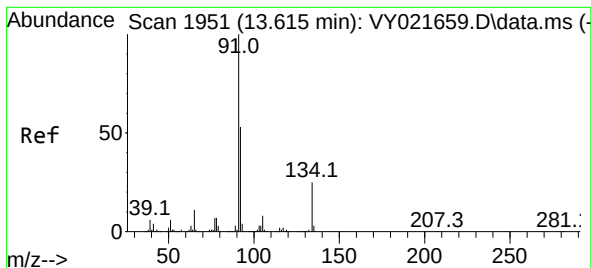
Tgt Ion:146 Resp: 255618
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 62.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 63.407 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion:146 Resp: 249994
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 63.8 31.5 94.5

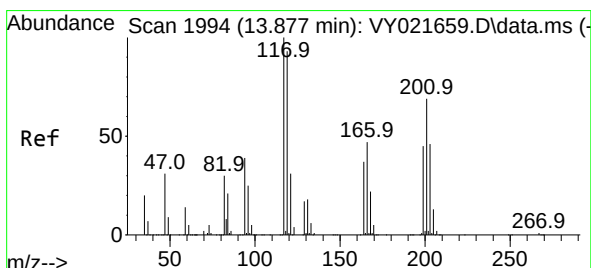
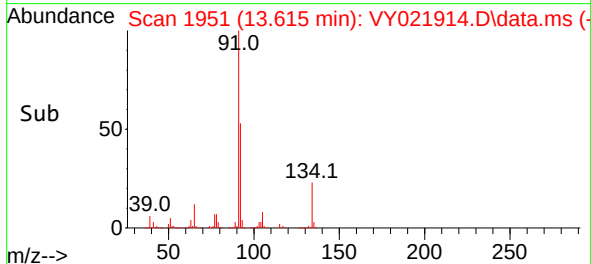
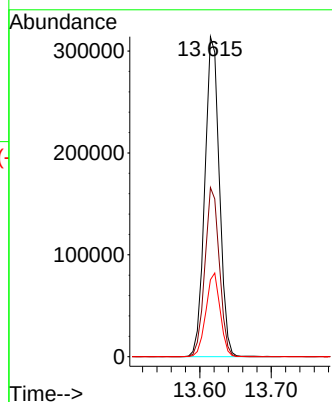
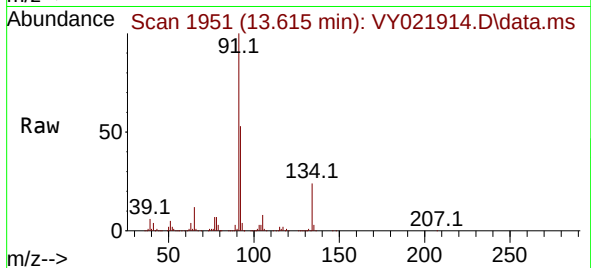




#89
n-Butylbenzene
Concen: 64.868 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

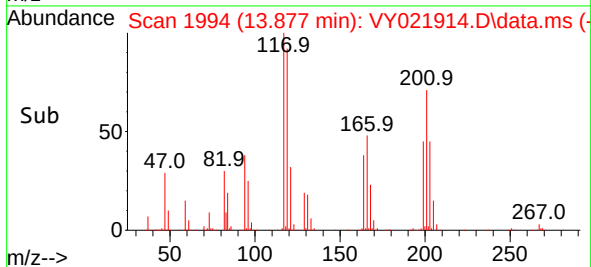
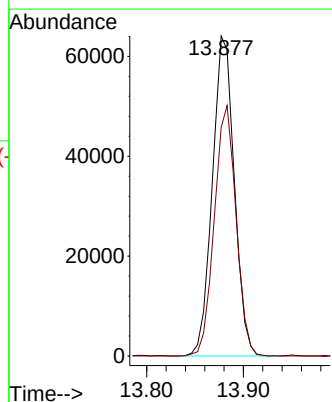
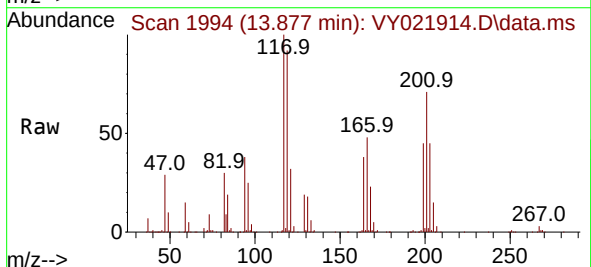
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

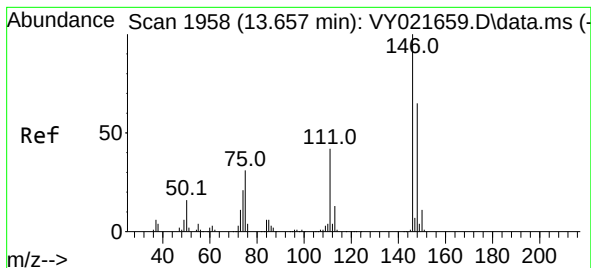
Tgt Ion: 91 Resp: 444980
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 62.102 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 117 Resp: 100944
Ion Ratio Lower Upper
117 100
201 77.5 37.4 112.1

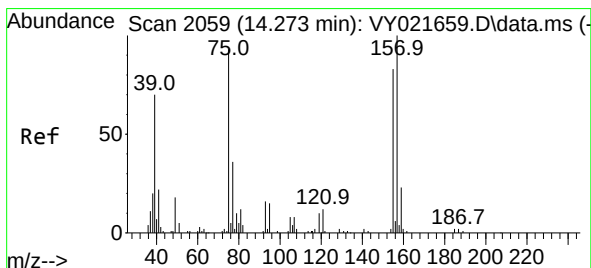
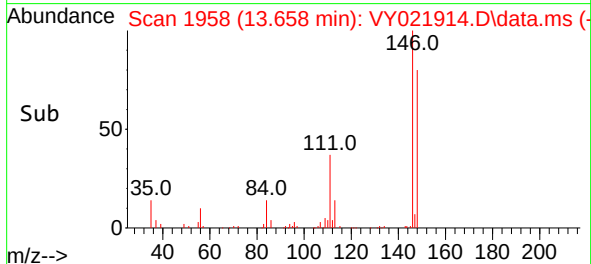
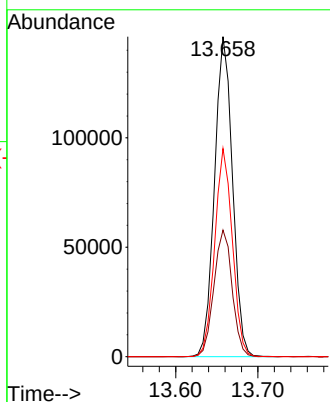
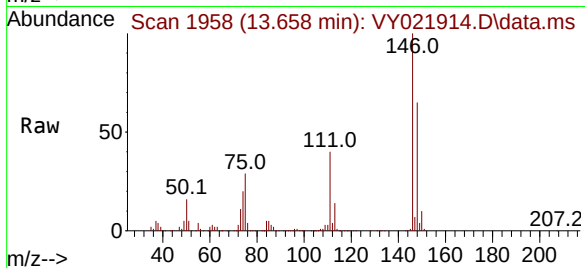




#91
1,2-Dichlorobenzene
Concen: 64.079 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

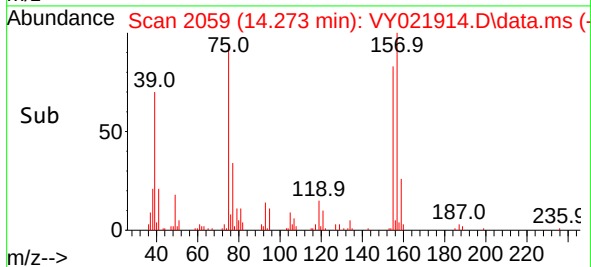
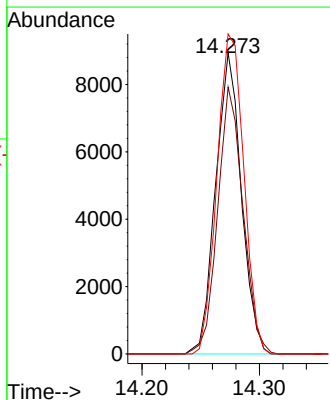
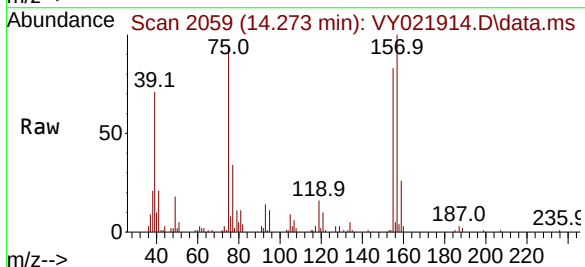
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

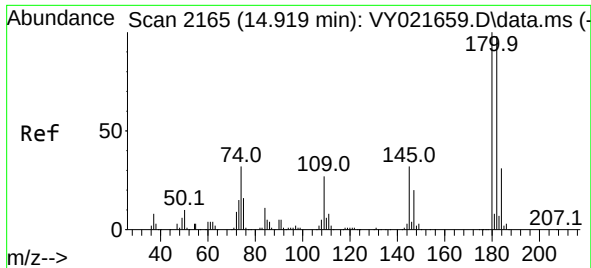
Tgt Ion:146 Resp: 222598
Ion Ratio Lower Upper
146 100
111 40.1 20.7 62.1
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.696 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion: 75 Resp: 13563
Ion Ratio Lower Upper
75 100
155 87.3 43.0 128.8
157 111.2 54.0 162.0

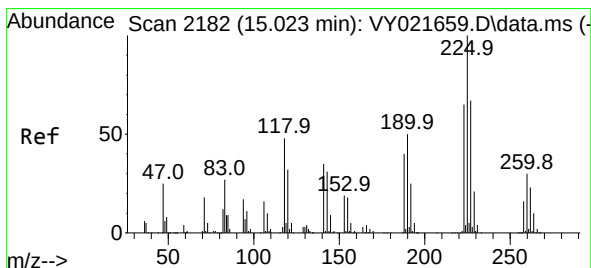
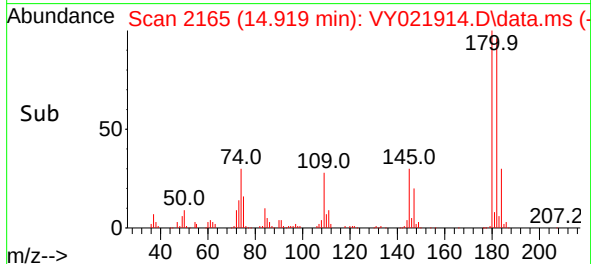
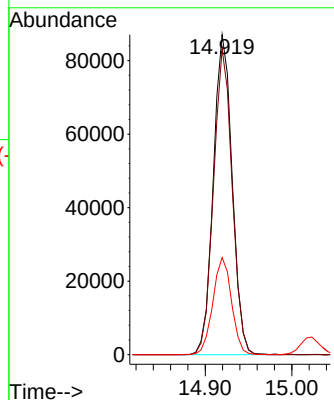
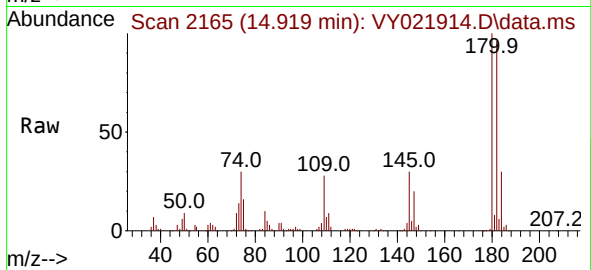




#93
1,2,4-Trichlorobenzene
Concen: 69.765 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

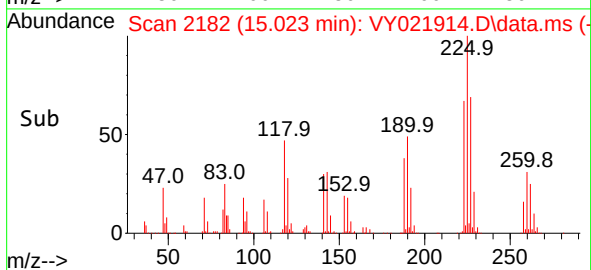
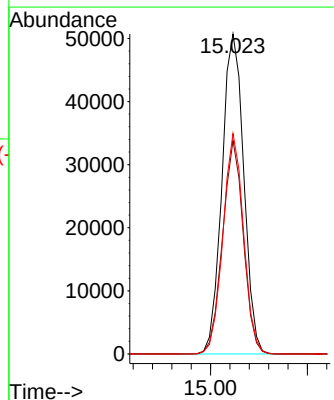
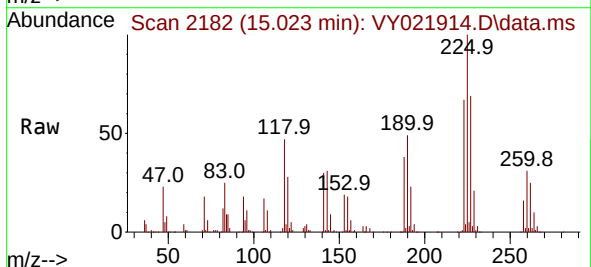
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

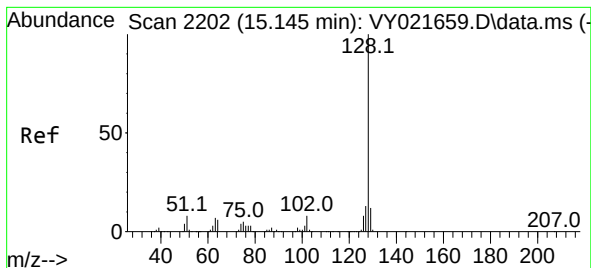
Tgt Ion:180 Resp: 131426
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.6
145 30.2 14.9 44.9



#94
Hexachlorobutadiene
Concen: 67.240 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021914.D
Acq: 17 Apr 2025 16:25

Tgt Ion:225 Resp: 79109
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 65.2 32.4 97.0





#95

Naphthalene

Concen: 69.959 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

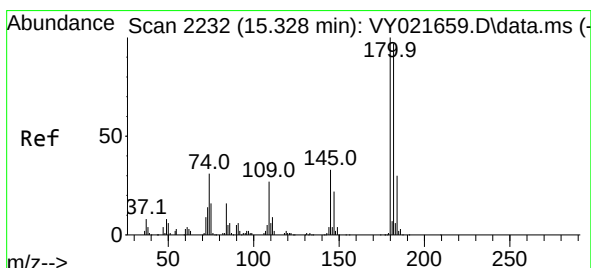
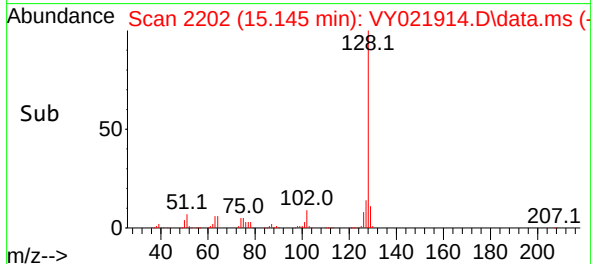
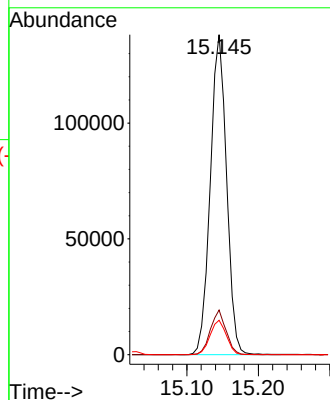
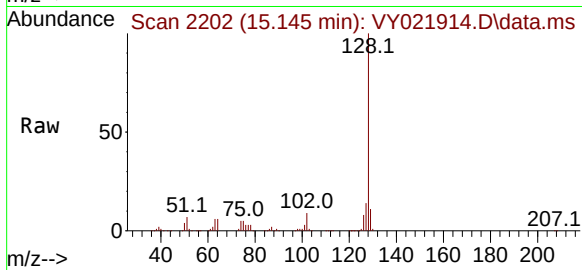
Tgt Ion:128 Resp: 218450

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 70.606 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021914.D

Acq: 17 Apr 2025 16:25

Tgt Ion:180 Resp: 113424

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 32.2 15.9 47.7

