

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022070.D
 Acq On : 30 Apr 2025 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 01:30:33 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	299393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	438020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	420486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	233640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132181	47.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.634	113	147788	51.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.103	98	559683	51.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.408	95	190816	51.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.920%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	108081	42.366	ug/l 99
3) Chloromethane	2.068	50	178783	49.217	ug/l 100
4) Vinyl Chloride	2.202	62	216428	48.485	ug/l 100
5) Bromomethane	2.592	94	187814	48.836	ug/l 98
6) Chloroethane	2.733	64	150261	49.426	ug/l 97
7) Trichlorofluoromethane	3.056	101	283309	48.131	ug/l 96
8) Diethyl Ether	3.452	74	69416	45.309	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.812	101	148356	46.461	ug/l 100
10) Methyl Iodide	4.001	142	176157	47.649	ug/l 98
11) Tert butyl alcohol	4.885	59	35315	232.610	ug/l 97
12) 1,1-Dichloroethene	3.787	96	137386	46.160	ug/l 98
13) Acrolein	3.659	56	54699	200.739	ug/l 98
14) Allyl chloride	4.385	41	156917	45.279	ug/l 100
15) Acrylonitrile	5.061	53	135947	242.384	ug/l 99
16) Acetone	3.885	43	90641	250.445	ug/l 92
17) Carbon Disulfide	4.104	76	432123	45.535	ug/l 99
18) Methyl Acetate	4.385	43	76934	59.556	ug/l 97
19) Methyl tert-butyl Ether	5.122	73	327980	49.235	ug/l 97
20) Methylene Chloride	4.610	84	155331	44.420	ug/l 99
21) trans-1,2-Dichloroethene	5.110	96	157441	47.234	ug/l 97
22) Diisopropyl ether	6.019	45	377603	48.962	ug/l 98
23) Vinyl Acetate	5.964	43	1003286	241.385	ug/l 100
24) 1,1-Dichloroethane	5.909	63	252882	47.305	ug/l 98
25) 2-Butanone	6.896	43	153361	243.287	ug/l 98
26) 2,2-Dichloropropane	6.878	77	225811	48.194	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	179708	48.217	ug/l 100
28) Bromochloromethane	7.244	49	102944	49.578	ug/l 96
29) Tetrahydrofuran	7.262	42	103696	253.279	ug/l 97
30) Chloroform	7.421	83	293401	49.480	ug/l 98
31) Cyclohexane	7.701	56	208408	45.589	ug/l 95
32) 1,1,1-Trichloroethane	7.616	97	259359	48.346	ug/l 99
36) 1,1-Dichloropropene	7.835	75	196371	50.518	ug/l 99
37) Ethyl Acetate	6.988	43	71080	50.914	ug/l 96
38) Carbon Tetrachloride	7.817	117	237962	51.231	ug/l 95
39) Methylcyclohexane	9.109	83	243490	49.776	ug/l 97
40) Benzene	8.079	78	627597	51.650	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	40144	52.602	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	157308	52.289	ug/l	100
43) Isopropyl Acetate	8.195	43	135943	50.705	ug/l	99
44) Trichloroethene	8.866	130	168626	50.102	ug/l	97
45) 1,2-Dichloropropane	9.140	63	140483	52.280	ug/l	98
46) Dibromomethane	9.231	93	90199	53.622	ug/l	99
47) Bromodichloromethane	9.420	83	222511	52.951	ug/l	100
48) Methyl methacrylate	9.219	41	67571	54.519	ug/l	97
49) 1,4-Dioxane	9.244	88	20304	1132.484	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	396361	282.021	ug/l	99
52) Toluene	10.170	92	413392	52.558	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	190828	52.943	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	225382	52.602	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	121699	54.162	ug/l	99
56) Ethyl methacrylate	10.438	69	140972	54.864	ug/l	99
57) 1,3-Dichloropropane	10.713	76	191332	53.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	357006	284.170	ug/l	99
59) 2-Hexanone	10.762	43	264777	285.628	ug/l	99
60) Dibromochloromethane	10.908	129	172741	55.529	ug/l	99
61) 1,2-Dibromoethane	11.012	107	116385	54.866	ug/l	99
64) Tetrachloroethene	10.646	164	178447	44.986	ug/l	98
65) Chlorobenzene	11.438	112	473007	50.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	171474	51.798	ug/l	99
67) Ethyl Benzene	11.518	91	783192	50.916	ug/l	100
68) m/p-Xylenes	11.627	106	644255	105.256	ug/l	98
69) o-Xylene	11.956	106	295659	52.408	ug/l	99
70) Styrene	11.969	104	510156	53.858	ug/l	100
71) Bromoform	12.133	173	103171	53.605	ug/l #	99
73) Isopropylbenzene	12.255	105	762153	48.826	ug/l	99
74) N-amyl acetate	12.072	43	124788	46.530	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	136259	51.775	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	173888	86.890	ug/l #	100
77) Bromobenzene	12.530	156	194904	49.414	ug/l	99
78) n-propylbenzene	12.597	91	918969	49.435	ug/l	99
79) 2-Chlorotoluene	12.682	91	527372	48.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	649159	50.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	41416	49.837	ug/l	99
82) 4-Chlorotoluene	12.780	91	555914	49.467	ug/l	99
83) tert-Butylbenzene	12.999	119	583678	50.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	662815	51.523	ug/l	100
85) sec-Butylbenzene	13.176	105	836912	49.583	ug/l	99
86) p-Isopropyltoluene	13.292	119	721392	50.332	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	400335	49.973	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	389223	49.057	ug/l	99
89) n-Butylbenzene	13.615	91	631593	49.300	ug/l	99
90) Hexachloroethane	13.883	117	153517	48.750	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	350321	50.137	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19842	47.389	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	199131	50.292	ug/l	99
94) Hexachlorobutadiene	15.023	225	119697	49.134	ug/l	99
95) Naphthalene	15.145	128	340679	51.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	175304	51.291	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

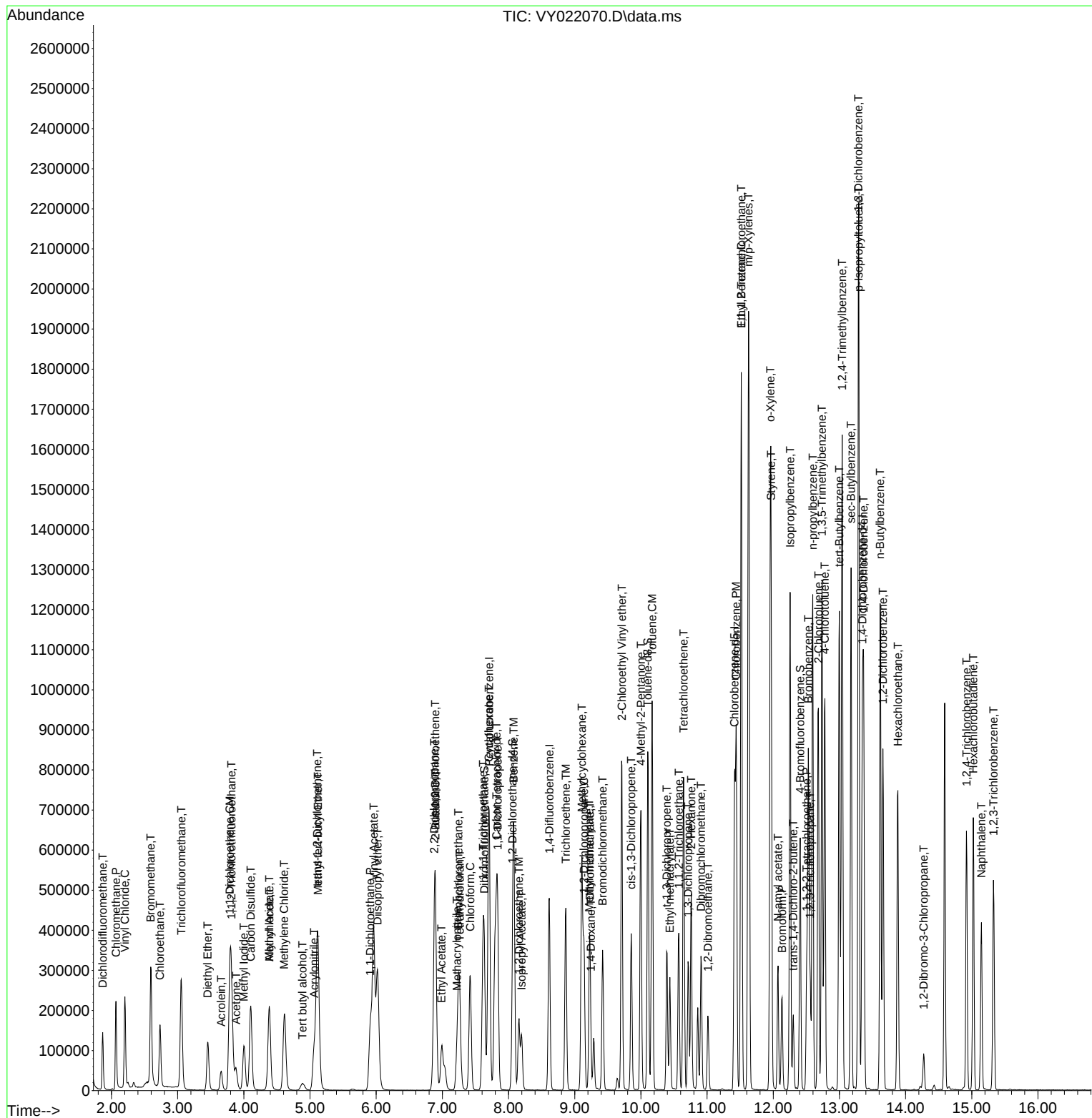
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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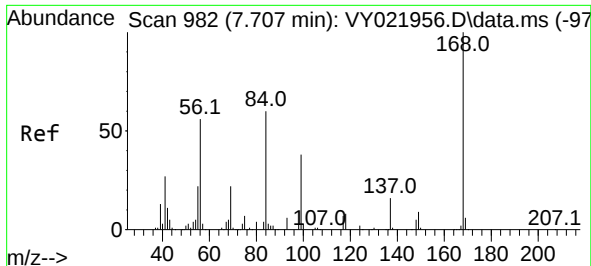
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 Data File : VY022070.D
 Acq On : 30 Apr 2025 09:20
 Operator : SY/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050

Quant Time: May 01 01:30:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
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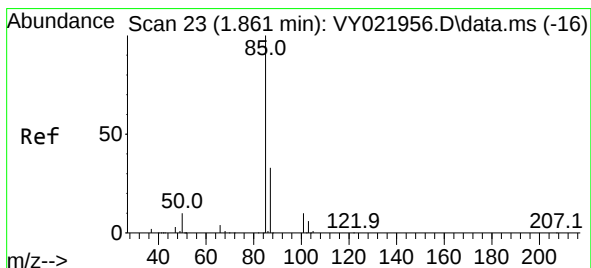
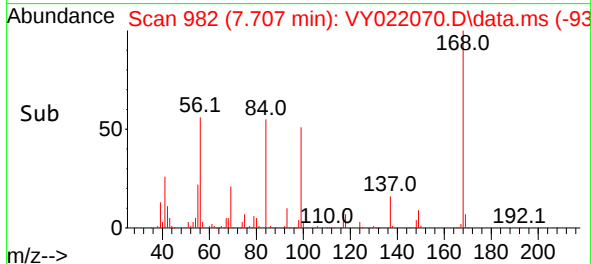
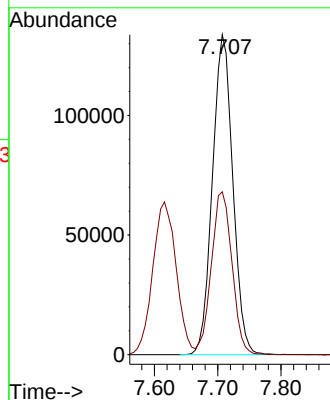
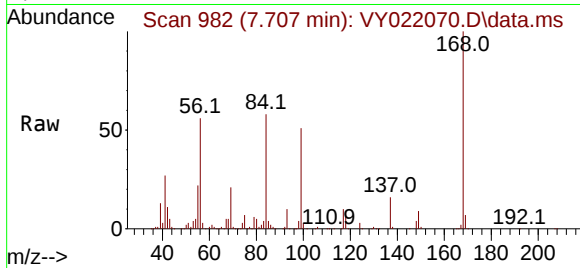




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022070.D
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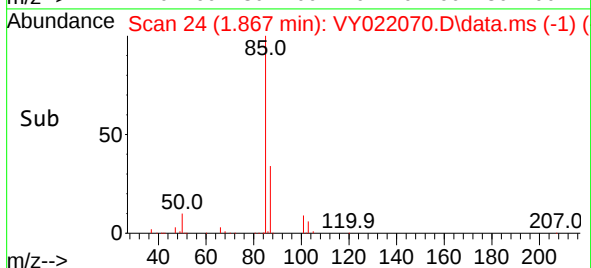
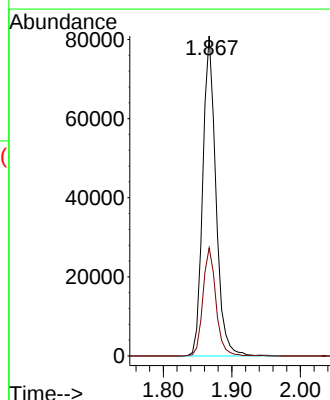
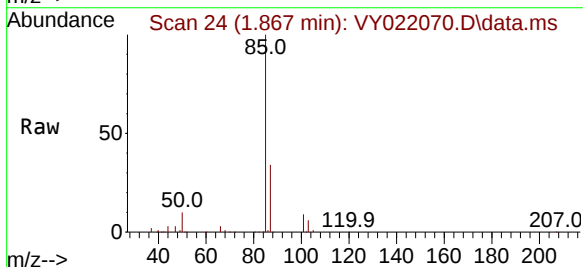
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

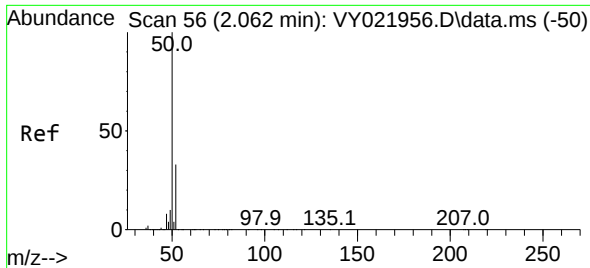
Tgt Ion:168 Resp: 299393
Ion Ratio Lower Upper
168 100
99 50.9 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 42.366 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 85 Resp: 108081
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.7

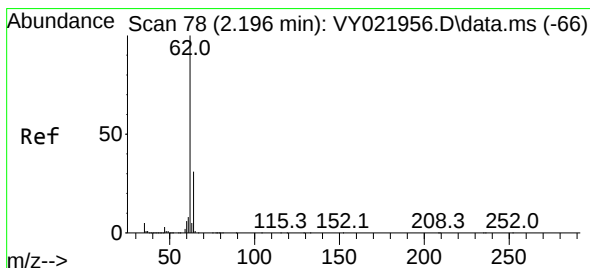
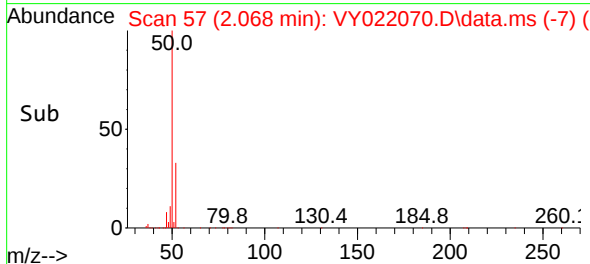
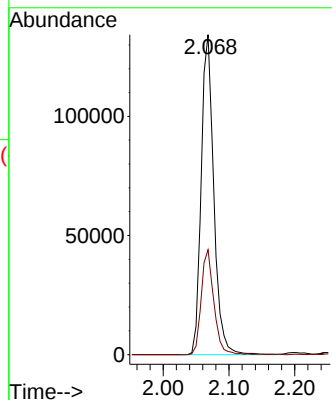
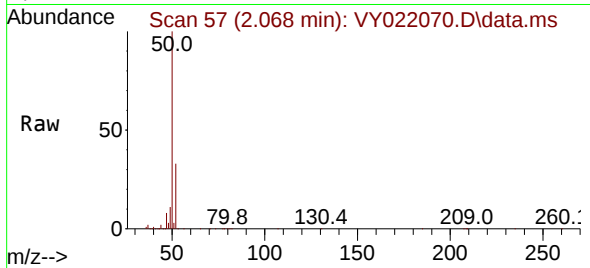




#3
Chloromethane
Concen: 49.217 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

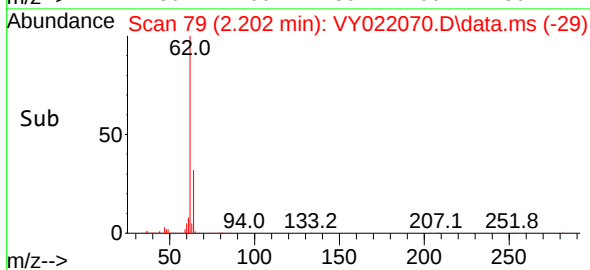
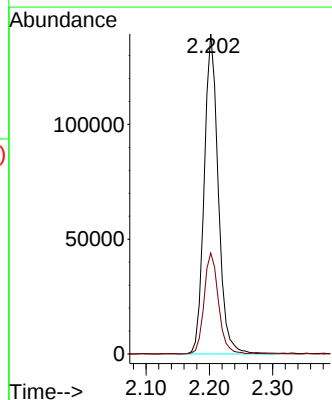
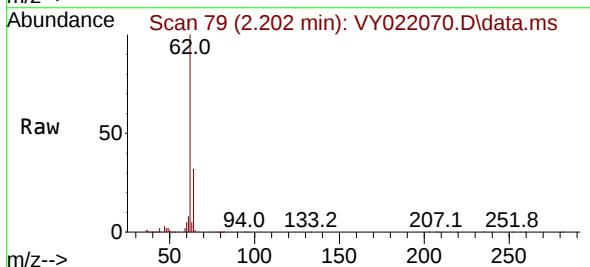
Instrument :
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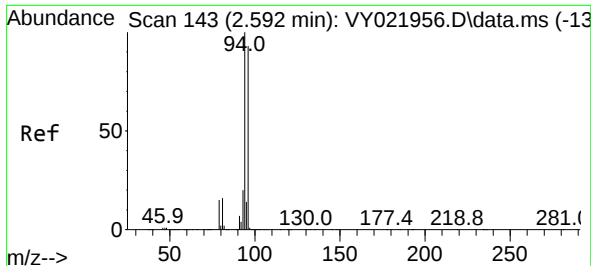
Tgt Ion: 50 Resp: 178783
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1



#4
Vinyl Chloride
Concen: 48.485 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 62 Resp: 216428
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7

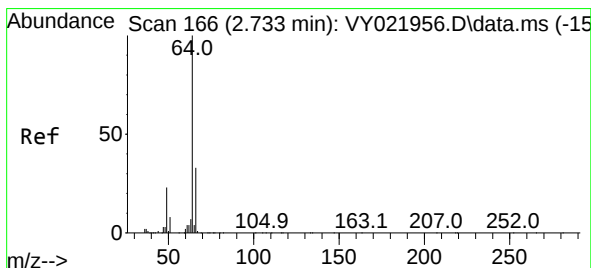
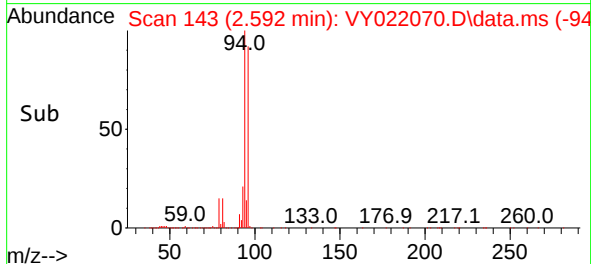
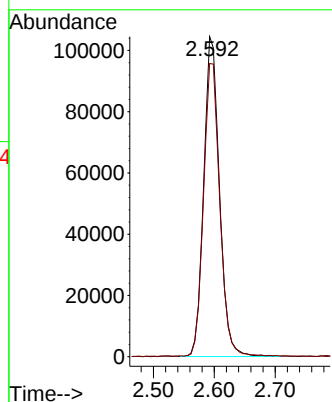
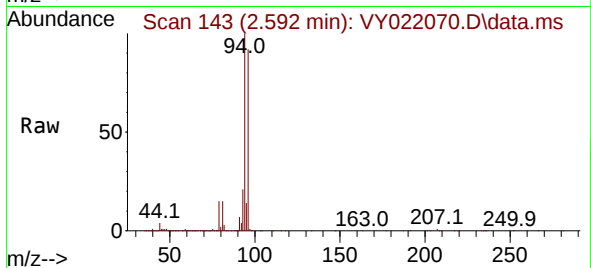




#5
Bromomethane
Concen: 48.836 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022070.D
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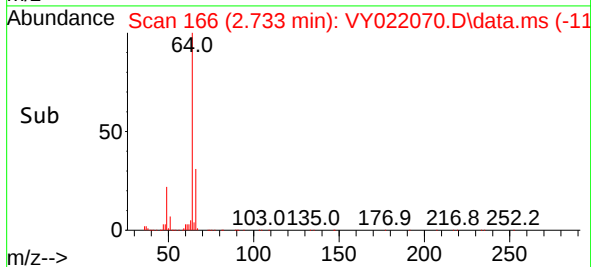
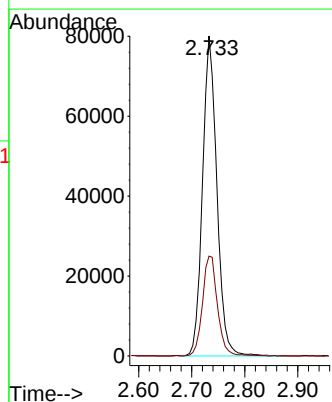
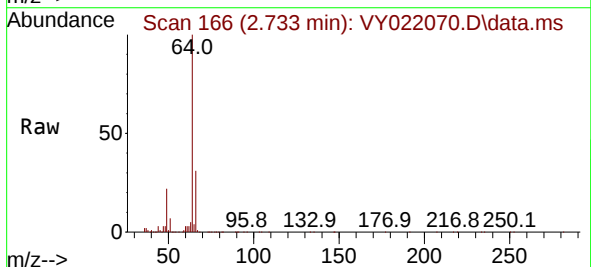
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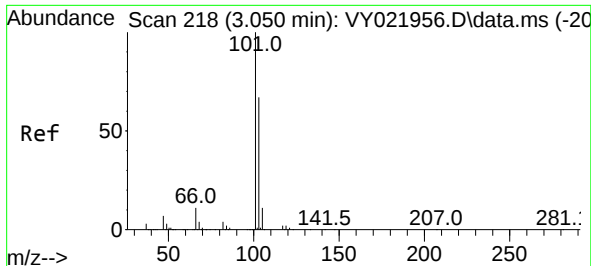
Tgt Ion: 94 Resp: 187814
Ion Ratio Lower Upper
94 100
96 91.5 74.6 111.8



#6
Chloroethane
Concen: 49.426 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 64 Resp: 150261
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4

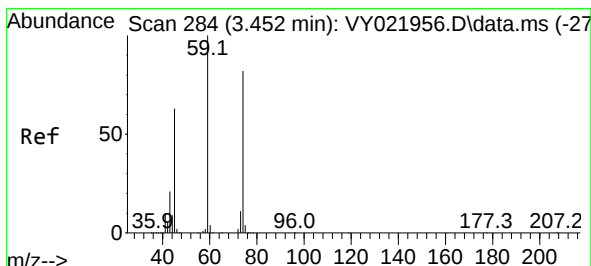
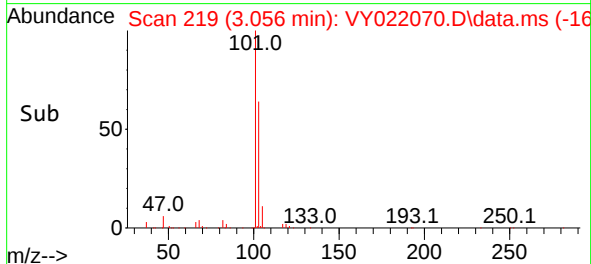
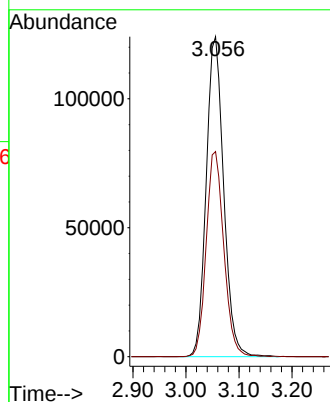
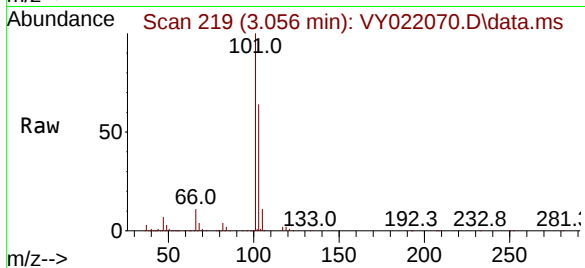




#7
 Trichlorofluoromethane
 Concen: 48.131 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

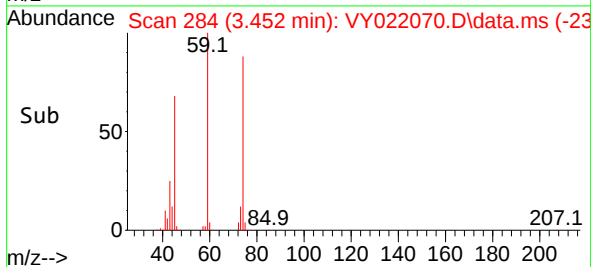
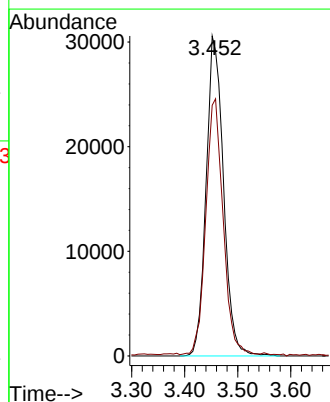
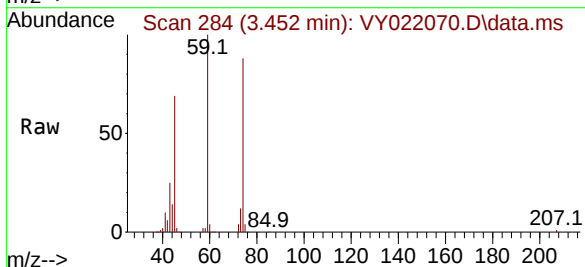
Instrument :
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 ClientSampleId :
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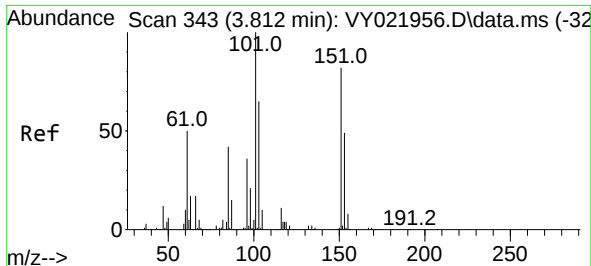
Tgt Ion:101 Resp: 283309
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.6 80.4



#8
 Diethyl Ether
 Concen: 45.309 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022070.D
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Tgt Ion: 74 Resp: 69416
 Ion Ratio Lower Upper
 74 100
 45 79.9 39.1 117.5

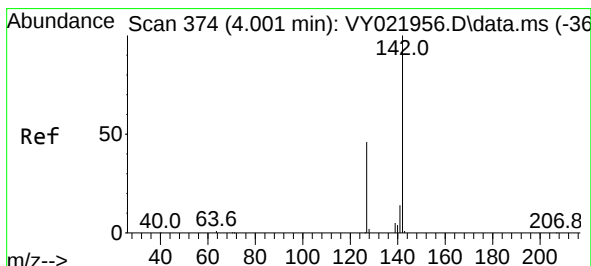
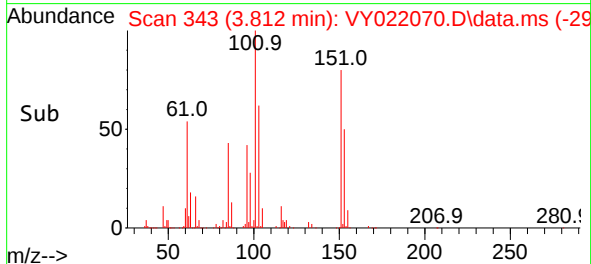
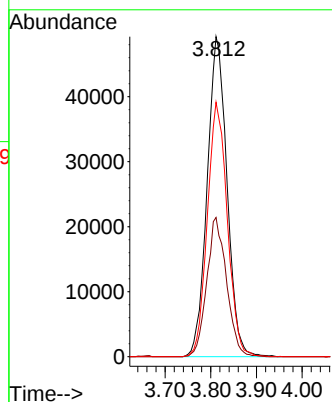
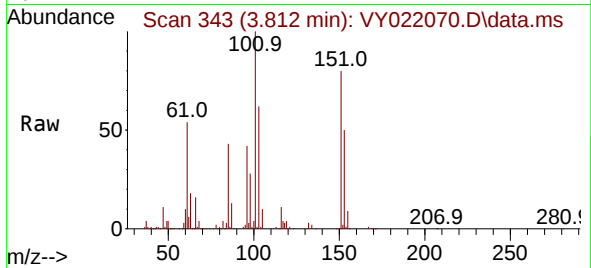




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.461 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

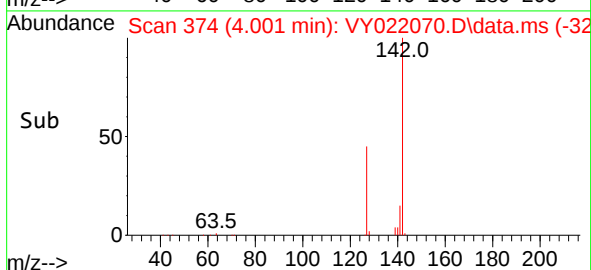
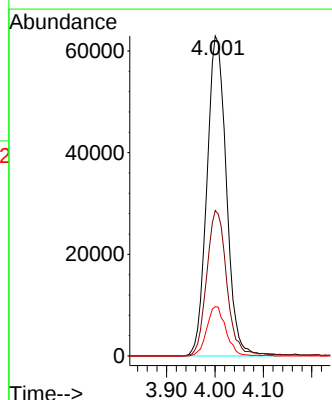
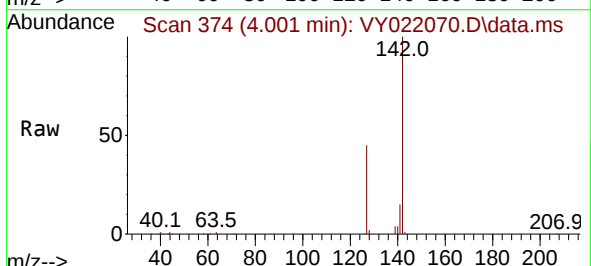
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

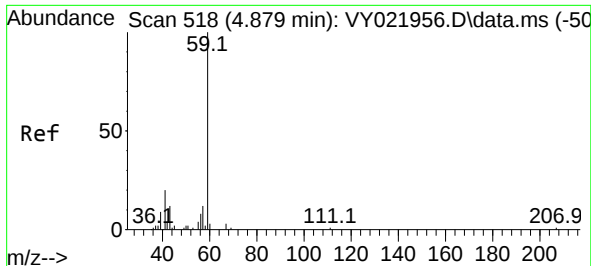
Tgt Ion:101 Resp: 148356
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 80.0 63.7 95.5



#10
Methyl Iodide
Concen: 47.649 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:142 Resp: 176157
Ion Ratio Lower Upper
142 100
127 46.9 36.2 54.2
141 15.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 232.610 ug/l

RT: 4.885 min Scan# 518

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

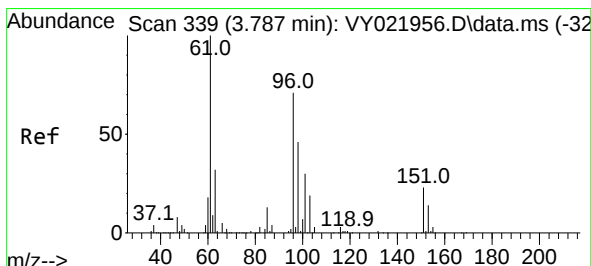
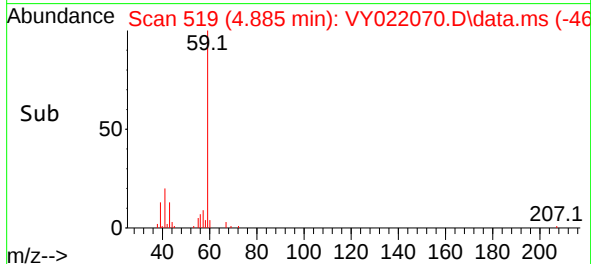
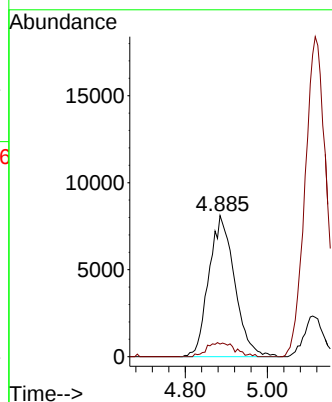
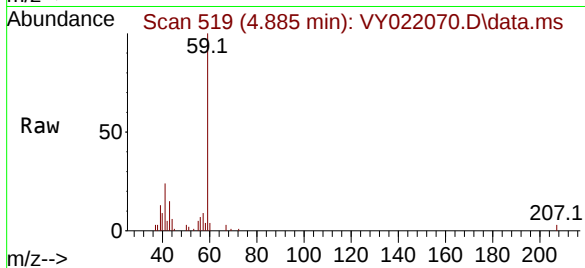
VSTDCCC050

Tgt Ion: 59 Resp: 35315

Ion Ratio Lower Upper

59 100

57 10.5 9.3 13.9



#12

1,1-Dichloroethene

Concen: 46.160 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

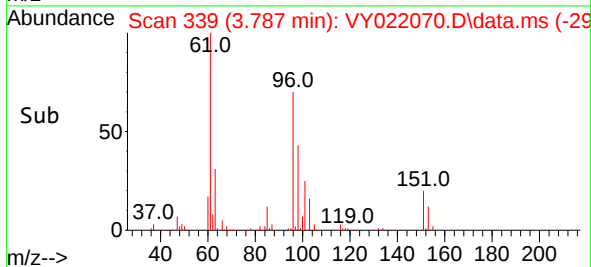
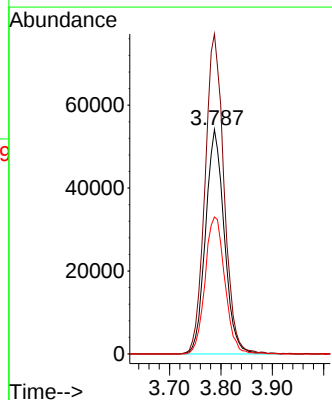
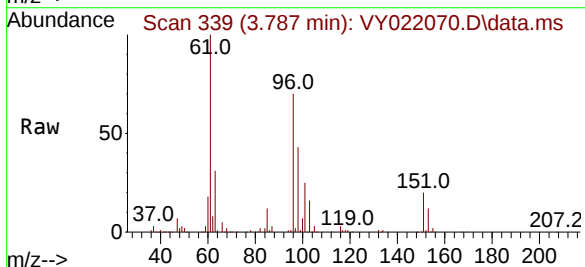
Tgt Ion: 96 Resp: 137386

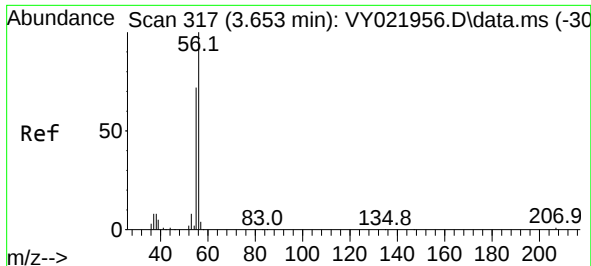
Ion Ratio Lower Upper

96 100

61 142.6 113.0 169.4

98 61.1 51.4 77.2





#13

Acrolein

Concen: 200.739 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

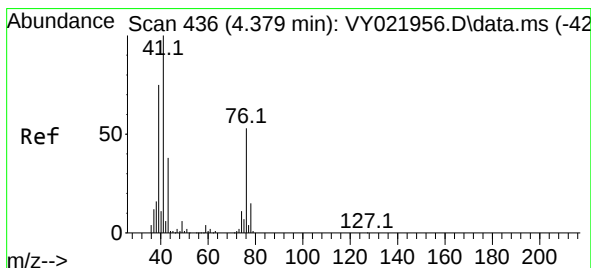
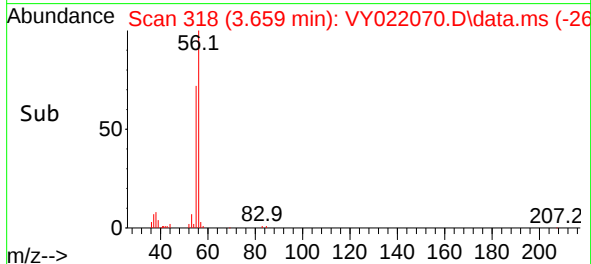
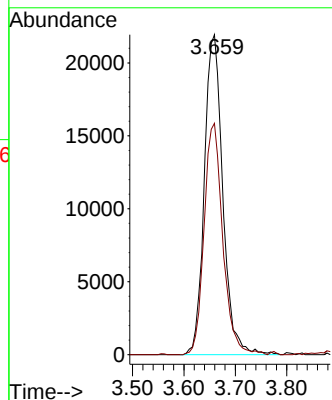
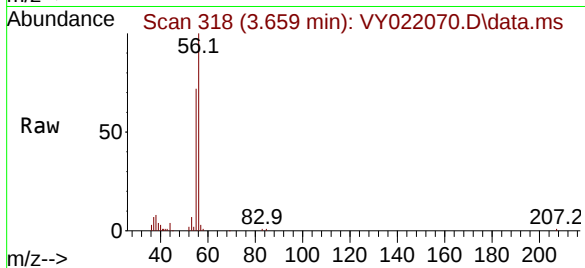
VSTDCCC050

Tgt Ion: 56 Resp: 54699

Ion Ratio Lower Upper

56 100

55 73.3 57.4 86.0



#14

Allyl chloride

Concen: 45.279 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

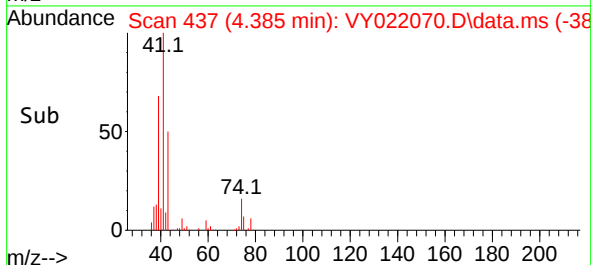
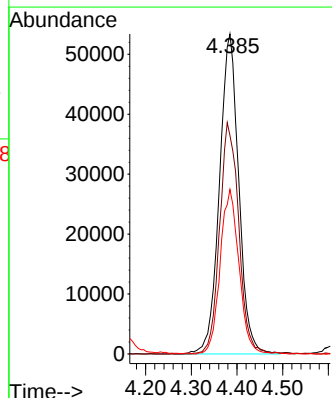
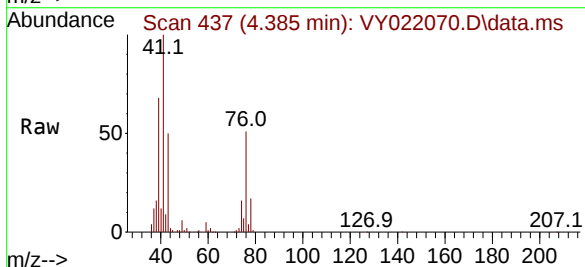
Tgt Ion: 41 Resp: 156917

Ion Ratio Lower Upper

41 100

39 71.4 57.2 85.8

76 50.0 39.7 59.5

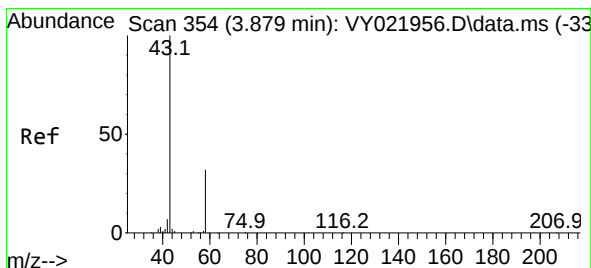
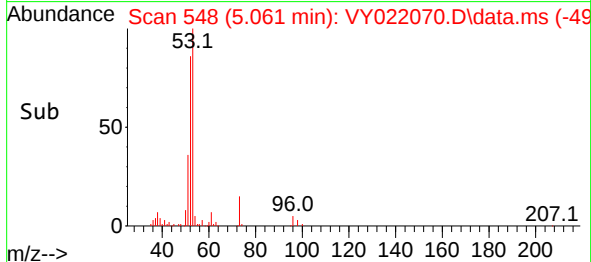
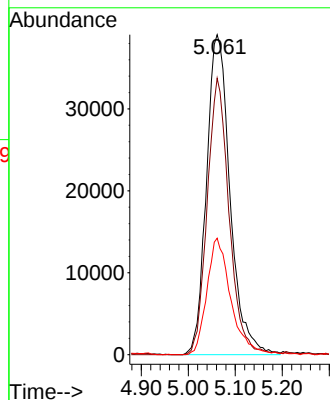
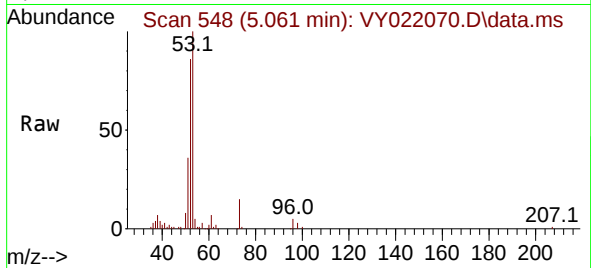




#15
Acrylonitrile
Concen: 242.384 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

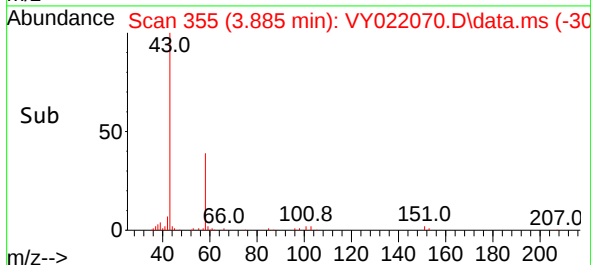
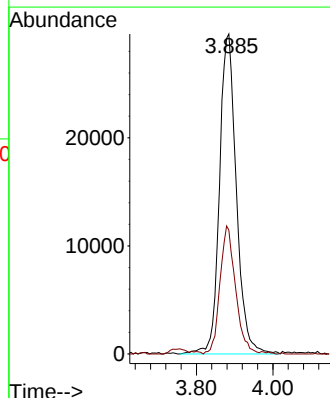
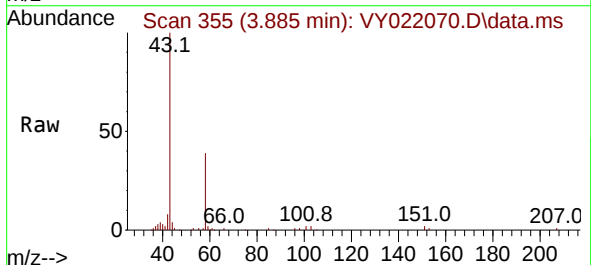
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

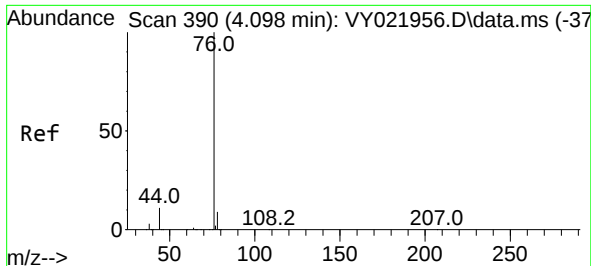
Tgt Ion: 53 Resp: 135947
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.6
51 37.0 28.9 43.3



#16
Acetone
Concen: 250.445 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 43 Resp: 90641
Ion Ratio Lower Upper
43 100
58 38.5 27.0 40.4

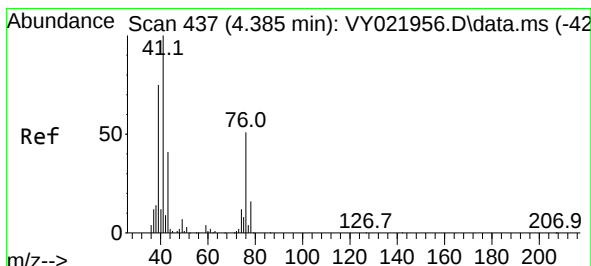
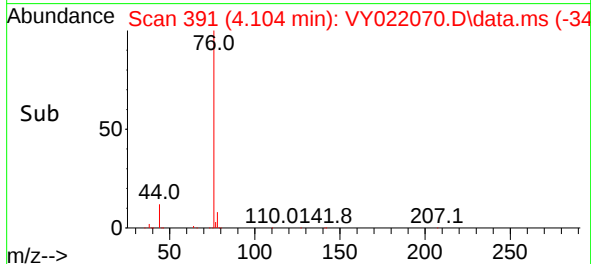
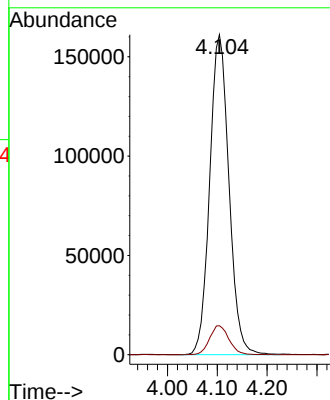
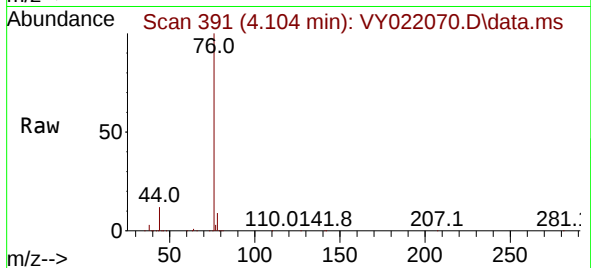




#17
Carbon Disulfide
Concen: 45.535 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

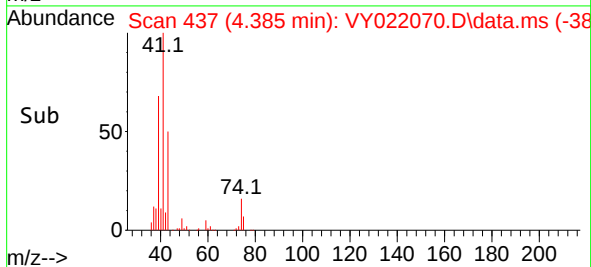
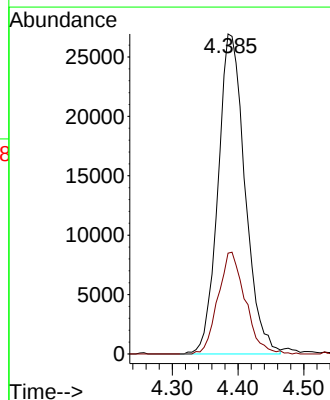
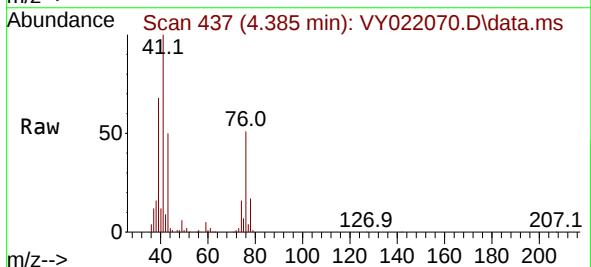
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 432123
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 59.556 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 43 Resp: 76934
Ion Ratio Lower Upper
43 100
74 32.2 24.2 36.4

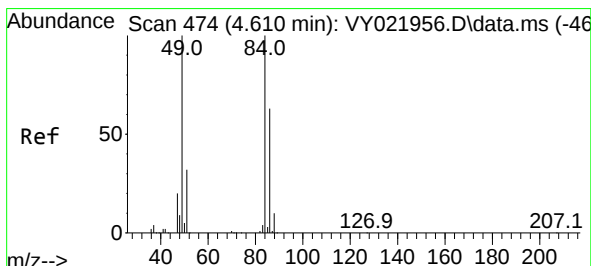
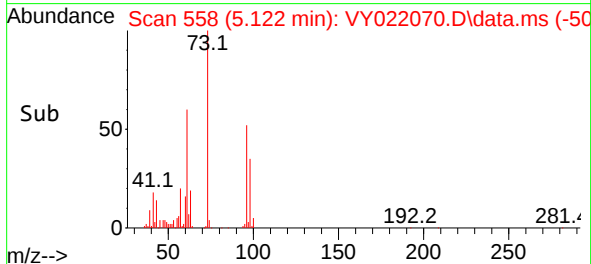
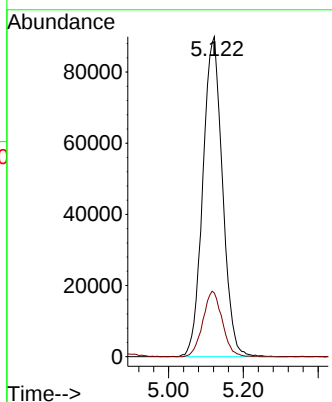
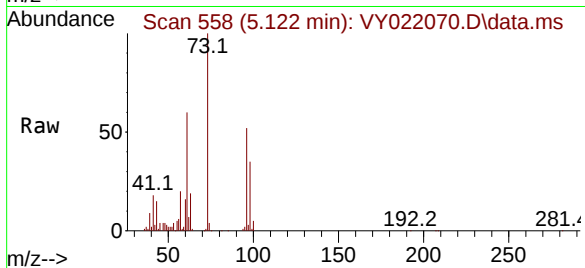




#19
Methyl tert-butyl Ether
Concen: 49.235 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

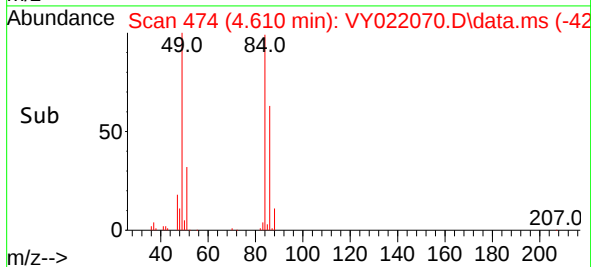
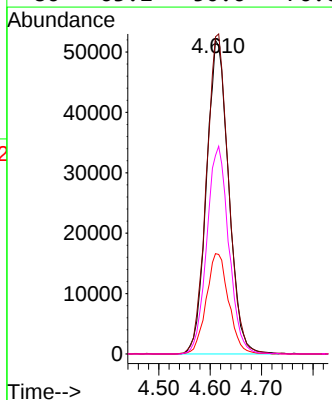
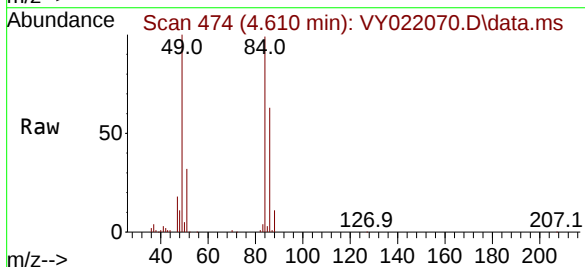
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

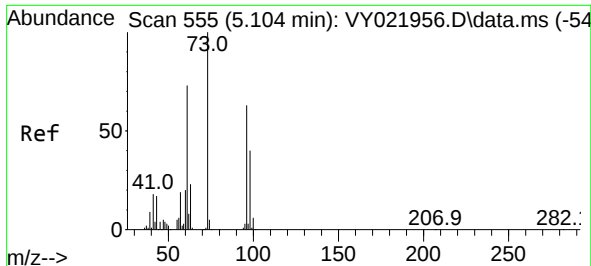
Tgt Ion: 73 Resp: 327980
Ion Ratio Lower Upper
73 100
57 19.9 16.9 25.3



#20
Methylene Chloride
Concen: 44.420 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 84 Resp: 155331
Ion Ratio Lower Upper
84 100
49 100.9 79.9 119.9
51 32.0 25.4 38.0
86 63.2 50.6 76.0

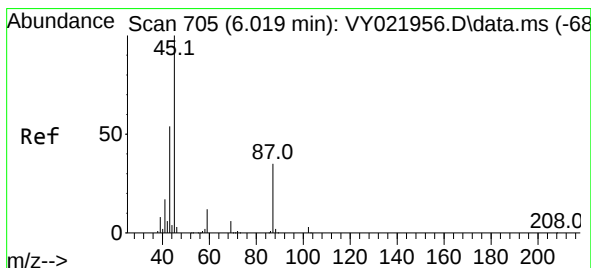
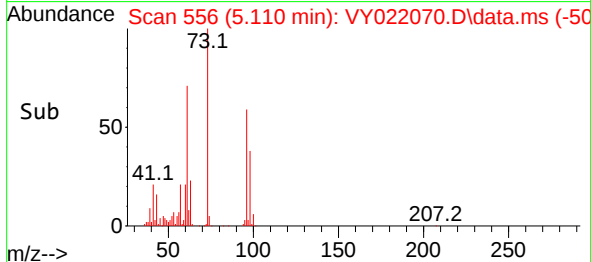
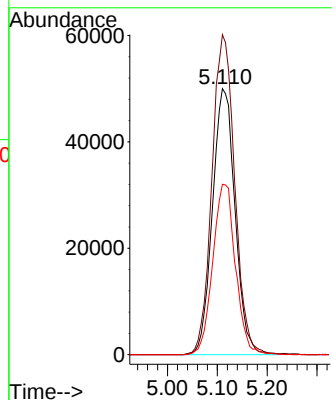
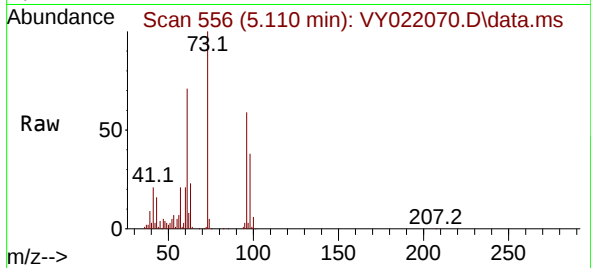




#21
trans-1,2-Dichloroethene
Concen: 47.234 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

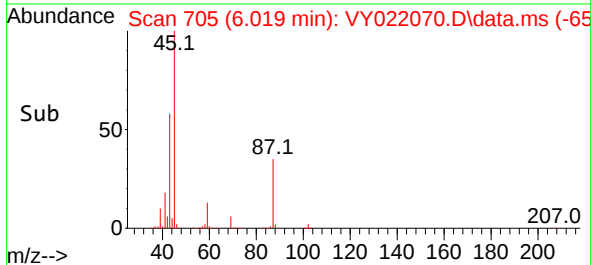
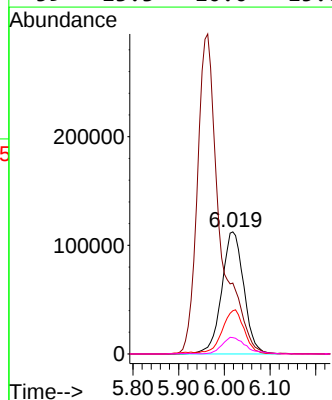
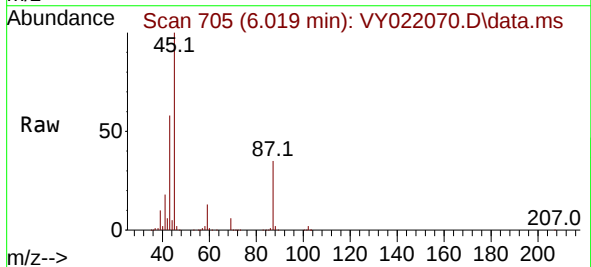
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

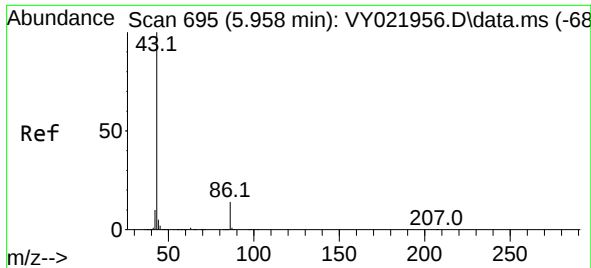
Tgt Ion: 96 Resp: 157441
Ion Ratio Lower Upper
96 100
61 120.3 92.6 138.8
98 64.0 50.2 75.4



#22
Diisopropyl ether
Concen: 48.962 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 45 Resp: 377603
Ion Ratio Lower Upper
45 100
43 57.5 43.6 65.4
87 35.3 28.2 42.4
59 13.3 10.0 15.0

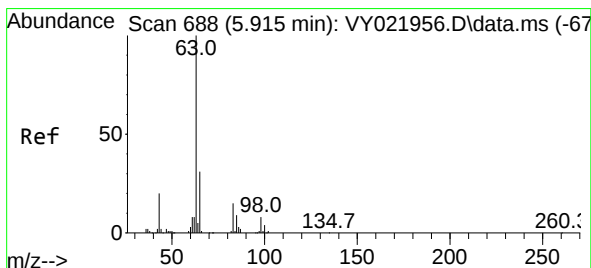
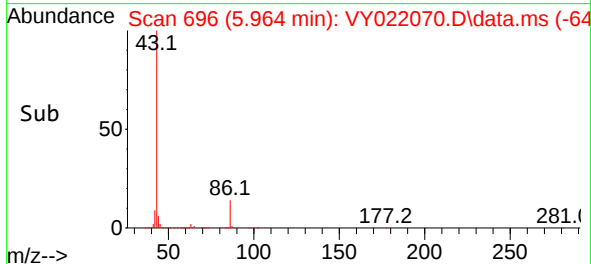
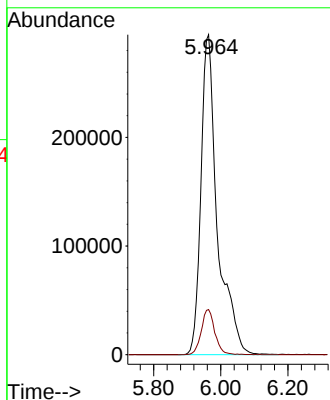
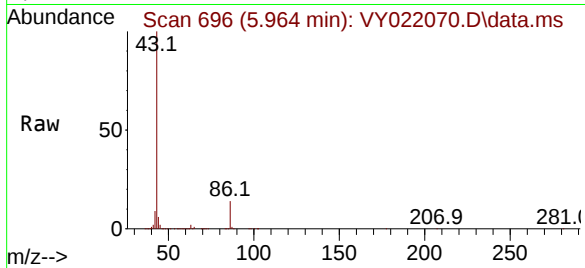




#23
 Vinyl Acetate
 Concen: 241.385 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

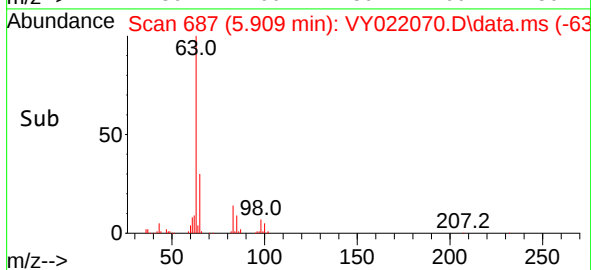
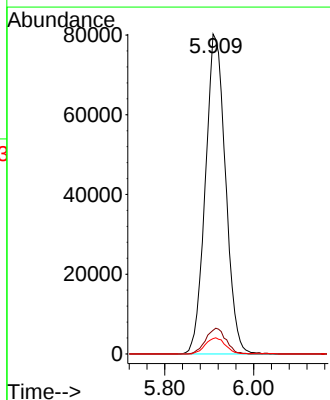
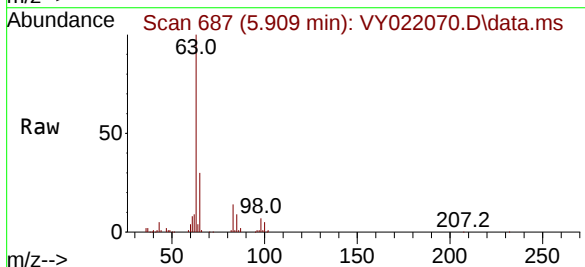
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

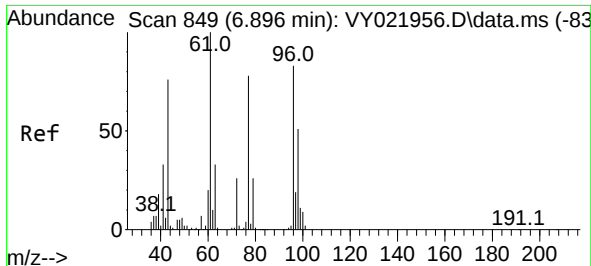
Tgt Ion: 43 Resp: 1003286
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 47.305 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

Tgt Ion: 63 Resp: 252882
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 4.8 2.0 6.0





#25

2-Butanone

Concen: 243.287 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

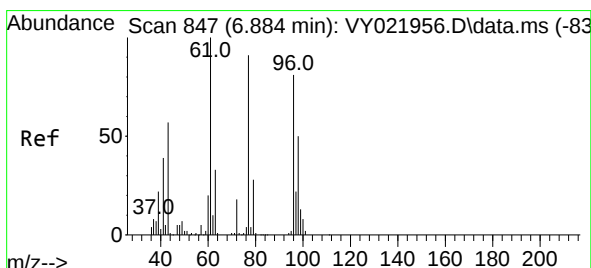
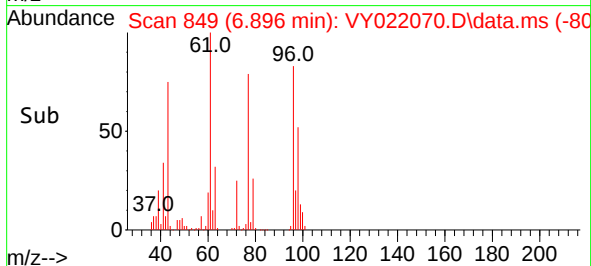
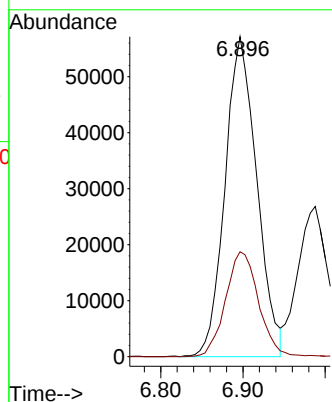
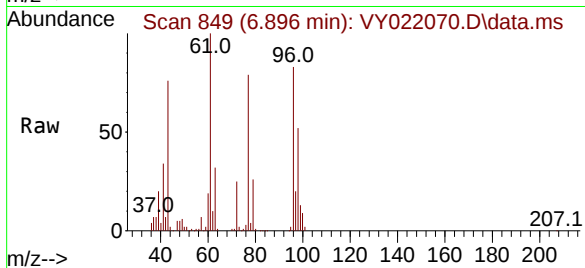
VSTDCCC050

Tgt Ion: 43 Resp: 153361

Ion Ratio Lower Upper

43 100

72 32.8 27.0 40.4



#26

2,2-Dichloropropane

Concen: 48.194 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY022070.D

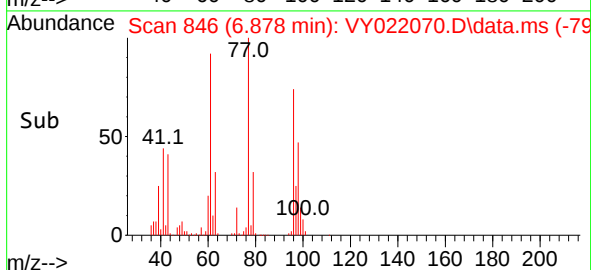
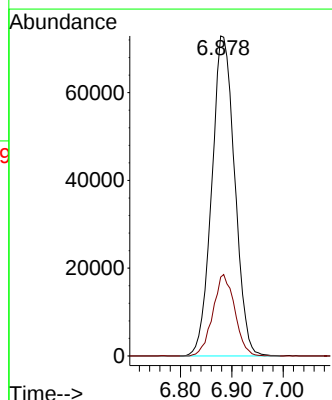
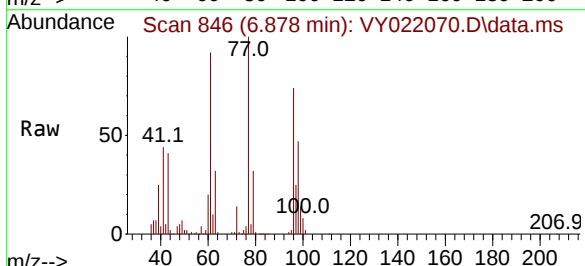
Acq: 30 Apr 2025 09:20

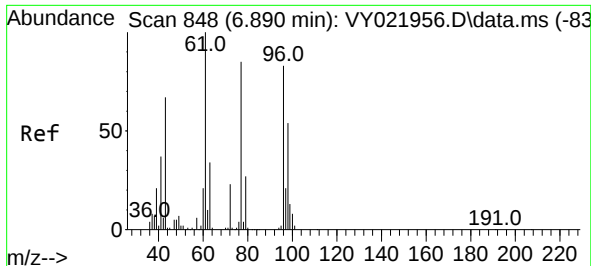
Tgt Ion: 77 Resp: 225811

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 48.217 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

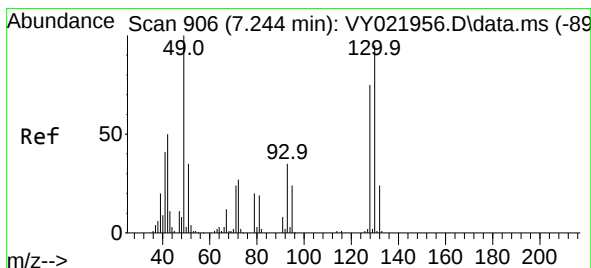
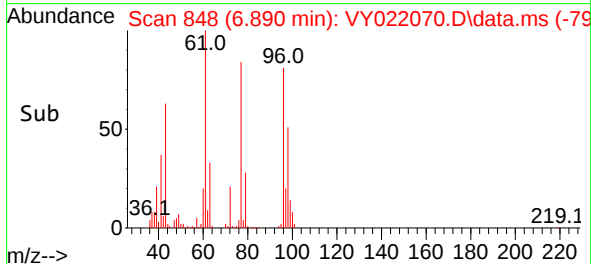
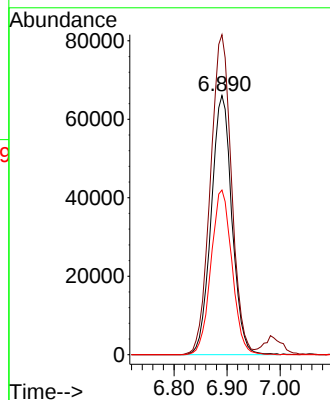
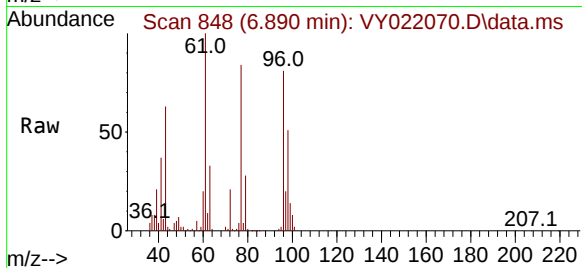
Tgt Ion: 96 Resp: 179708

Ion Ratio Lower Upper

96 100

61 125.6 0.0 251.4

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 49.578 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

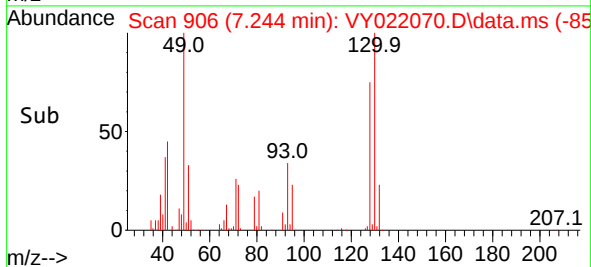
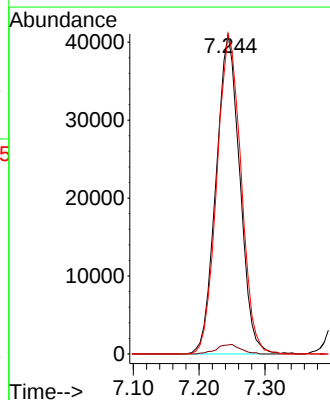
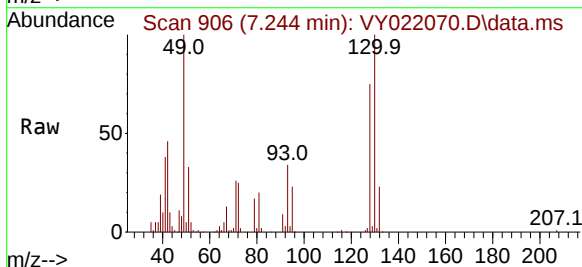
Tgt Ion: 49 Resp: 102944

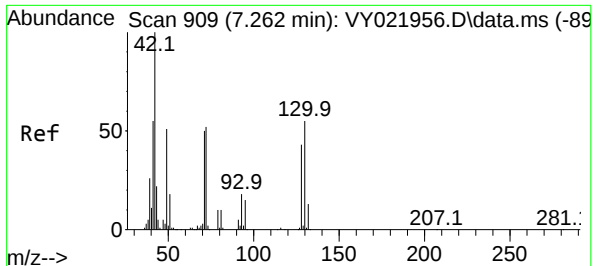
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.0

130 101.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 253.279 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

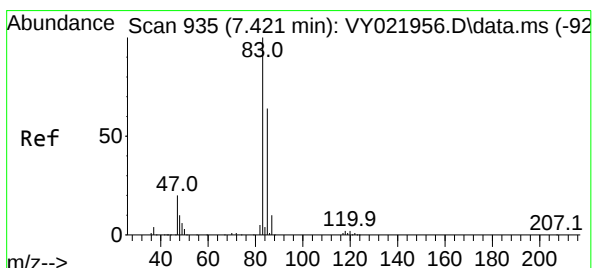
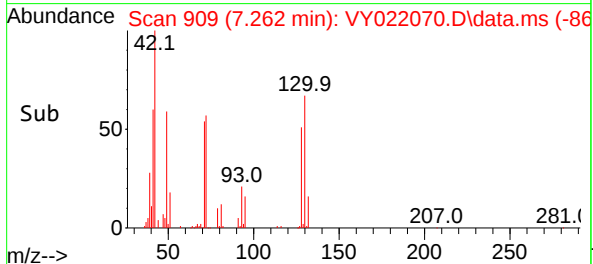
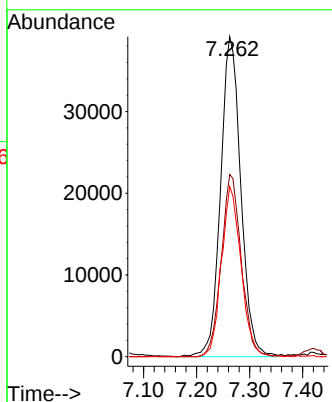
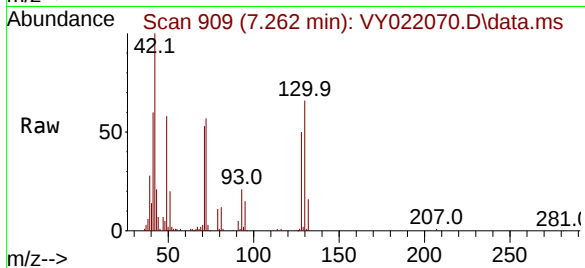
Tgt Ion: 42 Resp: 103696

Ion Ratio Lower Upper

42 100

72 56.3 42.6 63.8

71 51.6 40.6 61.0



#30

Chloroform

Concen: 49.480 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022070.D

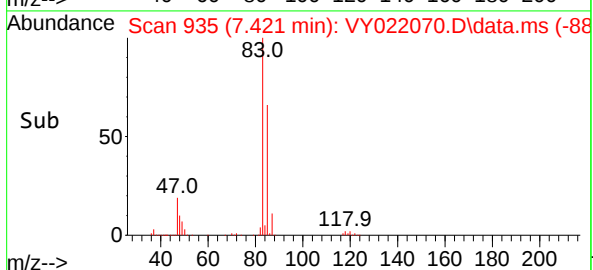
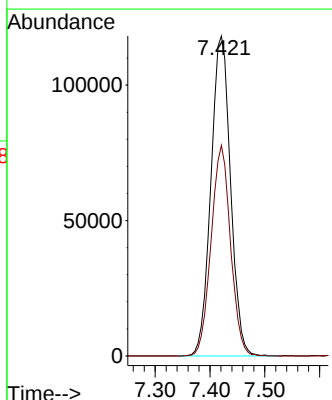
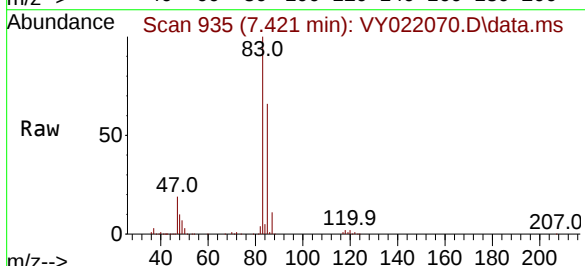
Acq: 30 Apr 2025 09:20

Tgt Ion: 83 Resp: 293401

Ion Ratio Lower Upper

83 100

85 65.8 51.3 76.9

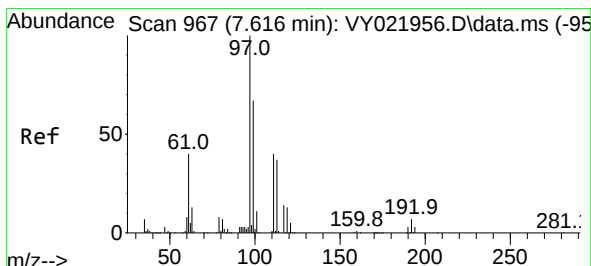
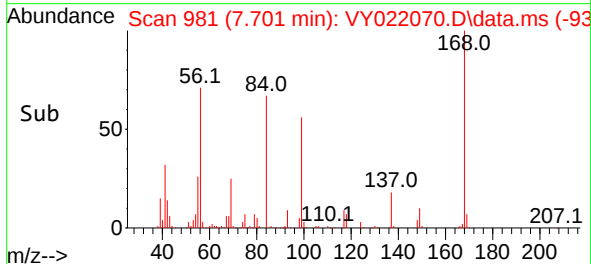
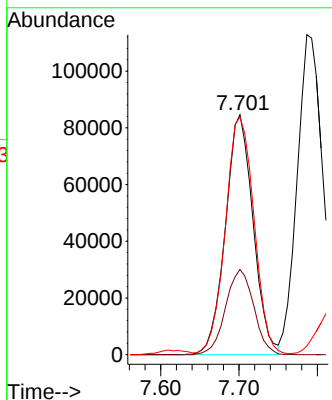
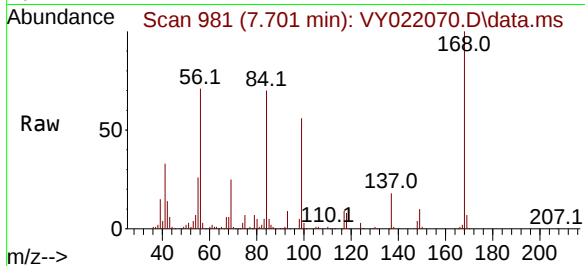




#31
Cyclohexane
Concen: 45.589 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

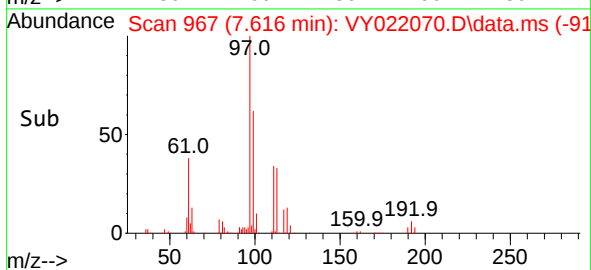
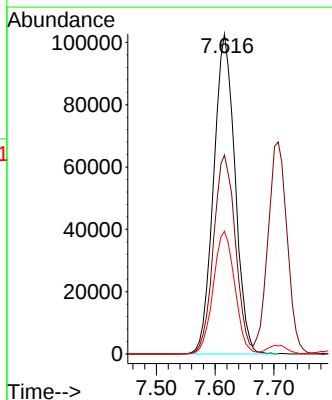
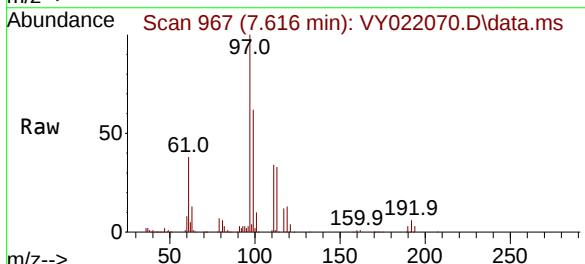
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 208408
Ion Ratio Lower Upper
56 100
69 35.6 29.4 44.2
84 97.3 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 48.346 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 97 Resp: 259359
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 38.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.797 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

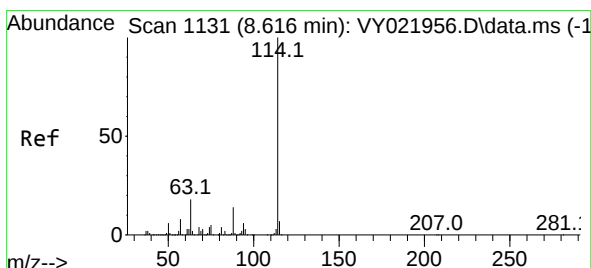
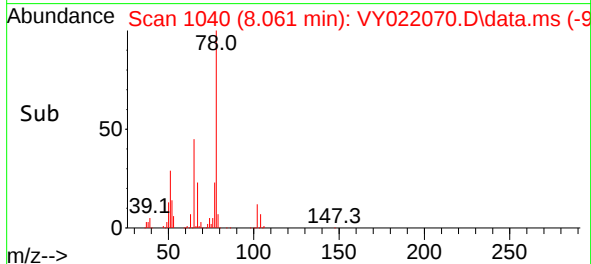
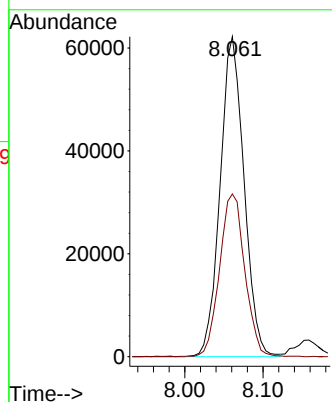
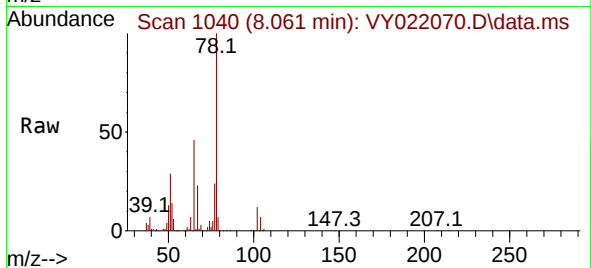
VSTDCCC050

Tgt Ion: 65 Resp: 132181

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

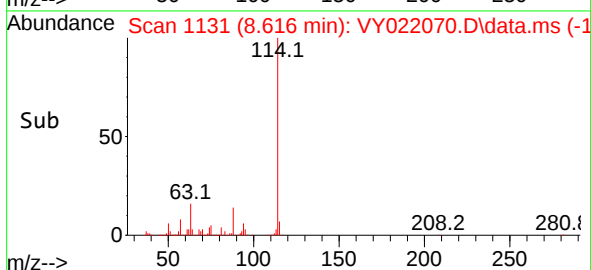
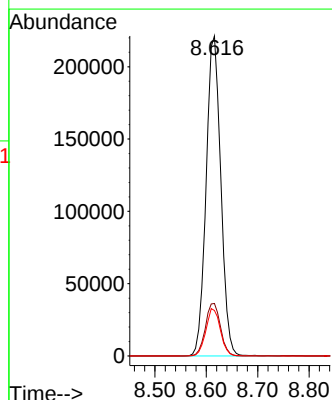
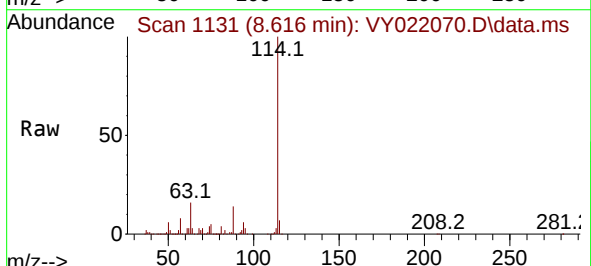
Tgt Ion: 114 Resp: 438020

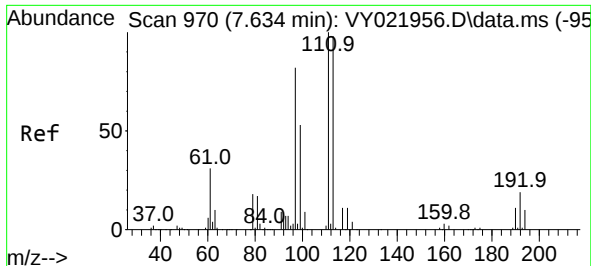
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.4

88 14.2 0.0 28.2

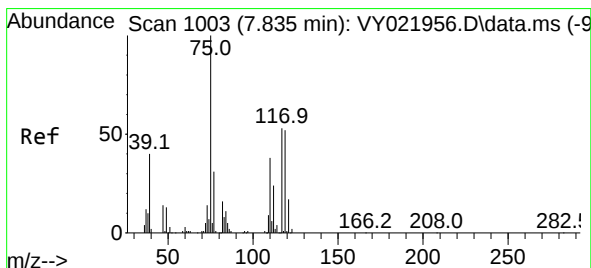
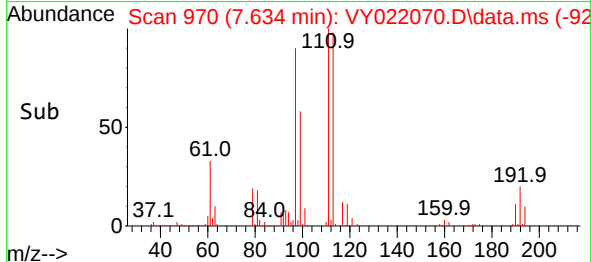
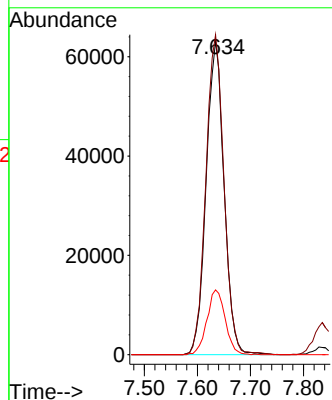
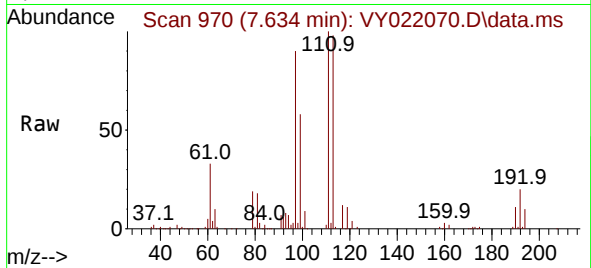




#35
Dibromofluoromethane
Concen: 51.071 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

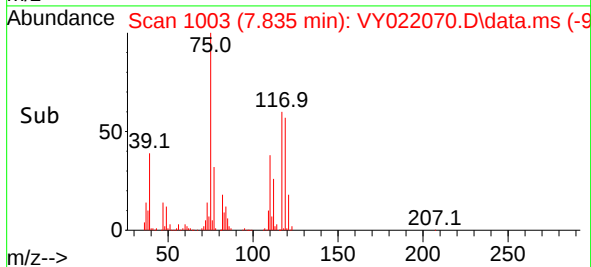
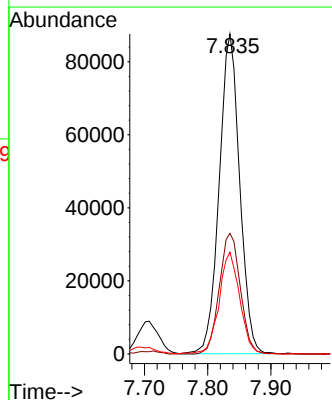
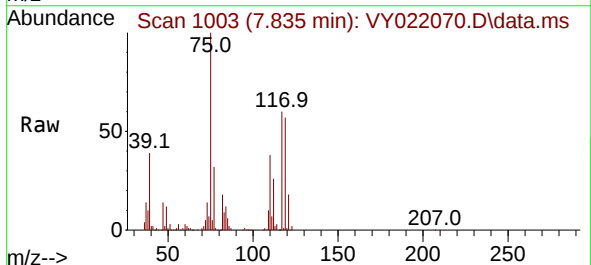
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

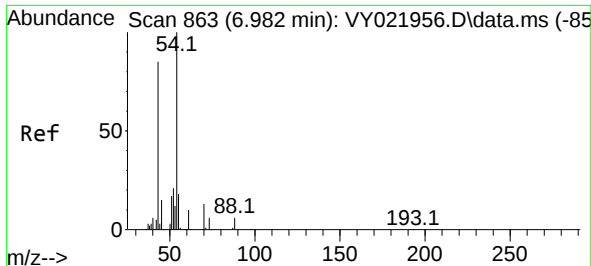
Tgt Ion:113 Resp: 147788
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 21.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 50.518 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 75 Resp: 196371
Ion Ratio Lower Upper
75 100
110 38.7 19.1 57.3
77 32.2 25.5 38.3





#37

Ethyl Acetate

Concen: 50.914 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

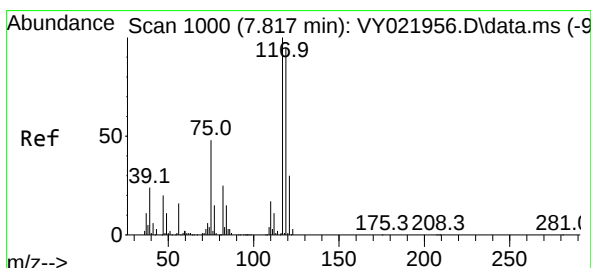
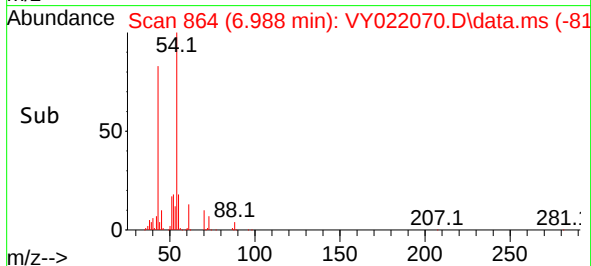
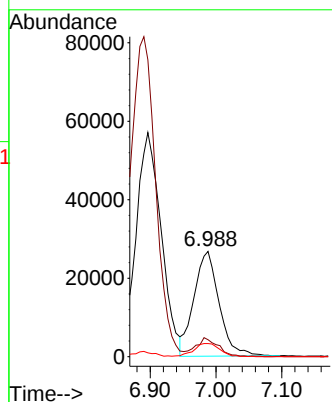
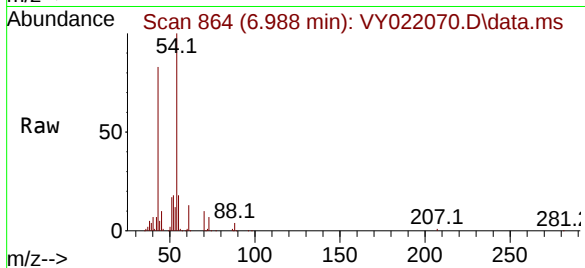
Tgt Ion: 43 Resp: 71080

Ion Ratio Lower Upper

43 100

61 15.6 13.8 20.6

70 13.1 9.2 13.8



#38

Carbon Tetrachloride

Concen: 51.231 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

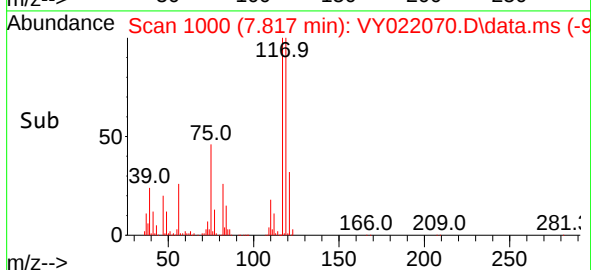
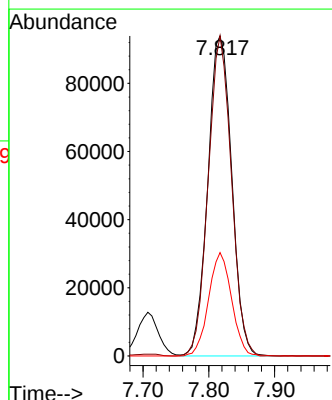
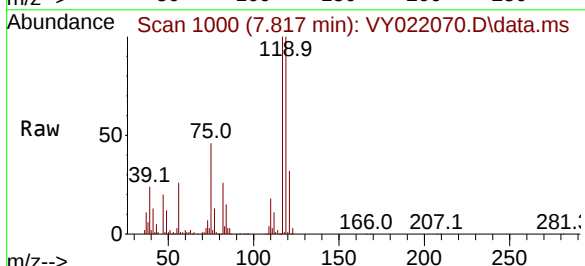
Tgt Ion: 117 Resp: 237962

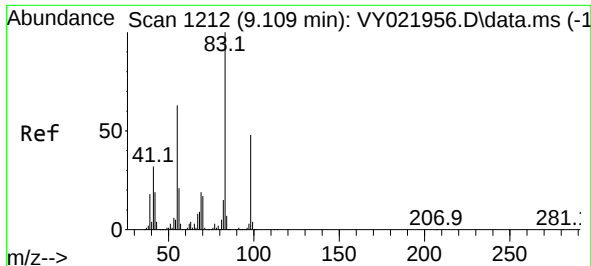
Ion Ratio Lower Upper

117 100

119 100.0 76.2 114.4

121 32.3 24.0 36.0





#39

Methylcyclohexane

Concen: 49.776 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

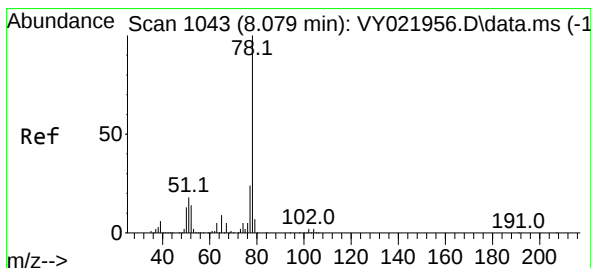
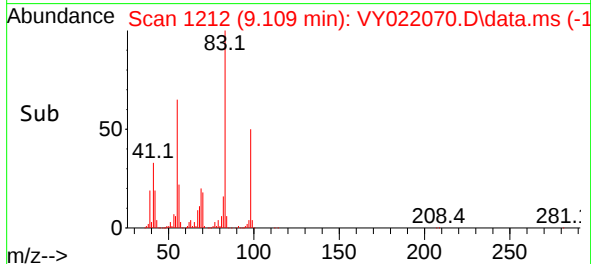
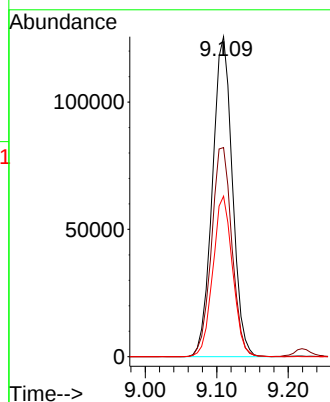
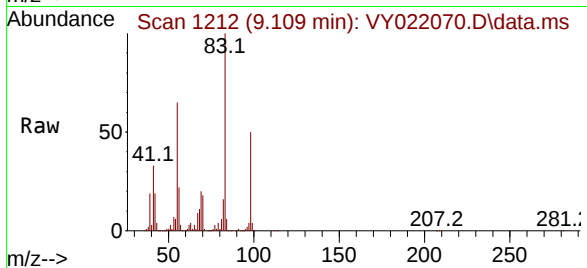
Tgt Ion: 83 Resp: 243490

Ion Ratio Lower Upper

83 100

55 65.3 50.6 75.8

98 50.2 38.6 58.0



#40

Benzene

Concen: 51.650 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022070.D

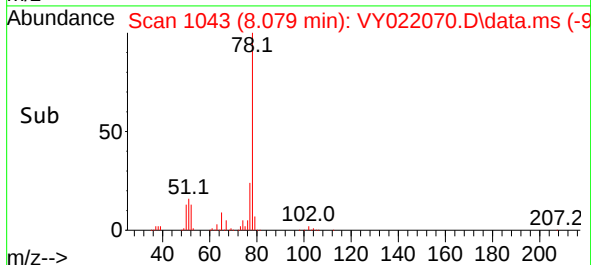
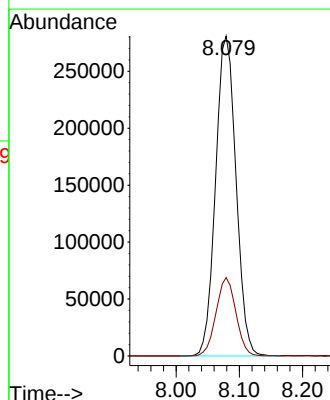
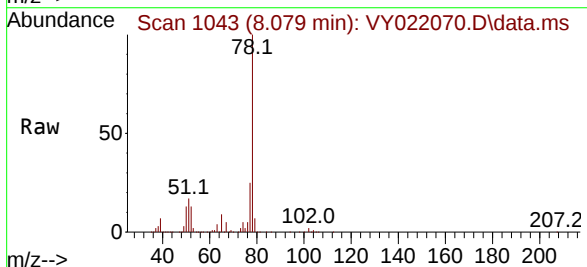
Acq: 30 Apr 2025 09:20

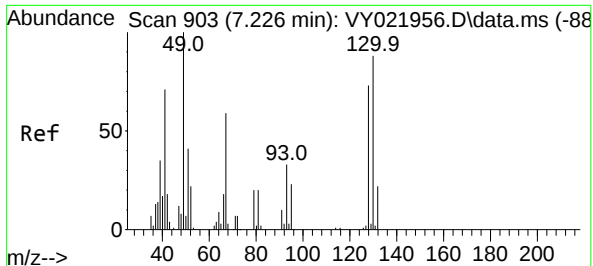
Tgt Ion: 78 Resp: 627597

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

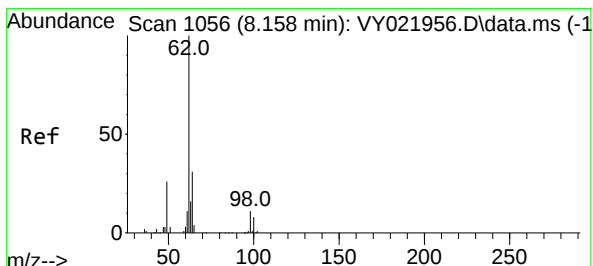
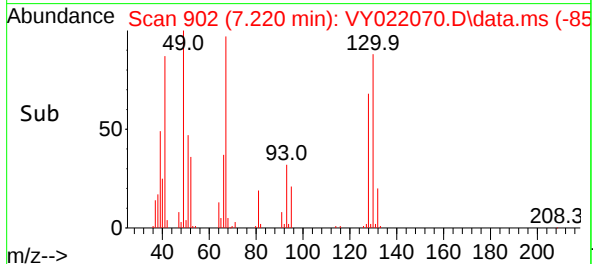
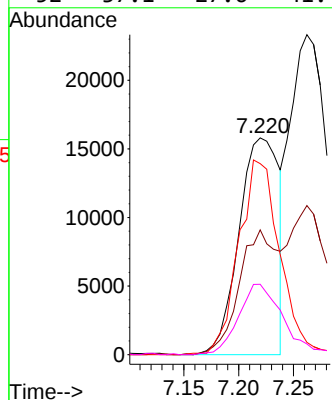
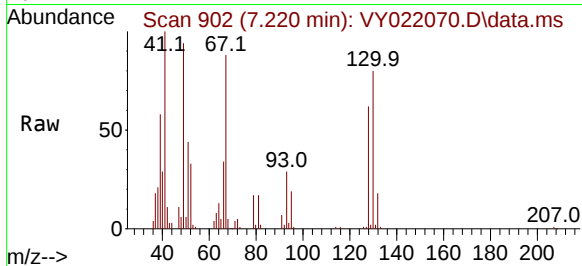




#41
Methacrylonitrile
Concen: 52.602 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

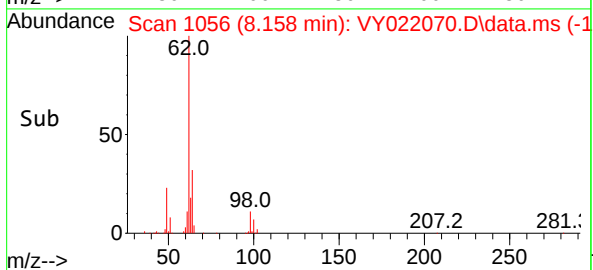
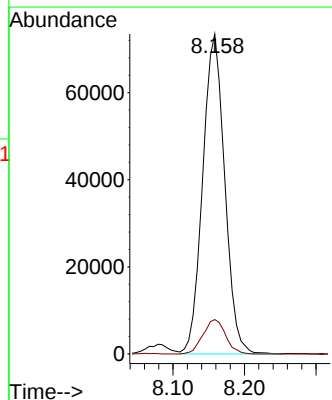
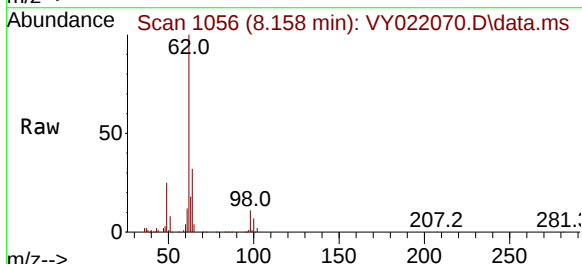
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

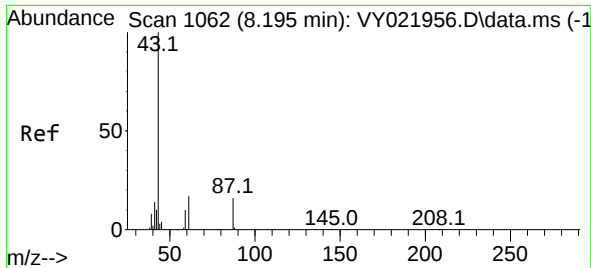
Tgt Ion: 41 Resp: 40144
Ion Ratio Lower Upper
41 100
39 55.4 36.6 55.0#
67 93.0 72.2 108.4
52 37.1 27.6 41.4



#42
1,2-Dichloroethane
Concen: 52.289 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 62 Resp: 157308
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

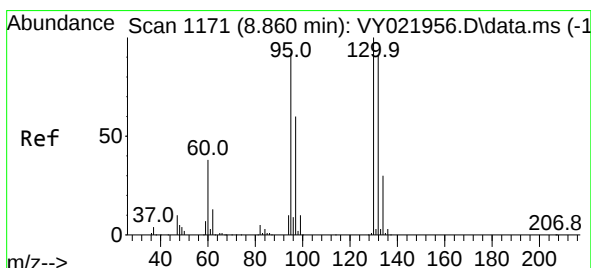
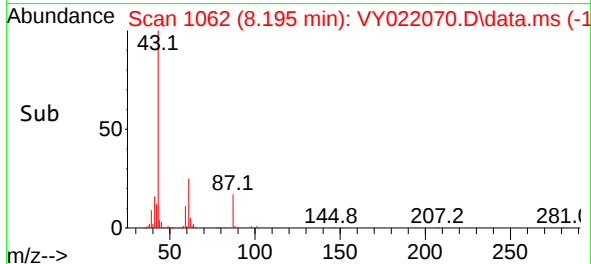
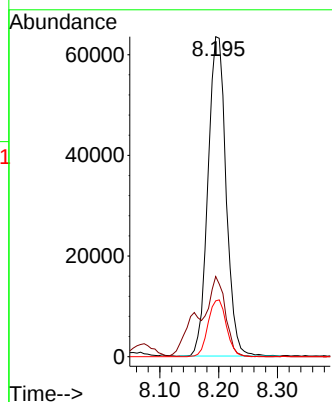
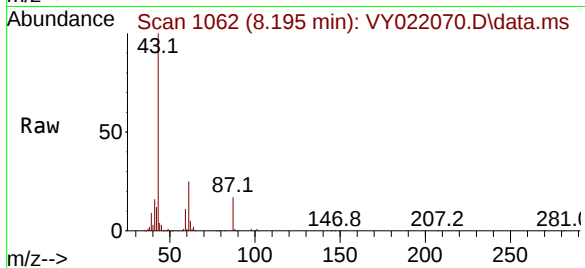




#43
Isopropyl Acetate
Concen: 50.705 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

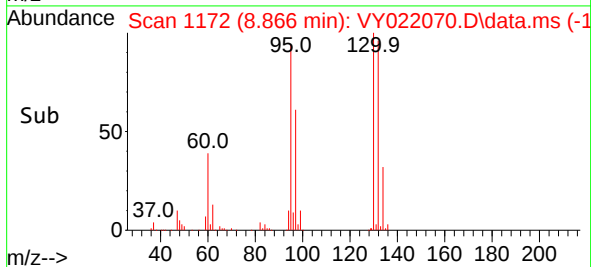
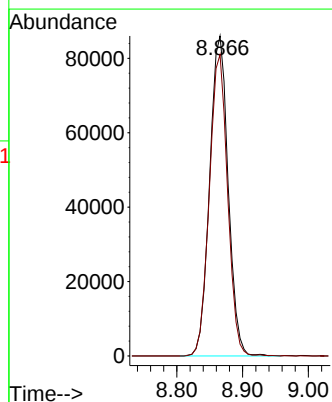
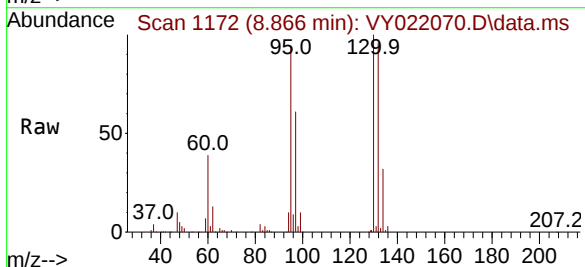
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 135943
Ion Ratio Lower Upper
43 100
61 24.1 18.9 28.3
87 18.0 13.7 20.5



#44
Trichloroethene
Concen: 50.102 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:130 Resp: 168626
Ion Ratio Lower Upper
130 100
95 94.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 52.280 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

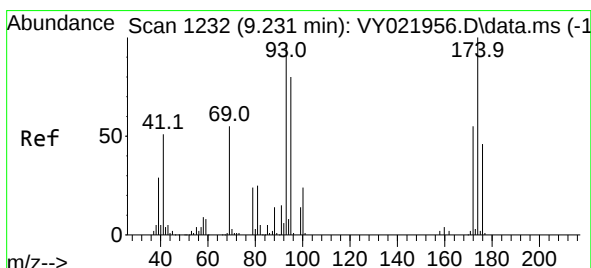
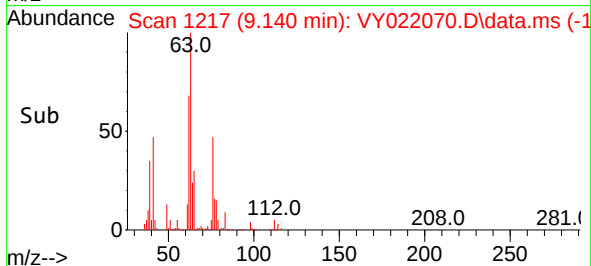
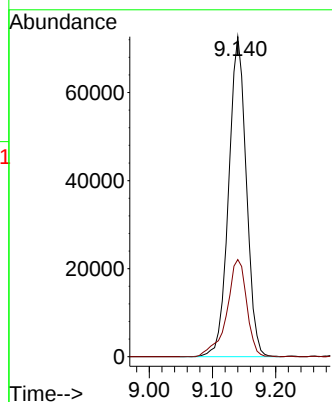
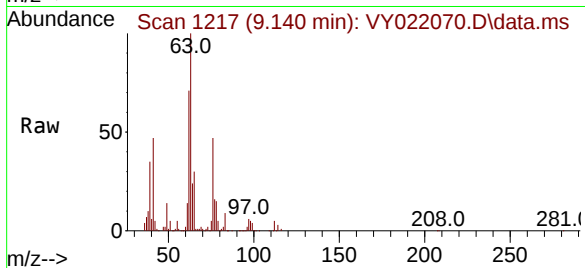
VSTDCCC050

Tgt Ion: 63 Resp: 140483

Ion Ratio Lower Upper

63 100

65 30.3 25.2 37.8



#46

Dibromomethane

Concen: 53.622 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

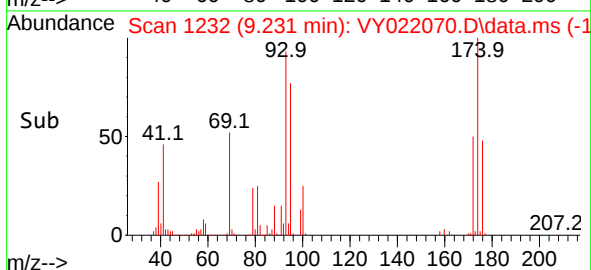
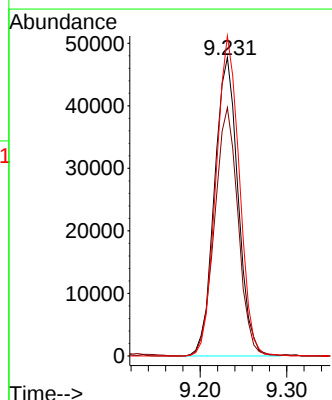
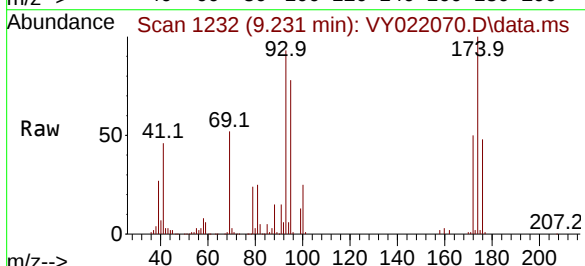
Tgt Ion: 93 Resp: 90199

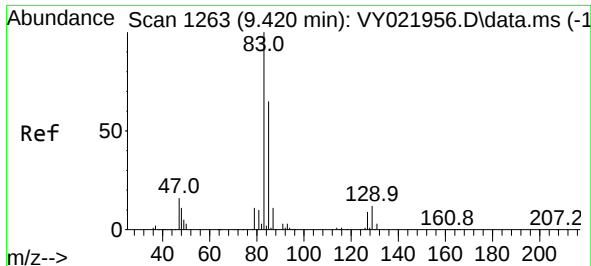
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 106.3 84.6 127.0

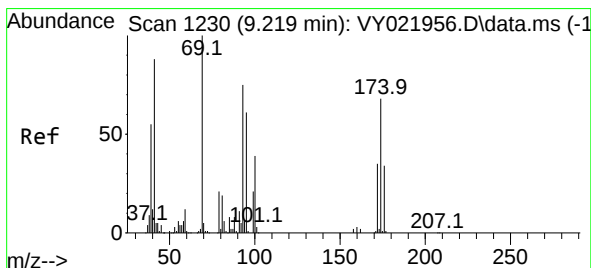
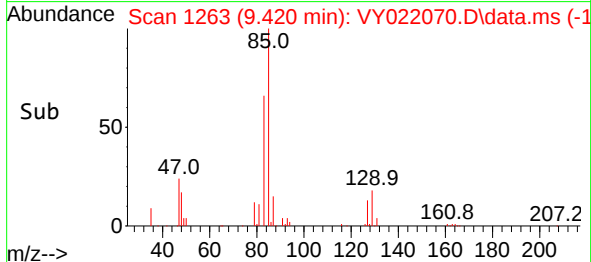
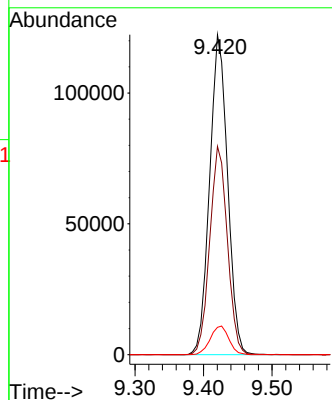
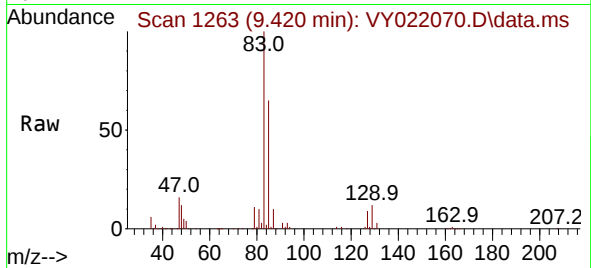




#47
Bromodichloromethane
Concen: 52.951 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

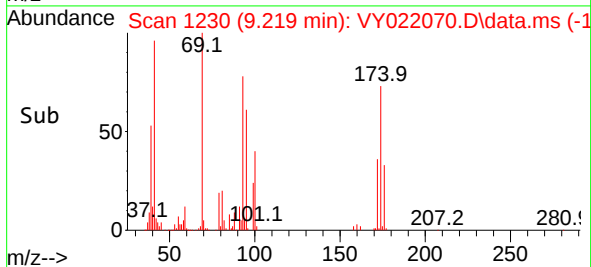
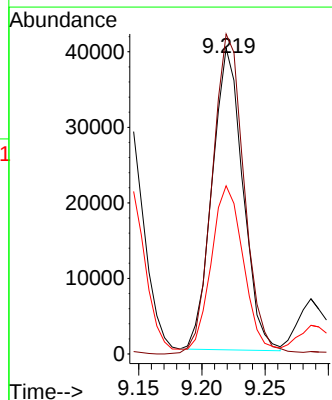
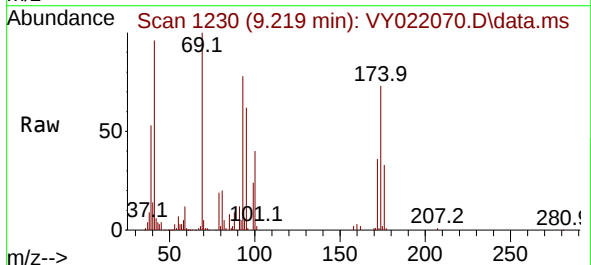
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

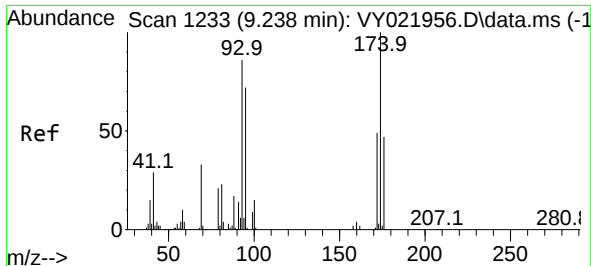
Tgt Ion: 83 Resp: 222511
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 54.519 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 41 Resp: 67571
Ion Ratio Lower Upper
41 100
69 109.9 85.5 128.3
39 55.5 46.2 69.4





#49

1,4-Dioxane

Concen: 1132.484 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

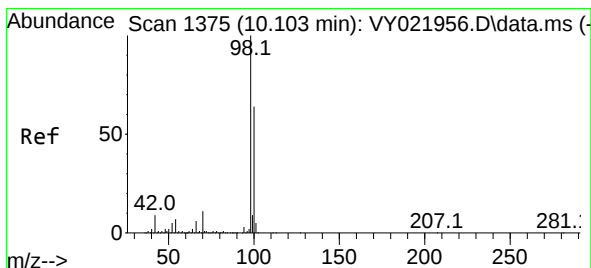
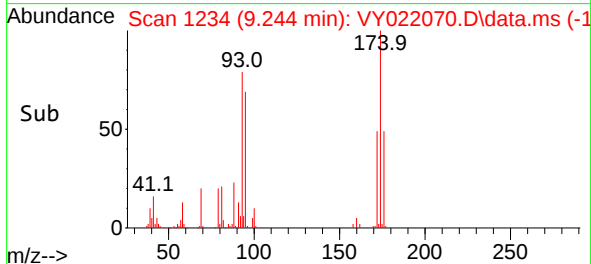
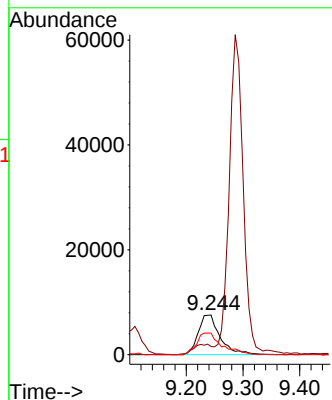
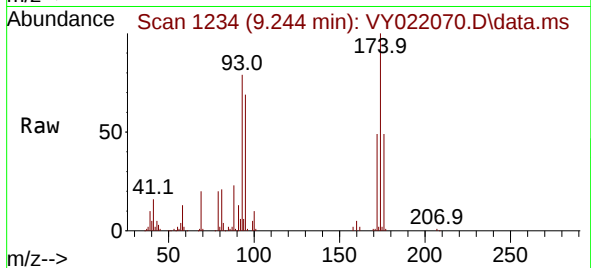
Tgt Ion: 88 Resp: 20304

Ion Ratio Lower Upper

88 100

43 23.7 21.3 31.9

58 62.4 50.5 75.7



#50

Toluene-d8

Concen: 51.302 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022070.D

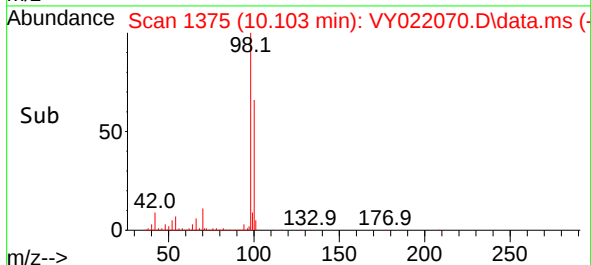
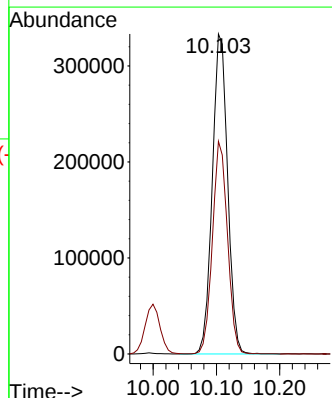
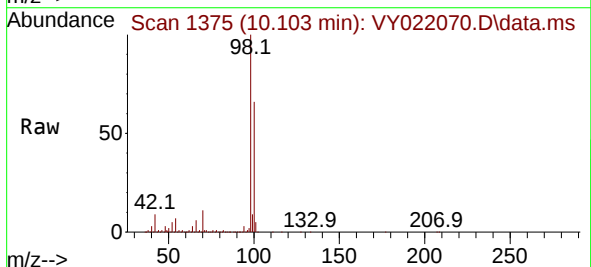
Acq: 30 Apr 2025 09:20

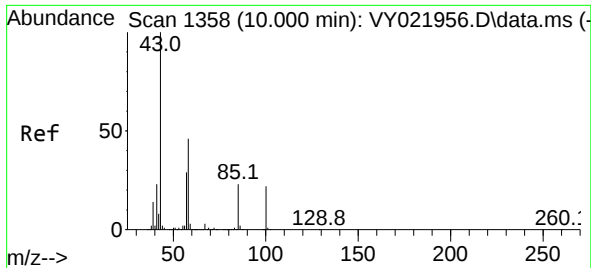
Tgt Ion: 98 Resp: 559683

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

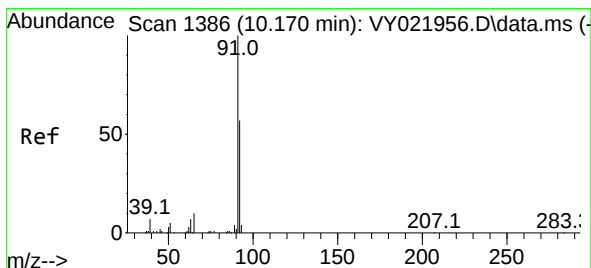
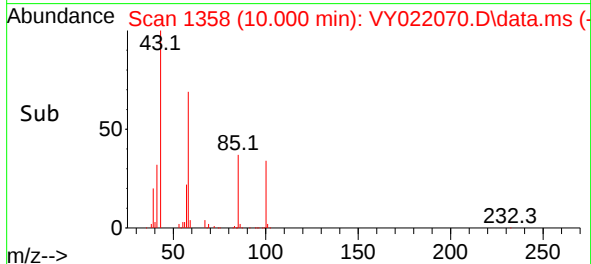
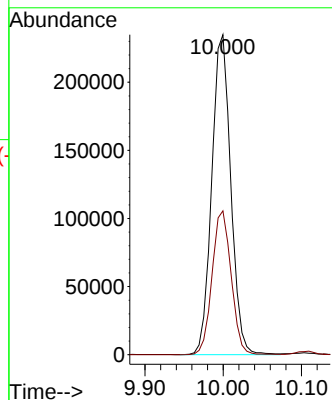
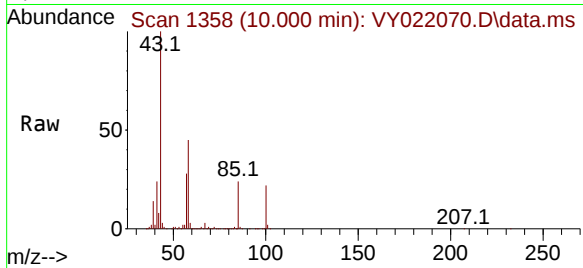




#51
4-Methyl-2-Pentanone
Concen: 282.021 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

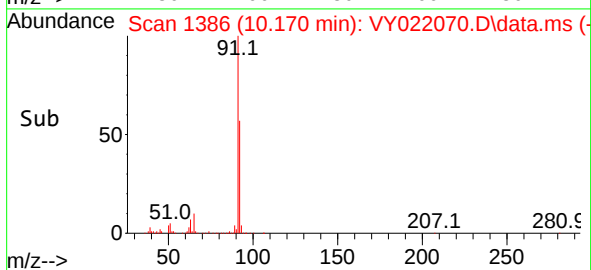
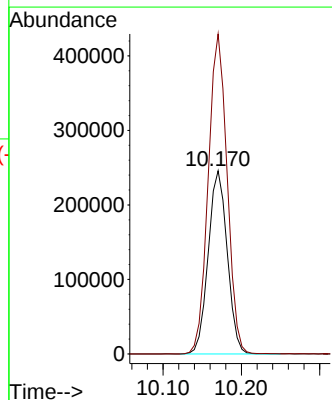
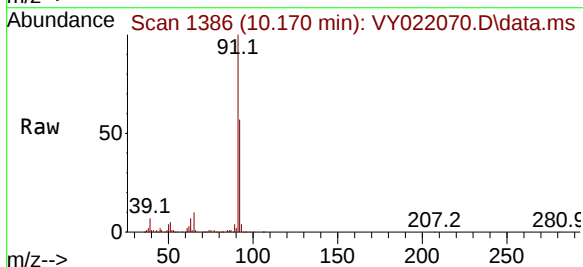
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

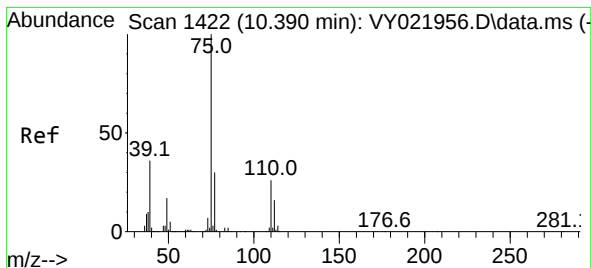
Tgt Ion: 43 Resp: 396361
Ion Ratio Lower Upper
43 100
58 45.1 36.6 55.0



#52
Toluene
Concen: 52.558 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 92 Resp: 413392
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8

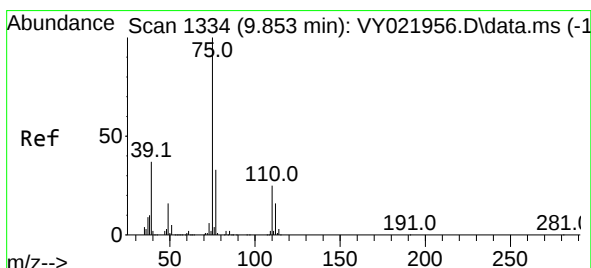
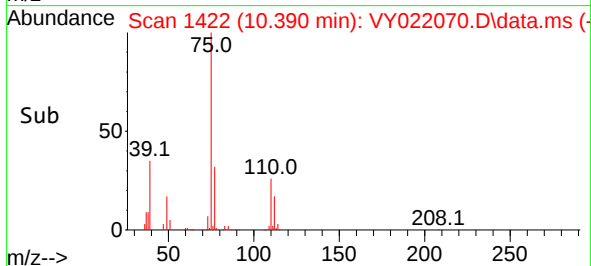
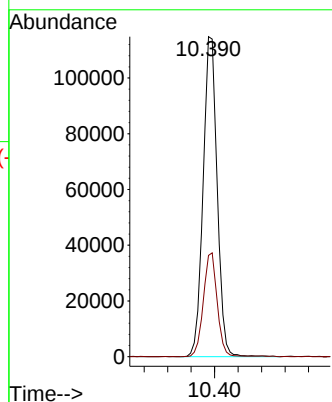
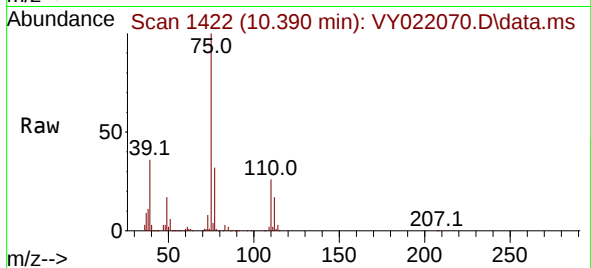




#53
t-1,3-Dichloropropene
Concen: 52.943 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

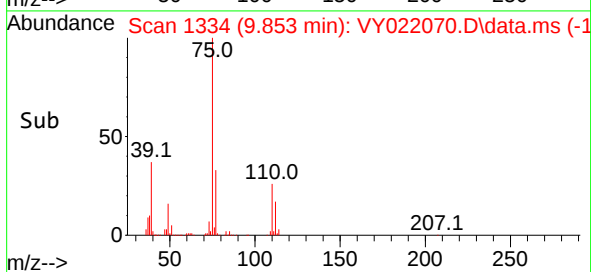
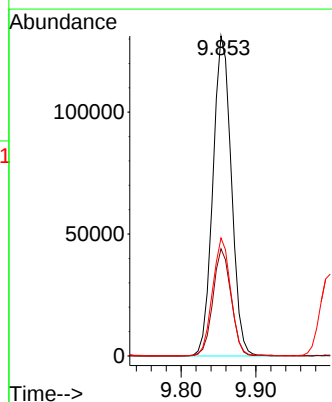
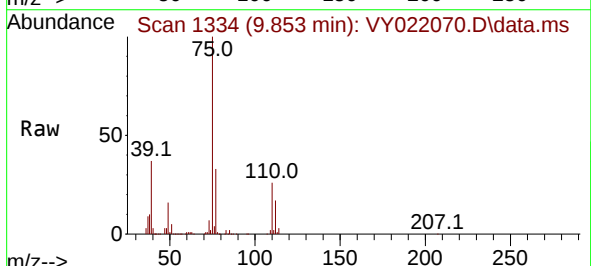
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

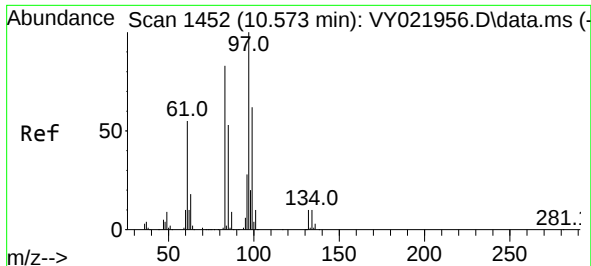
Tgt Ion: 75 Resp: 190828
Ion Ratio Lower Upper
75 100
77 31.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 52.602 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 75 Resp: 225382
Ion Ratio Lower Upper
75 100
77 33.5 26.6 40.0
39 36.8 29.6 44.4

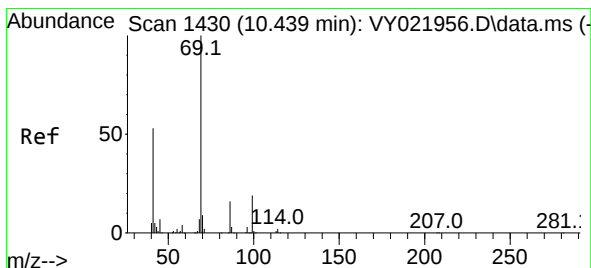
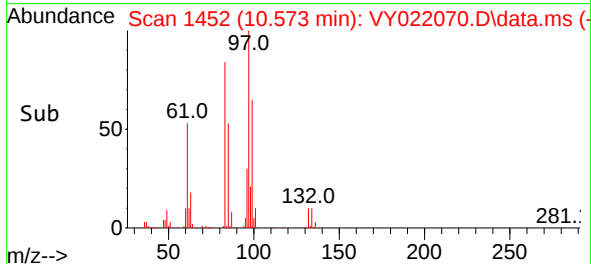
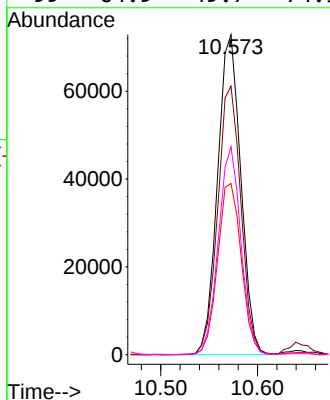
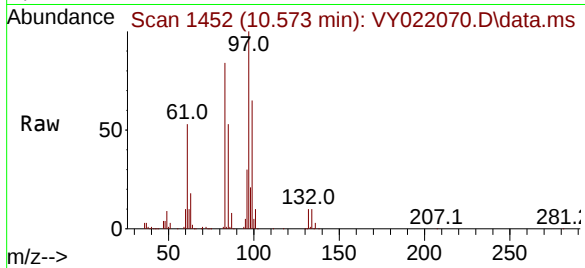




#55
1,1,2-Trichloroethane
Concen: 54.162 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

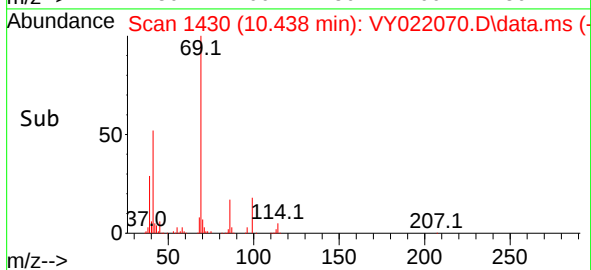
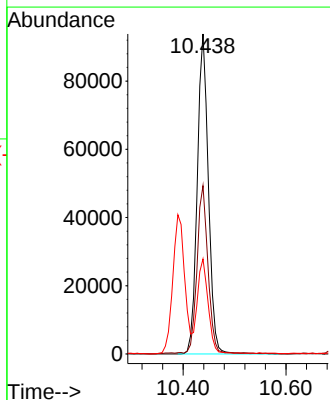
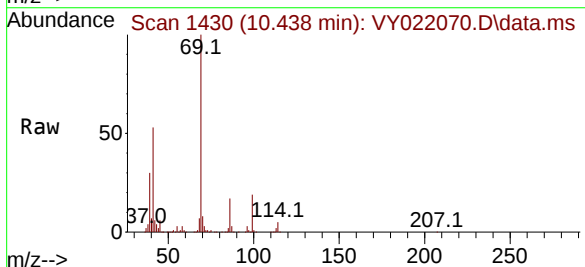
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

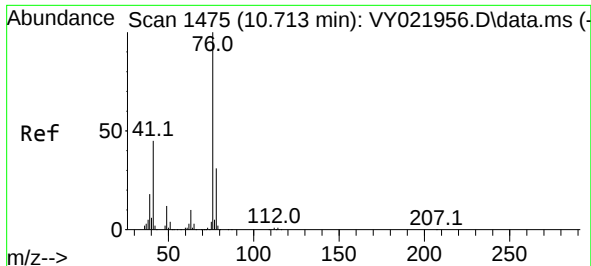
Tgt Ion:	97	Resp:	121699
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.7	100.1
85	53.5	42.6	64.0
99	64.9	49.7	74.5



#56
Ethyl methacrylate
Concen: 54.864 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:	69	Resp:	140972
Ion	Ratio	Lower	Upper
69	100		
41	52.3	40.7	61.1
39	29.0	23.3	34.9





#57

1,3-Dichloropropane

Concen: 53.116 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

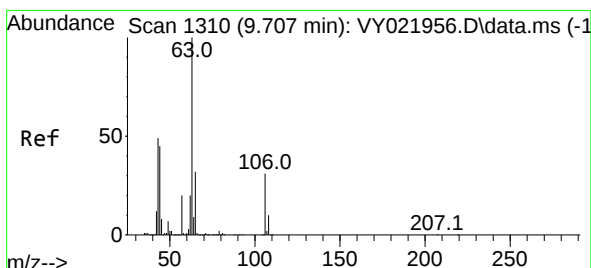
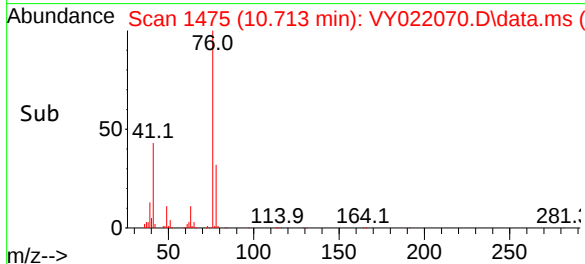
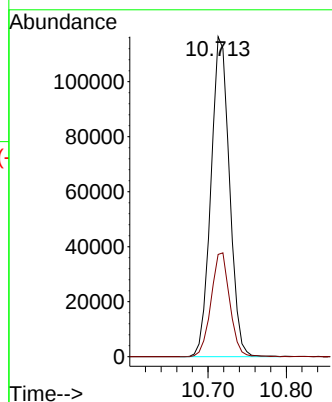
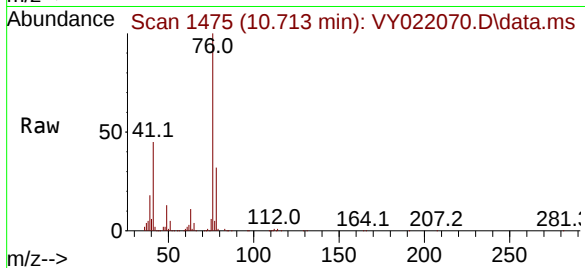
VSTDCCC050

Tgt Ion: 76 Resp: 191332

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 284.170 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022070.D

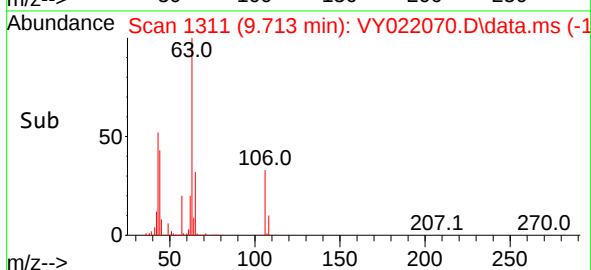
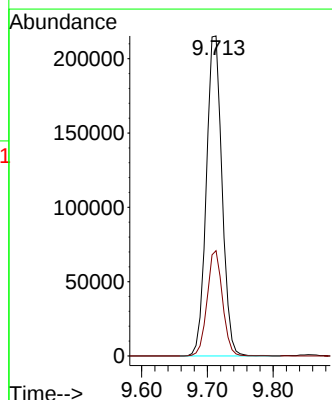
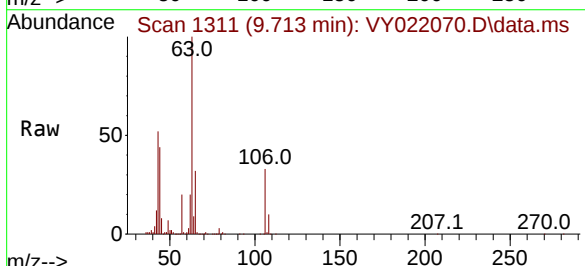
Acq: 30 Apr 2025 09:20

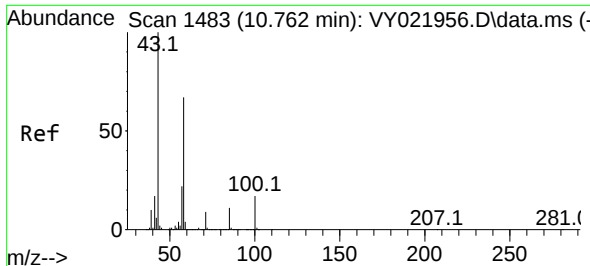
Tgt Ion: 63 Resp: 357006

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9

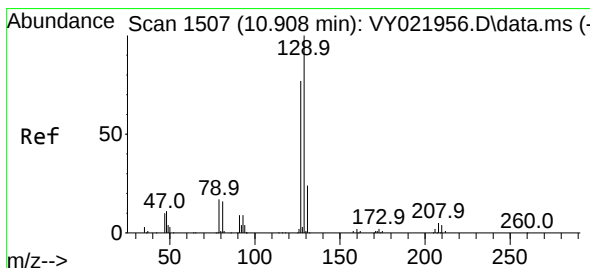
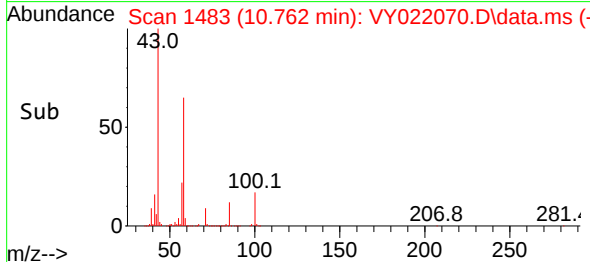
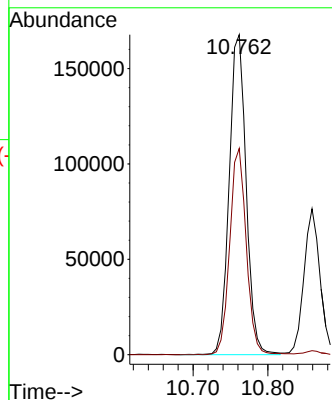
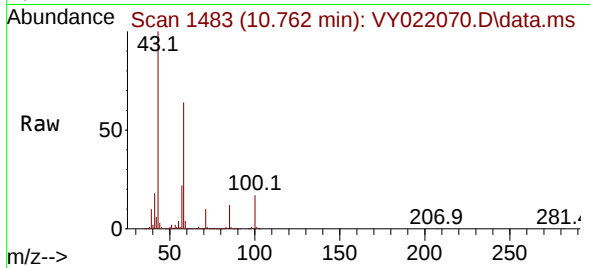




#59
2-Hexanone
Concen: 285.628 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

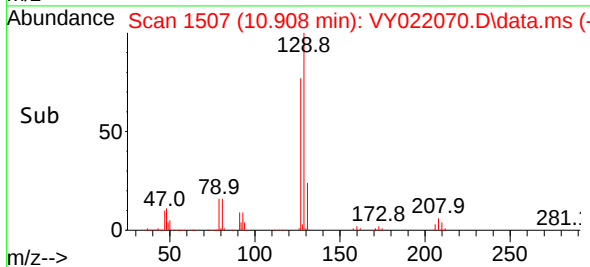
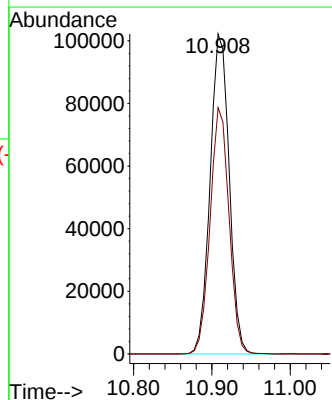
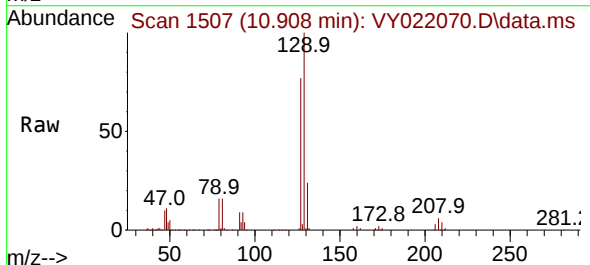
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

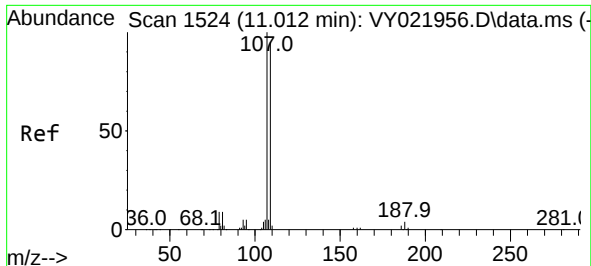
Tgt Ion: 43 Resp: 264777
Ion Ratio Lower Upper
43 100
58 63.0 32.0 96.0



#60
Dibromochloromethane
Concen: 55.529 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:129 Resp: 172741
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3

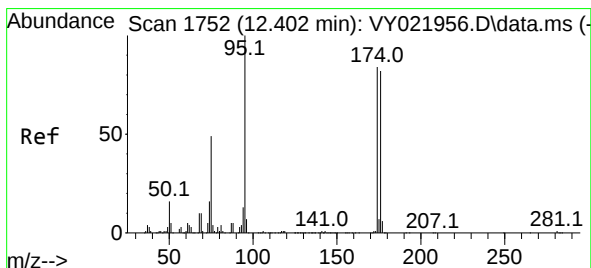
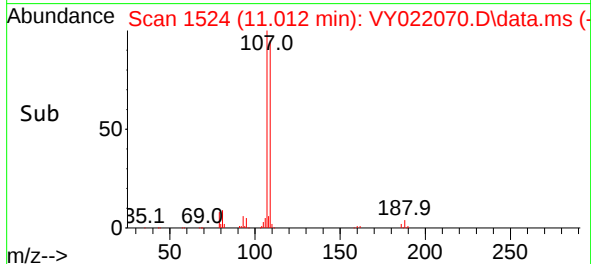
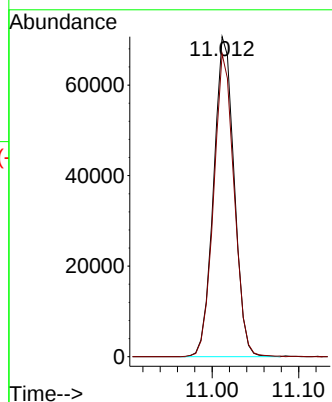
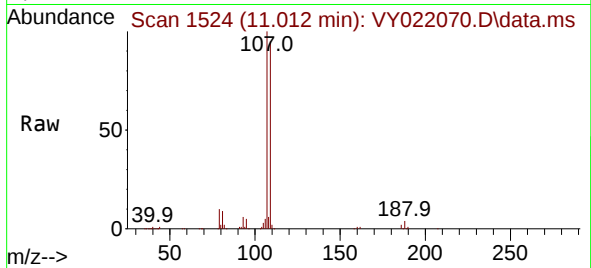




#61
1,2-Dibromoethane
Concen: 54.866 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

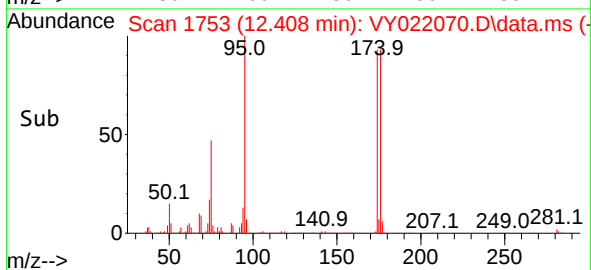
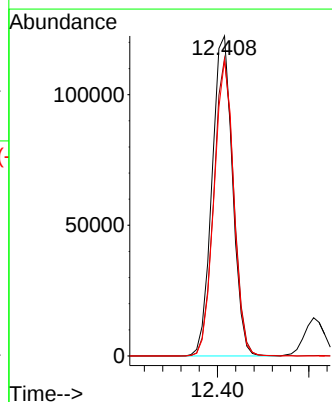
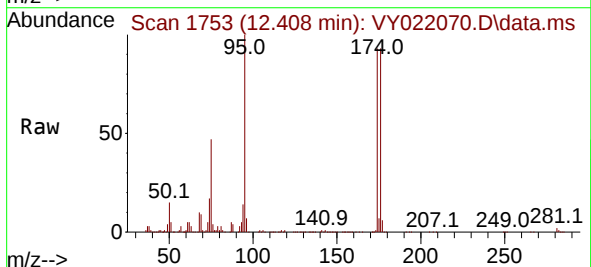
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

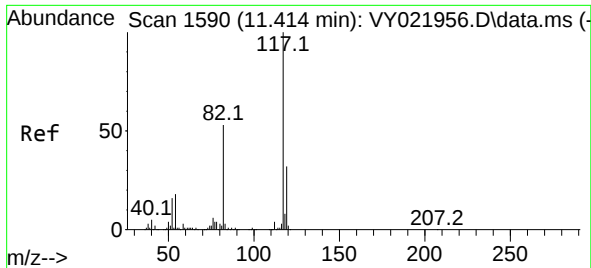
Tgt Ion:107 Resp: 116385
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.957 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 95 Resp: 190816
Ion Ratio Lower Upper
95 100
174 90.6 0.0 179.0
176 88.6 0.0 171.8

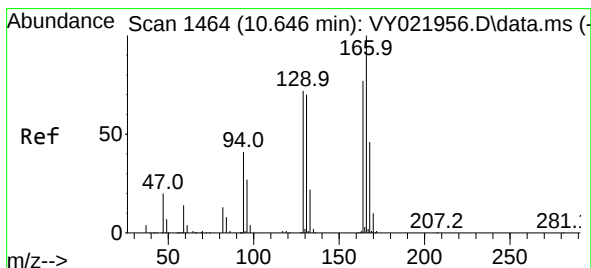
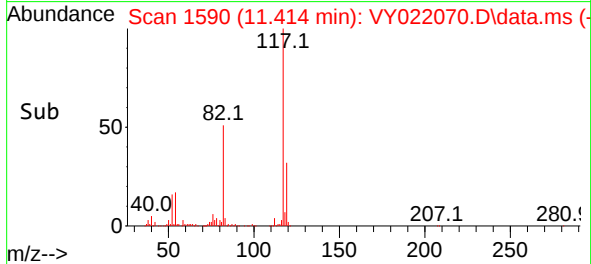
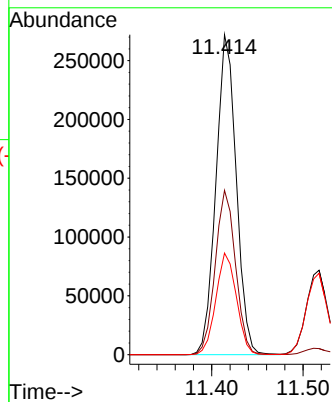
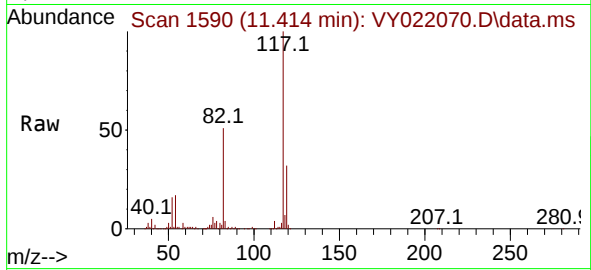




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

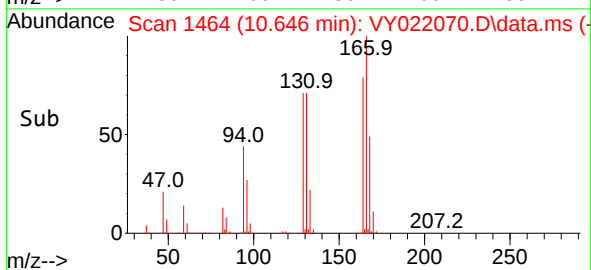
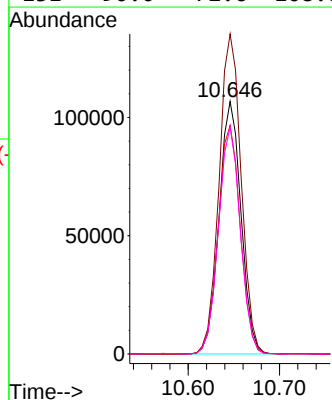
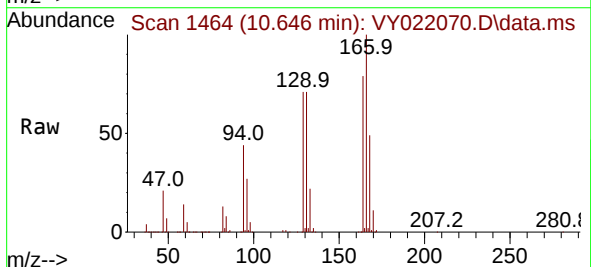
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 420486
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 44.986 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:164 Resp: 178447
Ion Ratio Lower Upper
164 100
166 126.7 103.6 155.4
129 90.6 74.2 111.4
131 90.0 72.6 108.8





#65

Chlorobenzene

Concen: 50.303 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

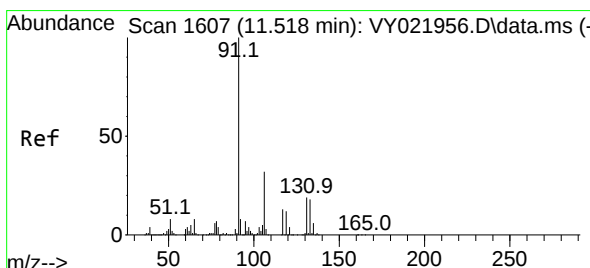
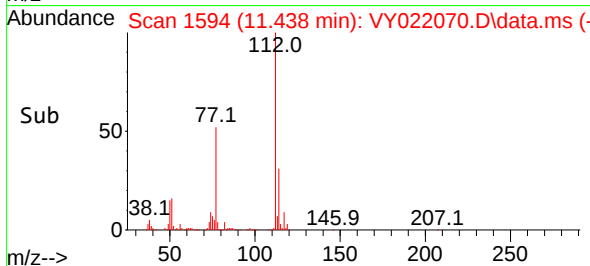
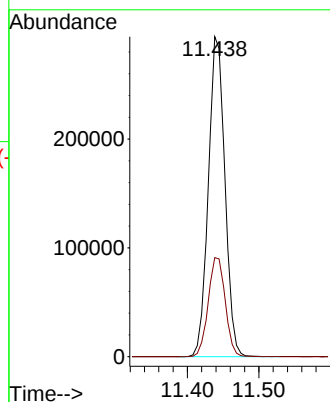
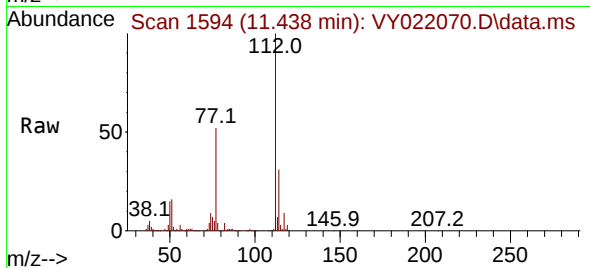
VSTDCCC050

Tgt Ion:112 Resp: 473007

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.798 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

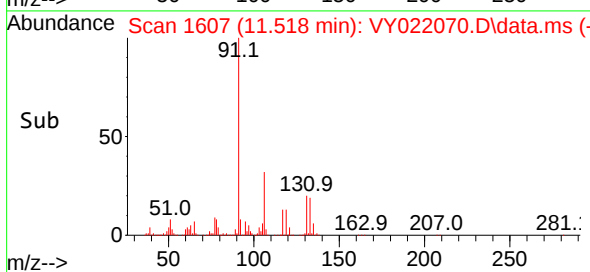
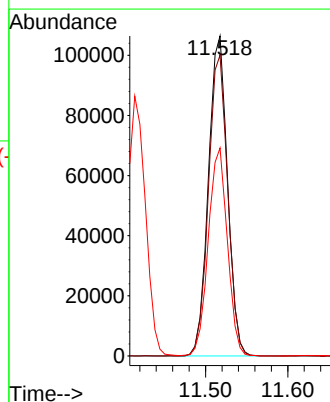
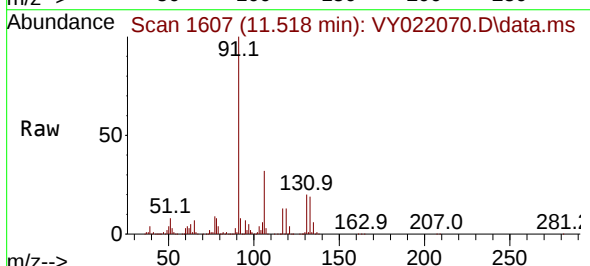
Tgt Ion:131 Resp: 171474

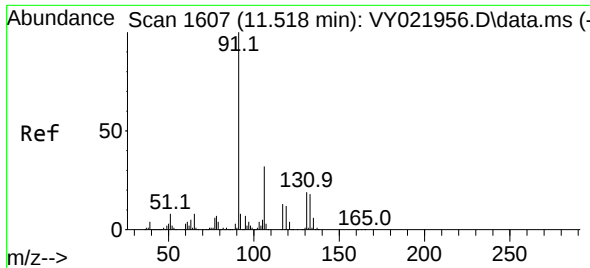
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

119 65.1 32.4 97.0

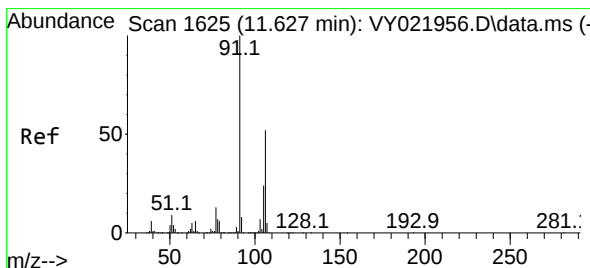
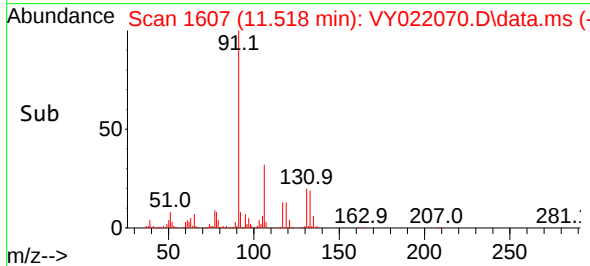
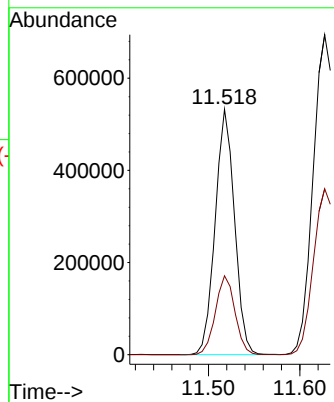
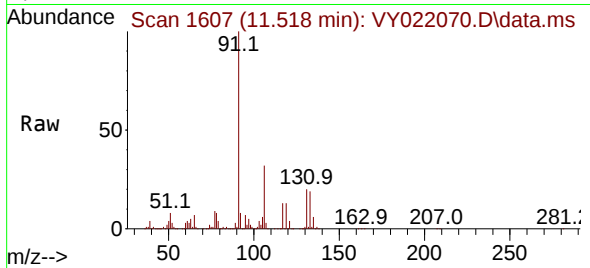




#67
Ethyl Benzene
Concen: 50.916 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

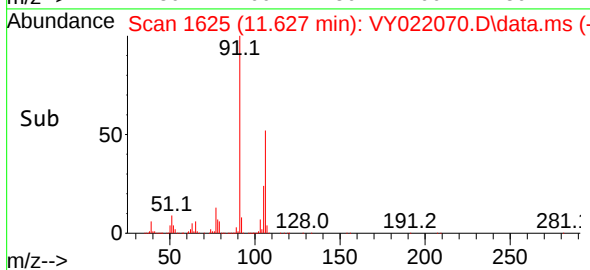
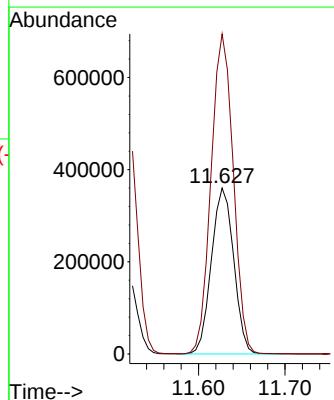
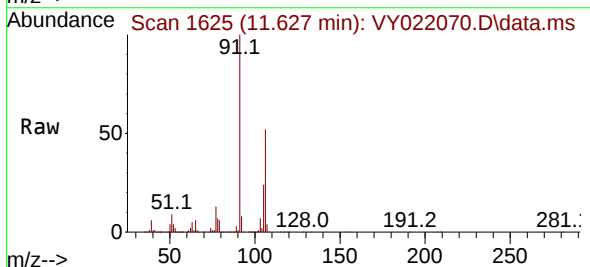
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

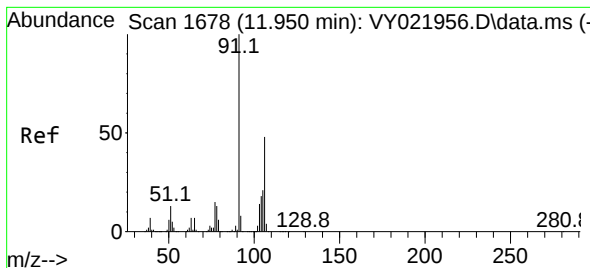
Tgt Ion: 91 Resp: 783192
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 105.256 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:106 Resp: 644255
Ion Ratio Lower Upper
106 100
91 192.1 156.2 234.2





#69

o-Xylene

Concen: 52.408 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

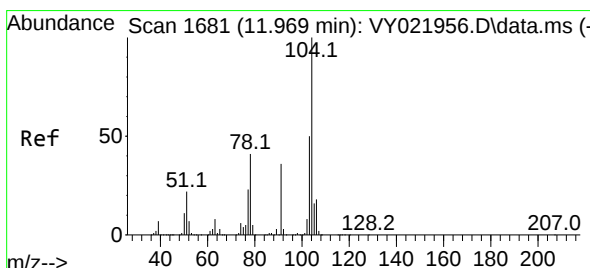
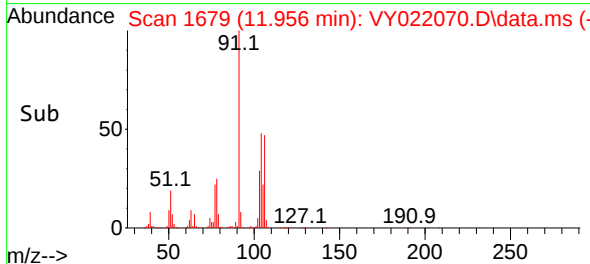
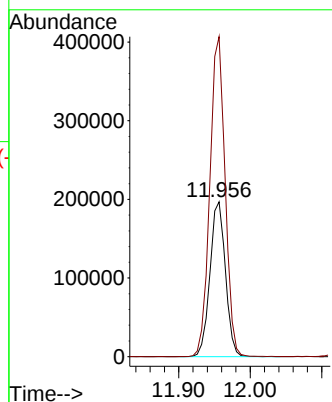
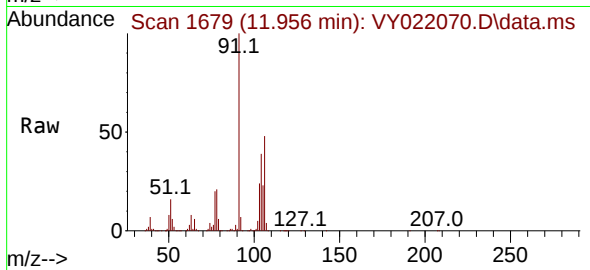
VSTDCCC050

Tgt Ion:106 Resp: 295659

Ion Ratio Lower Upper

106 100

91 204.3 103.0 308.9



#70

Styrene

Concen: 53.858 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

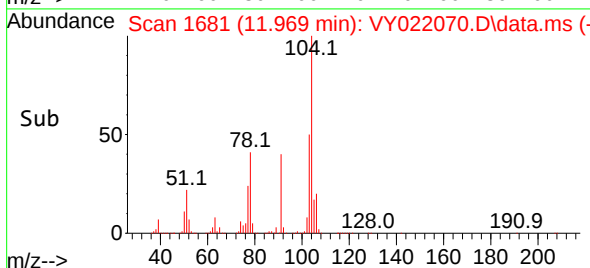
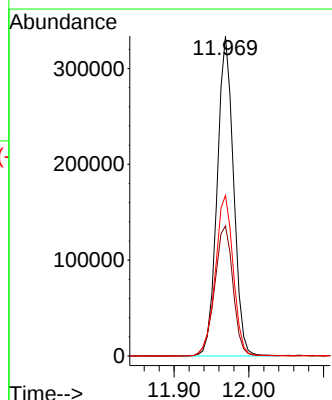
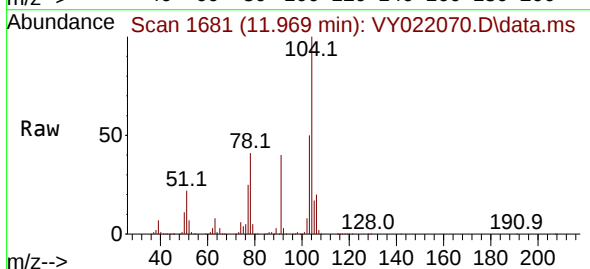
Tgt Ion:104 Resp: 510156

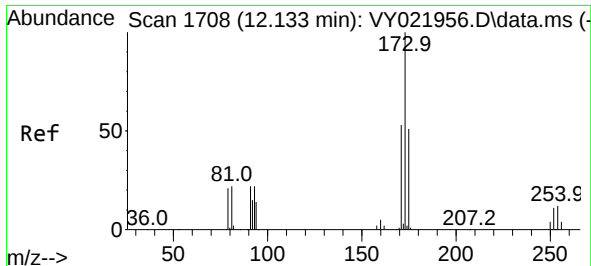
Ion Ratio Lower Upper

104 100

78 45.4 36.6 54.8

103 54.9 43.8 65.8

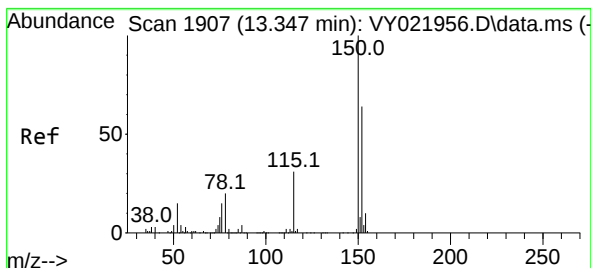
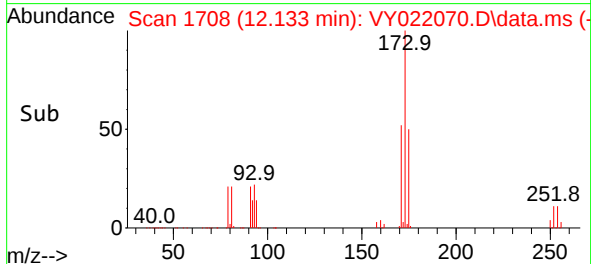
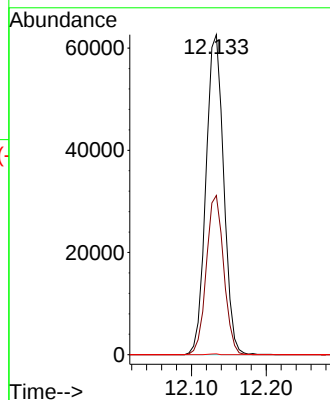
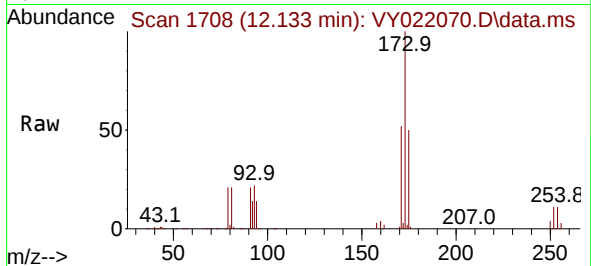




#71
Bromoform
Concen: 53.605 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

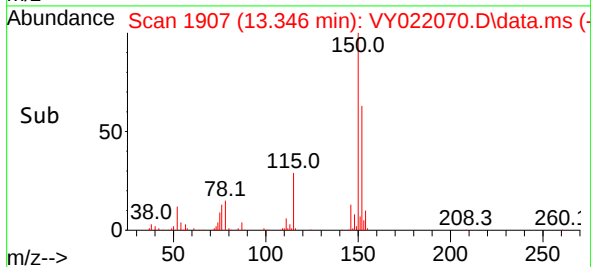
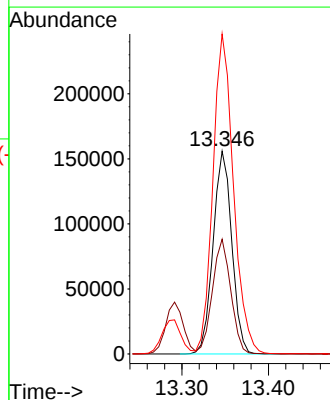
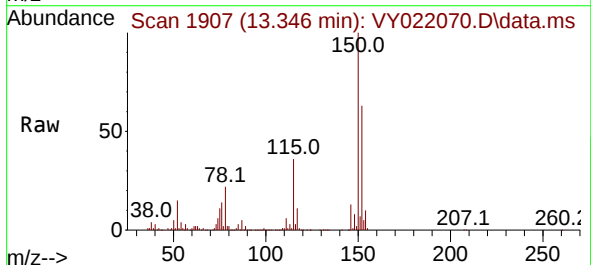
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

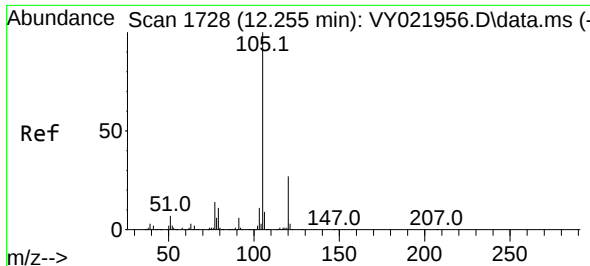
Tgt Ion:173 Resp: 103171
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:152 Resp: 233640
Ion Ratio Lower Upper
152 100
115 55.7 28.0 84.0
150 173.1 0.0 345.6

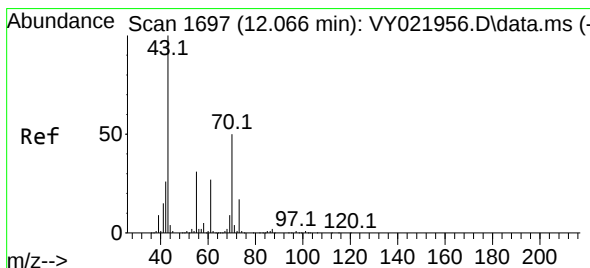
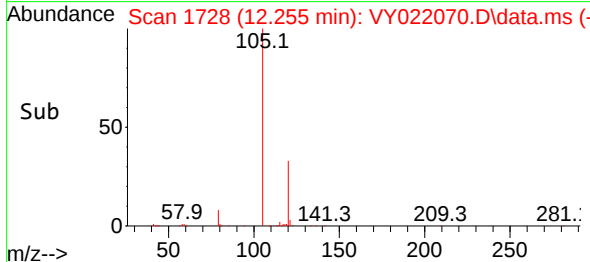
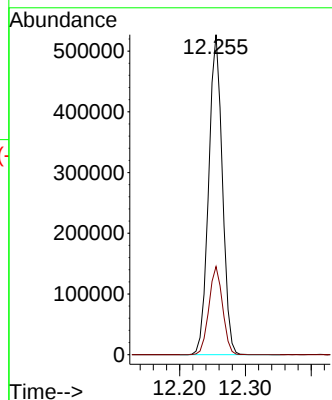
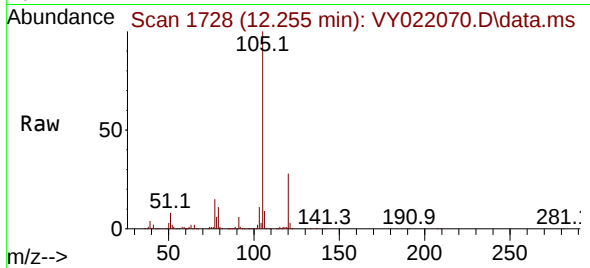




#73
Isopropylbenzene
Concen: 48.826 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

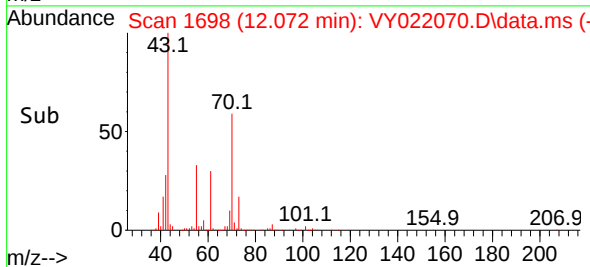
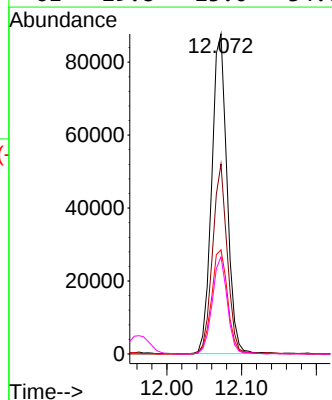
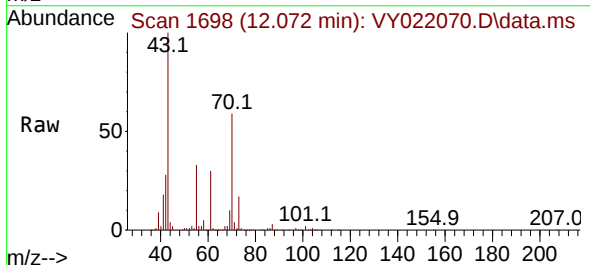
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

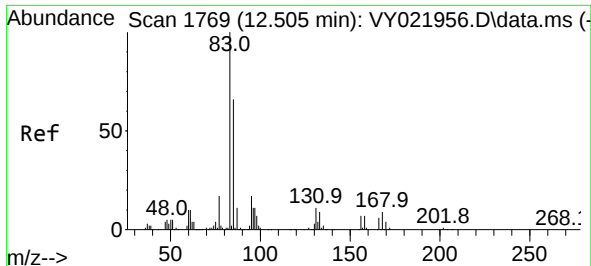
Tgt Ion:105 Resp: 762153
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.5



#74
N-ethyl acetate
Concen: 46.530 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 43 Resp: 124788
Ion Ratio Lower Upper
43 100
70 57.0 43.2 64.8
55 34.4 25.7 38.5
61 29.8 23.0 34.6

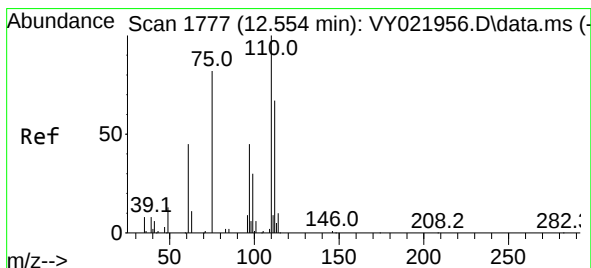
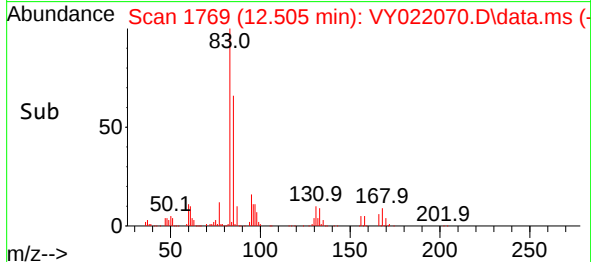
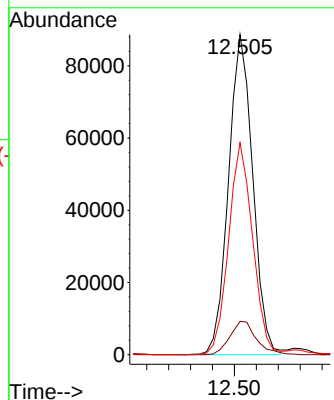
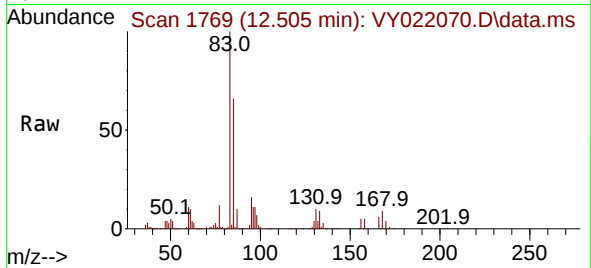




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.775 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

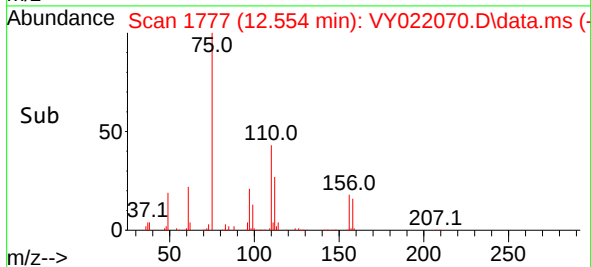
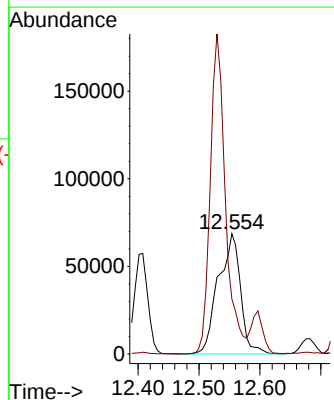
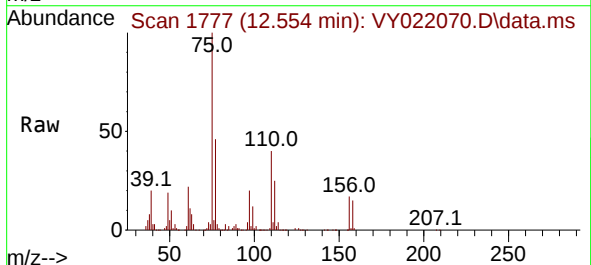
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

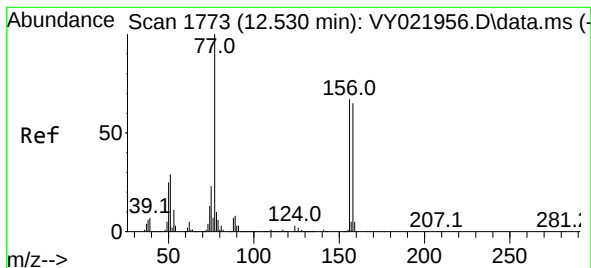
Tgt Ion: 83 Resp: 136259
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.5 16.4
 85 65.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 86.890 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

Tgt Ion: 75 Resp: 173888
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.414 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

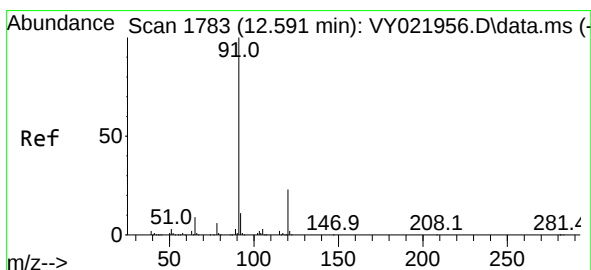
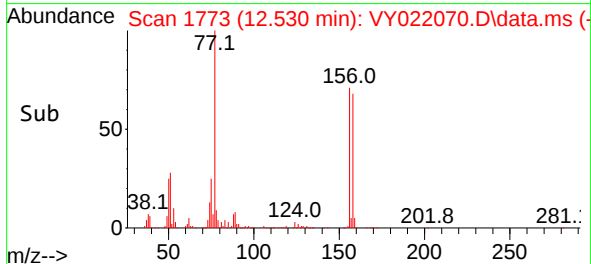
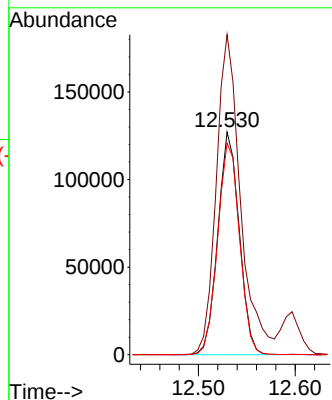
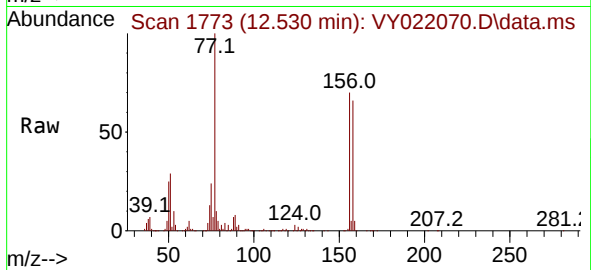
Tgt Ion:156 Resp: 194904

Ion Ratio Lower Upper

156 100

77 163.2 82.7 248.1

158 97.1 48.1 144.4



#78

n-propylbenzene

Concen: 49.435 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022070.D

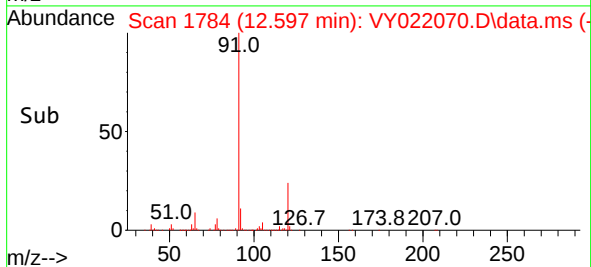
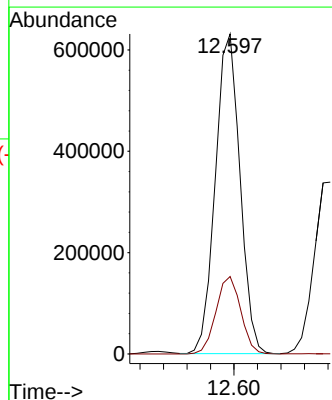
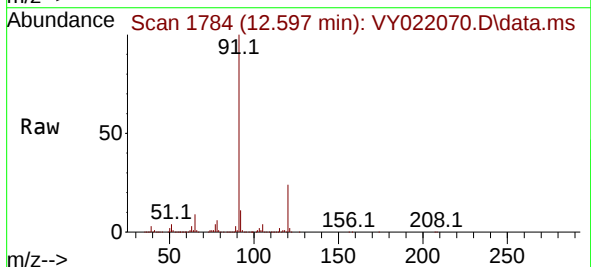
Acq: 30 Apr 2025 09:20

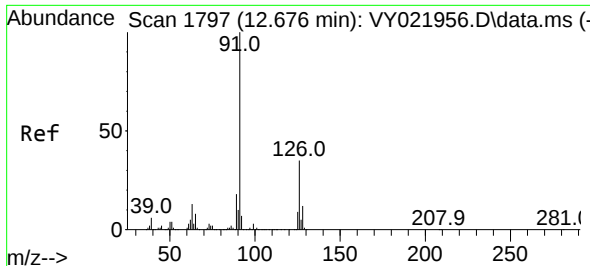
Tgt Ion: 91 Resp: 918969

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5

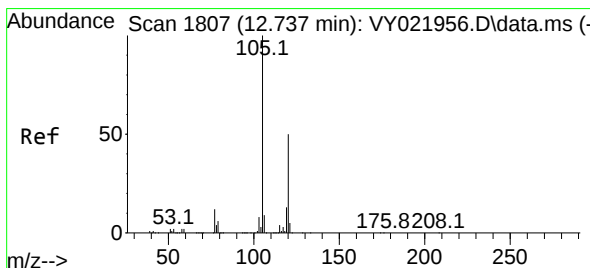
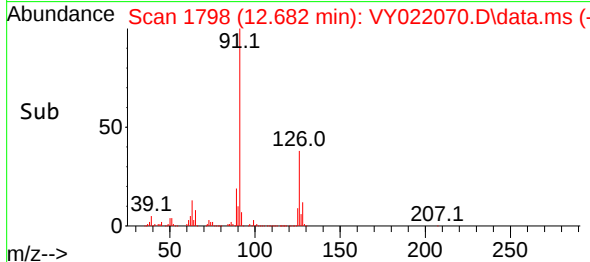
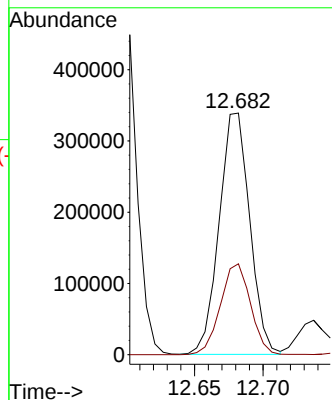
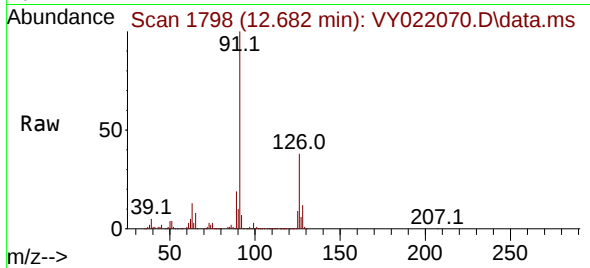




#79
2-Chlorotoluene
Concen: 48.782 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

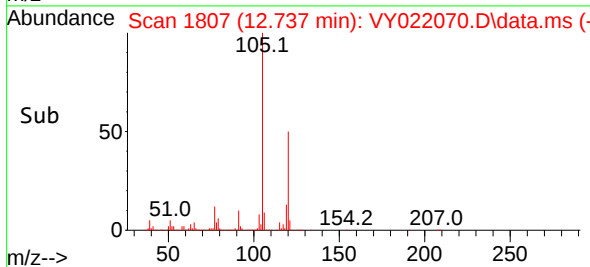
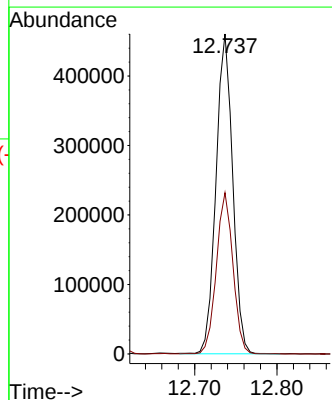
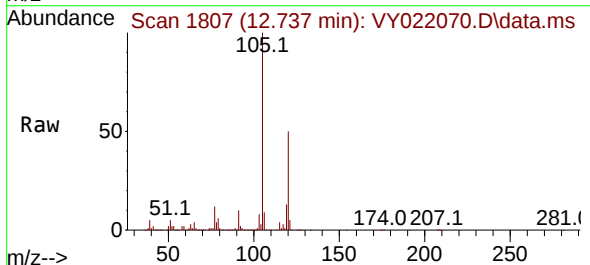
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

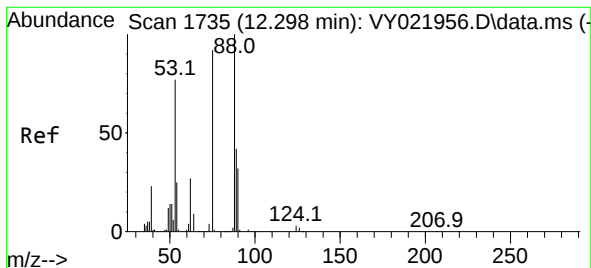
Tgt Ion: 91 Resp: 527372
Ion Ratio Lower Upper
91 100
126 37.0 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 50.473 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 105 Resp: 649159
Ion Ratio Lower Upper
105 100
120 50.3 25.0 75.0

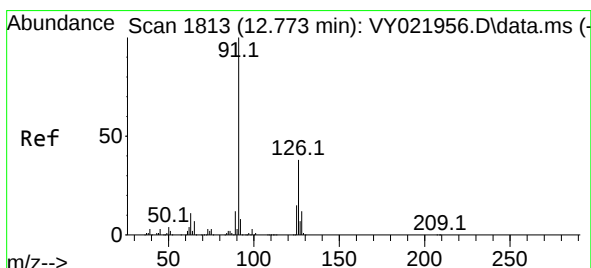
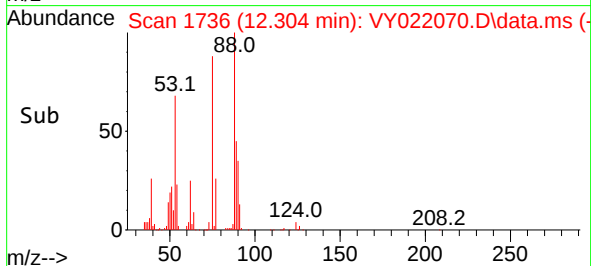
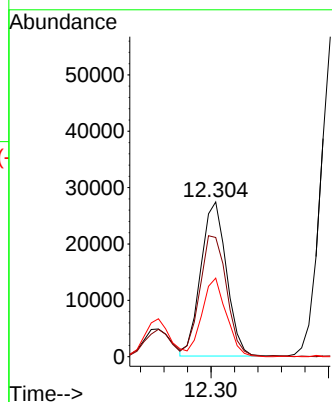
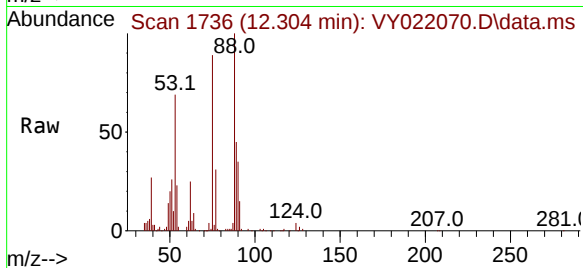




#81
trans-1,4-Dichloro-2-butene
Concen: 49.837 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

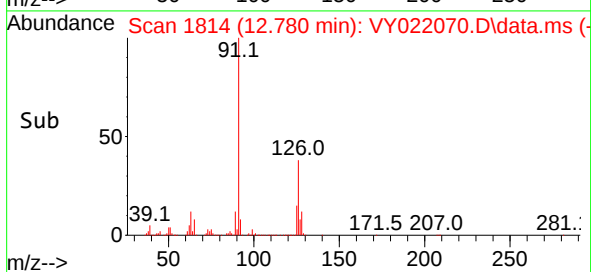
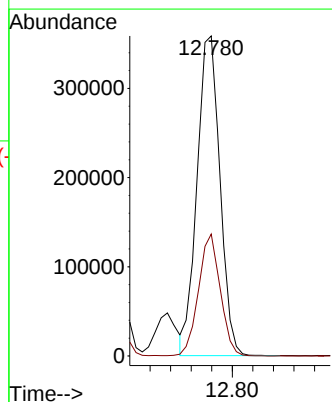
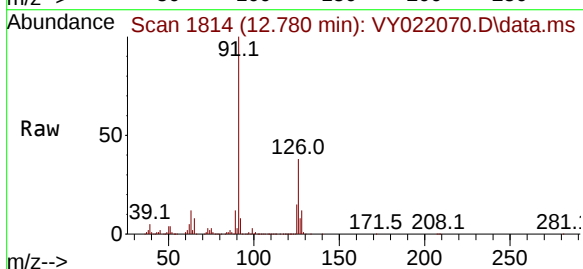
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

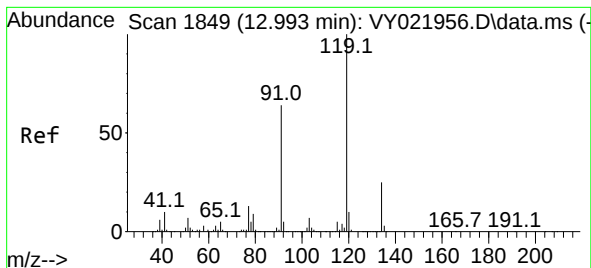
Tgt Ion: 75 Resp: 41416
Ion Ratio Lower Upper
75 100
53 81.7 66.0 99.0
89 48.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.467 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 91 Resp: 555914
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 50.602 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

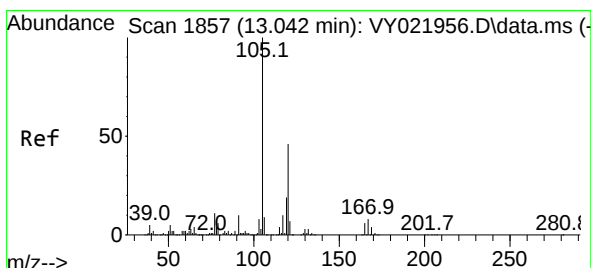
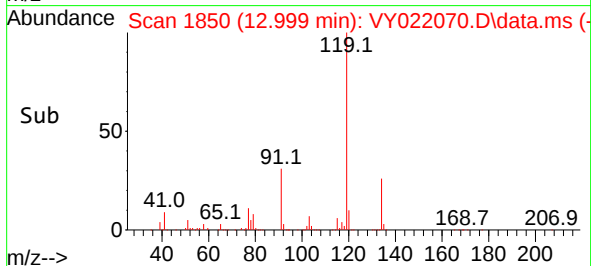
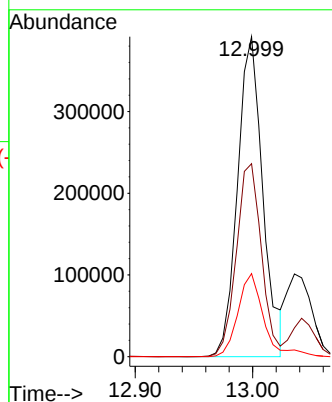
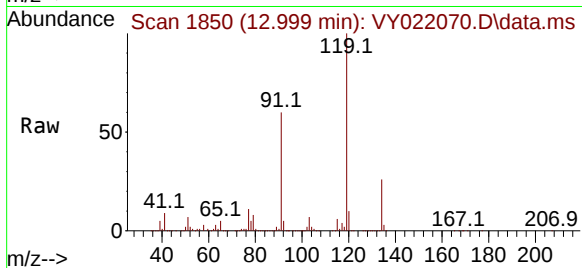
Tgt Ion:119 Resp: 583678

Ion Ratio Lower Upper

119 100

91 60.1 30.3 90.9

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 51.523 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022070.D

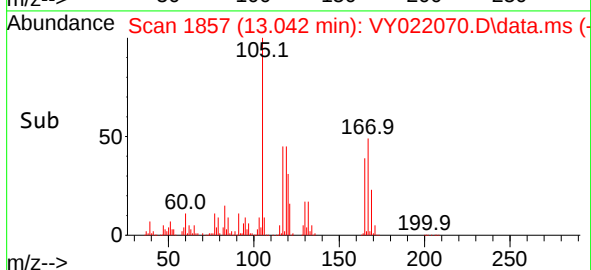
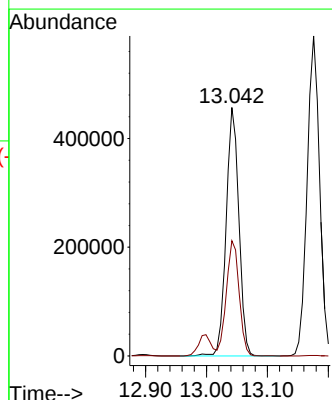
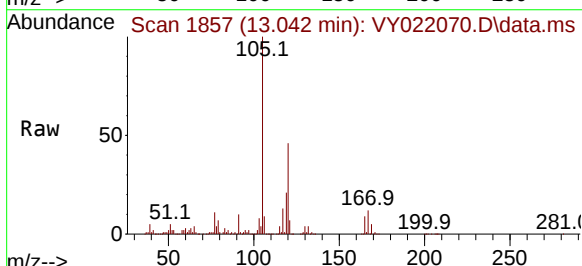
Acq: 30 Apr 2025 09:20

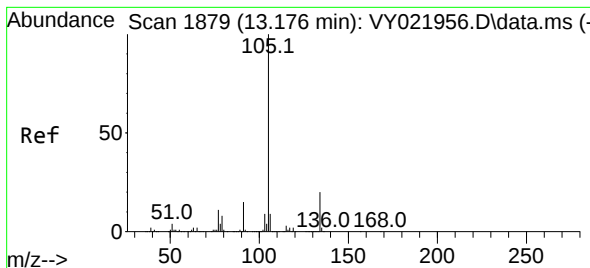
Tgt Ion:105 Resp: 662815

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.583 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

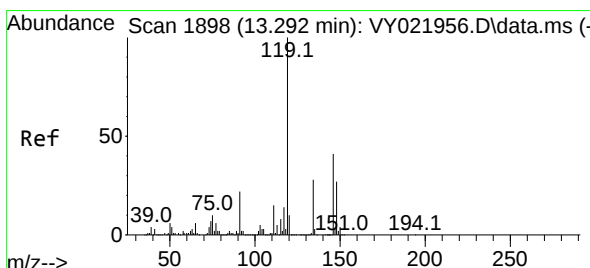
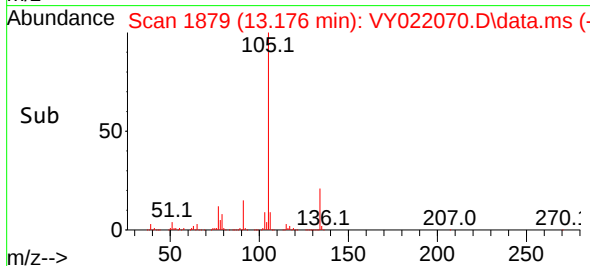
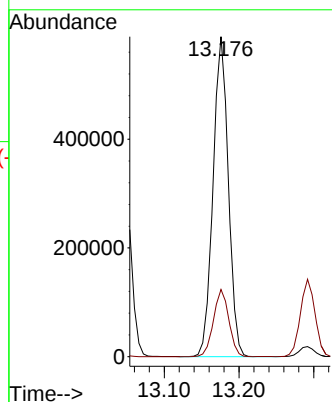
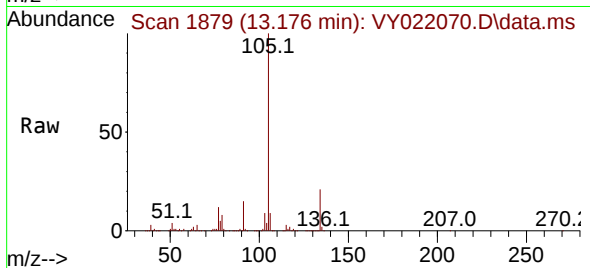
VSTDCCC050

Tgt Ion:105 Resp: 836912

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 50.332 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

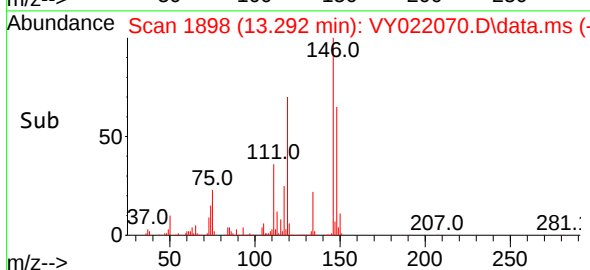
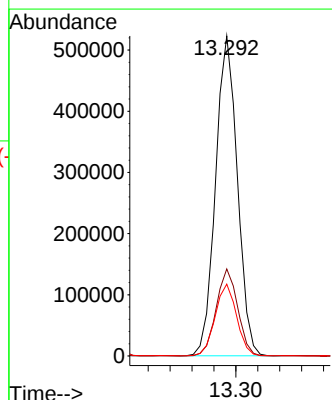
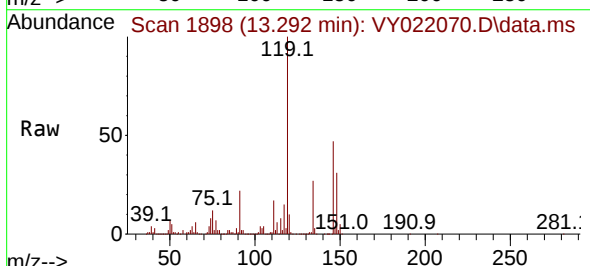
Tgt Ion:119 Resp: 721392

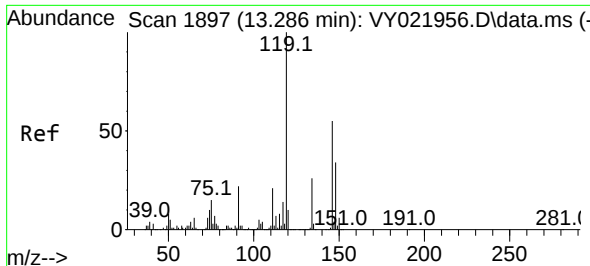
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.1 11.0 33.0

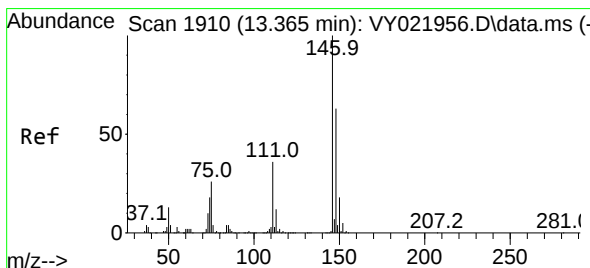
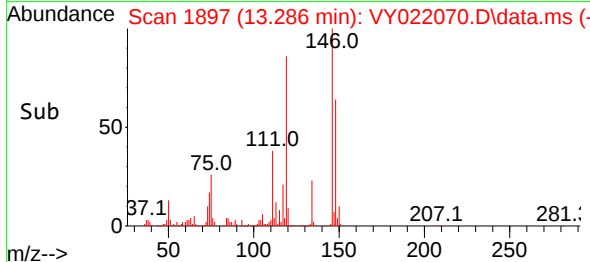
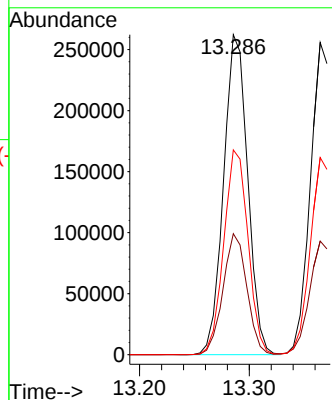
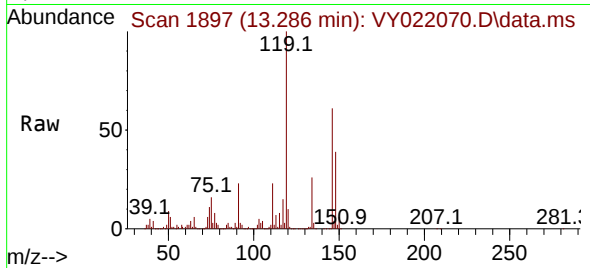




#87
 1,3-Dichlorobenzene
 Concen: 49.973 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

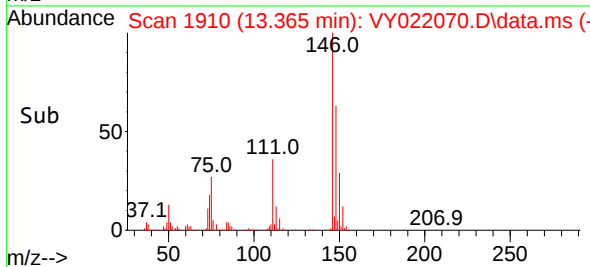
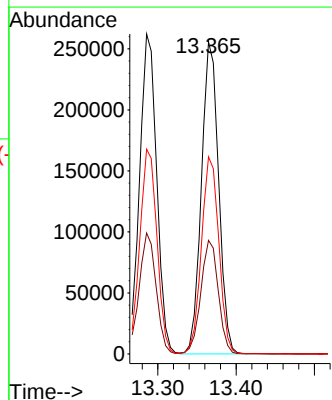
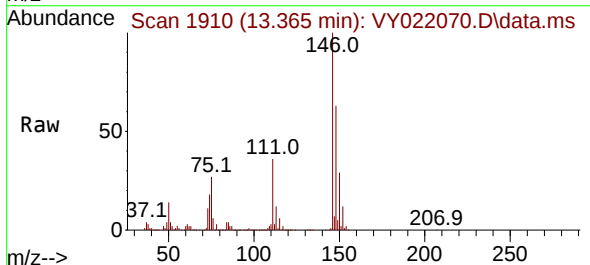
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

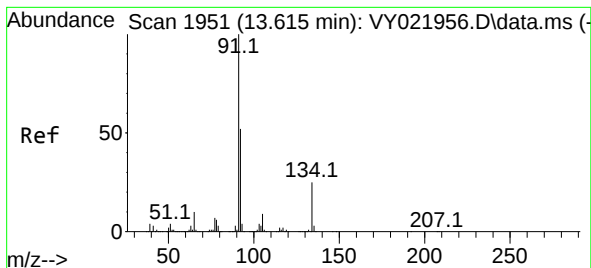
Tgt Ion:146 Resp: 400335
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.5
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.057 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022070.D
 Acq: 30 Apr 2025 09:20

Tgt Ion:146 Resp: 389223
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.2 57.6
 148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 49.300 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

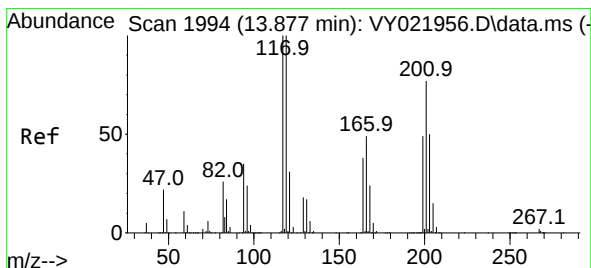
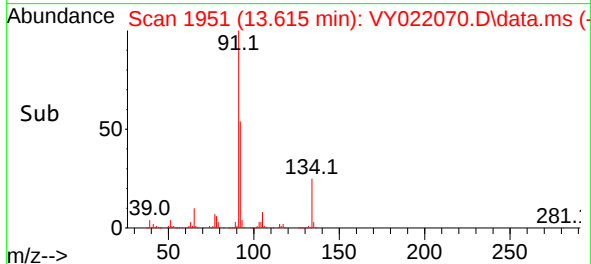
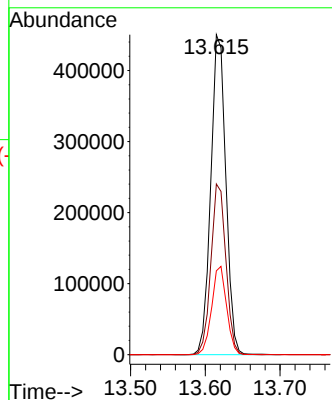
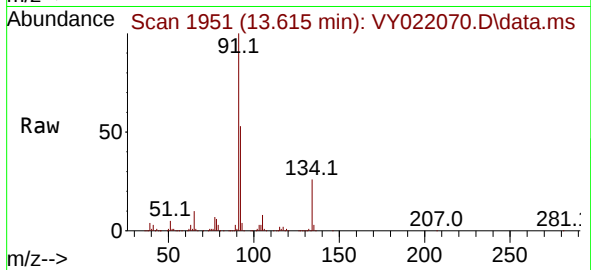
Tgt Ion: 91 Resp: 631593

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 27.3 13.4 40.1



#90

Hexachloroethane

Concen: 48.750 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022070.D

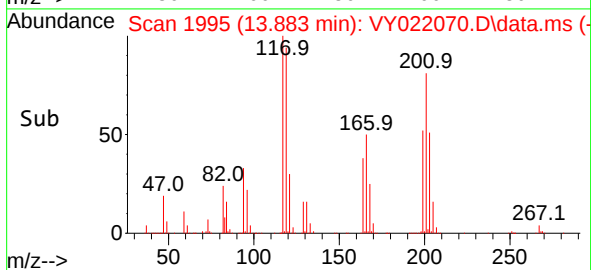
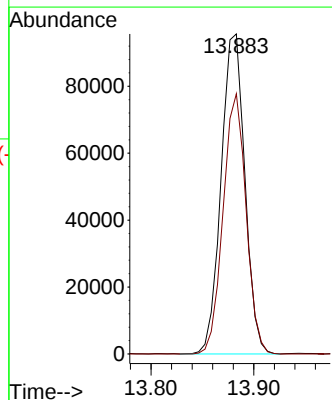
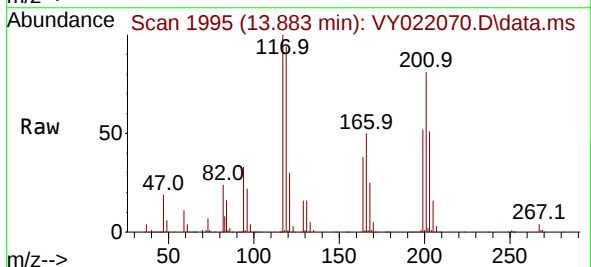
Acq: 30 Apr 2025 09:20

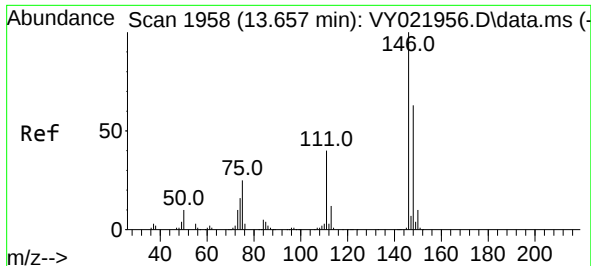
Tgt Ion: 117 Resp: 153517

Ion Ratio Lower Upper

117 100

201 78.4 38.7 116.1

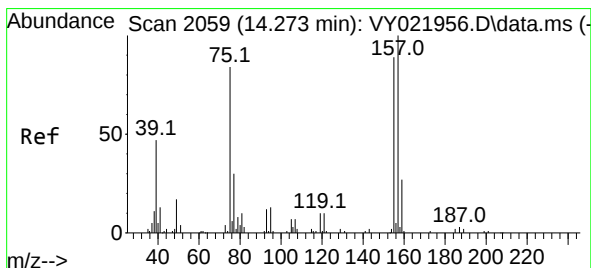
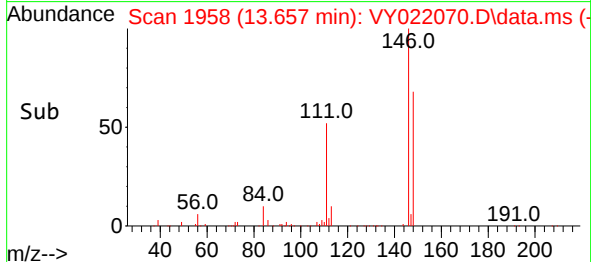
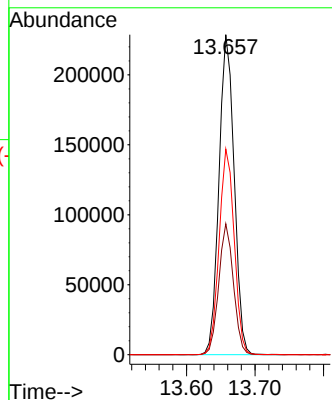
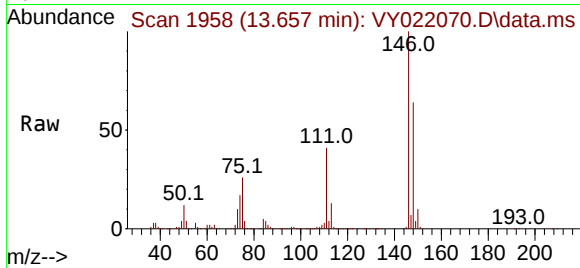




#91
1,2-Dichlorobenzene
Concen: 50.137 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

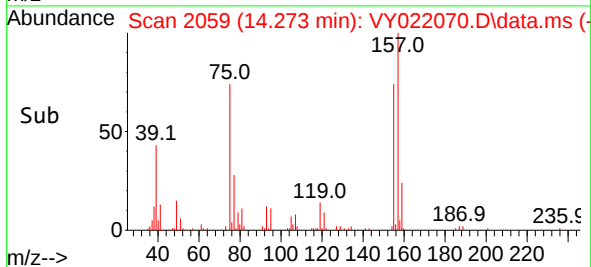
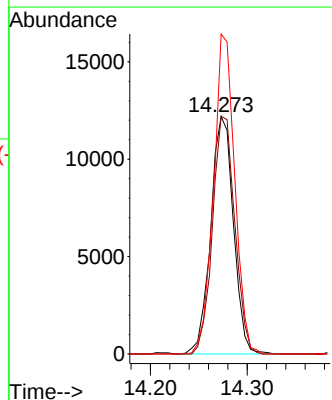
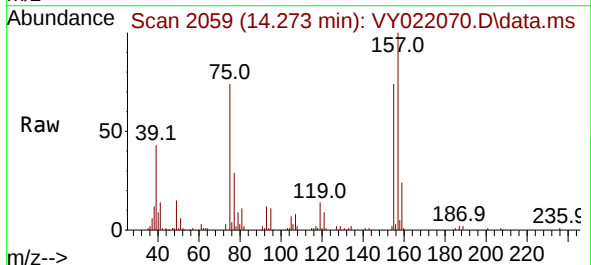
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

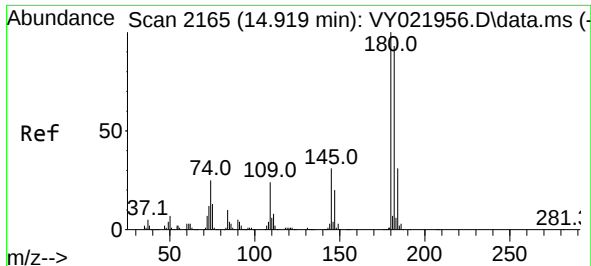
Tgt Ion:146 Resp: 350321
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.1
148 64.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.389 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion: 75 Resp: 19842
Ion Ratio Lower Upper
75 100
155 98.3 50.7 152.3
157 125.8 62.6 187.8

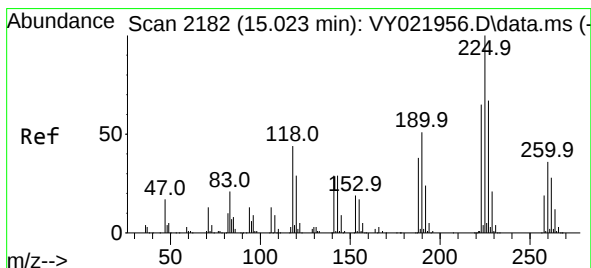
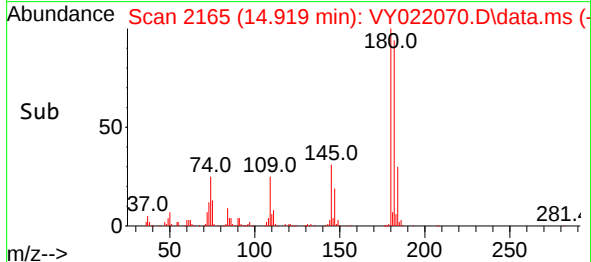
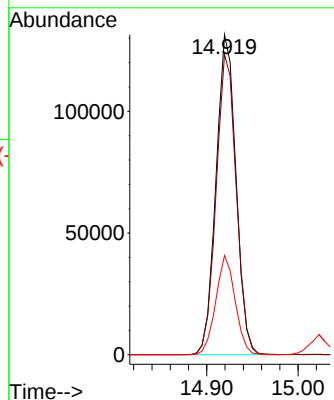
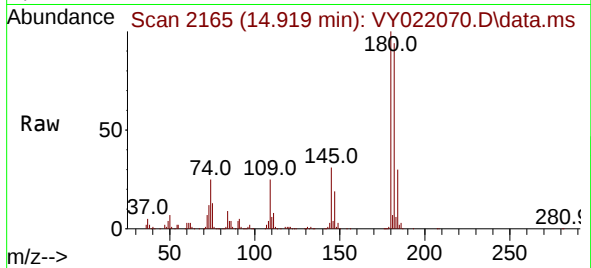




#93
1,2,4-Trichlorobenzene
Concen: 50.292 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

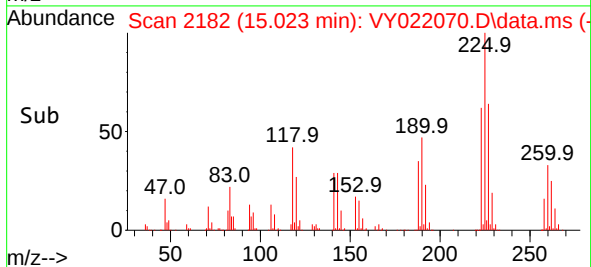
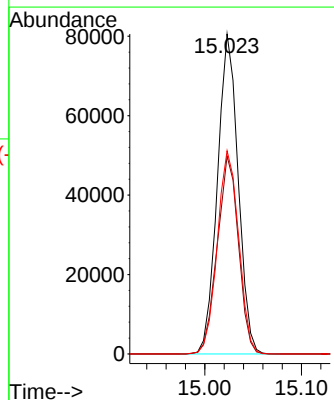
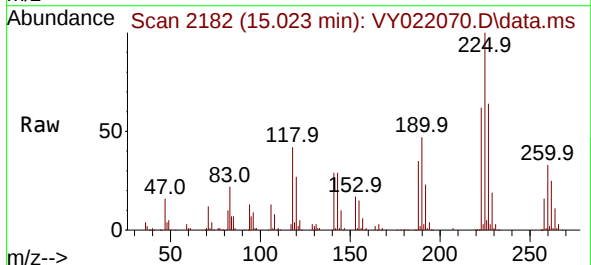
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

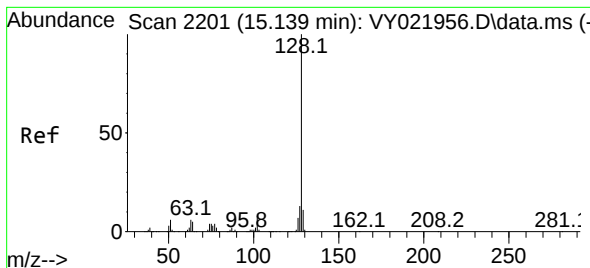
Tgt Ion:180 Resp: 199131
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.4
145 30.2 15.0 45.0



#94
Hexachlorobutadiene
Concen: 49.134 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022070.D
Acq: 30 Apr 2025 09:20

Tgt Ion:225 Resp: 119697
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.5
227 65.5 32.3 96.9





#95

Naphthalene

Concen: 51.796 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

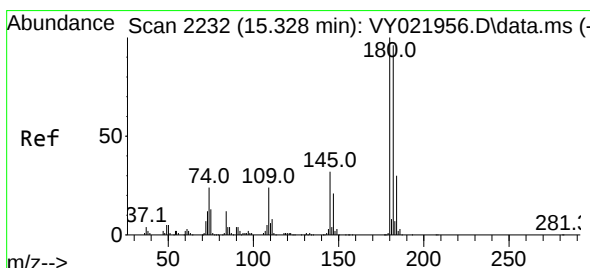
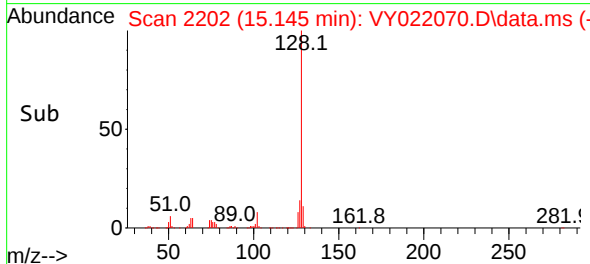
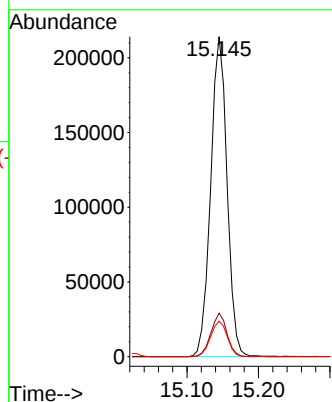
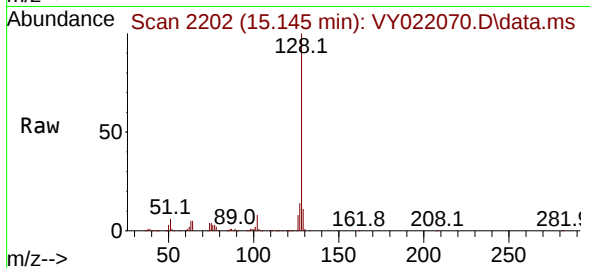
Tgt Ion:128 Resp: 340679

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.291 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022070.D

Acq: 30 Apr 2025 09:20

Tgt Ion:180 Resp: 175304

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.4

145 30.9 16.0 48.0

