

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022068.D
 Acq On : 29 Apr 2025 19:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 01:36:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	269052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	418891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	397444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	216567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129218	51.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.000%	
35) Dibromofluoromethane	7.634	113	147355	53.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.103	98	560009	53.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.401	95	187088	53.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.540%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	105386	45.968	ug/l	97
3) Chloromethane	2.068	50	157111	48.129	ug/l	100
4) Vinyl Chloride	2.202	62	201105	50.132	ug/l	96
5) Bromomethane	2.592	94	158978	46.000	ug/l	99
6) Chloroethane	2.726	64	141458	51.778	ug/l	97
7) Trichlorofluoromethane	3.049	101	263632	49.838	ug/l	98
8) Diethyl Ether	3.446	74	69931	50.792	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	139332	48.556	ug/l	100
10) Methyl Iodide	4.000	142	180042	54.192	ug/l	99
11) Tert butyl alcohol	4.860	59	36746	269.330	ug/l	98
12) 1,1-Dichloroethene	3.781	96	137296	51.332	ug/l	99
13) Acrolein	3.653	56	55383	226.169	ug/l	98
14) Allyl chloride	4.378	41	160157	51.426	ug/l	98
15) Acrylonitrile	5.055	53	134934	267.708	ug/l	99
16) Acetone	3.866	43	90333	280.286	ug/l	97
17) Carbon Disulfide	4.104	76	429374	50.348	ug/l	98
18) Methyl Acetate	4.378	43	87481	75.357	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	325033	54.295	ug/l	98
20) Methylene Chloride	4.610	84	155832	49.589	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	159575	53.273	ug/l	98
22) Diisopropyl ether	6.012	45	379582	54.768	ug/l	97
23) Vinyl Acetate	5.957	43	924022	247.385	ug/l	100
24) 1,1-Dichloroethane	5.909	63	254741	53.026	ug/l	98
25) 2-Butanone	6.890	43	150563	265.784	ug/l	99
26) 2,2-Dichloropropane	6.878	77	197993	47.023	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	182008	54.341	ug/l	99
28) Bromochloromethane	7.244	49	99494	53.320	ug/l	97
29) Tetrahydrofuran	7.256	42	100821	274.027	ug/l	97
30) Chloroform	7.414	83	290919	54.594	ug/l	98
31) Cyclohexane	7.701	56	196536	47.840	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	250288	51.916	ug/l	99
36) 1,1-Dichloropropene	7.835	75	192081	51.671	ug/l	99
37) Ethyl Acetate	6.982	43	65862	49.331	ug/l	99
38) Carbon Tetrachloride	7.811	117	228976	51.548	ug/l	98
39) Methylcyclohexane	9.109	83	232877	49.780	ug/l	96
40) Benzene	8.079	78	626786	53.938	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	32666	44.758	ug/l #	81
42) 1,2-Dichloroethane	8.152	62	154213	53.601	ug/l	100
43) Isopropyl Acetate	8.195	43	135555	52.869	ug/l	99
44) Trichloroethene	8.859	130	169810	52.758	ug/l	98
45) 1,2-Dichloropropane	9.140	63	139643	54.340	ug/l	98
46) Dibromomethane	9.231	93	88680	55.126	ug/l	99
47) Bromodichloromethane	9.420	83	222605	55.392	ug/l	98
48) Methyl methacrylate	9.219	41	64303	54.252	ug/l	95
49) 1,4-Dioxane	9.231	88	19122	1115.262	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	378540	281.640	ug/l	100
52) Toluene	10.170	92	418680	55.661	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	184667	53.573	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	217032	52.967	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	118716	55.247	ug/l	99
56) Ethyl methacrylate	10.438	69	135933	55.318	ug/l	99
57) 1,3-Dichloropropane	10.713	76	188396	54.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	350286	291.553	ug/l	100
59) 2-Hexanone	10.755	43	250877	282.992	ug/l	99
60) Dibromochloromethane	10.908	129	167173	56.193	ug/l	99
61) 1,2-Dibromoethane	11.011	107	113453	55.927	ug/l	98
64) Tetrachloroethene	10.646	164	198180	52.857	ug/l	99
65) Chlorobenzene	11.438	112	466269	52.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	166548	53.227	ug/l	99
67) Ethyl Benzene	11.517	91	783494	53.889	ug/l	100
68) m/p-Xylenes	11.627	106	630948	109.058	ug/l	99
69) o-Xylene	11.950	106	294908	55.305	ug/l	98
70) Styrene	11.969	104	506252	56.544	ug/l	99
71) Bromoform	12.127	173	99214	54.537	ug/l #	100
73) Isopropylbenzene	12.255	105	754507	52.147	ug/l	100
74) N-amyl acetate	12.066	43	123233	49.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	123603	50.669	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	160879	86.727	ug/l #	100
77) Bromobenzene	12.529	156	193134	52.825	ug/l	98
78) n-propylbenzene	12.590	91	888566	51.568	ug/l	99
79) 2-Chlorotoluene	12.676	91	525787	52.469	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	631673	52.985	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	36338	47.174	ug/l	99
82) 4-Chlorotoluene	12.773	91	539217	51.763	ug/l	99
83) tert-Butylbenzene	12.993	119	571459	53.448	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	637834	53.490	ug/l	99
85) sec-Butylbenzene	13.170	105	806330	51.537	ug/l	100
86) p-Isopropyltoluene	13.291	119	696362	52.415	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	382082	51.454	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	376582	51.205	ug/l	99
89) n-Butylbenzene	13.615	91	584788	49.245	ug/l	100
90) Hexachloroethane	13.877	117	148747	50.959	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	341181	52.679	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19629	50.577	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	192235	52.378	ug/l	99
94) Hexachlorobutadiene	15.023	225	115180	51.008	ug/l	99
95) Naphthalene	15.145	128	344610	56.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	176155	55.603	ug/l	98

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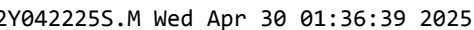
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

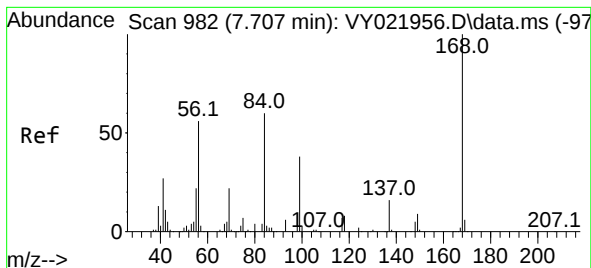
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022068.D

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Instrument :

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ClientSampleId :

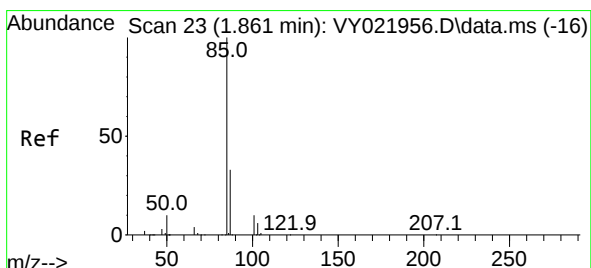
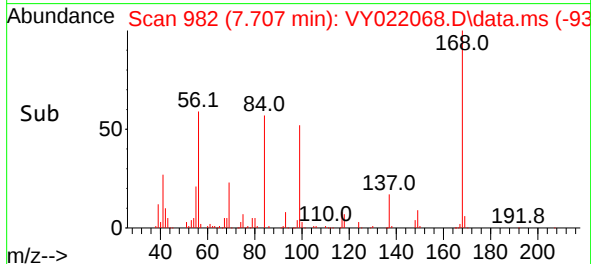
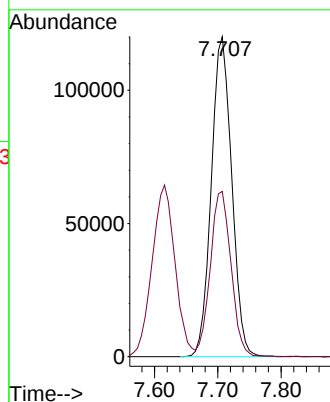
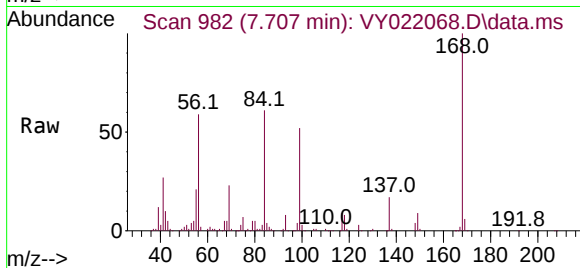
VSTDCCC050EC

Tgt Ion:168 Resp: 269052

Ion Ratio Lower Upper

168 100

99 51.5 43.1 64.7



#2

Dichlorodifluoromethane

Concen: 45.968 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.000 min

Lab File: VY022068.D

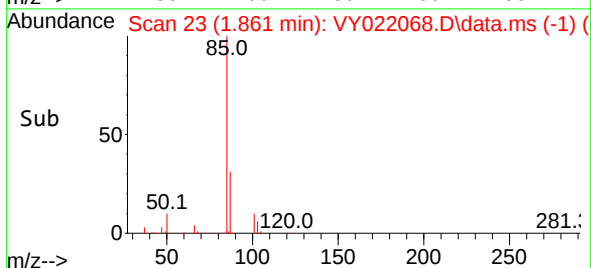
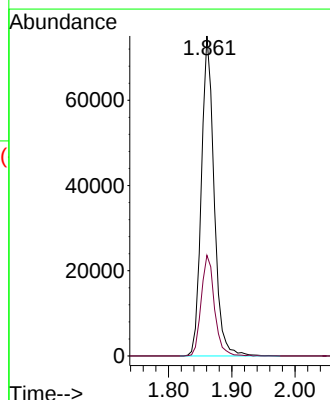
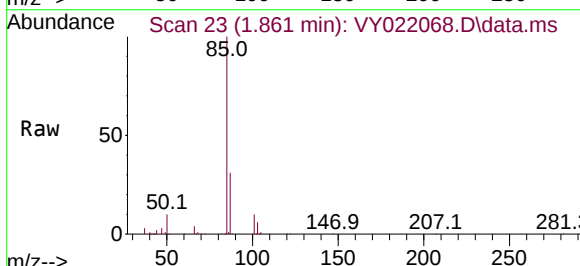
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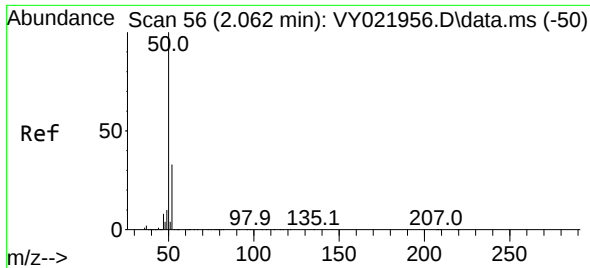
Tgt Ion: 85 Resp: 105386

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.7

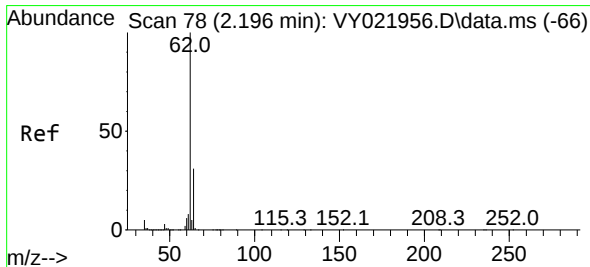
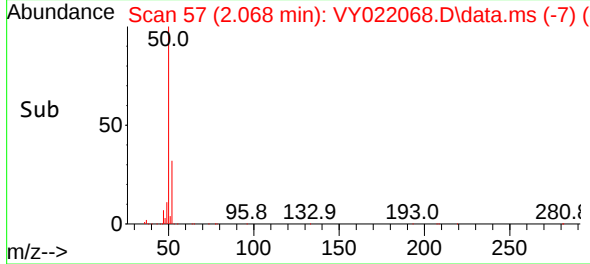
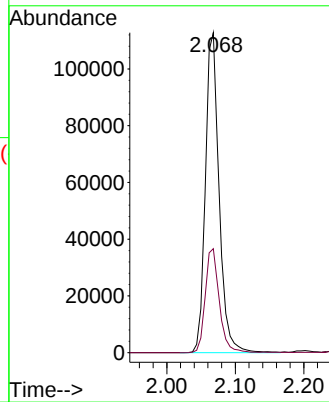
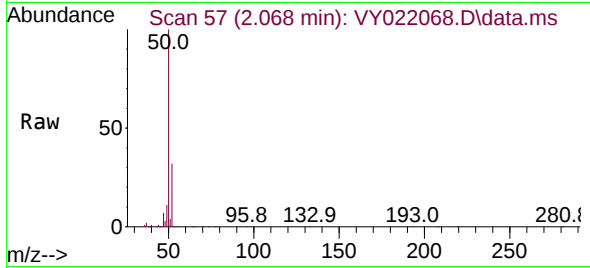




#3
Chloromethane
Concen: 48.129 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

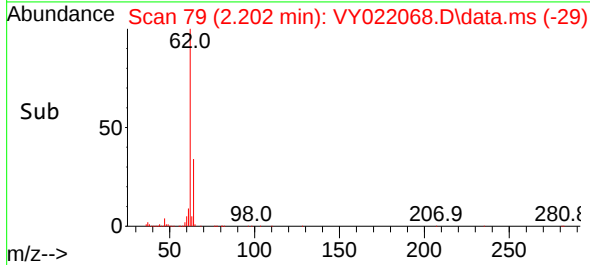
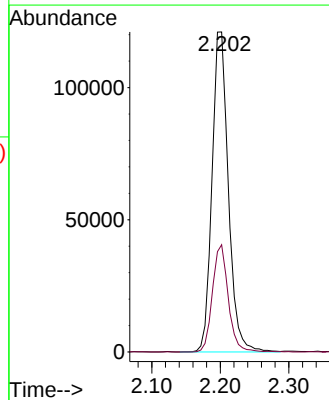
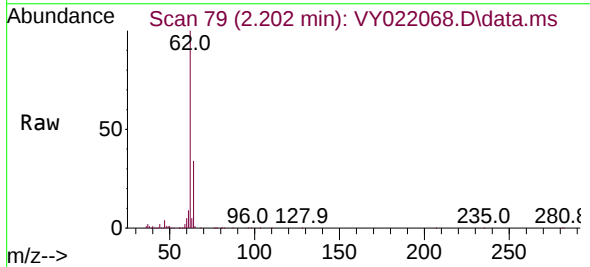
Instrument :
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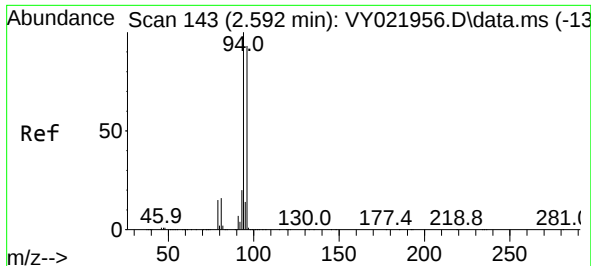
Tgt Ion: 50 Resp: 157111
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 50.132 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 62 Resp: 201105
Ion Ratio Lower Upper
62 100
64 33.5 25.1 37.7

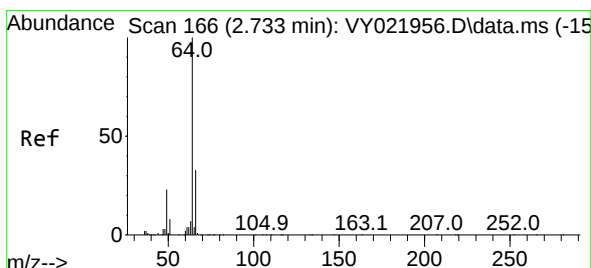
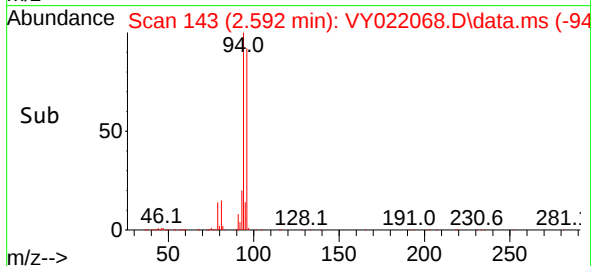
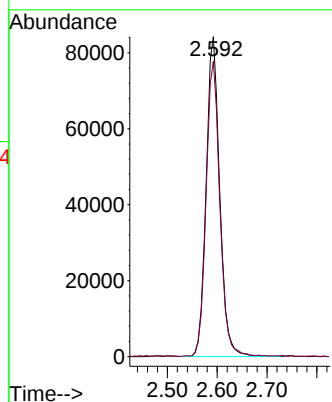
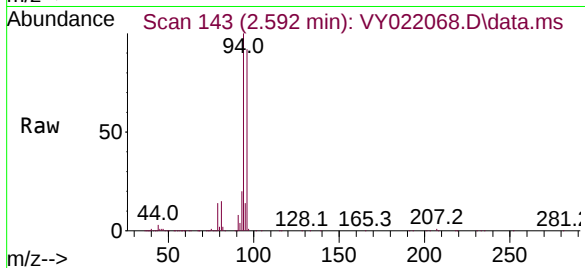




#5
Bromomethane
Concen: 46.000 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

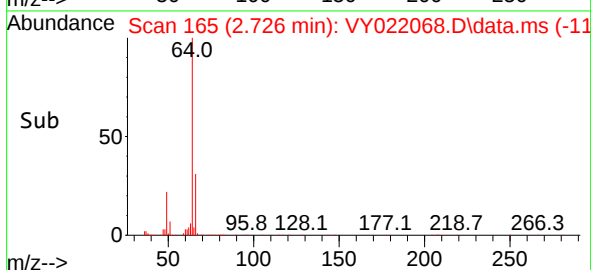
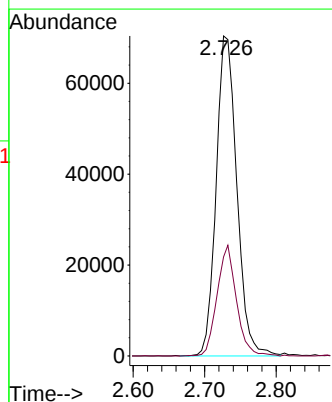
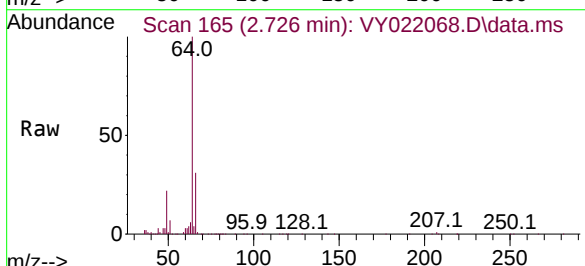
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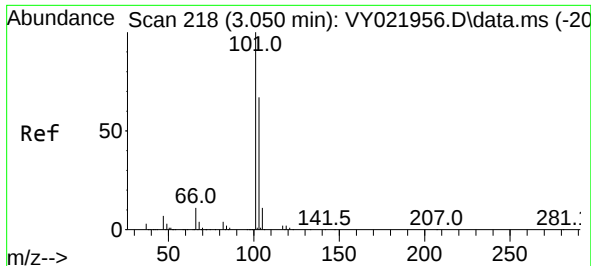
Tgt Ion: 94 Resp: 158978
Ion Ratio Lower Upper
94 100
96 92.3 74.6 111.8



#6
Chloroethane
Concen: 51.778 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 64 Resp: 141458
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4

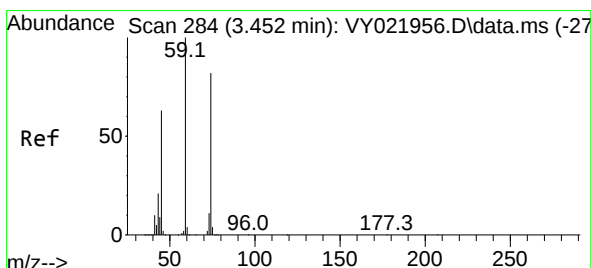
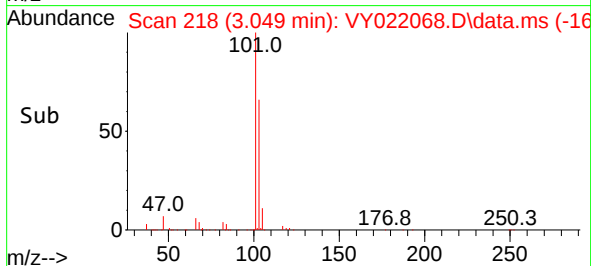
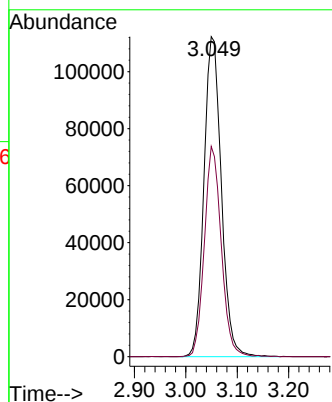
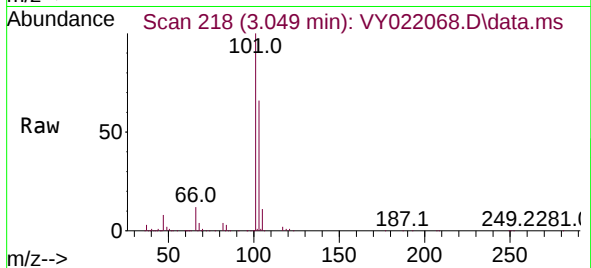




#7
 Trichlorofluoromethane
 Concen: 49.838 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

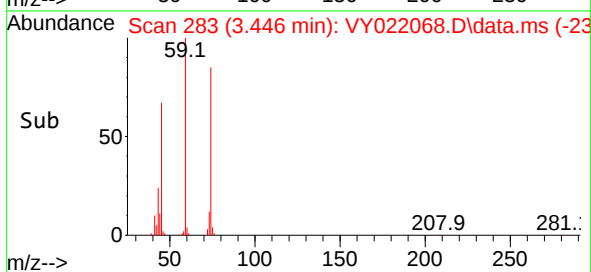
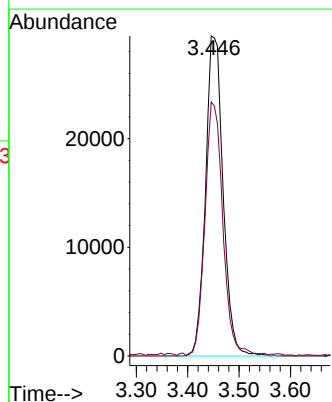
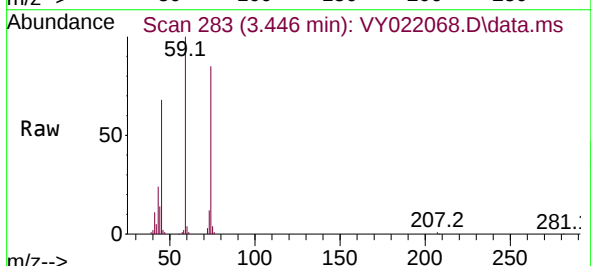
Instrument :
 MSVOA_Y
 ClientSampleId :
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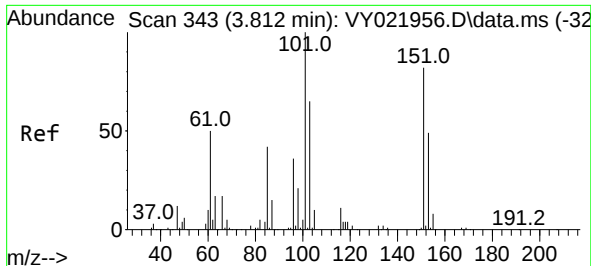
Tgt Ion:101 Resp: 263632
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.6 80.4



#8
 Diethyl Ether
 Concen: 50.792 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
 Lab File: VY022068.D
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Tgt Ion: 74 Resp: 69931
 Ion Ratio Lower Upper
 74 100
 45 81.4 39.1 117.5

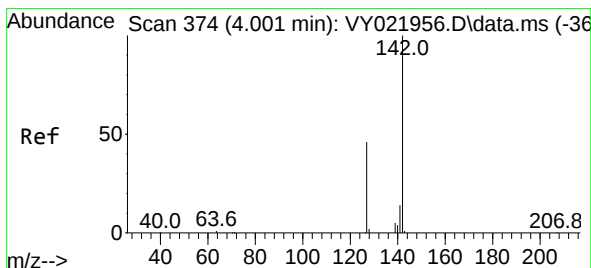
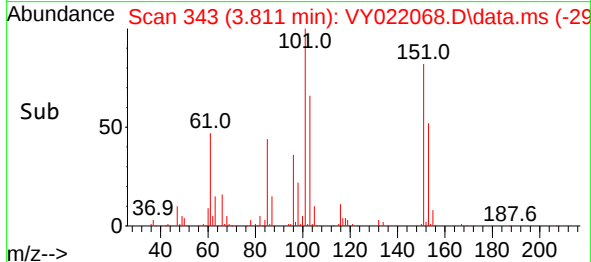
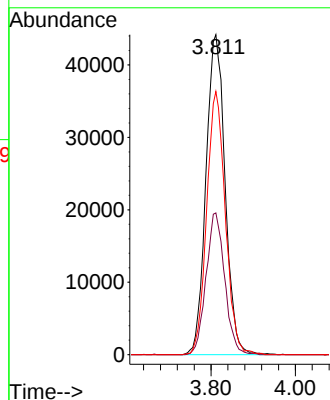
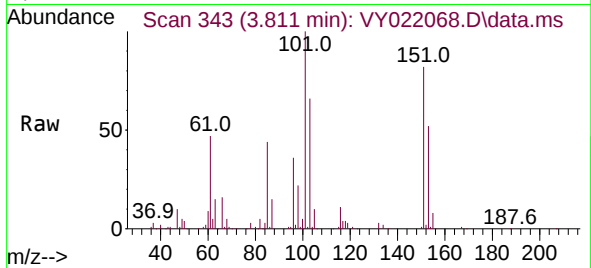




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.556 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

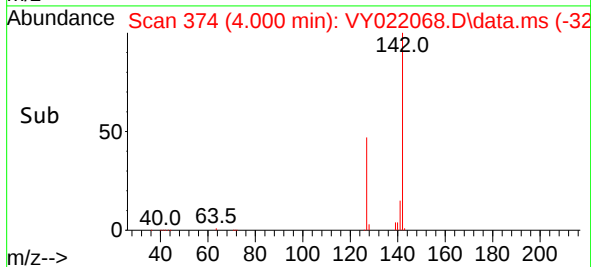
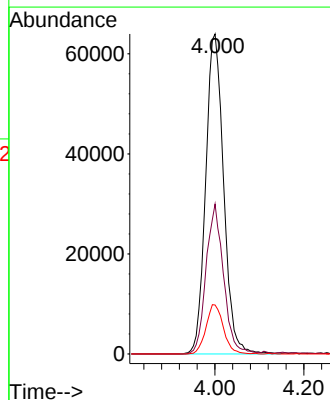
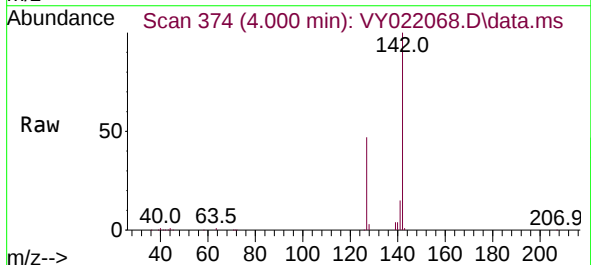
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

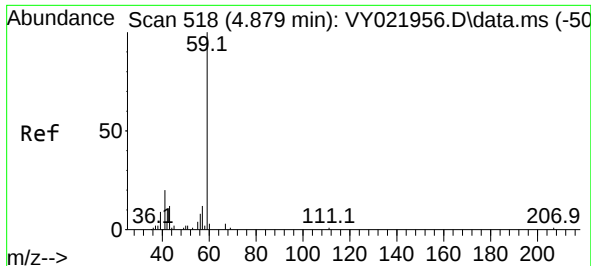
Tgt Ion:101 Resp: 139332
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 80.2 63.7 95.5



#10
Methyl Iodide
Concen: 54.192 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion:142 Resp: 180042
Ion Ratio Lower Upper
142 100
127 45.5 36.2 54.2
141 14.9 11.7 17.5

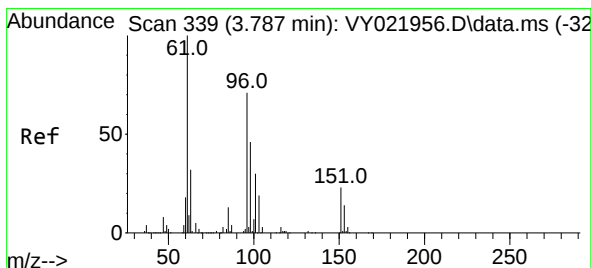
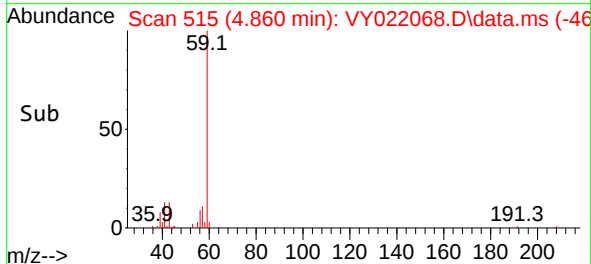
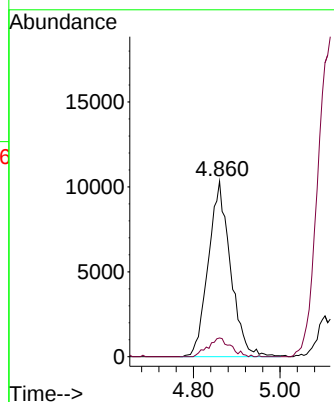
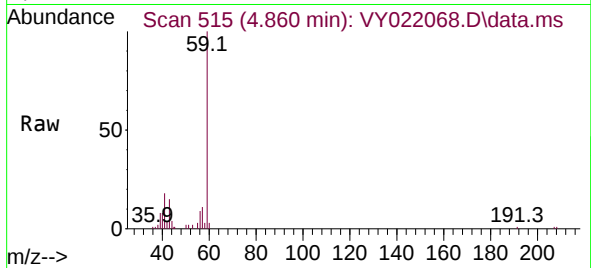




#11
Tert butyl alcohol
Concen: 269.330 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

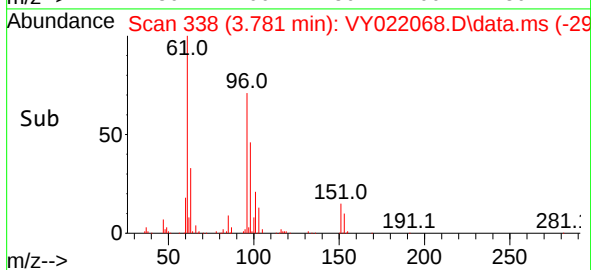
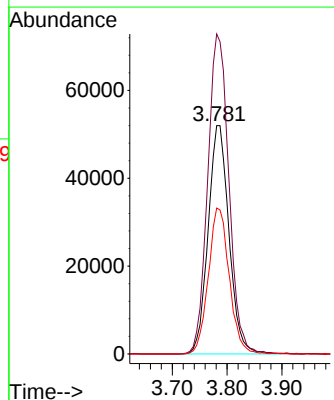
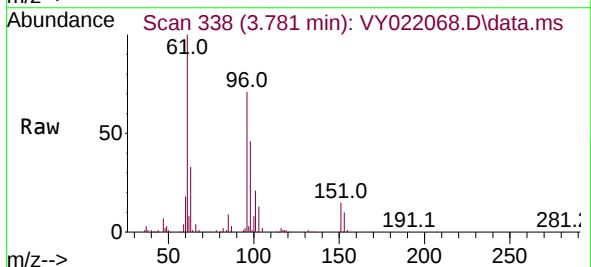
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

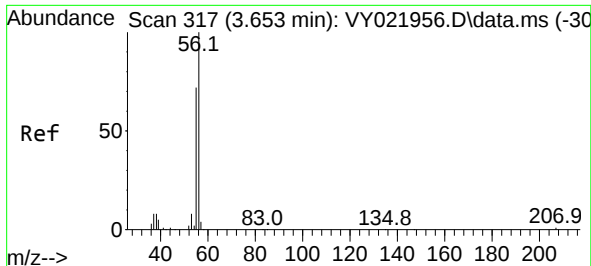
Tgt Ion: 59 Resp: 36746
Ion Ratio Lower Upper
59 100
57 10.8 9.3 13.9



#12
1,1-Dichloroethene
Concen: 51.332 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 96 Resp: 137296
Ion Ratio Lower Upper
96 100
61 140.1 113.0 169.4
98 63.9 51.4 77.2





#13

Acrolein

Concen: 226.169 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

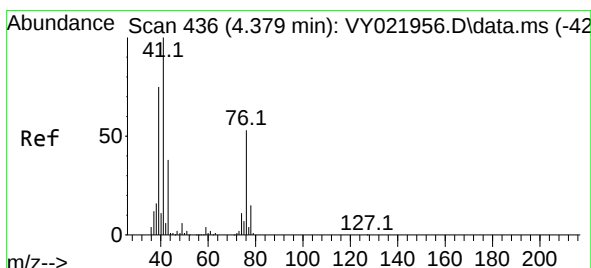
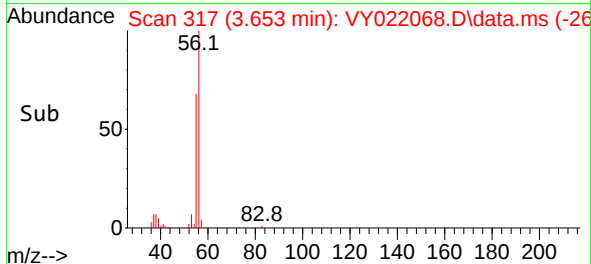
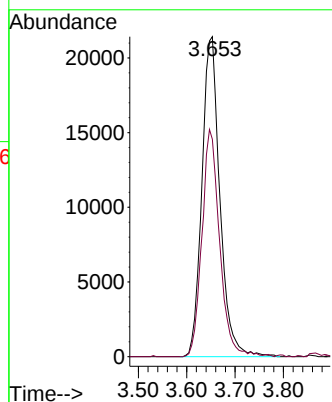
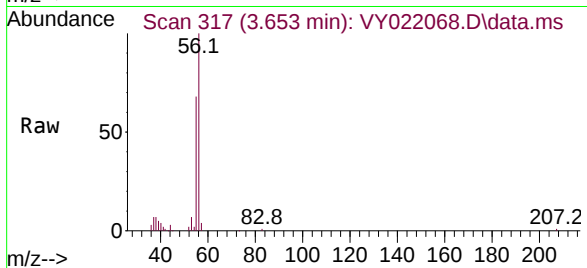
VSTDCCC050EC

Tgt Ion: 56 Resp: 55383

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.0



#14

Allyl chloride

Concen: 51.426 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

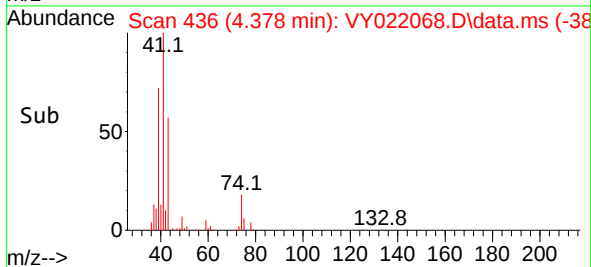
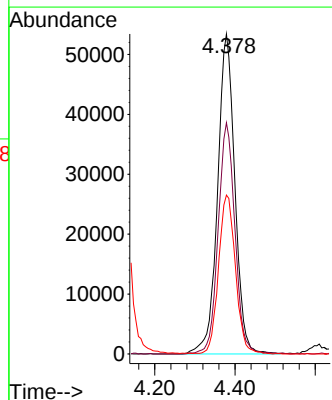
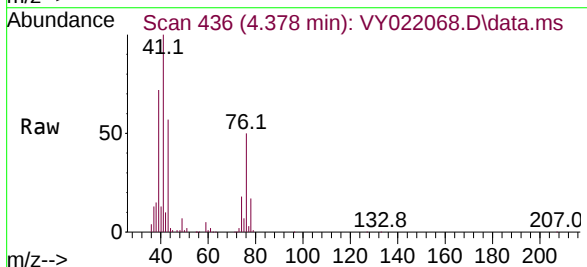
Tgt Ion: 41 Resp: 160157

Ion Ratio Lower Upper

41 100

39 70.2 57.2 85.8

76 48.6 39.7 59.5

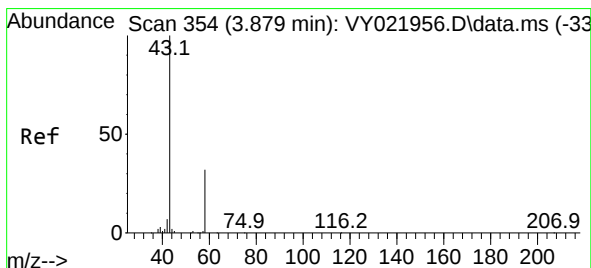
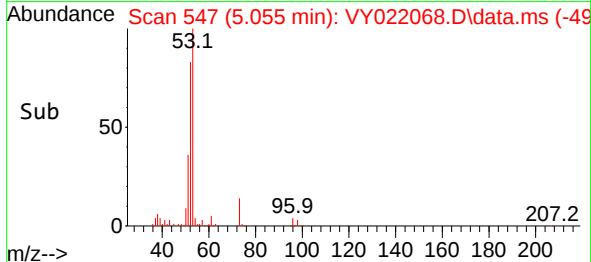
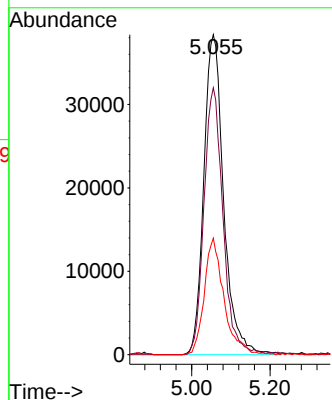
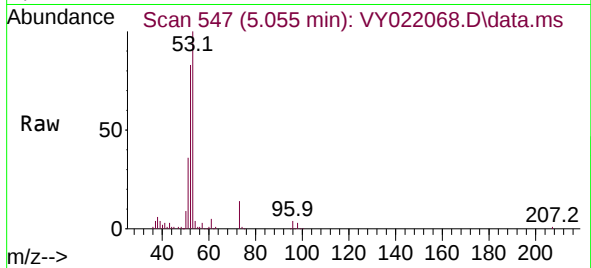




#15
Acrylonitrile
Concen: 267.708 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

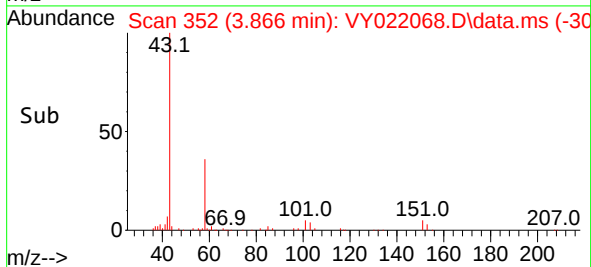
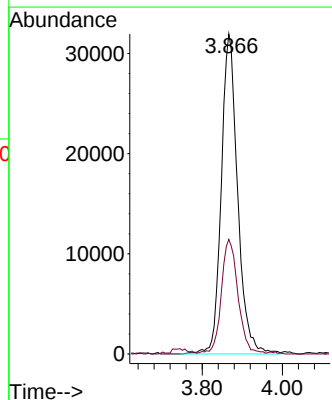
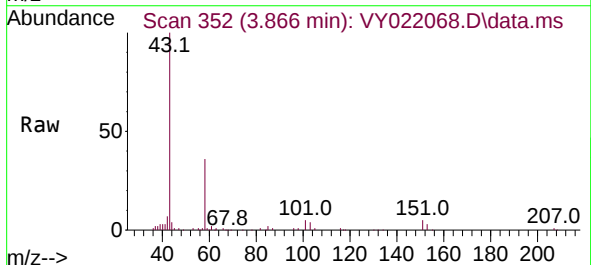
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

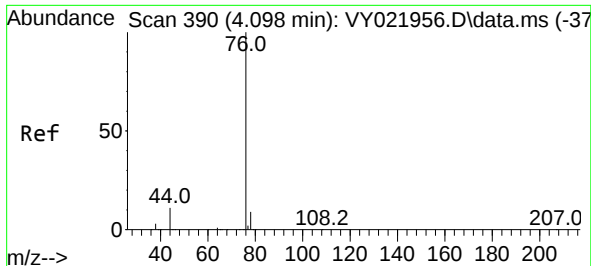
Tgt Ion: 53 Resp: 134934
Ion Ratio Lower Upper
53 100
52 79.9 65.0 97.6
51 36.3 28.9 43.3



#16
Acetone
Concen: 280.286 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 43 Resp: 90333
Ion Ratio Lower Upper
43 100
58 35.5 27.0 40.4

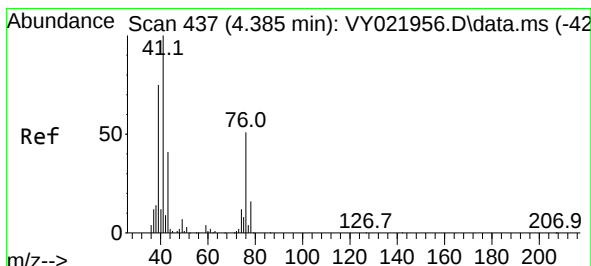
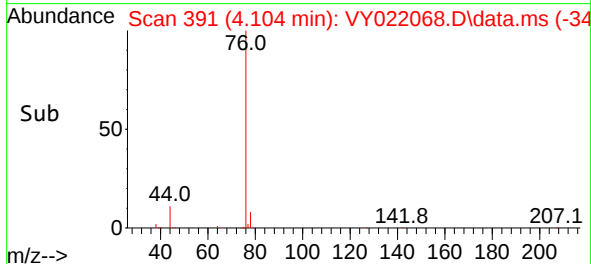
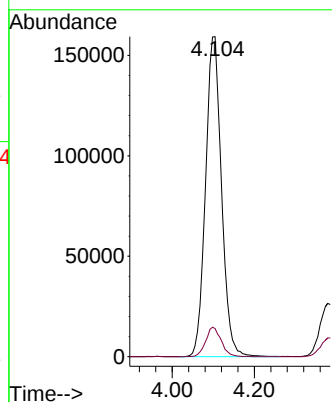
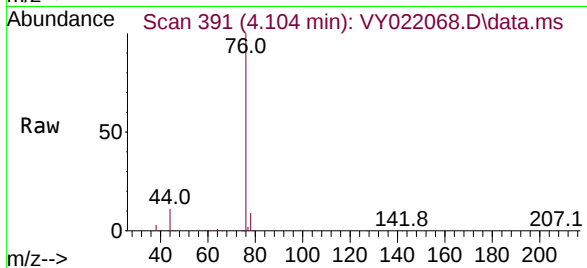




#17
Carbon Disulfide
Concen: 50.348 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

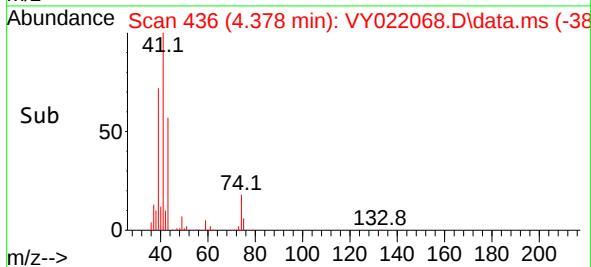
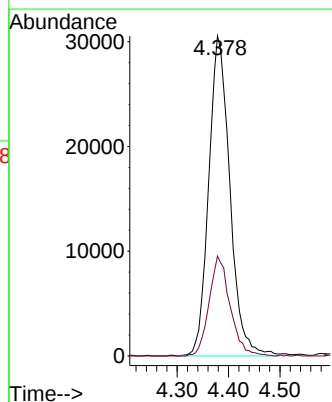
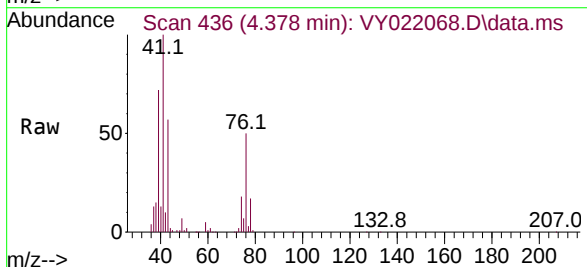
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 429374
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 75.357 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 43 Resp: 87481
Ion Ratio Lower Upper
43 100
74 30.8 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 54.295 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

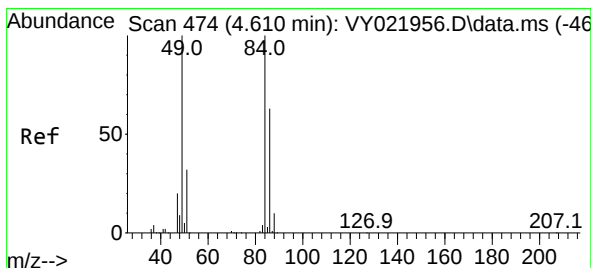
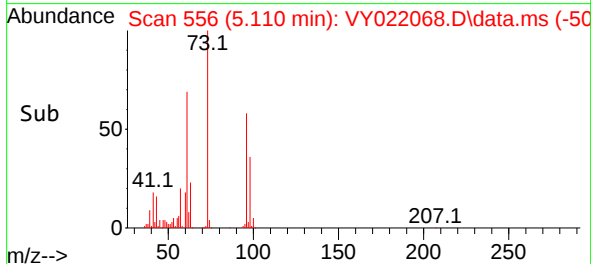
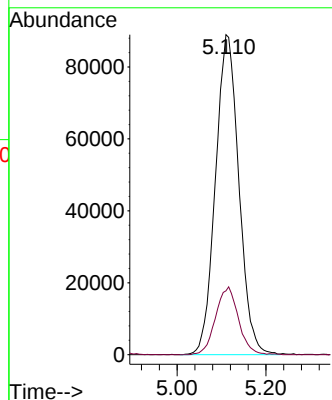
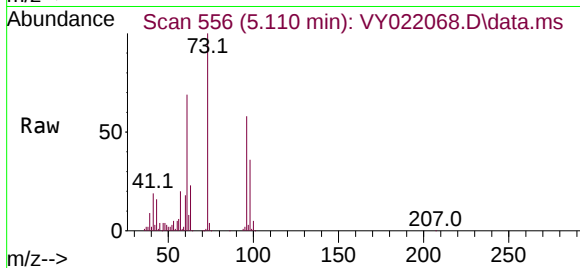
VSTDCCC050EC

Tgt Ion: 73 Resp: 325033

Ion Ratio Lower Upper

73 100

57 20.0 16.9 25.3



#20

Methylene Chloride

Concen: 49.589 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Tgt Ion: 84 Resp: 155832

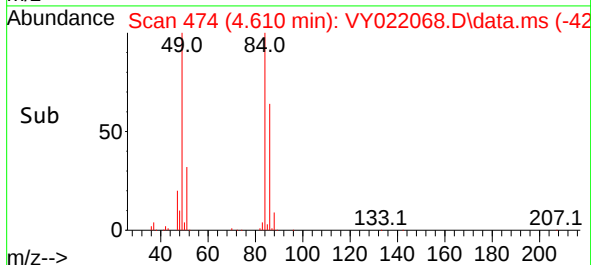
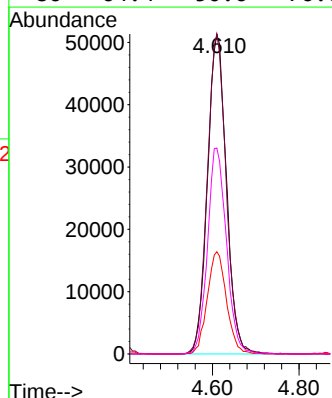
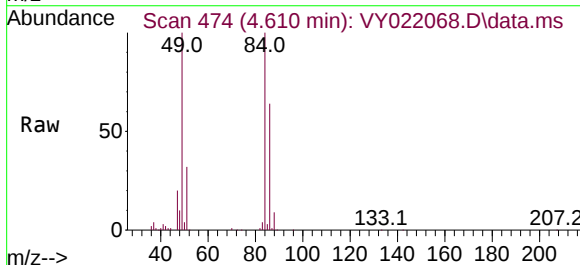
Ion Ratio Lower Upper

84 100

49 100.1 79.9 119.9

51 32.0 25.4 38.0

86 64.4 50.6 76.0

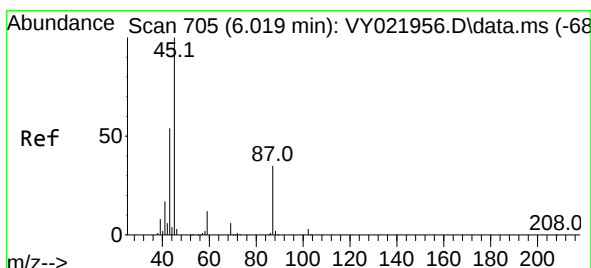
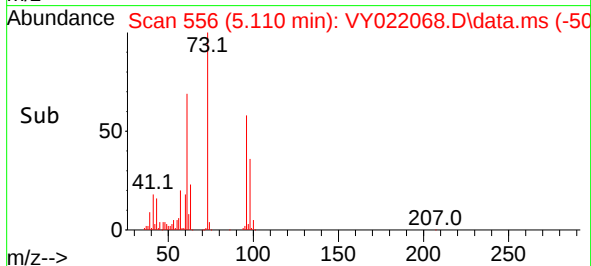
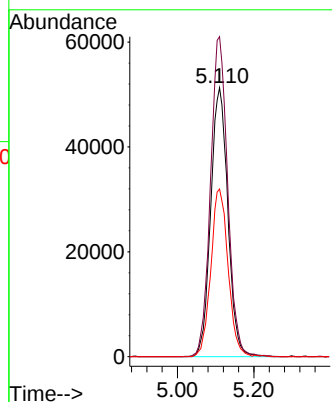
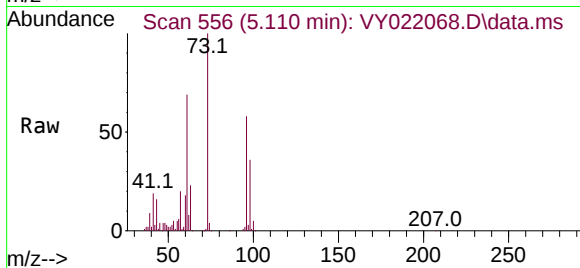




#21
trans-1,2-Dichloroethene
Concen: 53.273 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

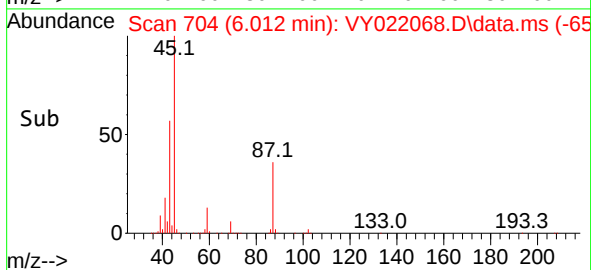
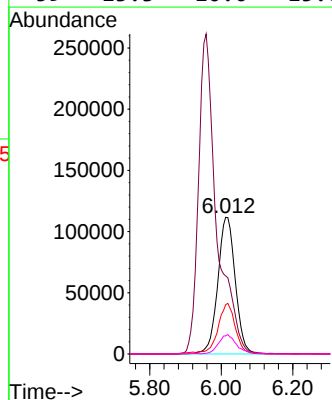
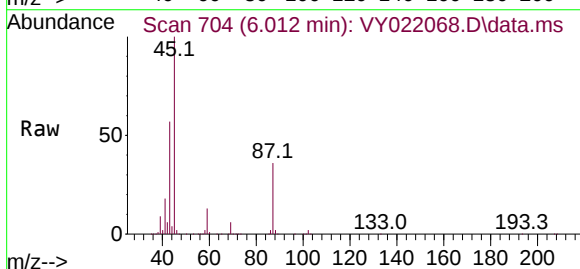
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

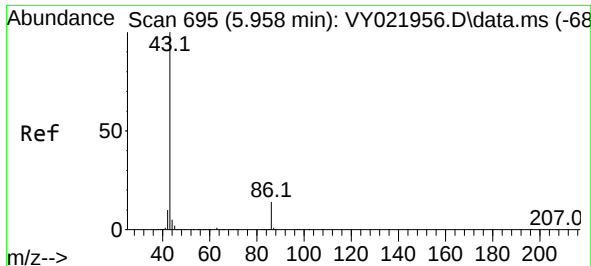
Tgt Ion: 96 Resp: 159575
Ion Ratio Lower Upper
96 100
61 118.9 92.6 138.8
98 62.3 50.2 75.4



#22
Diisopropyl ether
Concen: 54.768 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 45 Resp: 379582
Ion Ratio Lower Upper
45 100
43 57.0 43.6 65.4
87 36.1 28.2 42.4
59 13.3 10.0 15.0

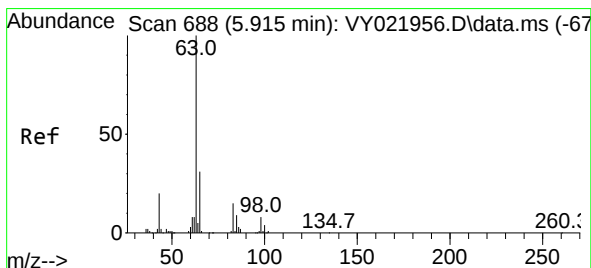
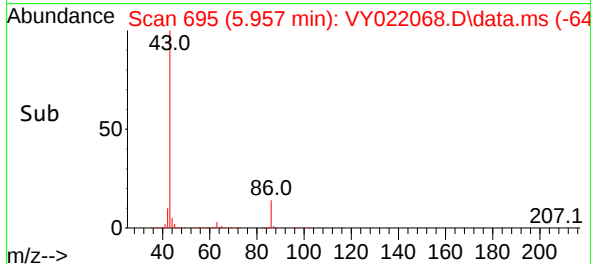
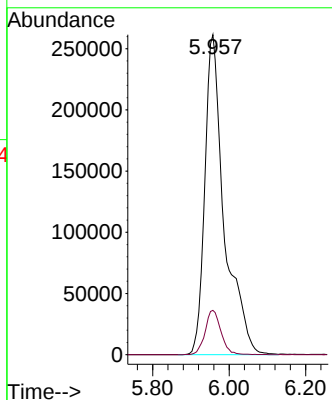
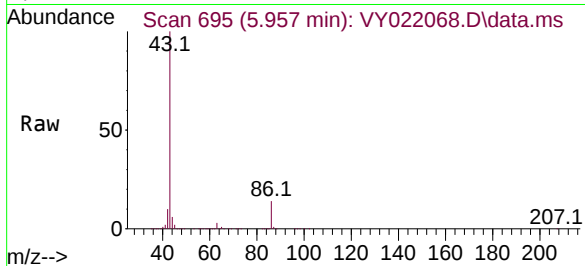




#23
 Vinyl Acetate
 Concen: 247.385 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

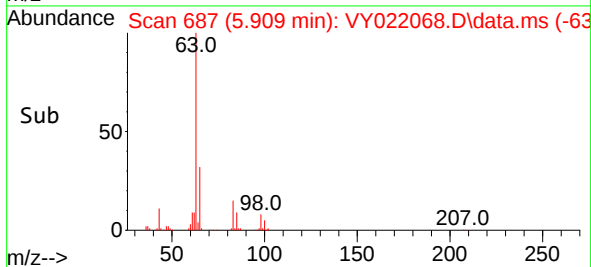
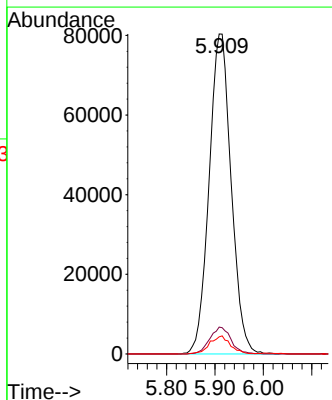
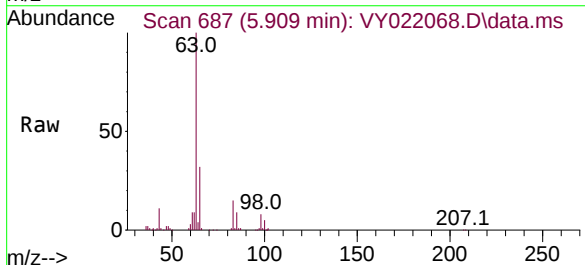
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

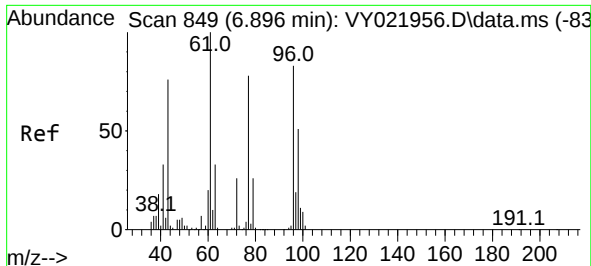
Tgt Ion: 43 Resp: 924022
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 53.026 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

Tgt Ion: 63 Resp: 254741
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 265.784 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

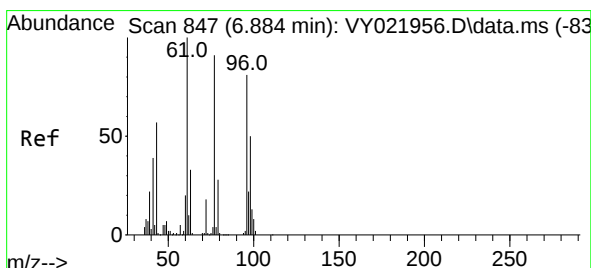
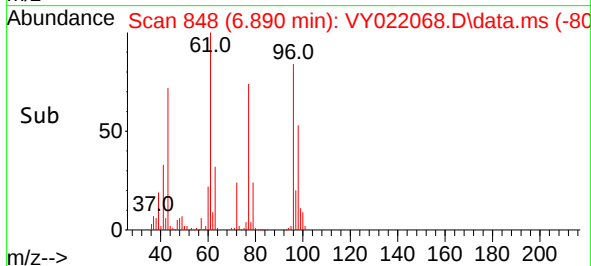
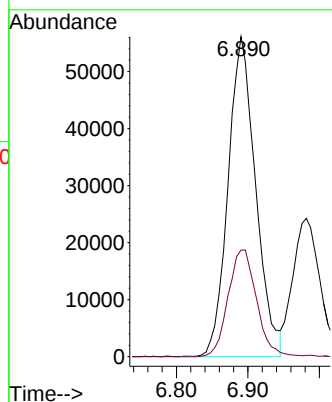
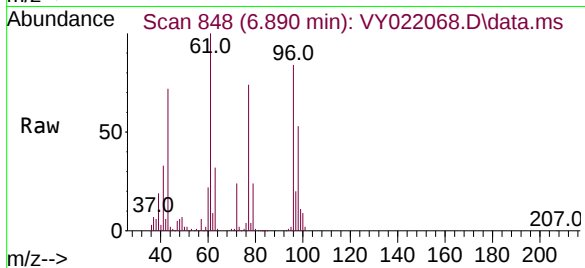
VSTDCCC050EC

Tgt Ion: 43 Resp: 150563

Ion Ratio Lower Upper

43 100

72 33.3 27.0 40.4



#26

2,2-Dichloropropane

Concen: 47.023 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY022068.D

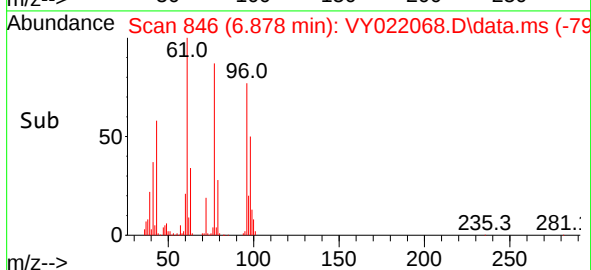
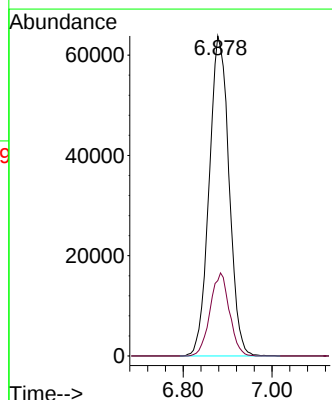
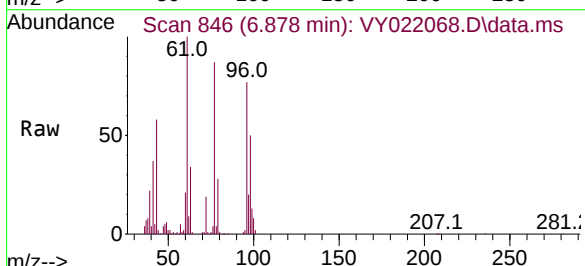
Acq: 29 Apr 2025 19:45

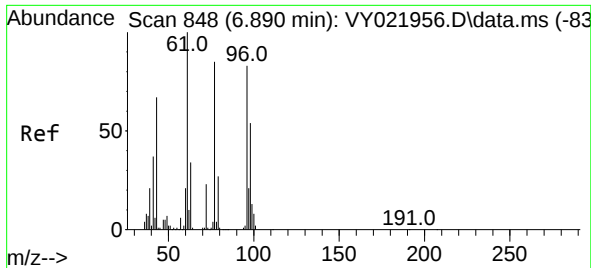
Tgt Ion: 77 Resp: 197993

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.4



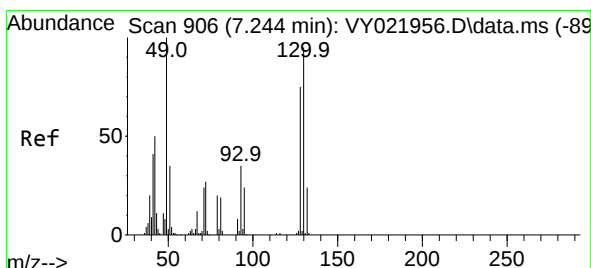
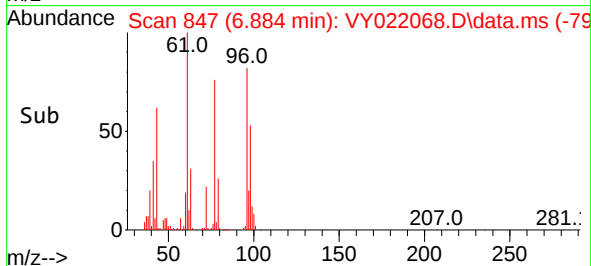
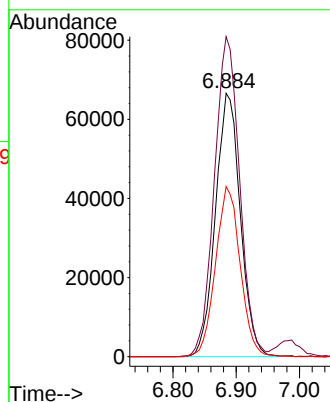
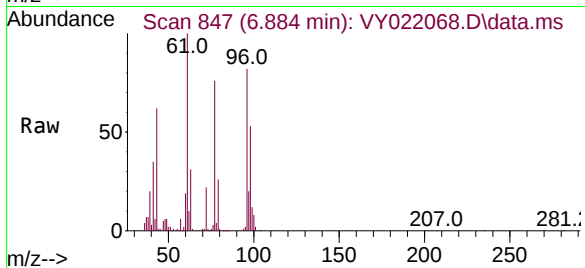


#27
 cis-1,2-Dichloroethene
 Concen: 54.341 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 182008

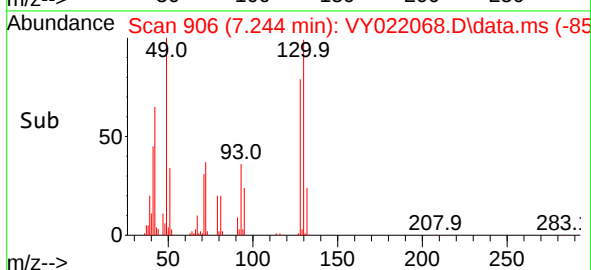
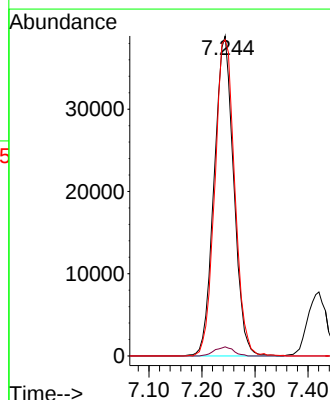
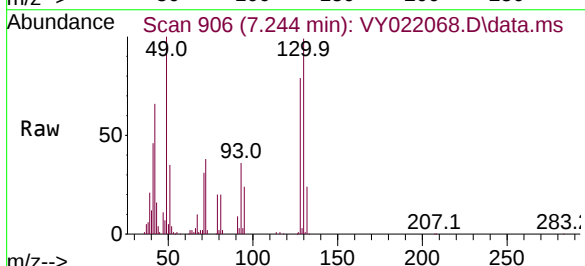
Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	251.4
98	64.0	0.0	128.4

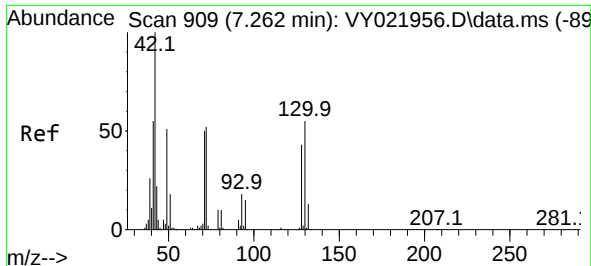


#28
 Bromochloromethane
 Concen: 53.320 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

Tgt Ion: 49 Resp: 99494

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	100.6	78.2	117.4





#29

Tetrahydrofuran

Concen: 274.027 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

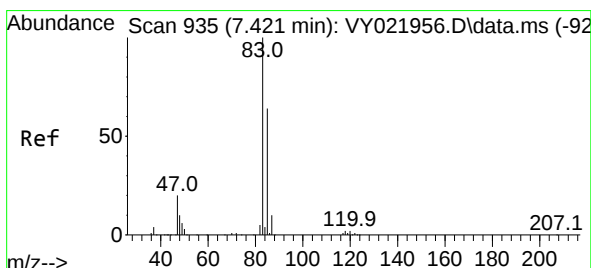
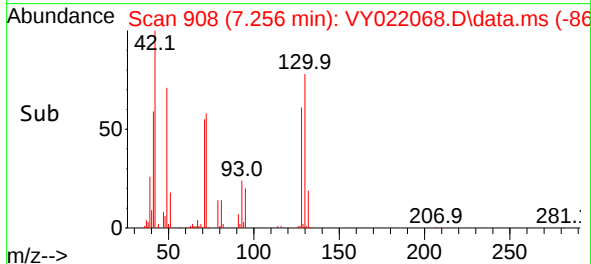
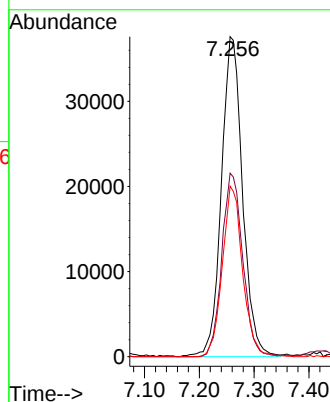
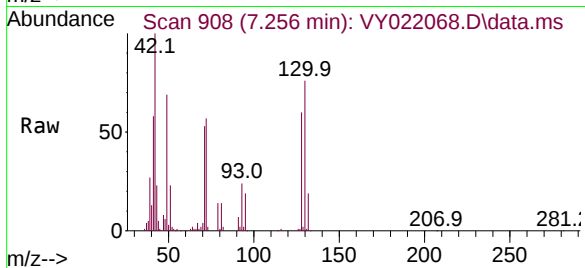
Tgt Ion: 42 Resp: 100821

Ion Ratio Lower Upper

42 100

72 56.6 42.6 63.8

71 51.2 40.6 61.0



#30

Chloroform

Concen: 54.594 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022068.D

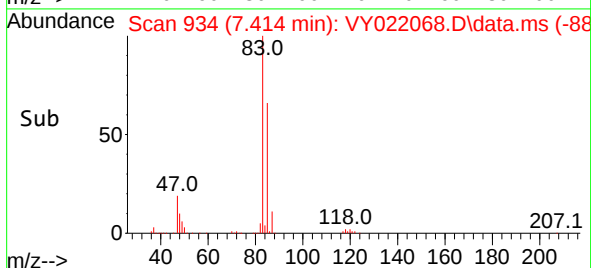
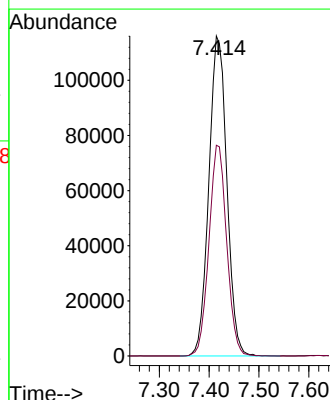
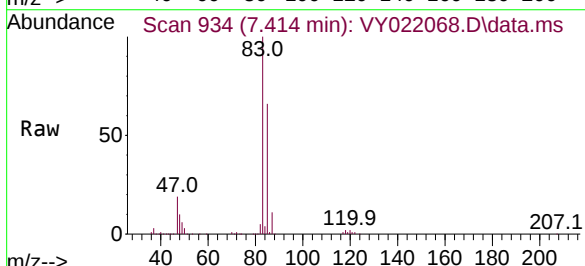
Acq: 29 Apr 2025 19:45

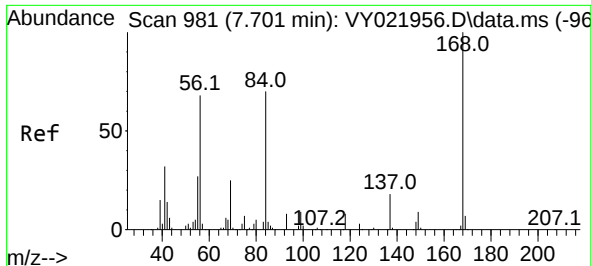
Tgt Ion: 83 Resp: 290919

Ion Ratio Lower Upper

83 100

85 65.8 51.3 76.9

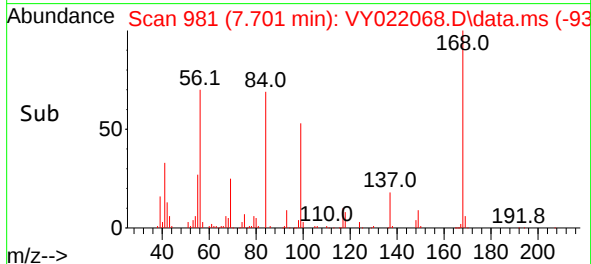
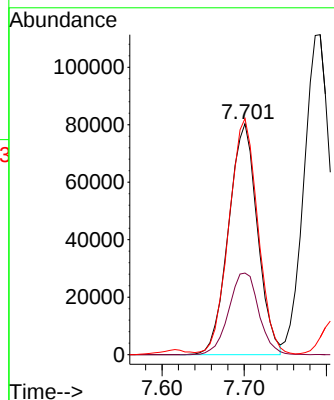
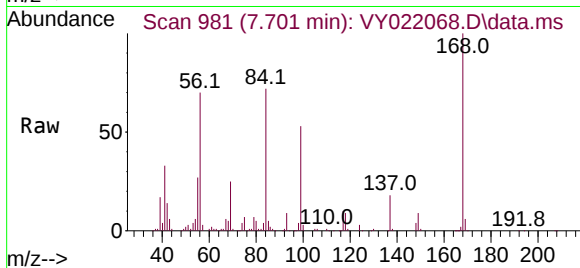




#31
Cyclohexane
Concen: 47.840 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

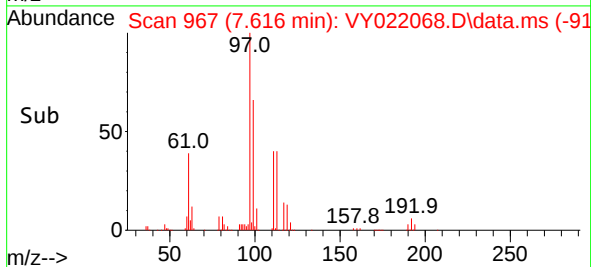
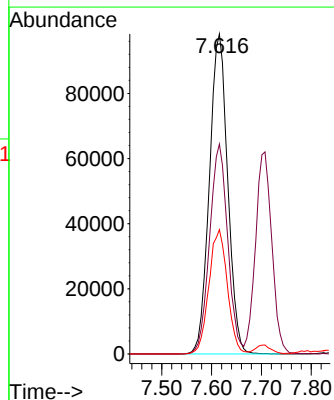
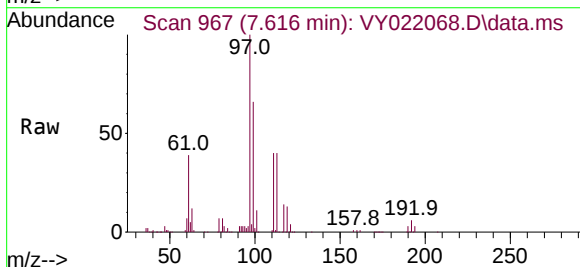
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 196536
Ion Ratio Lower Upper
56 100
69 35.3 29.4 44.2
84 100.3 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 51.916 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 97 Resp: 250288
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 39.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.995 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

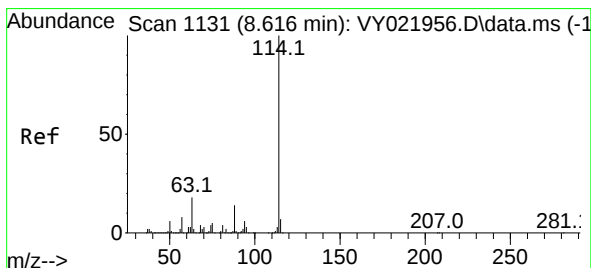
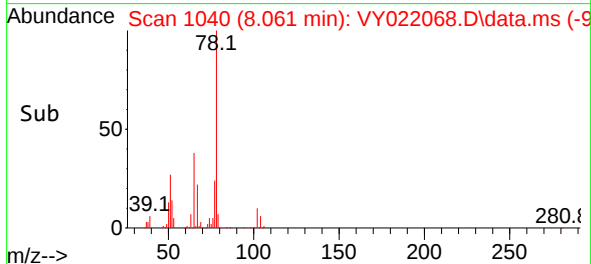
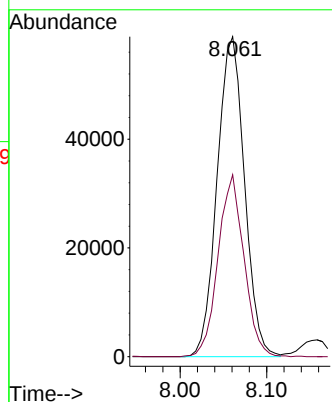
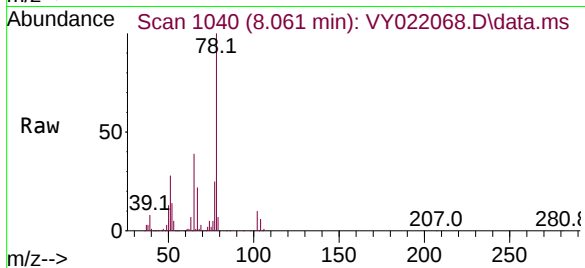
VSTDCCC050EC

Tgt Ion: 65 Resp: 129218

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

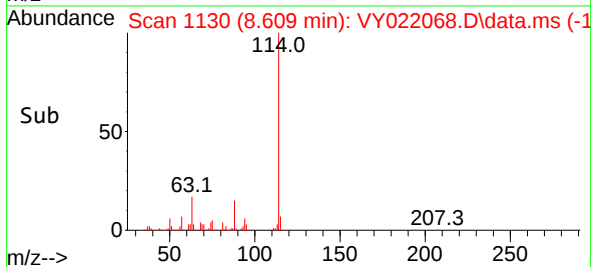
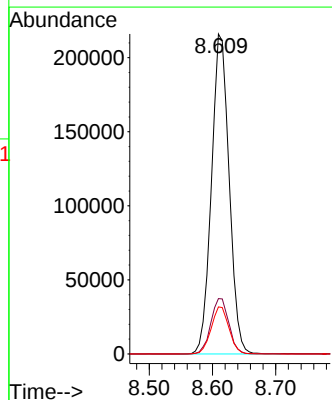
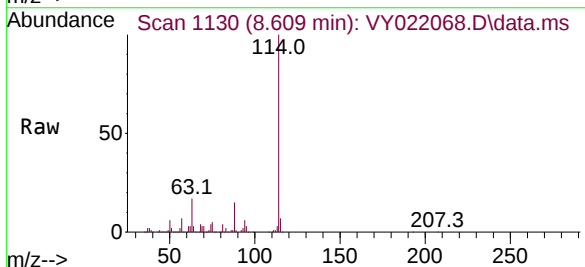
Tgt Ion: 114 Resp: 418891

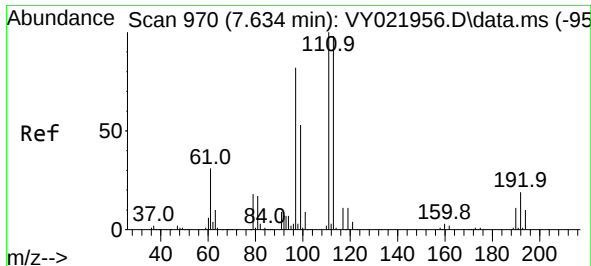
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

88 14.7 0.0 28.2

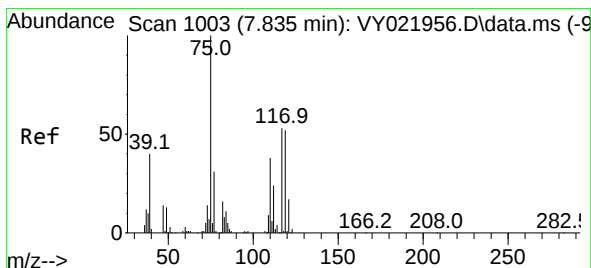
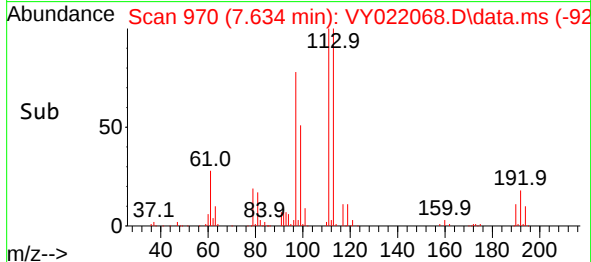
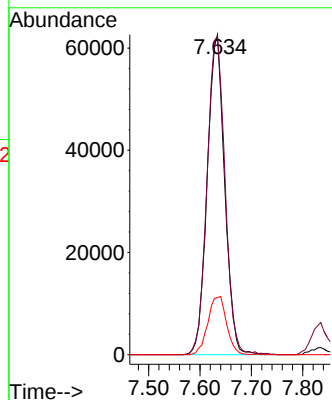
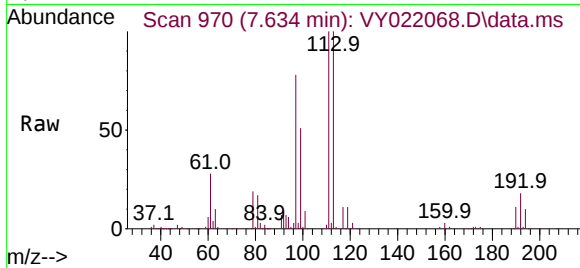




#35
Dibromofluoromethane
Concen: 53.246 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

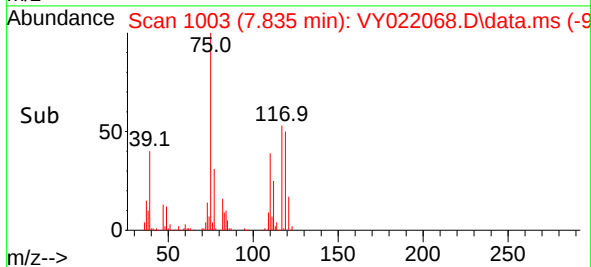
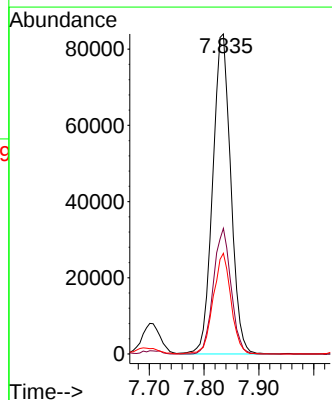
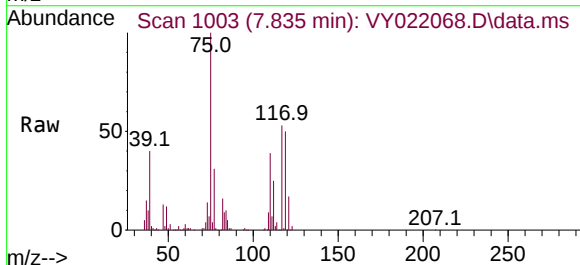
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

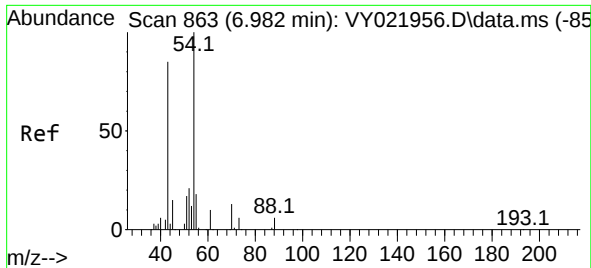
Tgt Ion:113 Resp: 147355
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 19.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 51.671 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 75 Resp: 192081
Ion Ratio Lower Upper
75 100
110 38.2 19.1 57.3
77 31.0 25.5 38.3

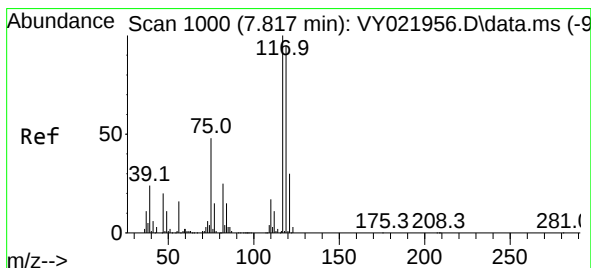
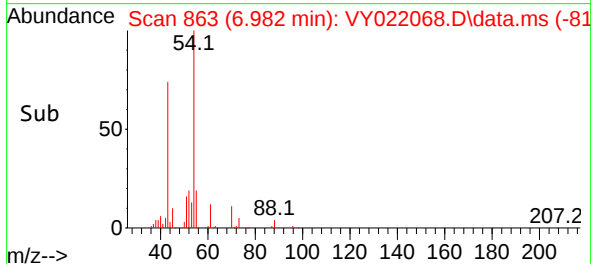
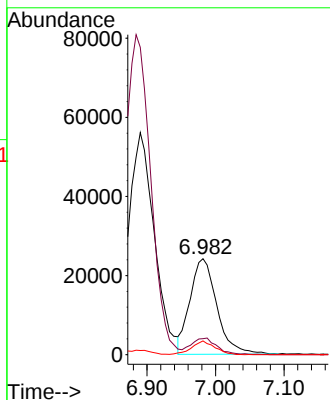
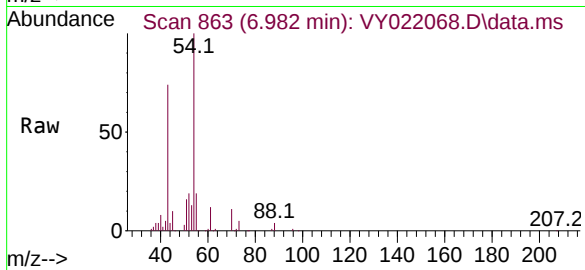




#37
Ethyl Acetate
Concen: 49.331 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

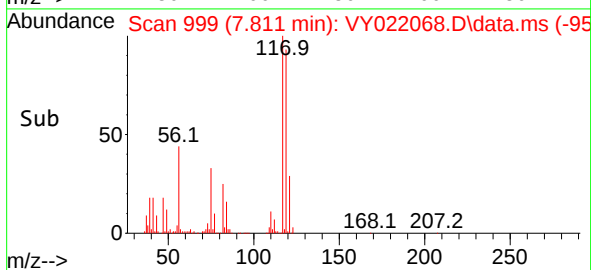
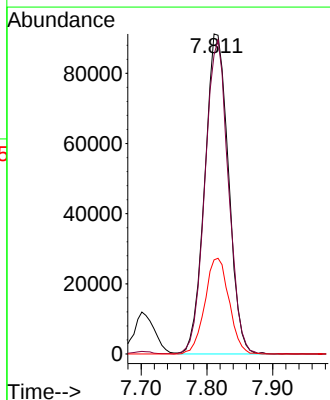
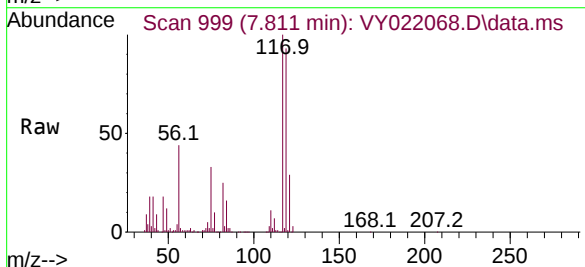
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

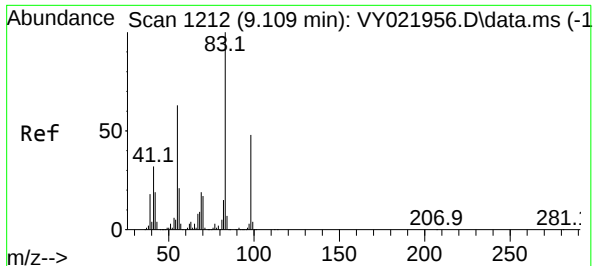
Tgt Ion:	43	Resp:	65862
Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.8	20.6
70	12.4	9.2	13.8



#38
Carbon Tetrachloride
Concen: 51.548 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion:	117	Resp:	228976
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.2	114.4
121	29.4	24.0	36.0





#39

Methylcyclohexane

Concen: 49.780 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

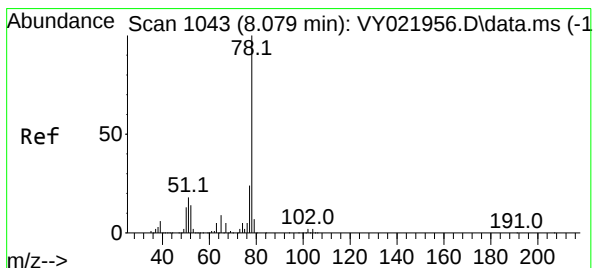
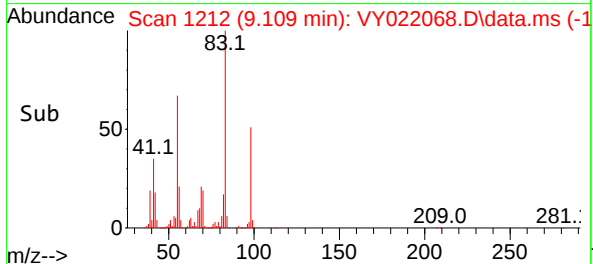
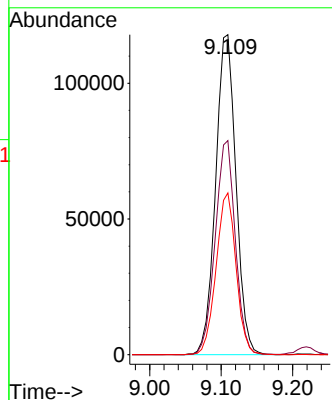
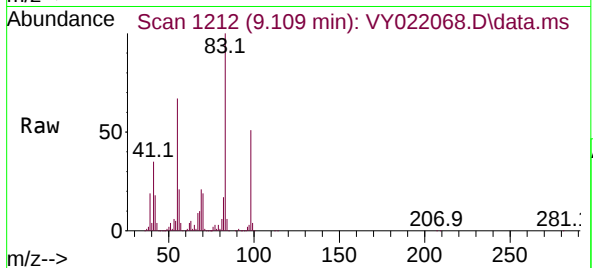
Tgt Ion: 83 Resp: 232877

Ion Ratio Lower Upper

83 100

55 66.9 50.6 75.8

98 50.6 38.6 58.0



#40

Benzene

Concen: 53.938 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022068.D

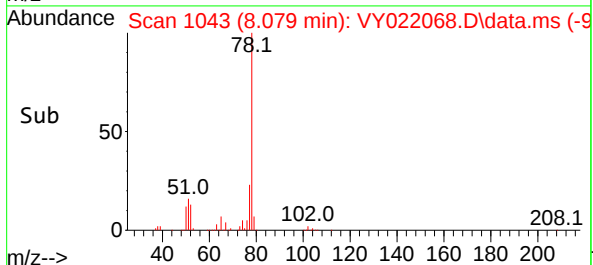
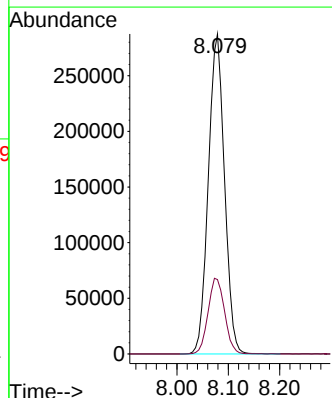
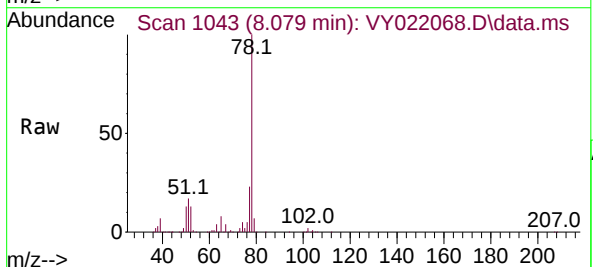
Acq: 29 Apr 2025 19:45

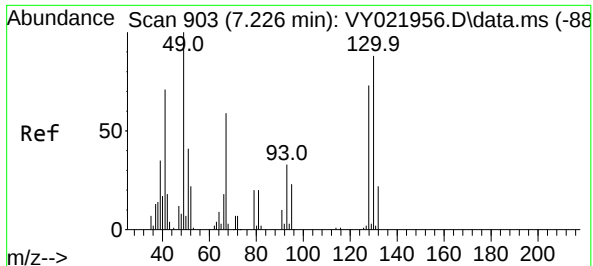
Tgt Ion: 78 Resp: 626786

Ion Ratio Lower Upper

78 100

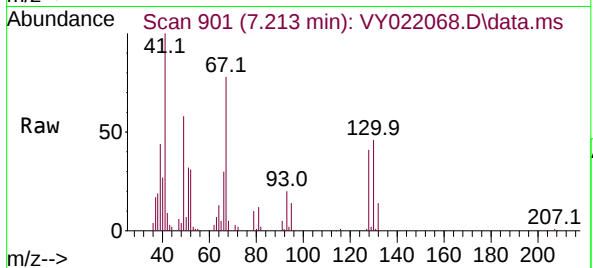
77 23.2 19.3 28.9



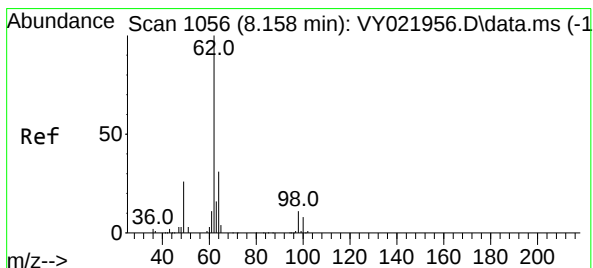
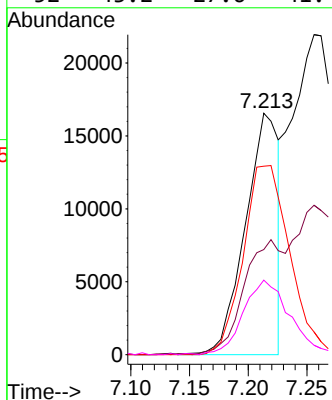
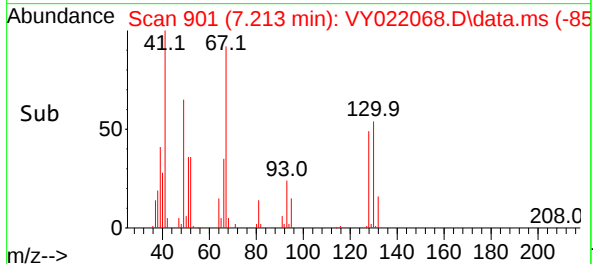


#41
Methacrylonitrile
Concen: 44.758 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

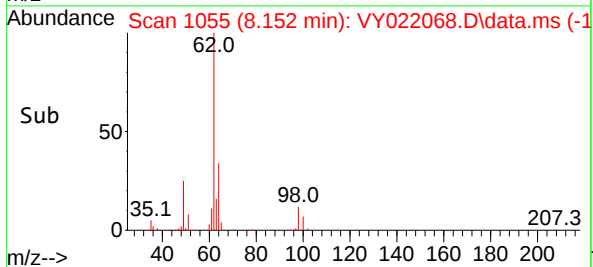
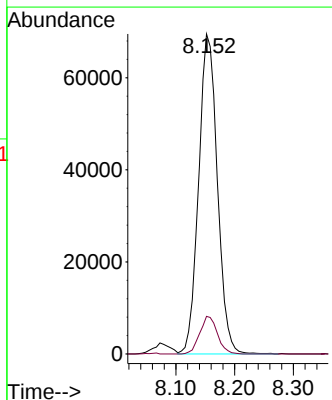
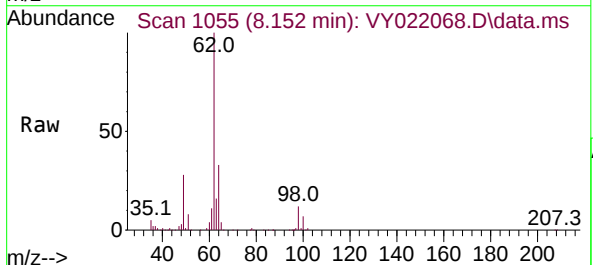


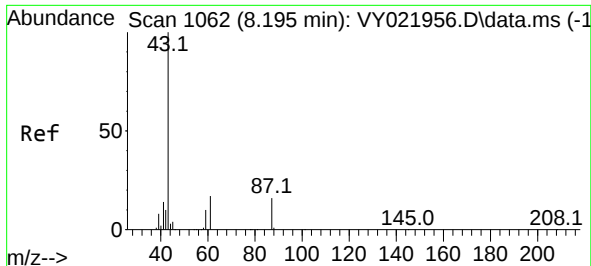
Tgt Ion: 41 Resp: 32666
Ion Ratio Lower Upper
41 100
39 58.1 36.6 55.0#
67 109.4 72.2 108.4#
52 43.2 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 53.601 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 62 Resp: 154213
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.0

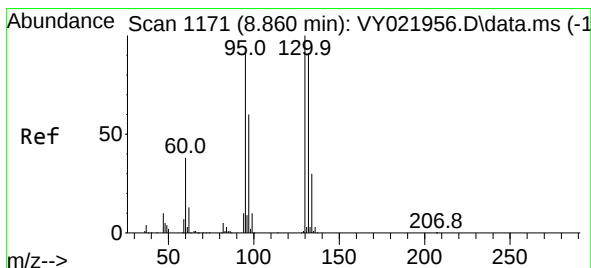
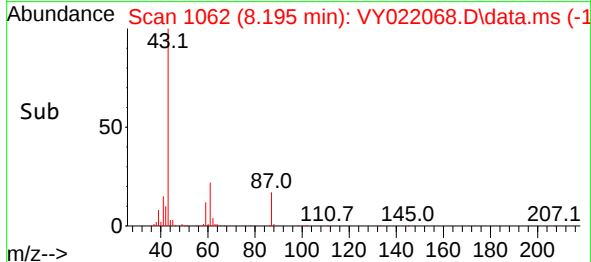
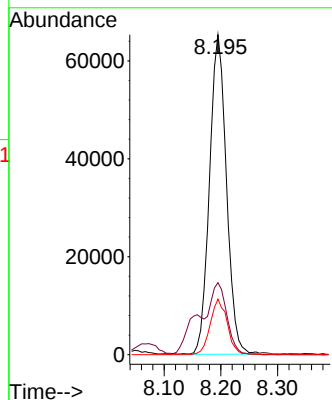
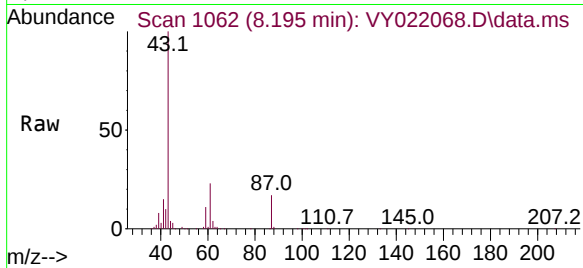




#43
Isopropyl Acetate
Concen: 52.869 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

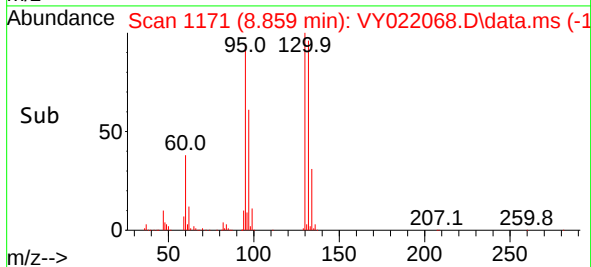
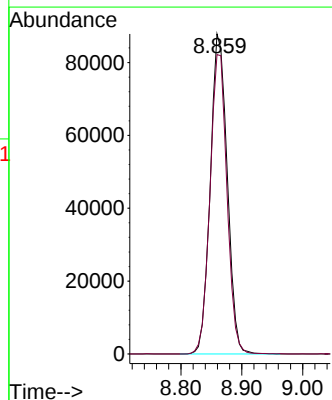
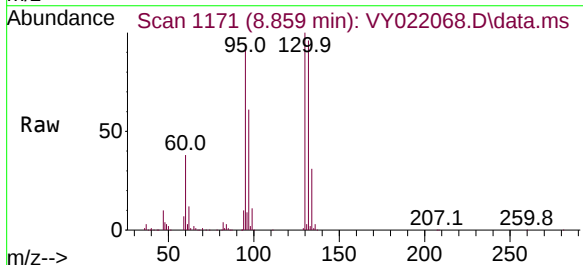
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

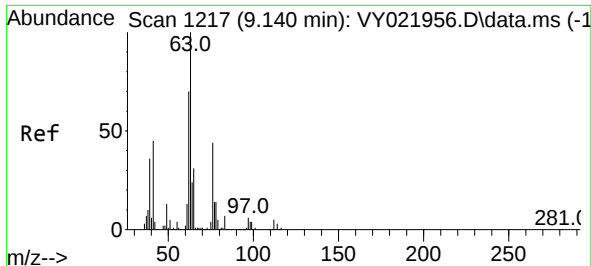
Tgt Ion: 43 Resp: 135555
Ion Ratio Lower Upper
43 100
61 22.9 18.9 28.3
87 17.5 13.7 20.5



#44
Trichloroethene
Concen: 52.758 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion:130 Resp: 169810
Ion Ratio Lower Upper
130 100
95 93.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 54.340 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

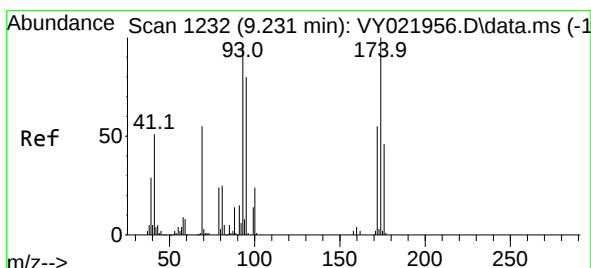
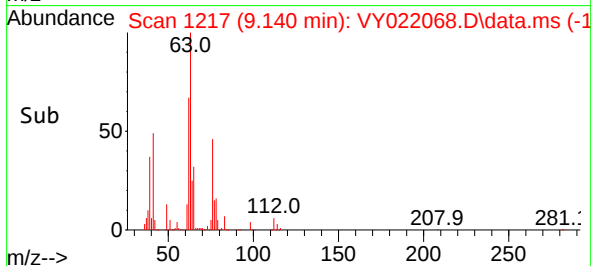
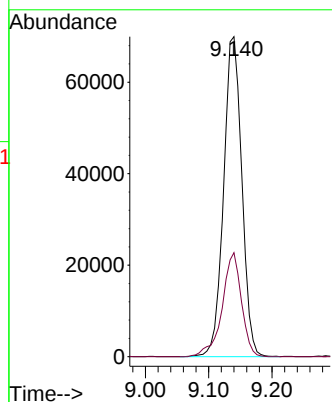
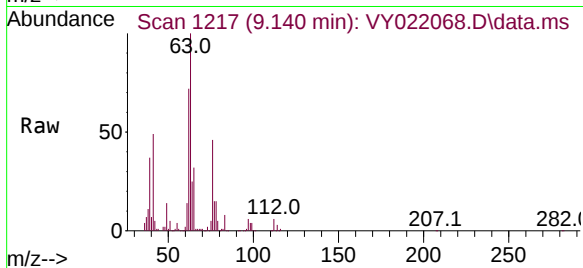
VSTDC050EC

Tgt Ion: 63 Resp: 139643

Ion Ratio Lower Upper

63 100

65 32.5 25.2 37.8



#46

Dibromomethane

Concen: 55.126 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

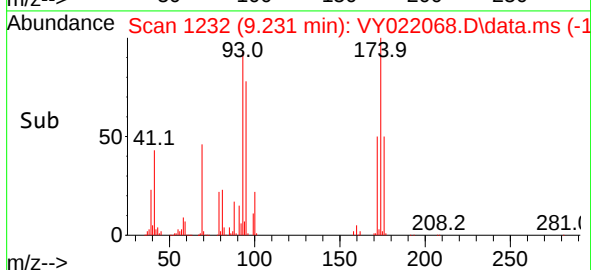
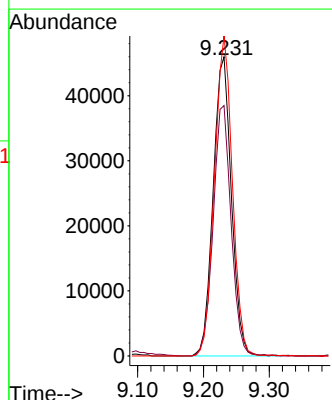
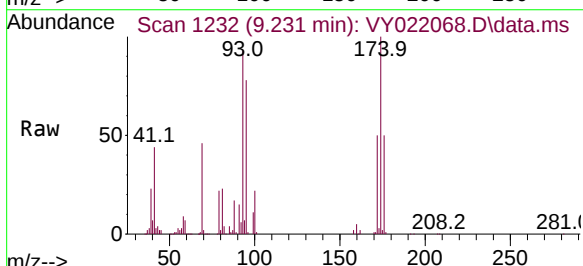
Tgt Ion: 93 Resp: 88680

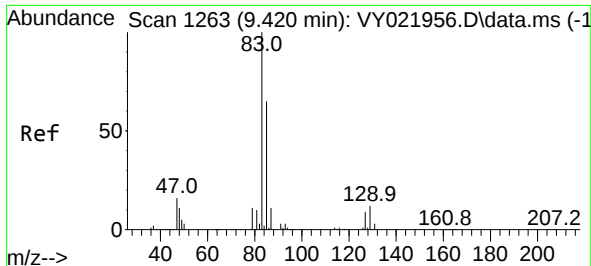
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 105.0 84.6 127.0

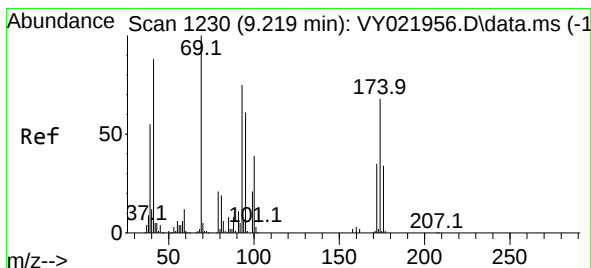
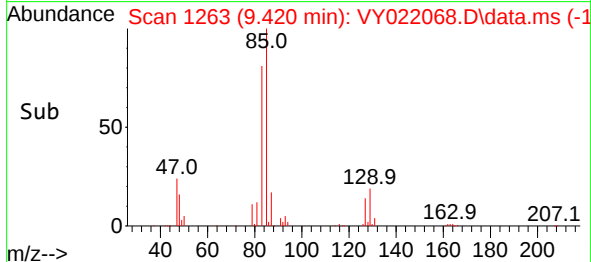
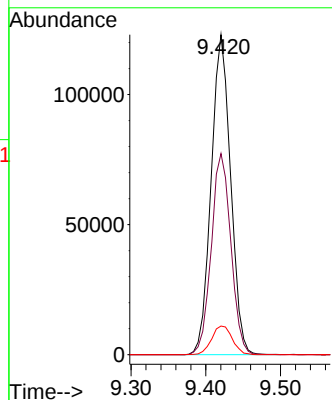
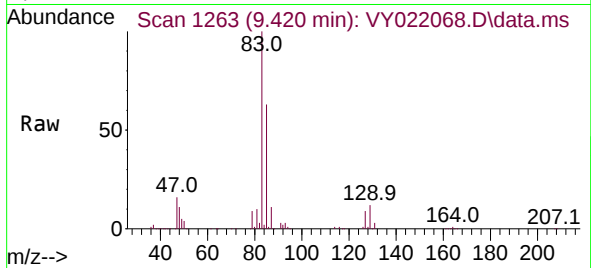




#47
Bromodichloromethane
Concen: 55.392 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

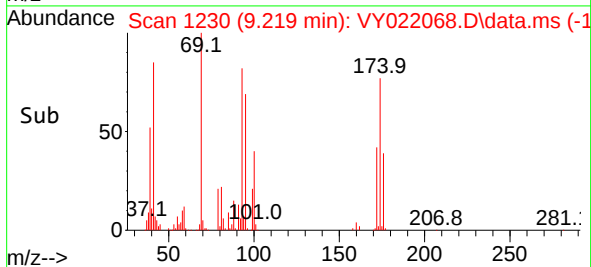
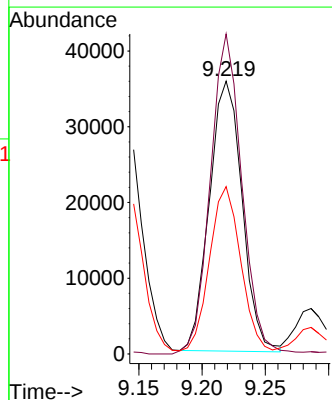
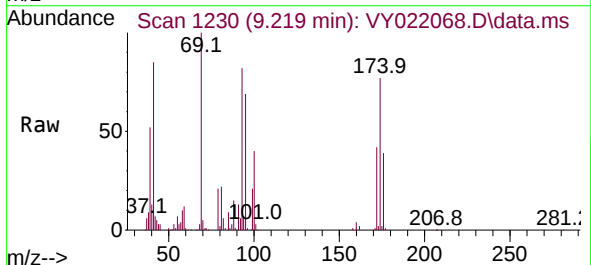
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

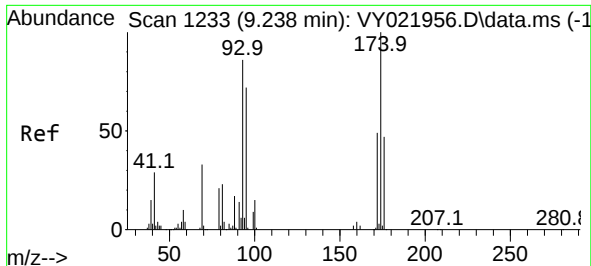
Tgt Ion: 83 Resp: 222605
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 54.252 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 41 Resp: 64303
Ion Ratio Lower Upper
41 100
69 114.0 85.5 128.3
39 57.6 46.2 69.4





#49

1,4-Dioxane

Concen: 1115.262 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

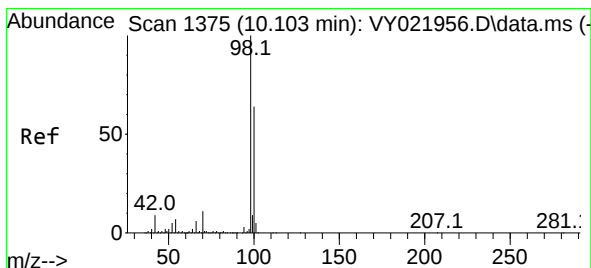
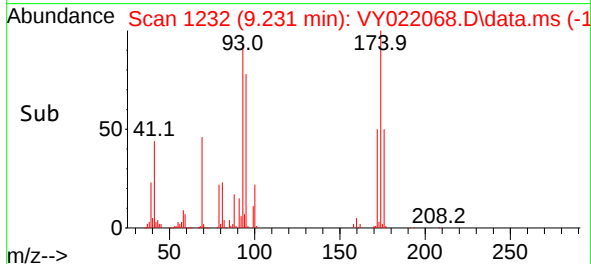
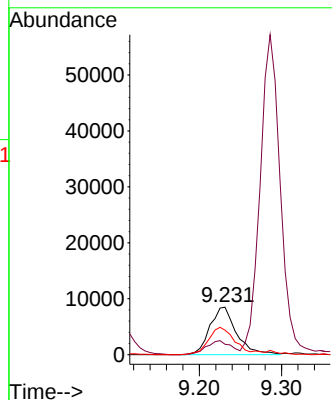
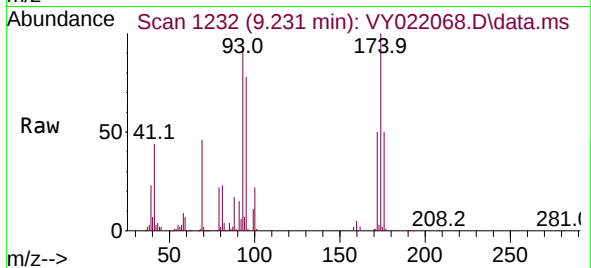
Tgt Ion: 88 Resp: 19122

Ion Ratio Lower Upper

88 100

43 27.7 21.3 31.9

58 58.3 50.5 75.7



#50

Toluene-d8

Concen: 53.676 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022068.D

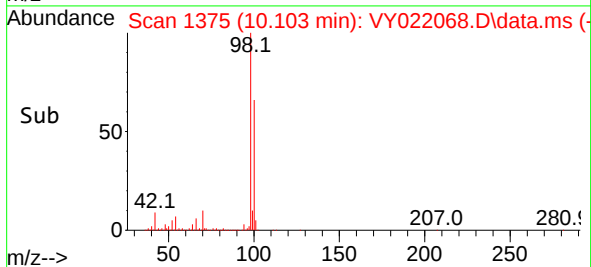
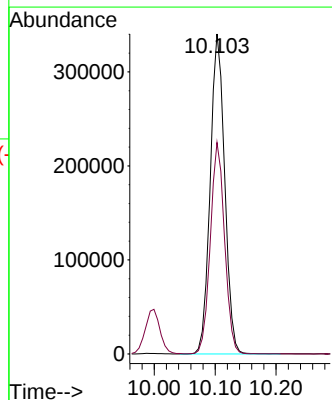
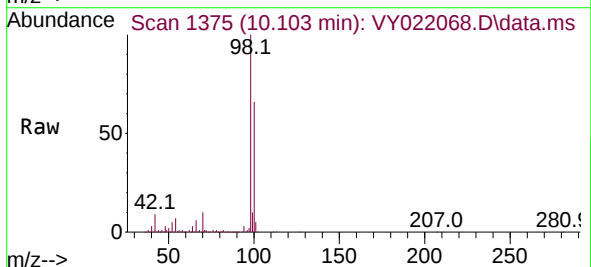
Acq: 29 Apr 2025 19:45

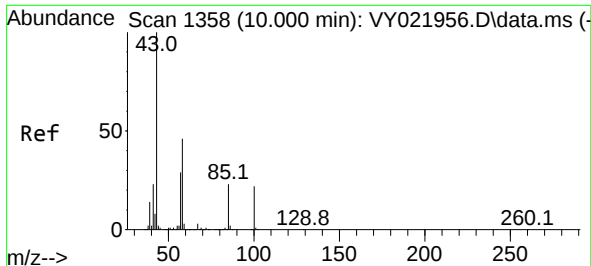
Tgt Ion: 98 Resp: 560009

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

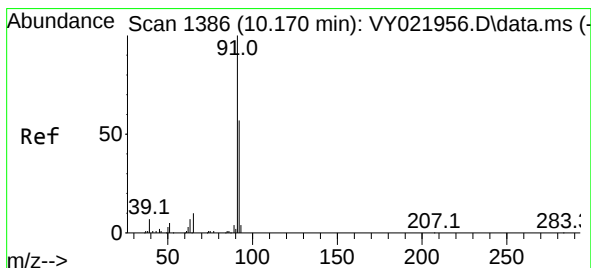
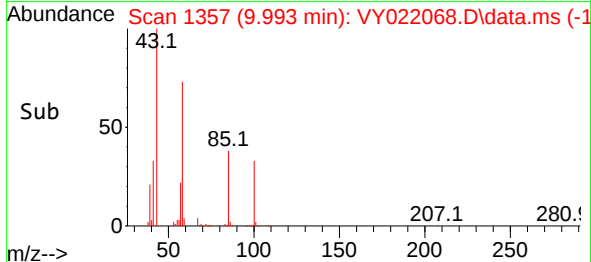
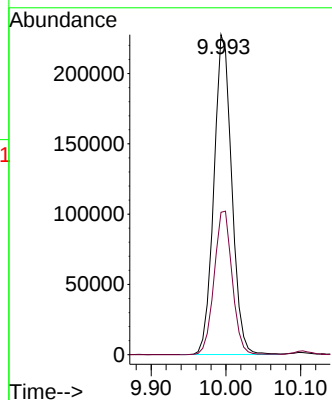
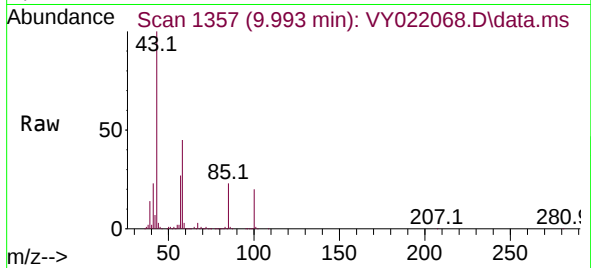




#51
4-Methyl-2-Pentanone
Concen: 281.640 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

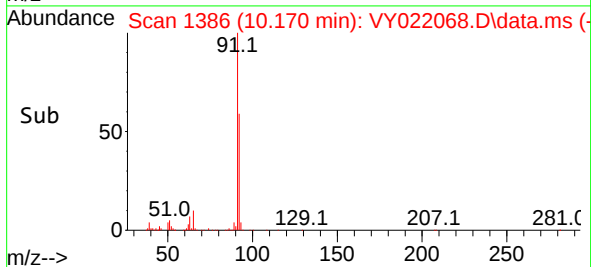
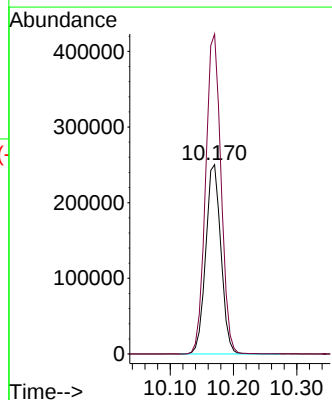
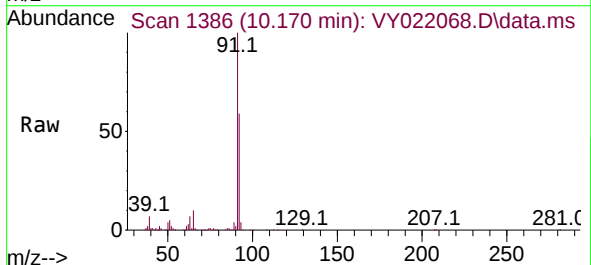
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

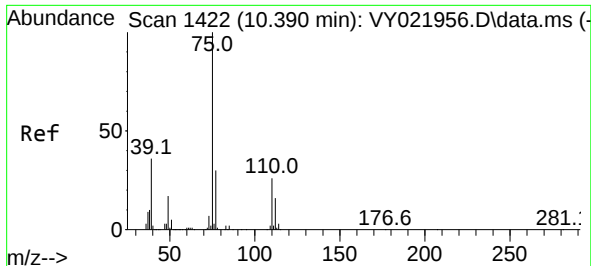
Tgt Ion: 43 Resp: 378540
Ion Ratio Lower Upper
43 100
58 45.5 36.6 55.0



#52
Toluene
Concen: 55.661 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 92 Resp: 418680
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8

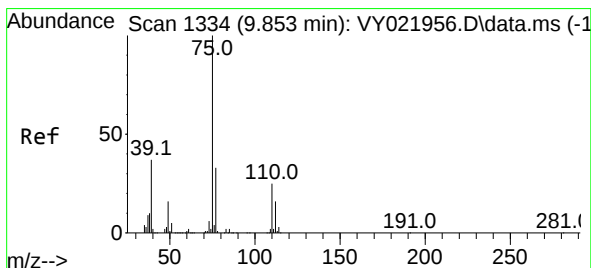
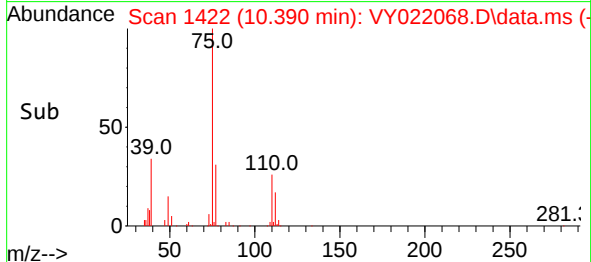
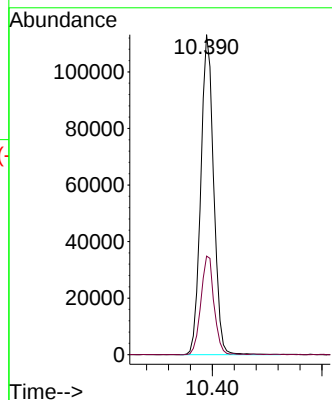
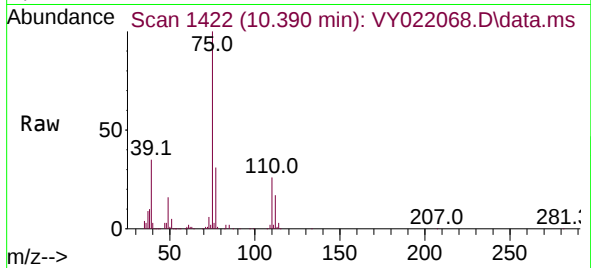




#53
t-1,3-Dichloropropene
Concen: 53.573 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

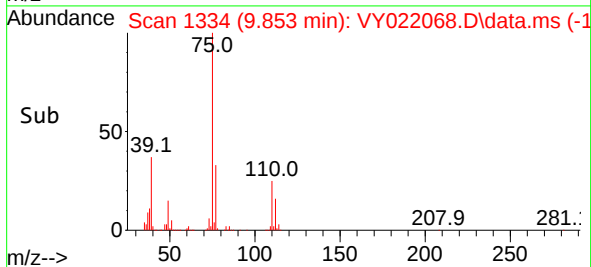
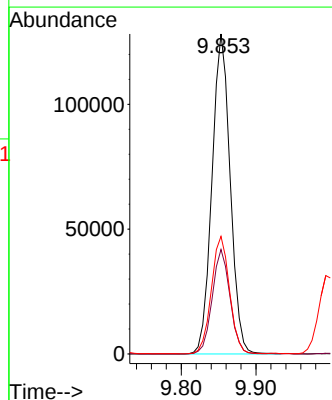
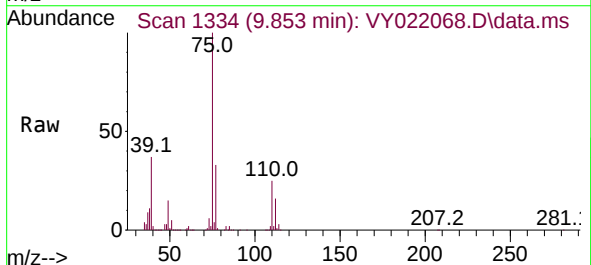
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

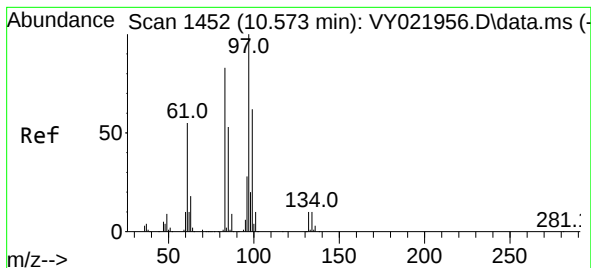
Tgt Ion: 75 Resp: 184667
Ion Ratio Lower Upper
75 100
77 30.8 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 52.967 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 75 Resp: 217032
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0
39 36.7 29.6 44.4



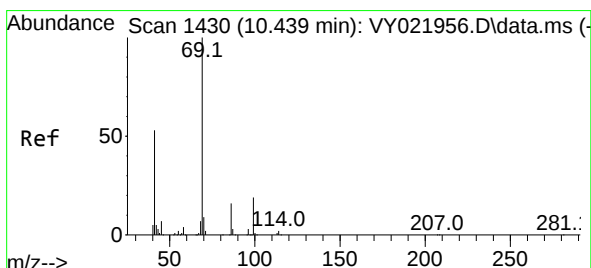
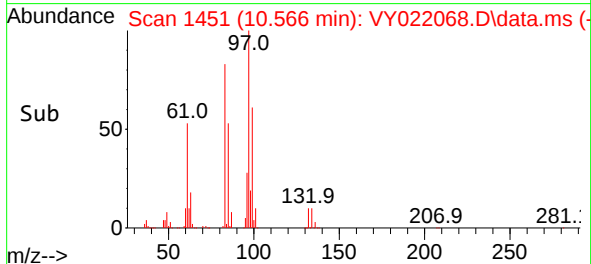
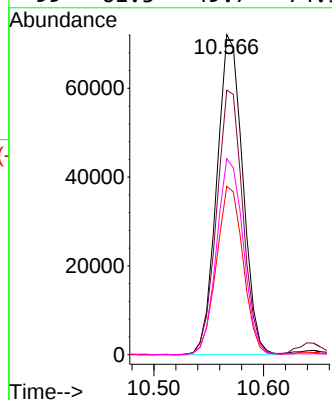
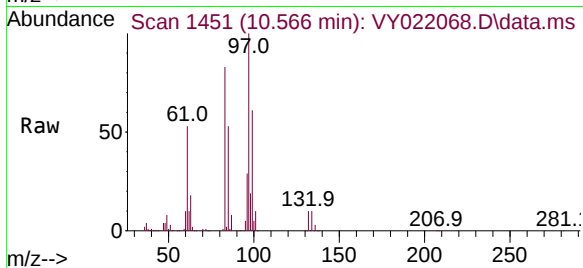


#55
1,1,2-Trichloroethane
Concen: 55.247 ug/l
RT: 10.566 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 118716

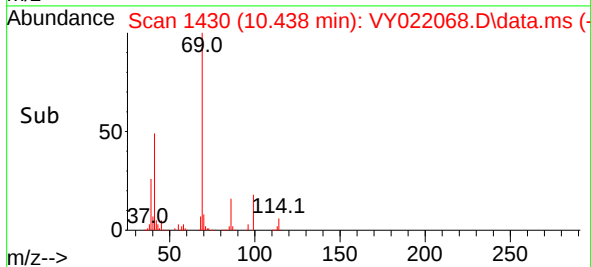
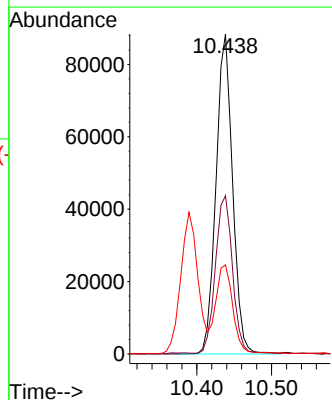
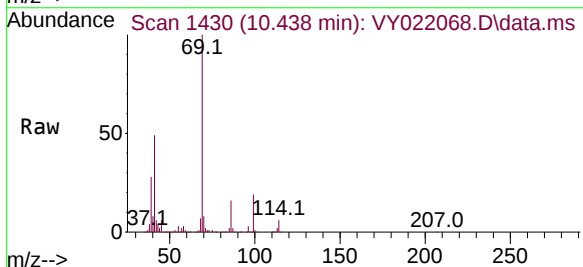
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.7	100.1
85	52.5	42.6	64.0
99	61.3	49.7	74.5

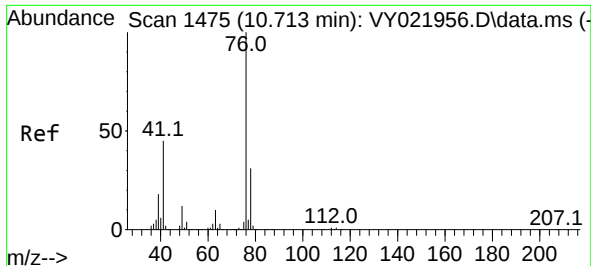


#56
Ethyl methacrylate
Concen: 55.318 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 69 Resp: 135933

Ion	Ratio	Lower	Upper
69	100		
41	51.3	40.7	61.1
39	28.3	23.3	34.9

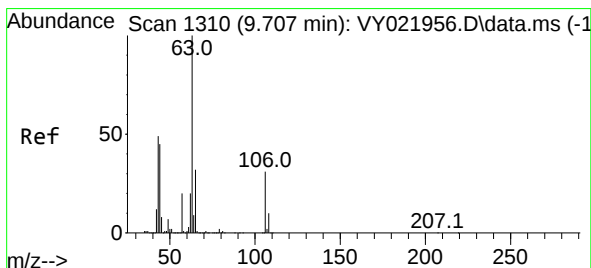
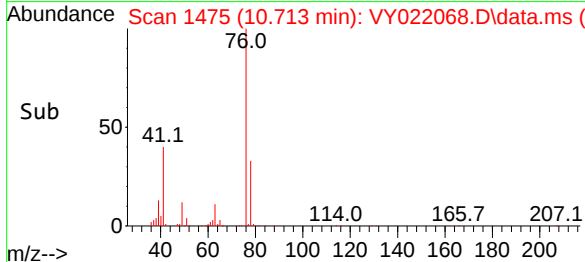
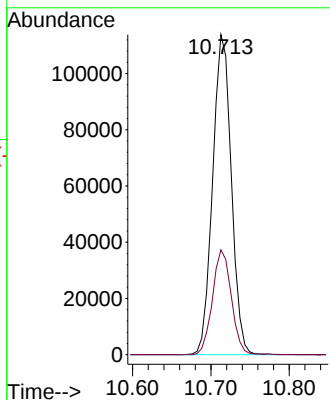
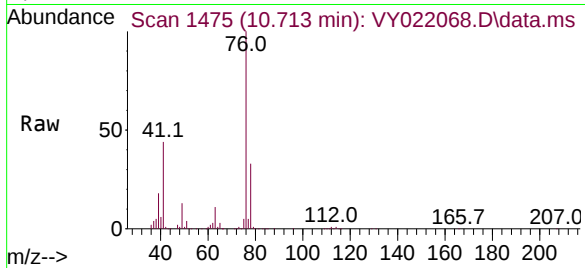




#57
1,3-Dichloropropane
Concen: 54.690 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

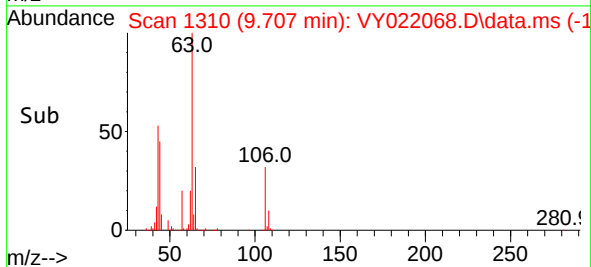
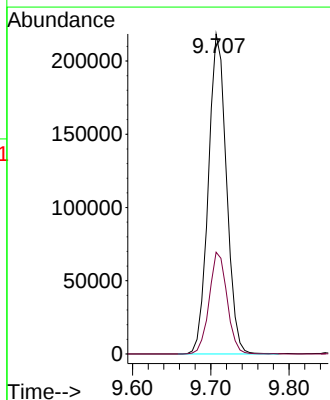
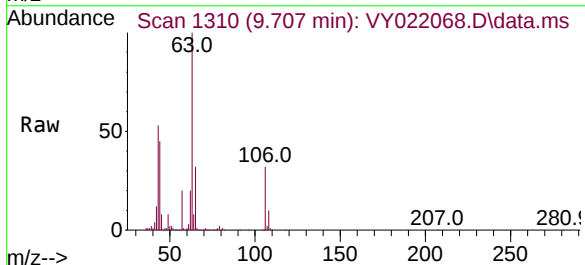
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

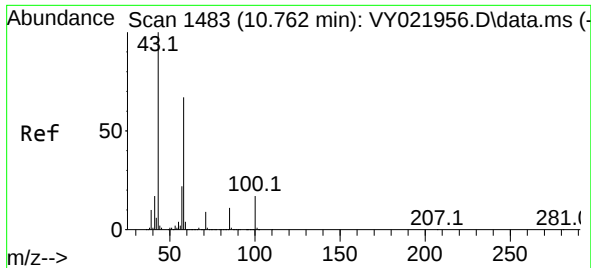
Tgt Ion: 76 Resp: 188396
Ion Ratio Lower Upper
76 100
78 33.2 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 291.553 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 63 Resp: 350286
Ion Ratio Lower Upper
63 100
106 31.3 25.3 37.9

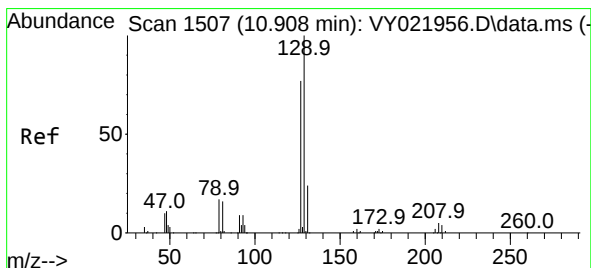
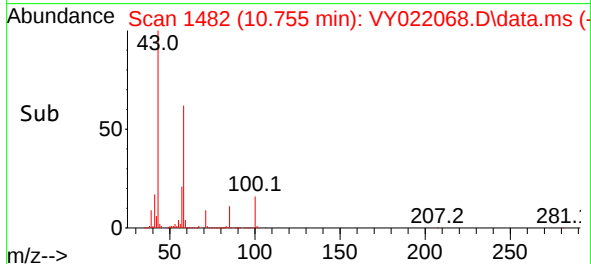
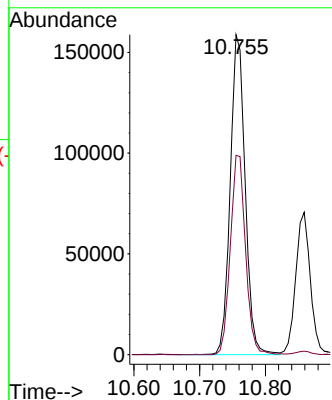
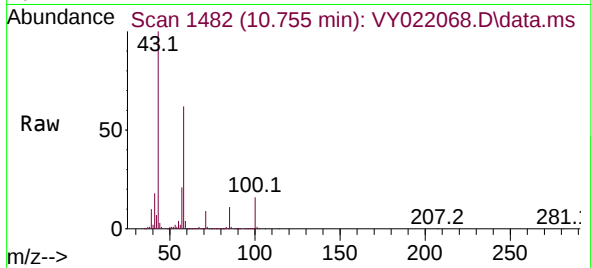




#59
2-Hexanone
Concen: 282.992 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

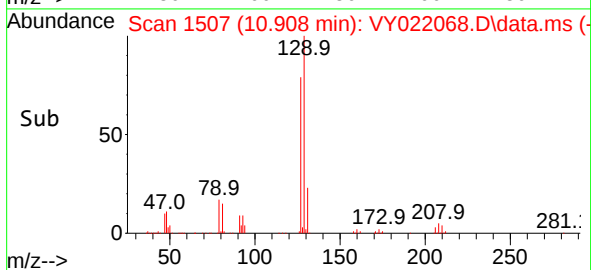
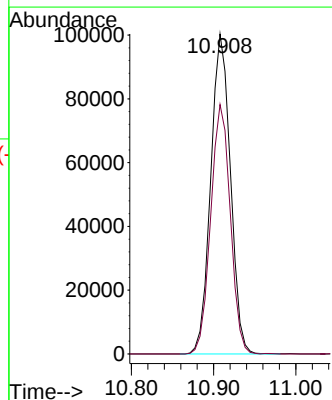
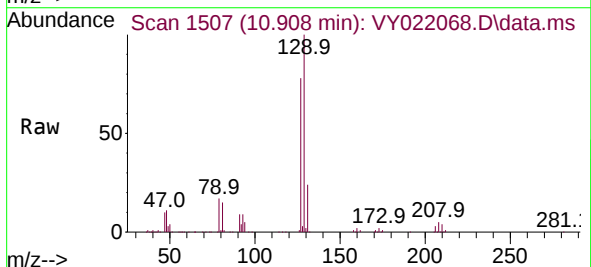
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

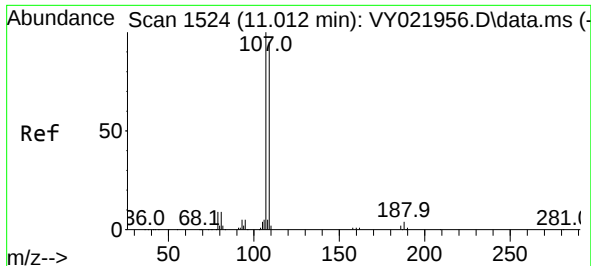
Tgt Ion: 43 Resp: 250877
Ion Ratio Lower Upper
43 100
58 63.5 32.0 96.0



#60
Dibromochloromethane
Concen: 56.193 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 129 Resp: 167173
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

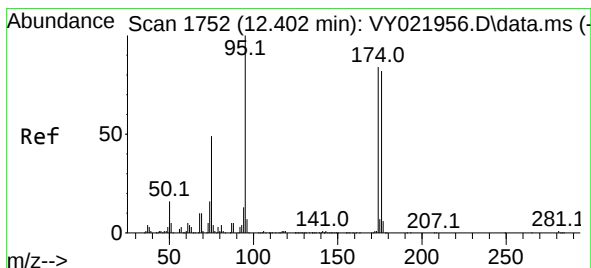
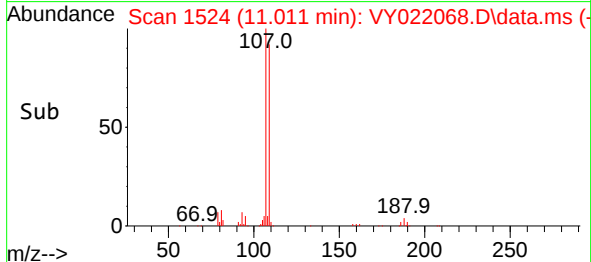
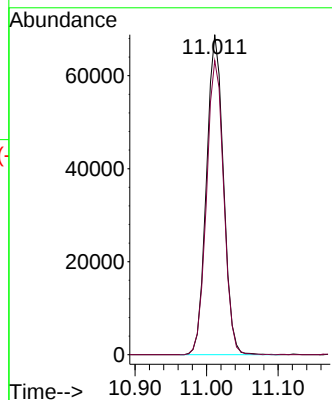
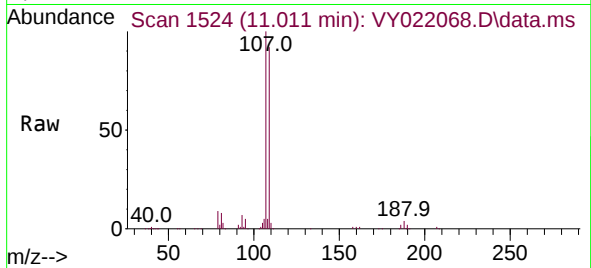




#61
1,2-Dibromoethane
Concen: 55.927 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

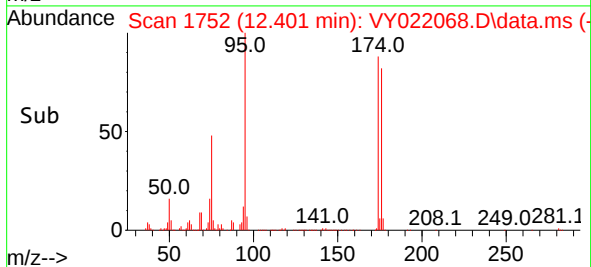
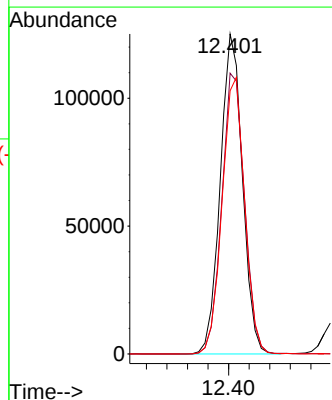
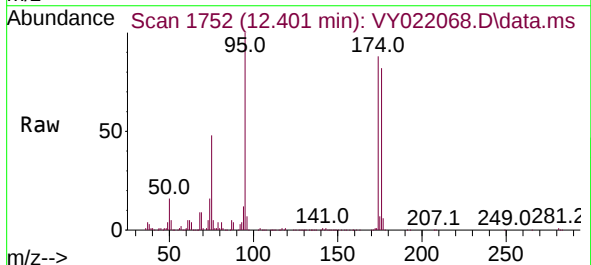
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

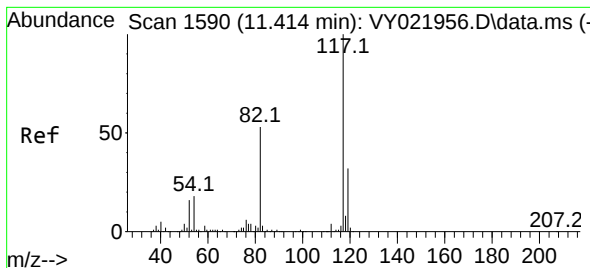
Tgt Ion:107 Resp: 113453
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.268 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 95 Resp: 187088
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 87.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

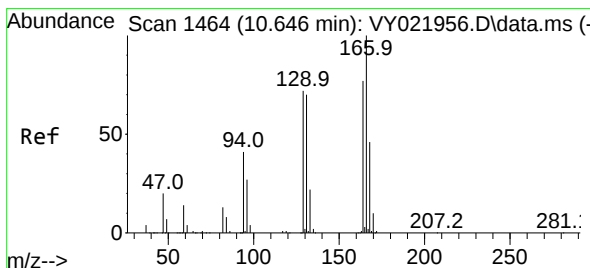
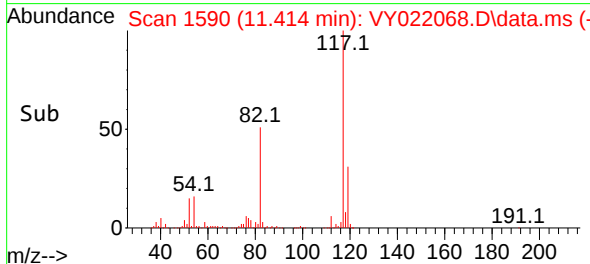
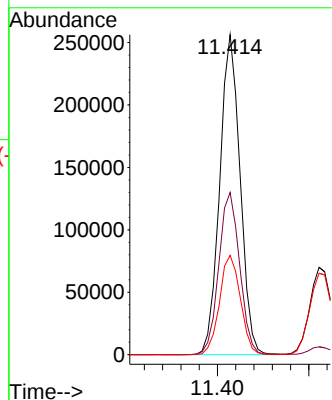
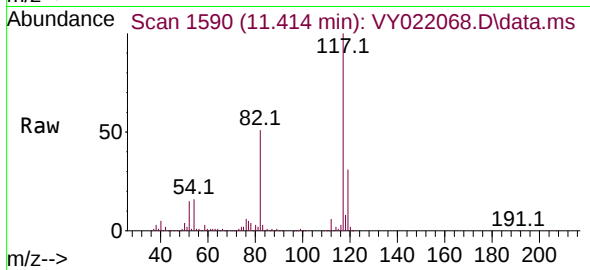
Tgt Ion:117 Resp: 397444

Ion Ratio Lower Upper

117 100

82 50.7 42.1 63.1

119 31.1 25.7 38.5



#64

Tetrachloroethene

Concen: 52.857 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Tgt Ion:164 Resp: 198180

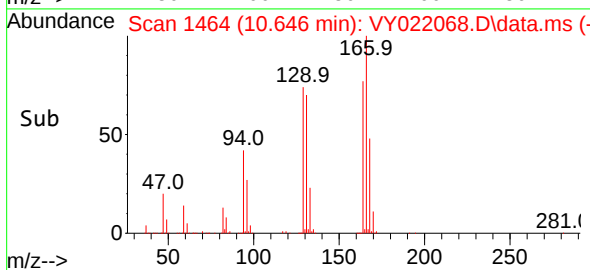
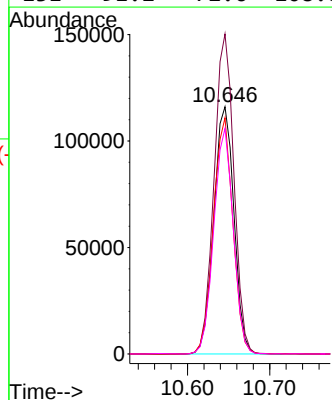
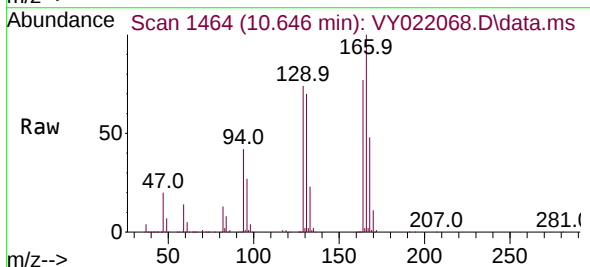
Ion Ratio Lower Upper

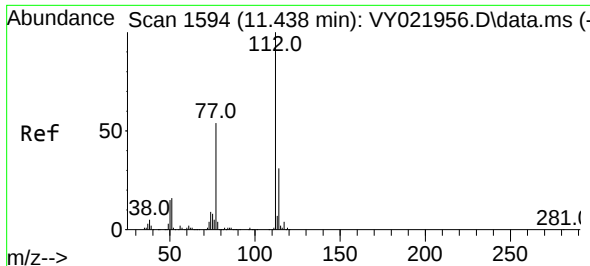
164 100

166 129.4 103.6 155.4

129 95.5 74.2 111.4

131 91.2 72.6 108.8

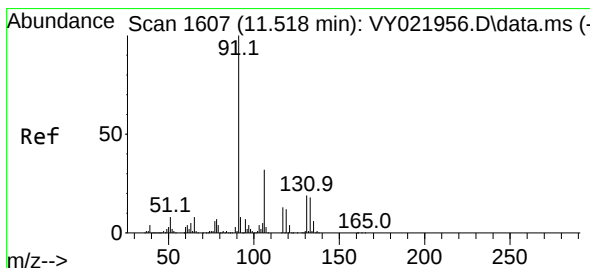
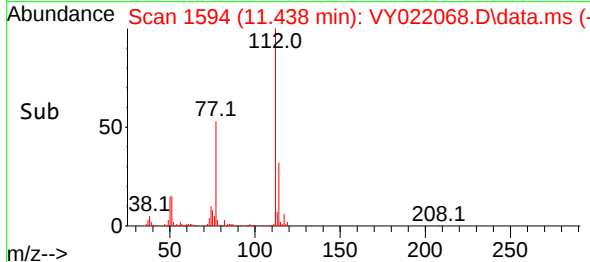
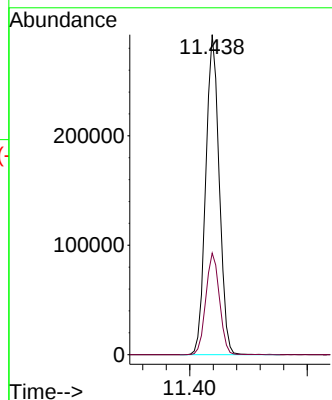
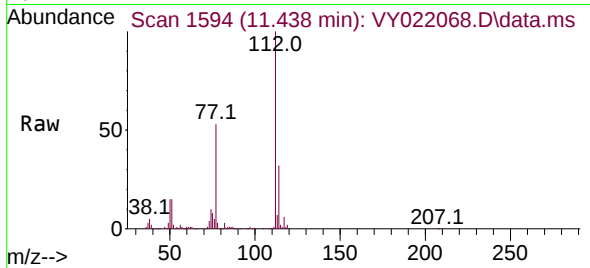




#65
Chlorobenzene
Concen: 52.461 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

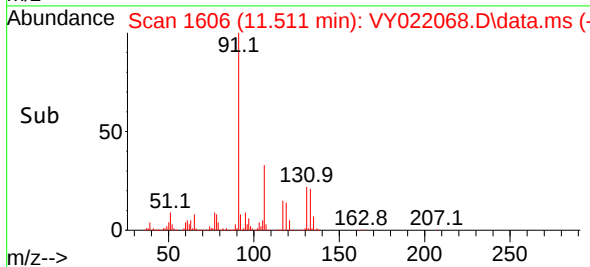
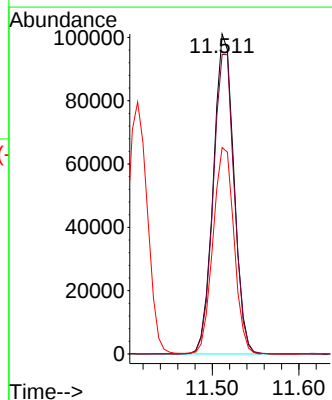
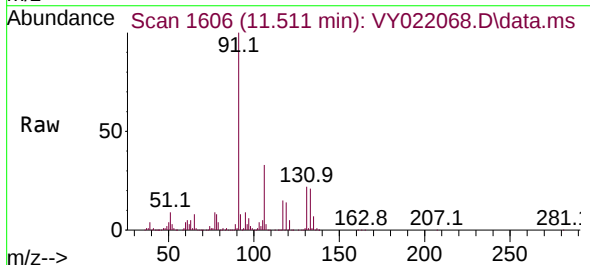
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

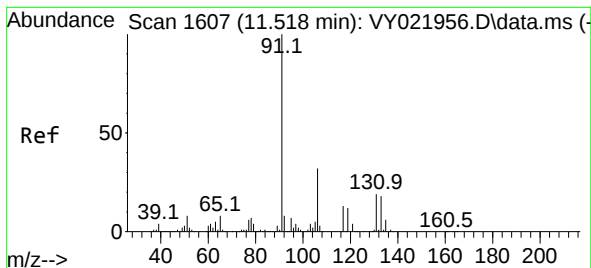
Tgt Ion:112 Resp: 466269
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.227 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion:131 Resp: 166548
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 66.0 32.4 97.0





#67

Ethyl Benzene

Concen: 53.889 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

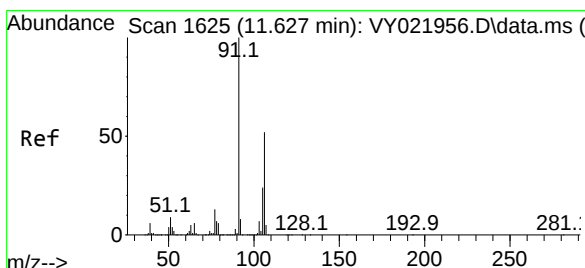
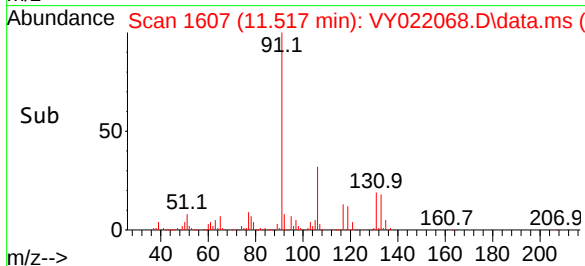
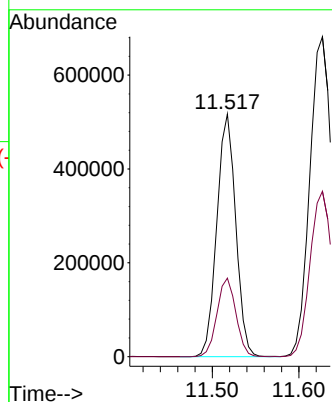
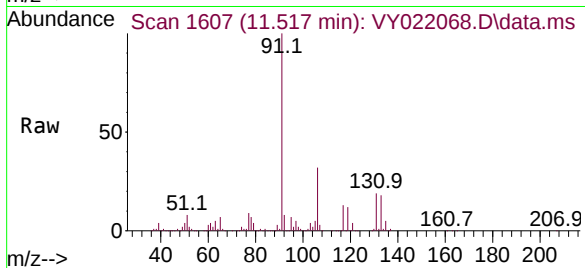
VSTDCCC050EC

Tgt Ion: 91 Resp: 783494

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9



#68

m/p-Xylenes

Concen: 109.058 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022068.D

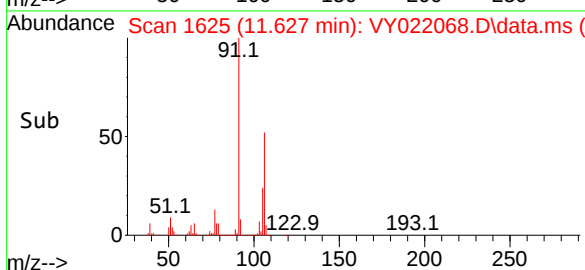
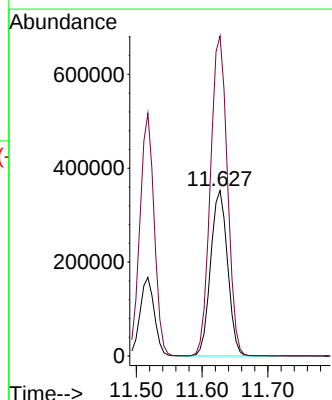
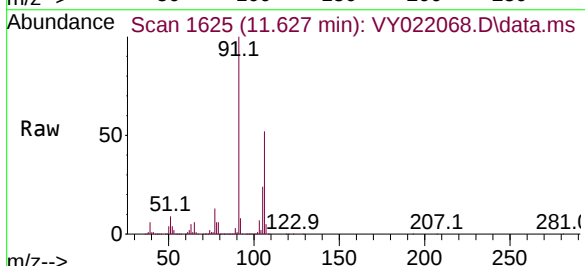
Acq: 29 Apr 2025 19:45

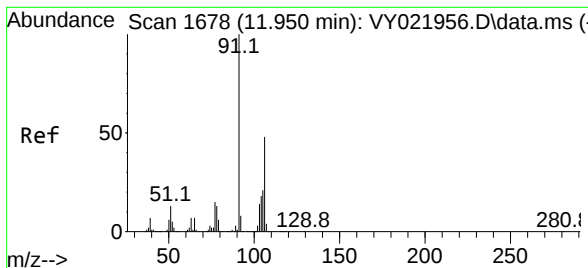
Tgt Ion: 106 Resp: 630948

Ion Ratio Lower Upper

106 100

91 194.1 156.2 234.2

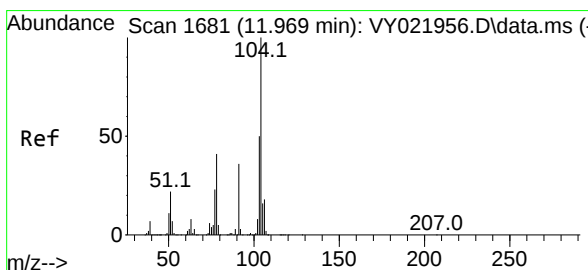
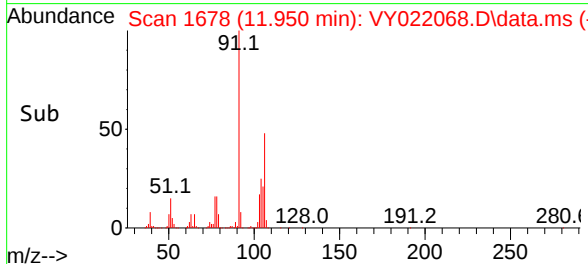
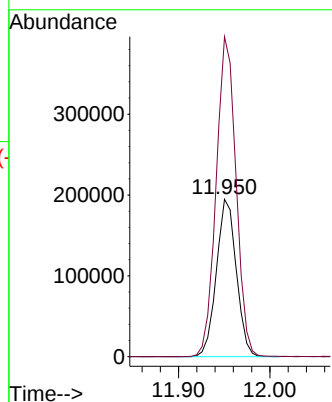
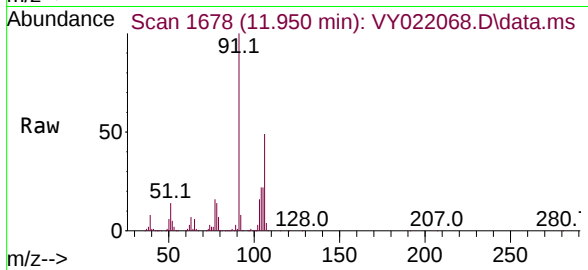




#69
o-Xylene
Concen: 55.305 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

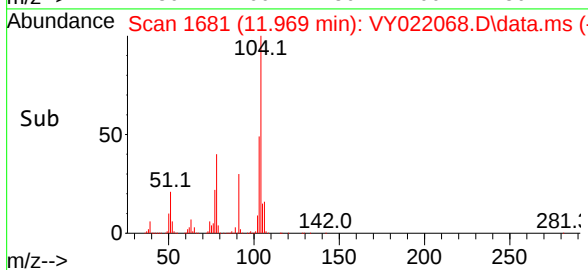
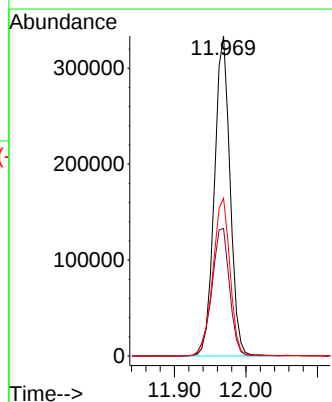
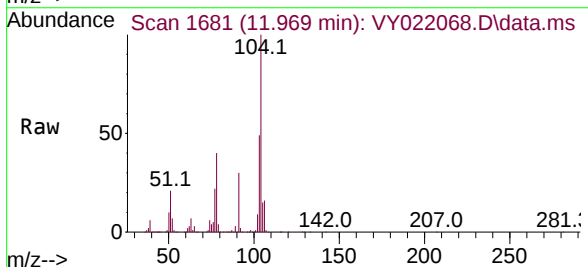
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

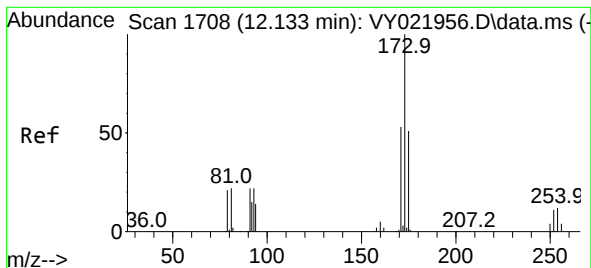
Tgt Ion:106 Resp: 294908
Ion Ratio Lower Upper
106 100
91 203.0 103.0 308.9



#70
Styrene
Concen: 56.544 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion:104 Resp: 506252
Ion Ratio Lower Upper
104 100
78 45.4 36.6 54.8
103 54.0 43.8 65.8





#71

Bromoform

Concen: 54.537 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

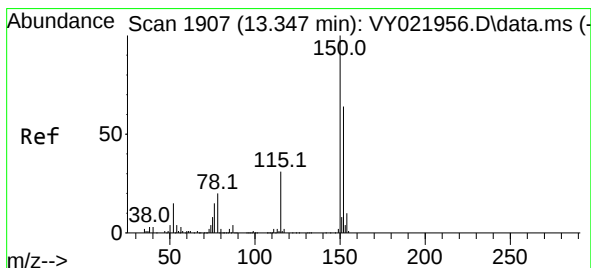
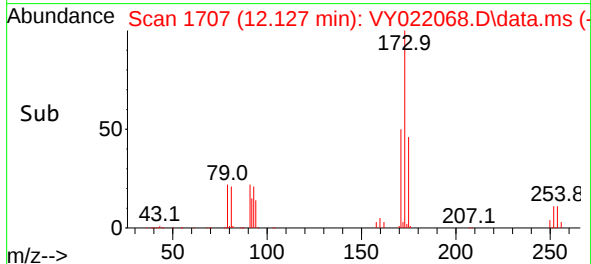
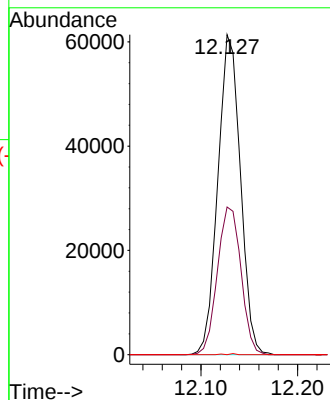
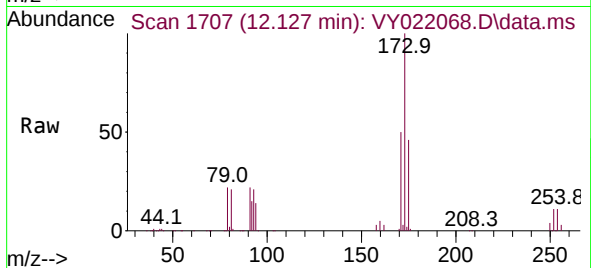
Tgt Ion:173 Resp: 99214

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

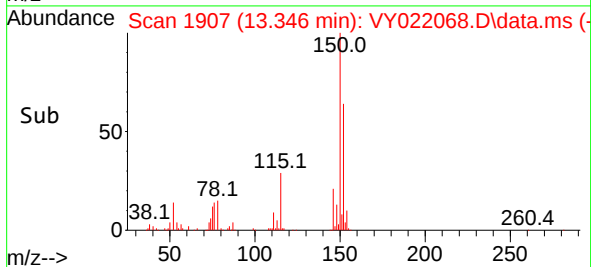
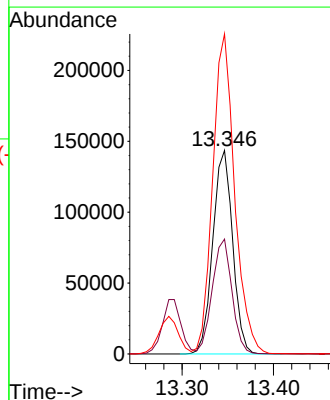
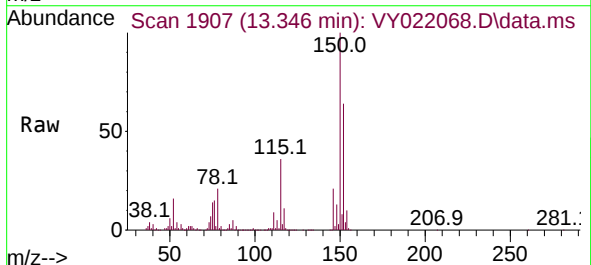
Tgt Ion:152 Resp: 216567

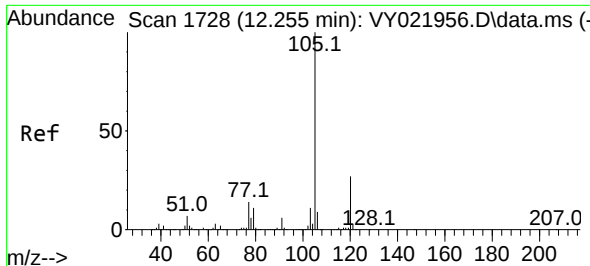
Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

150 173.7 0.0 345.6

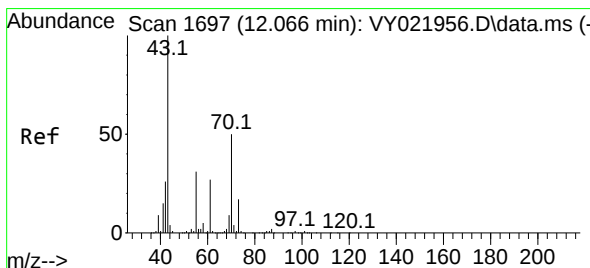
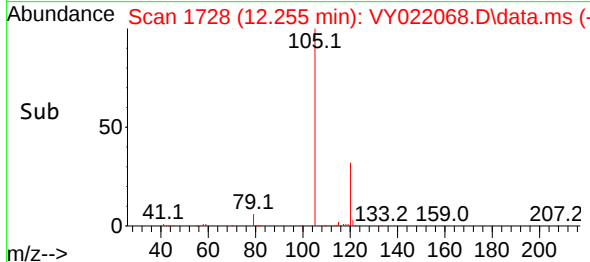
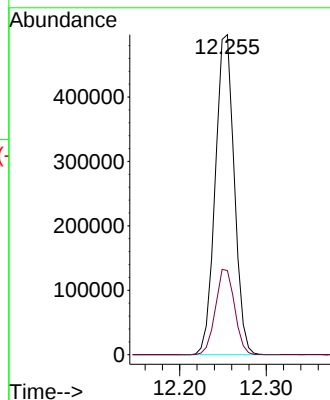
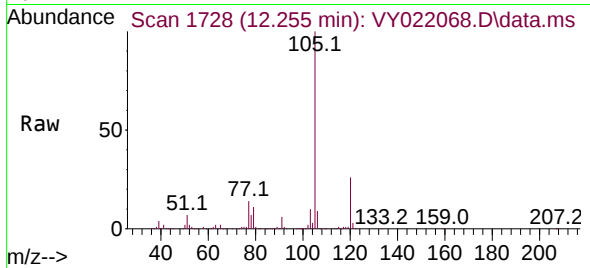




#73
Isopropylbenzene
Concen: 52.147 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

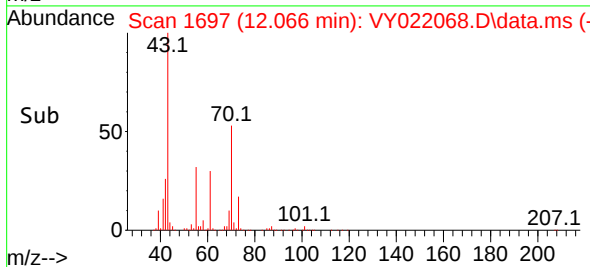
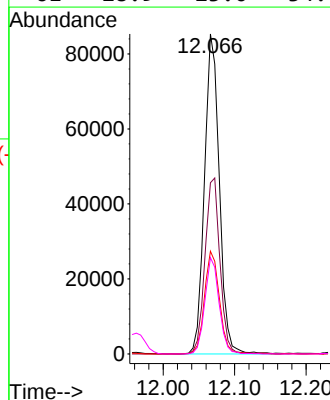
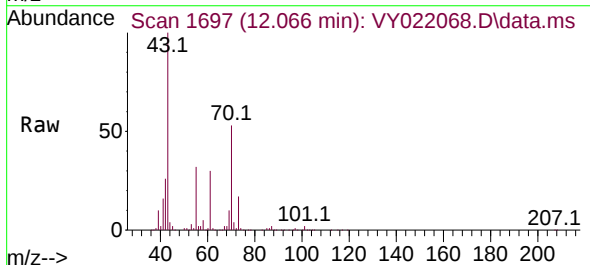
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

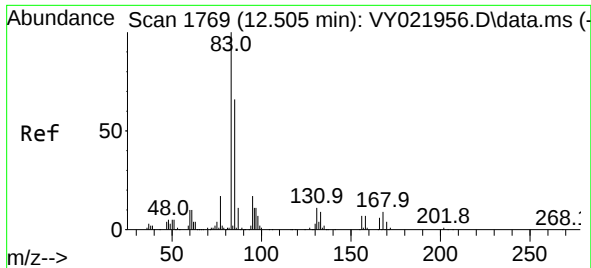
Tgt Ion:105 Resp: 754507
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5



#74
N-ethyl acetate
Concen: 49.573 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 43 Resp: 123233
Ion Ratio Lower Upper
43 100
70 55.6 43.2 64.8
55 32.5 25.7 38.5
61 28.9 23.0 34.6

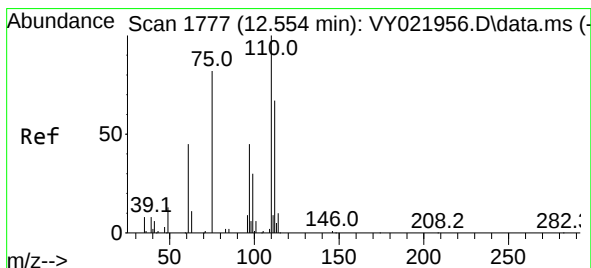
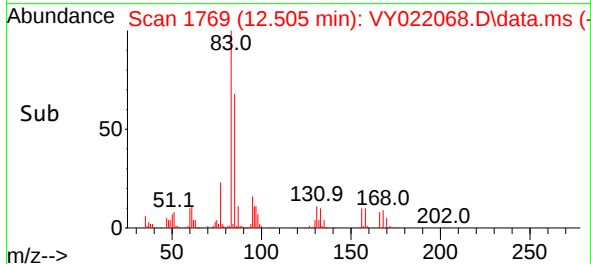
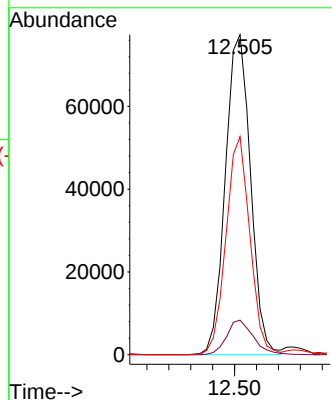
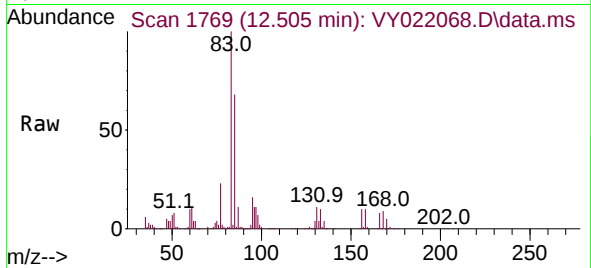




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.669 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

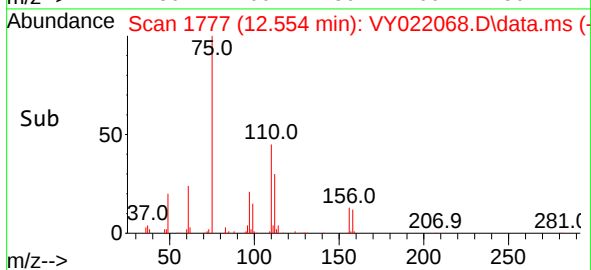
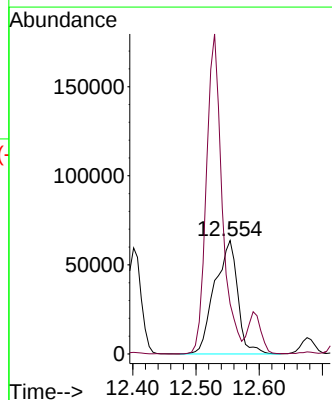
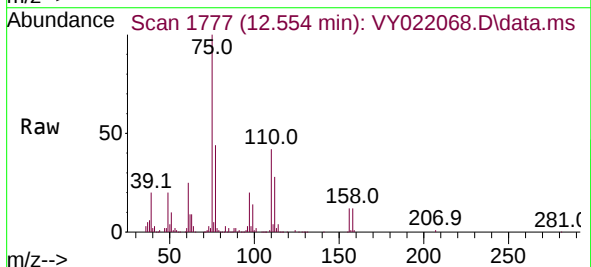
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

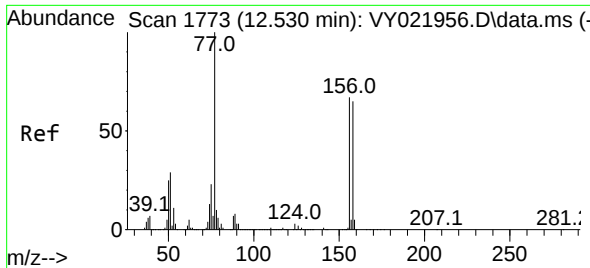
Tgt Ion: 83 Resp: 123603
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.5 16.4
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 86.727 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

Tgt Ion: 75 Resp: 160879
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

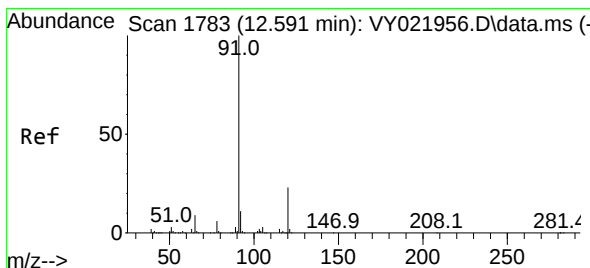
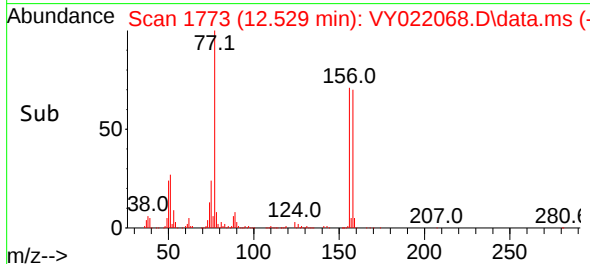
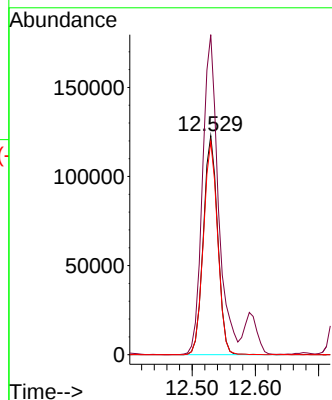
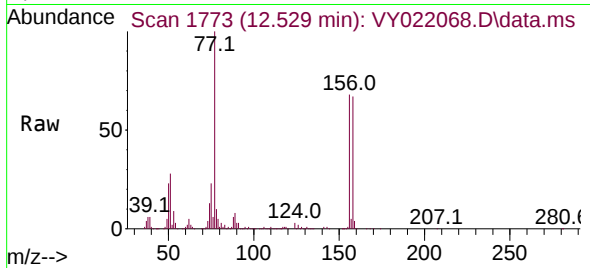




#77
Bromobenzene
Concen: 52.825 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

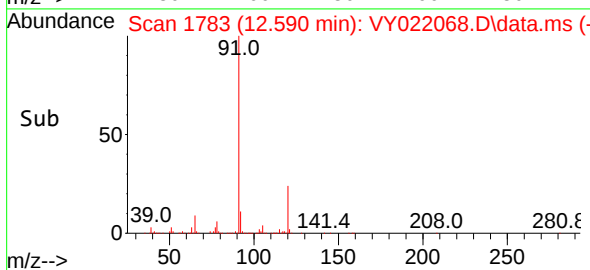
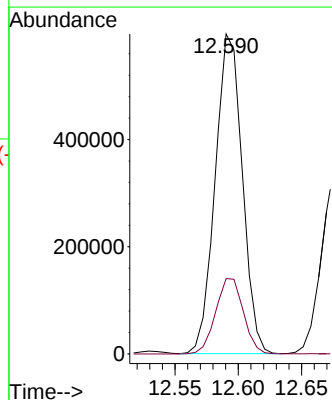
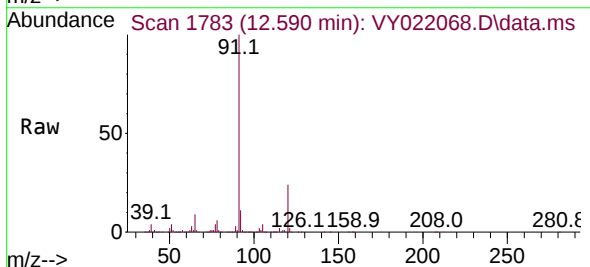
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

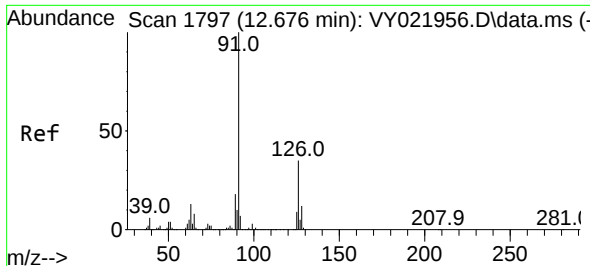
Tgt Ion:156 Resp: 193134
Ion Ratio Lower Upper
156 100
77 162.2 82.7 248.1
158 97.1 48.1 144.4



#78
n-propylbenzene
Concen: 51.568 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 91 Resp: 888566
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5

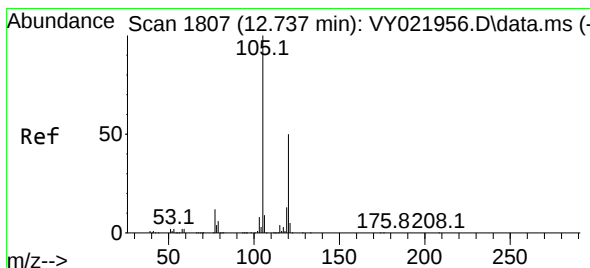
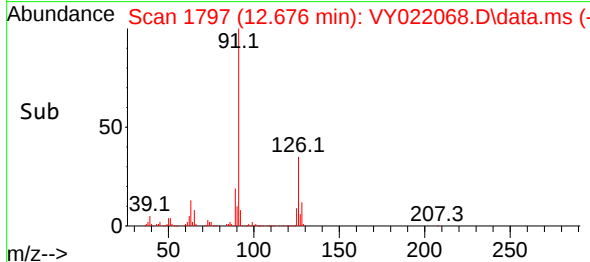
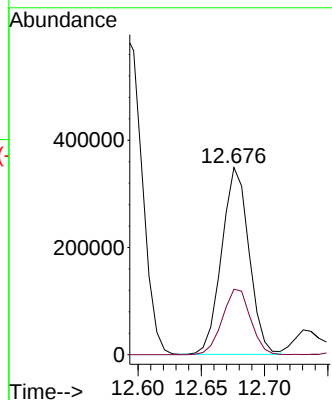
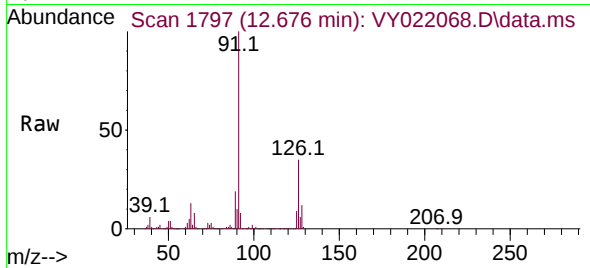




#79
2-Chlorotoluene
Concen: 52.469 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

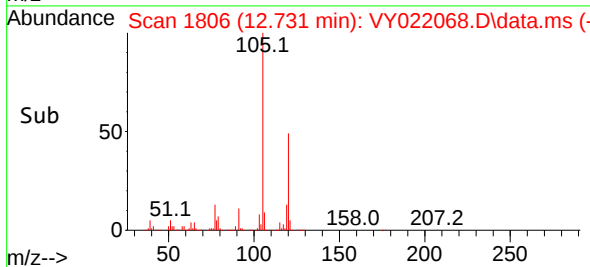
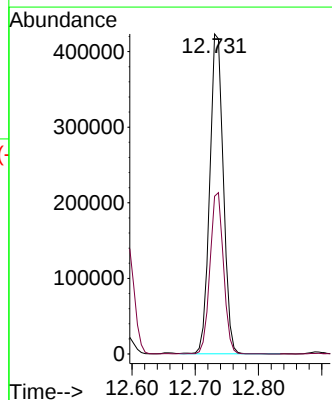
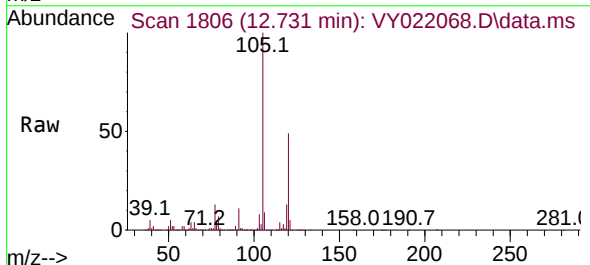
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

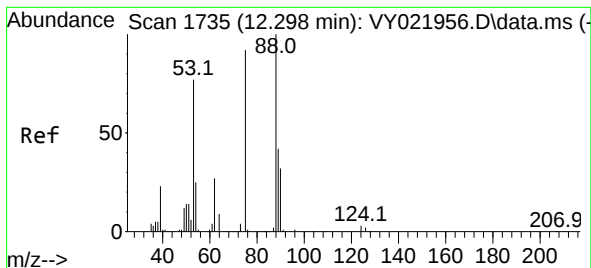
Tgt Ion: 91 Resp: 525787
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 52.985 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 105 Resp: 631673
Ion Ratio Lower Upper
105 100
120 50.2 25.0 75.0

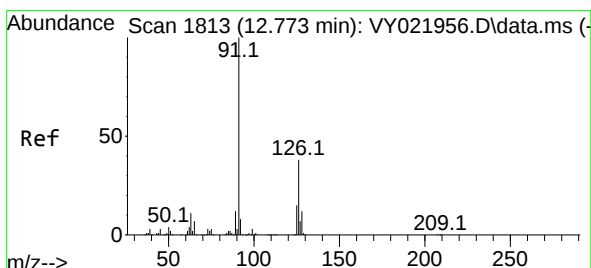
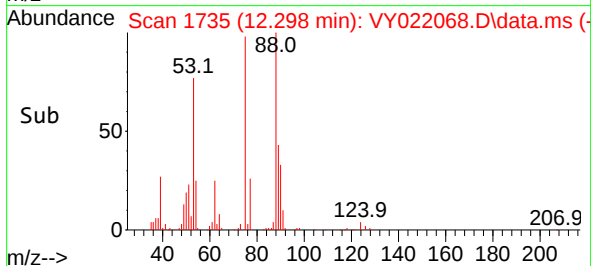
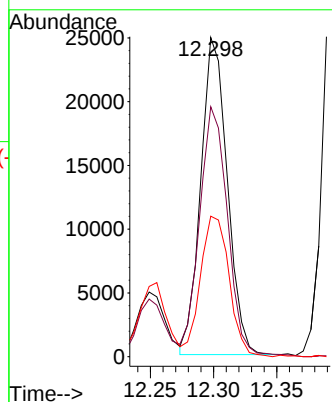
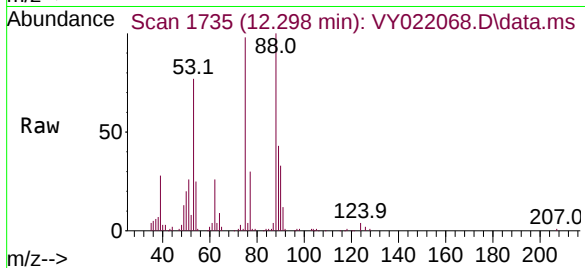




#81
trans-1,4-Dichloro-2-butene
Concen: 47.174 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

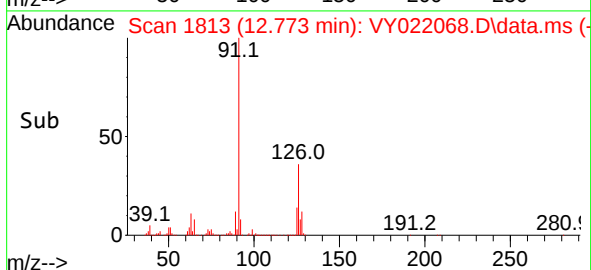
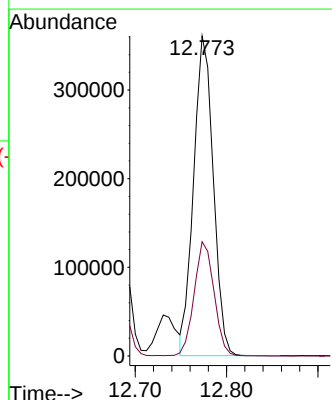
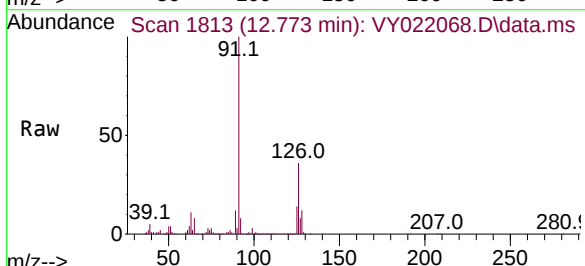
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

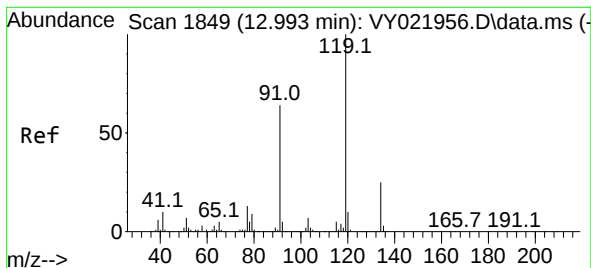
Tgt Ion: 75 Resp: 36338
Ion Ratio Lower Upper
75 100
53 83.4 66.0 99.0
89 48.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.763 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 91 Resp: 539217
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.448 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

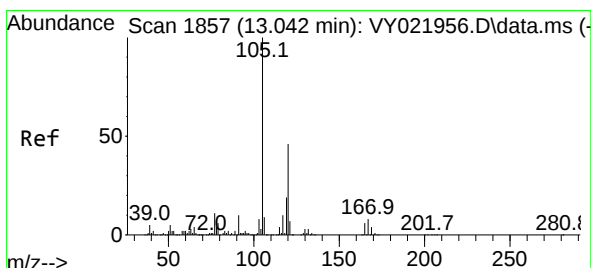
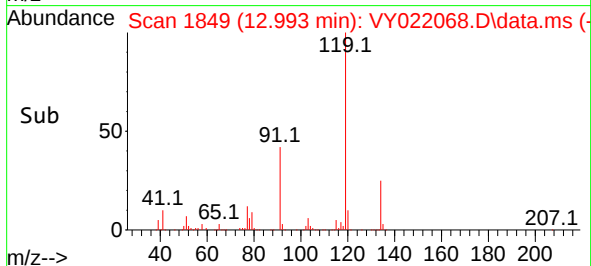
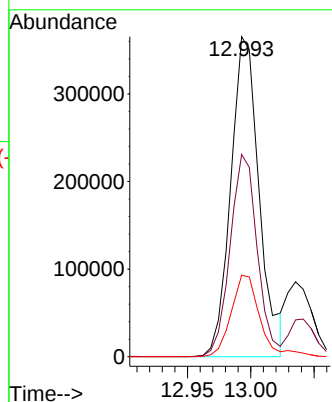
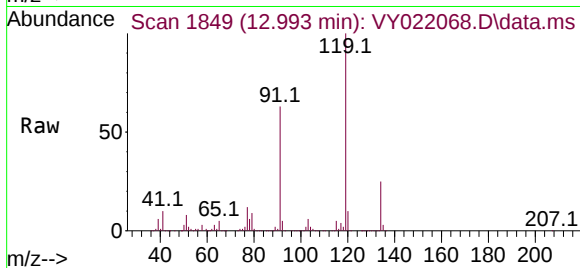
Tgt Ion:119 Resp: 571459

Ion Ratio Lower Upper

119 100

91 60.3 30.3 90.9

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 53.490 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022068.D

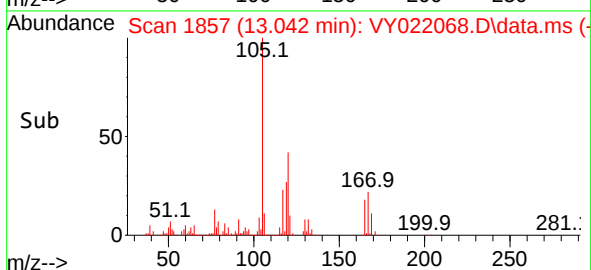
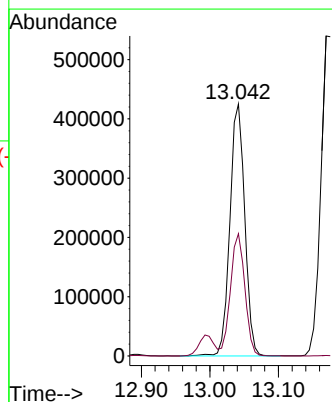
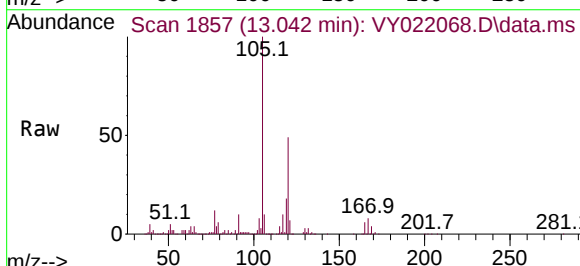
Acq: 29 Apr 2025 19:45

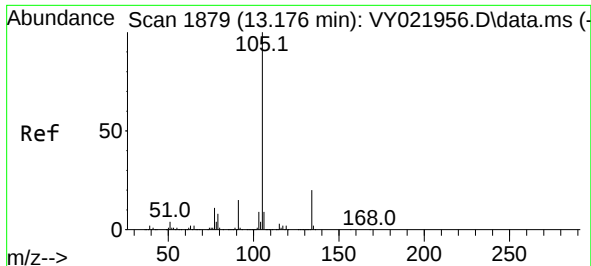
Tgt Ion:105 Resp: 637834

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.0

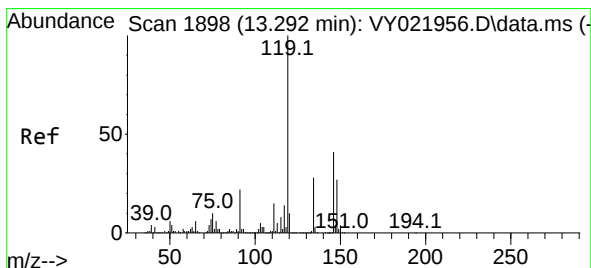
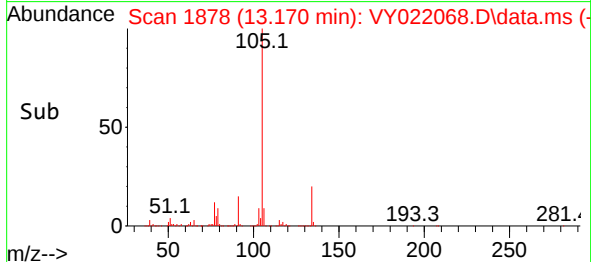
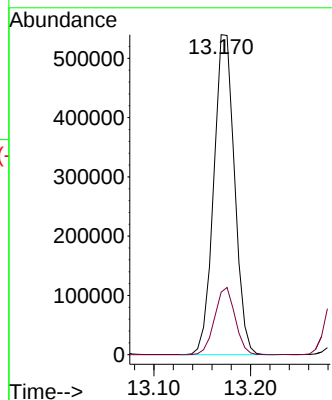
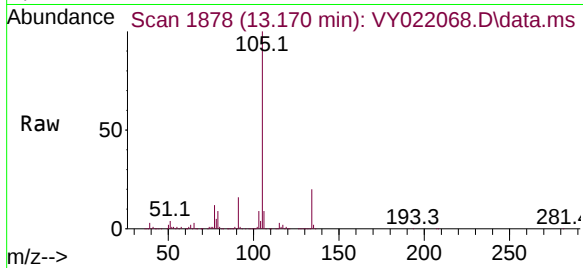




#85
 sec-Butylbenzene
 Concen: 51.537 ug/l
 RT: 13.170 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

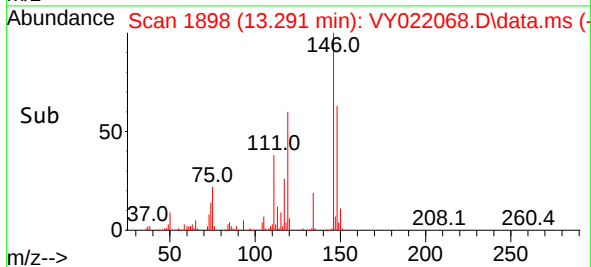
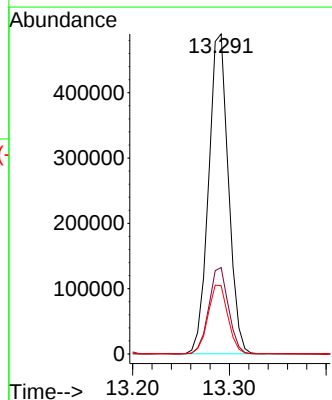
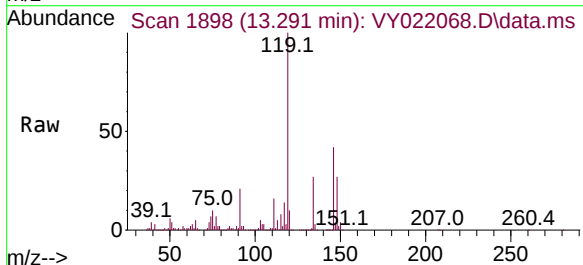
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

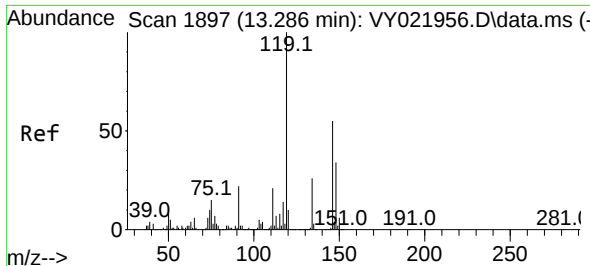
Tgt Ion:105 Resp: 806330
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 52.415 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022068.D
 Acq: 29 Apr 2025 19:45

Tgt Ion:119 Resp: 696362
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.454 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

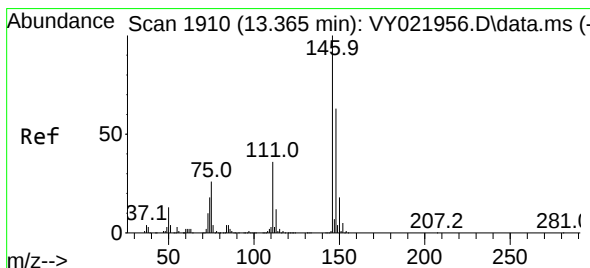
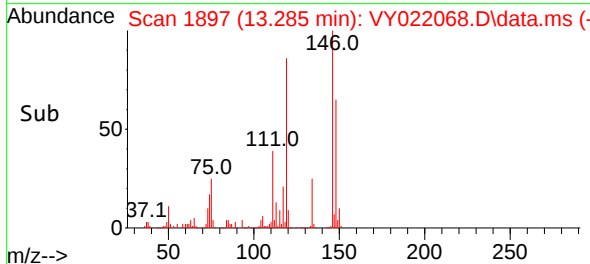
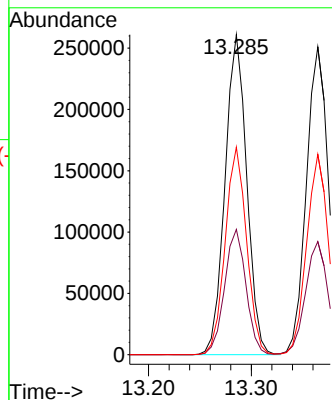
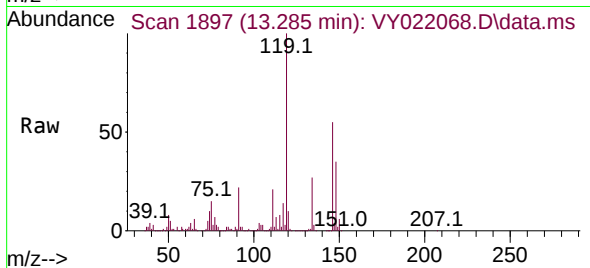
Tgt Ion:146 Resp: 382082

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 63.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.205 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

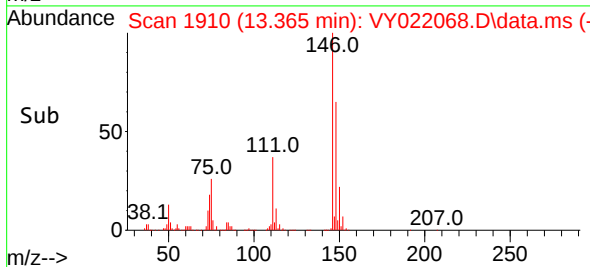
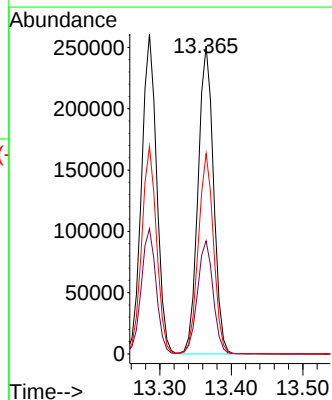
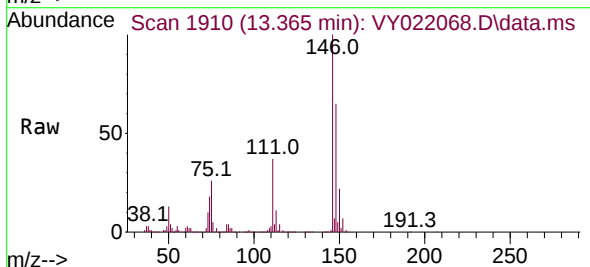
Tgt Ion:146 Resp: 376582

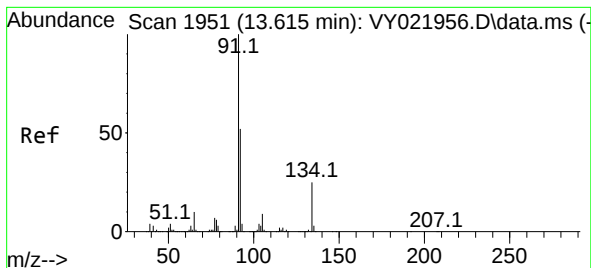
Ion Ratio Lower Upper

146 100

111 37.1 19.2 57.6

148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 49.245 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

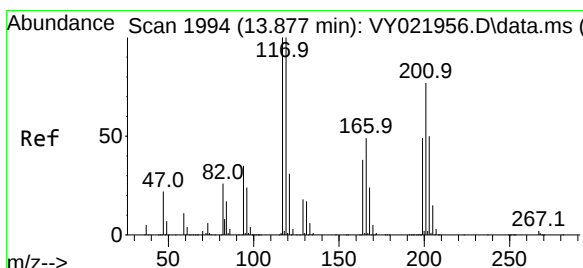
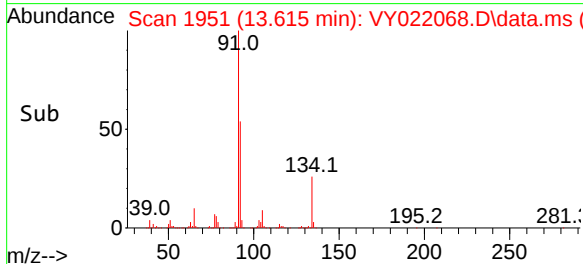
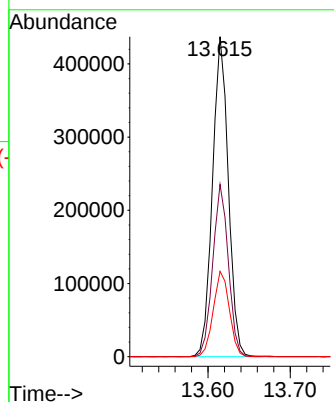
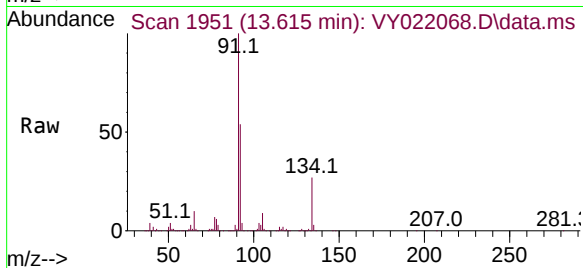
Tgt Ion: 91 Resp: 584788

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 27.2 13.4 40.1



#90

Hexachloroethane

Concen: 50.959 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022068.D

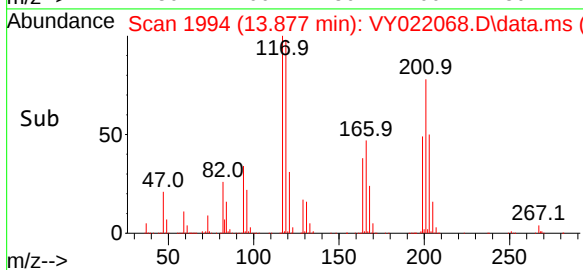
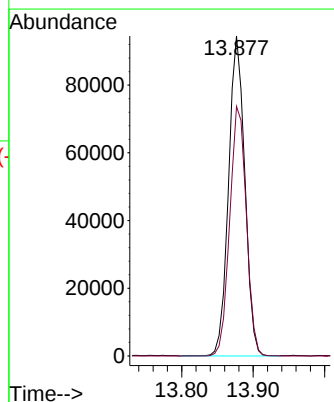
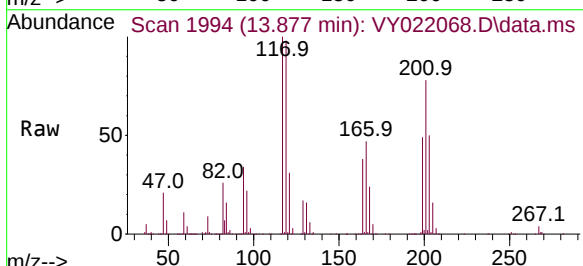
Acq: 29 Apr 2025 19:45

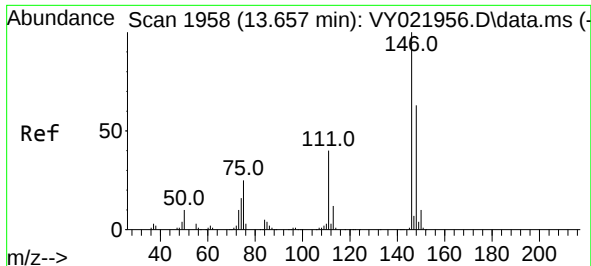
Tgt Ion: 117 Resp: 148747

Ion Ratio Lower Upper

117 100

201 79.7 38.7 116.1

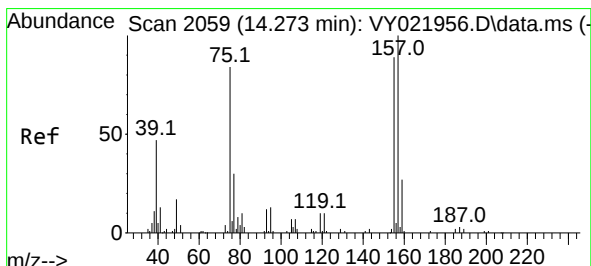
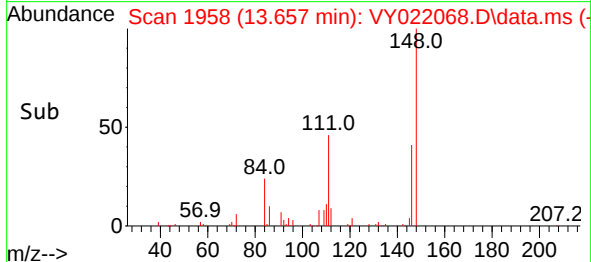
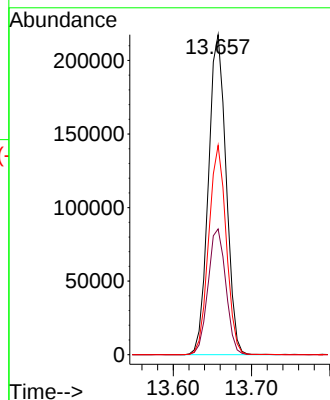
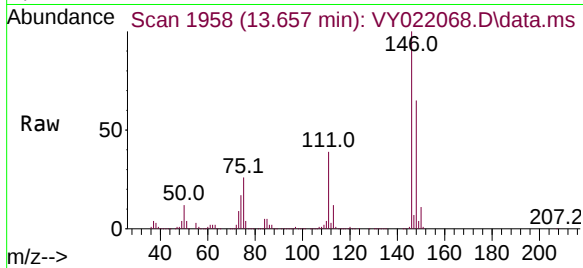




#91
1,2-Dichlorobenzene
Concen: 52.679 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

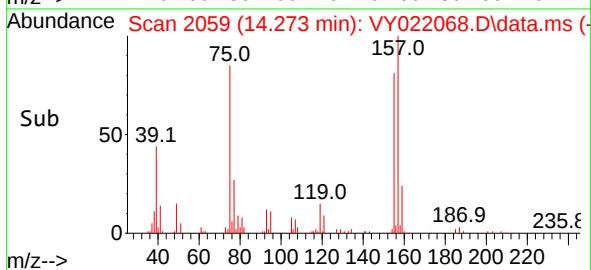
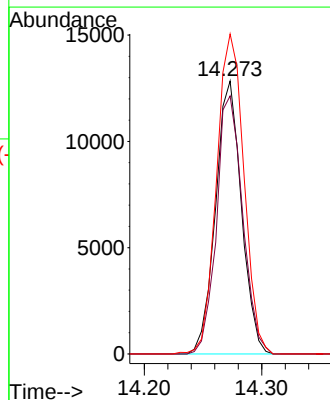
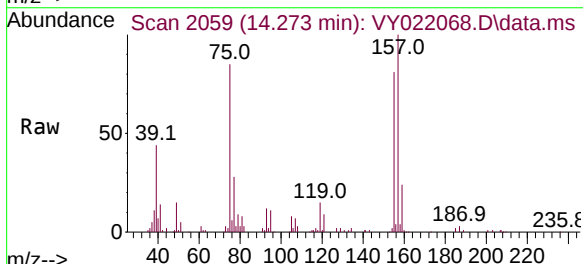
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

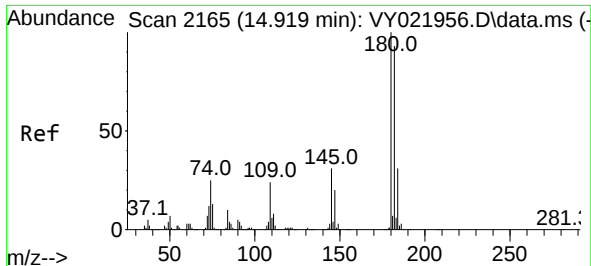
Tgt Ion:146 Resp: 341181
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 64.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.577 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion: 75 Resp: 19629
Ion Ratio Lower Upper
75 100
155 95.4 50.7 152.3
157 123.8 62.6 187.8

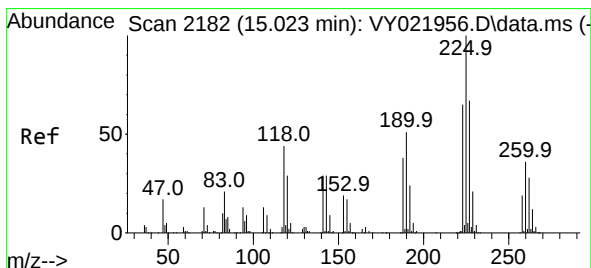
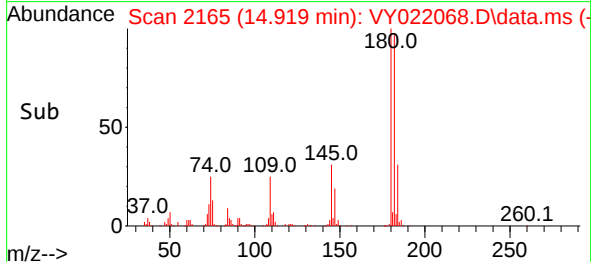
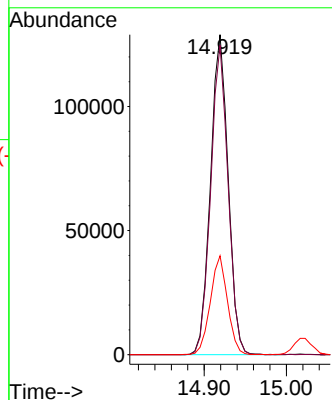
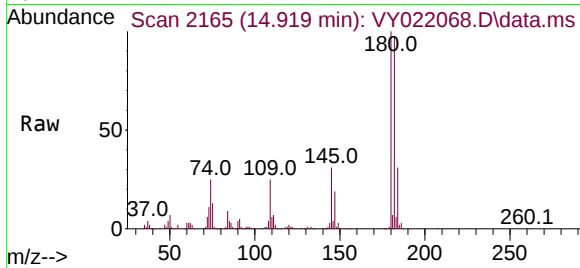




#93
1,2,4-Trichlorobenzene
Concen: 52.378 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

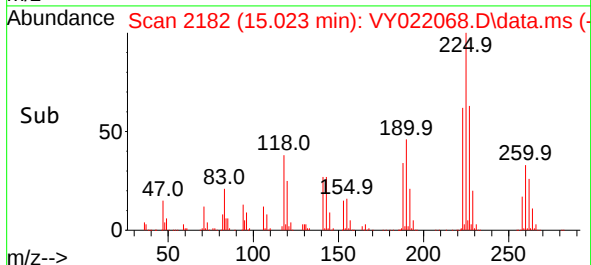
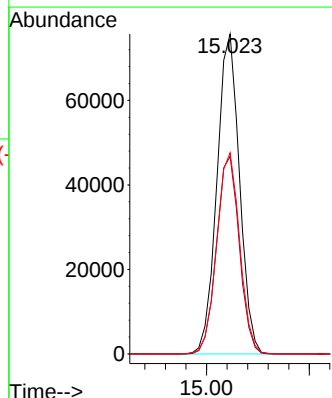
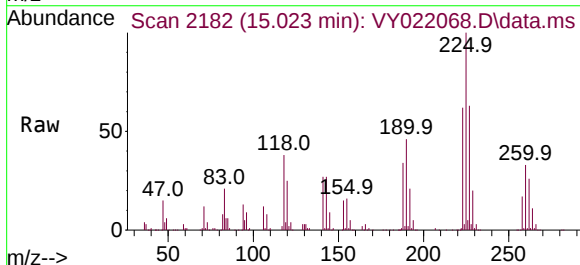
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

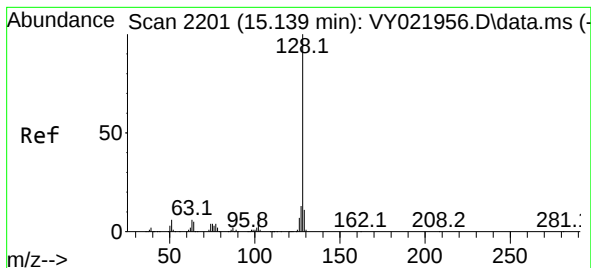
Tgt Ion:180 Resp: 192235
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.4
145 30.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 51.008 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022068.D
Acq: 29 Apr 2025 19:45

Tgt Ion:225 Resp: 115180
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.5
227 63.9 32.3 96.9





#95

Naphthalene

Concen: 56.524 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

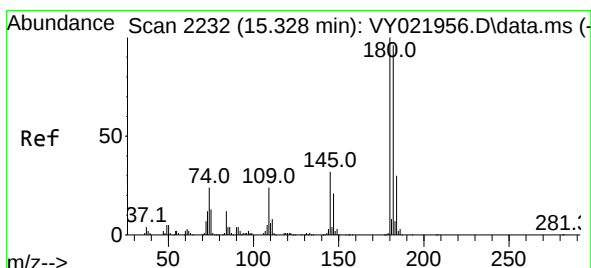
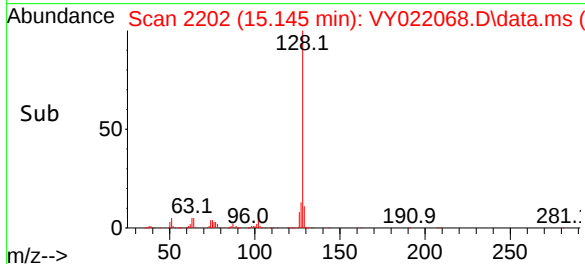
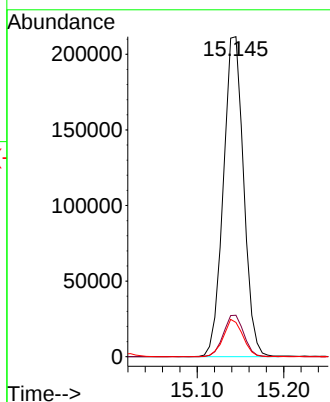
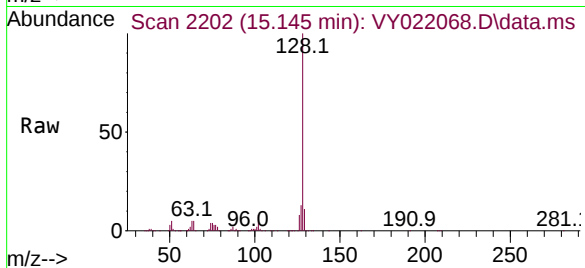
Tgt Ion:128 Resp: 344610

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 55.603 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022068.D

Acq: 29 Apr 2025 19:45

Tgt Ion:180 Resp: 176155

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.4

145 31.6 16.0 48.0

