

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022117.D
 Acq On : 01 May 2025 19:08
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 02 01:33:00 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	521492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	787920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	699813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	359809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221116	45.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.800%
35) Dibromofluoromethane	7.634	113	256764	49.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.103	98	931345	47.459	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.408	95	328413	49.712	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	205368	46.216	ug/l	98
3) Chloromethane	2.062	50	246211	38.913	ug/l	99
4) Vinyl Chloride	2.202	62	296536	38.138	ug/l	96
5) Bromomethane	2.592	94	237142	35.401	ug/l	97
6) Chloroethane	2.732	64	198382	37.464	ug/l	99
7) Trichlorofluoromethane	3.056	101	452303	44.115	ug/l	98
8) Diethyl Ether	3.452	74	136732	51.237	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	257501	46.298	ug/l	95
10) Methyl Iodide	4.000	142	366613	56.932	ug/l	99
11) Tert butyl alcohol	4.878	59	74045	280.001	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	258167	49.799	ug/l	99
13) Acrolein	3.653	56	71532	150.711	ug/l	96
14) Allyl chloride	4.385	41	294514	48.790	ug/l	99
15) Acrylonitrile	5.061	53	237923	243.537	ug/l	99
16) Acetone	3.872	43	161612	256.915	ug/l	96
17) Carbon Disulfide	4.104	76	737311	44.605	ug/l	98
18) Methyl Acetate	4.385	43	172304	76.576	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	630581	54.345	ug/l	98
20) Methylene Chloride	4.616	84	278578	45.737	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	279047	48.062	ug/l	99
22) Diisopropyl ether	6.018	45	659731	49.111	ug/l	97
23) Vinyl Acetate	5.964	43	1612308	222.703	ug/l	99
24) 1,1-Dichloroethane	5.915	63	442840	47.559	ug/l	97
25) 2-Butanone	6.896	43	259941	236.741	ug/l	100
26) 2,2-Dichloropropane	6.884	77	361120	44.248	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	323676	49.858	ug/l	97
28) Bromochloromethane	7.244	49	157867	43.649	ug/l	86
29) Tetrahydrofuran	7.262	42	173842	243.773	ug/l	94
30) Chloroform	7.421	83	494257	47.854	ug/l	98
31) Cyclohexane	7.701	56	338310	42.487	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	445983	47.728	ug/l	98
36) 1,1-Dichloropropene	7.835	75	323237	46.228	ug/l	98
37) Ethyl Acetate	6.988	43	118152	47.048	ug/l	97
38) Carbon Tetrachloride	7.817	117	405212	48.498	ug/l	99
39) Methylcyclohexane	9.109	83	412692	46.900	ug/l	99
40) Benzene	8.079	78	1047462	47.922	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	71615	52.167	ug/l	96
42) 1,2-Dichloroethane	8.158	62	260898	48.211	ug/l	99
43) Isopropyl Acetate	8.195	43	239777	49.718	ug/l	98
44) Trichloroethene	8.865	130	300752	49.676	ug/l	98
45) 1,2-Dichloropropane	9.140	63	226402	46.838	ug/l	100
46) Dibromomethane	9.231	93	146196	48.316	ug/l	93
47) Bromodichloromethane	9.420	83	370965	49.076	ug/l	98
48) Methyl methacrylate	9.219	41	114638	51.420	ug/l	95
49) 1,4-Dioxane	9.231	88	31705	983.083	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	636116	251.616	ug/l	99
52) Toluene	10.170	92	691233	48.855	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	315674	48.687	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	370153	48.026	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	199643	49.394	ug/l	98
56) Ethyl methacrylate	10.438	69	245334	53.079	ug/l	100
57) 1,3-Dichloropropane	10.719	76	314000	48.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	597172	264.249	ug/l	96
59) 2-Hexanone	10.761	43	425582	255.220	ug/l	100
60) Dibromochloromethane	10.908	129	278863	49.834	ug/l	99
61) 1,2-Dibromoethane	11.011	107	194344	50.932	ug/l	98
64) Tetrachloroethene	10.646	164	335593	50.834	ug/l	95
65) Chlorobenzene	11.438	112	777130	49.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	281882	51.163	ug/l	99
67) Ethyl Benzene	11.517	91	1345250	52.548	ug/l	100
68) m/p-Xylenes	11.627	106	1127340	110.666	ug/l	99
69) o-Xylene	11.956	106	546612	58.218	ug/l	100
70) Styrene	11.969	104	823742	52.252	ug/l	99
71) Bromoform	12.133	173	173918	54.295	ug/l #	99
73) Isopropylbenzene	12.255	105	1281382	53.304	ug/l	99
74) N-amyl acetate	12.072	43	211359	51.175	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	200173	49.390	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	263316	85.438	ug/l #	100
77) Bromobenzene	12.529	156	332638	54.761	ug/l	95
78) n-propylbenzene	12.597	91	1527021	53.341	ug/l	98
79) 2-Chlorotoluene	12.682	91	894301	53.716	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1159172	58.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61847	48.326	ug/l	97
82) 4-Chlorotoluene	12.773	91	869601	50.246	ug/l	99
83) tert-Butylbenzene	12.999	119	966767	54.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1519729	76.710	ug/l	100
85) sec-Butylbenzene	13.176	105	1351064	51.976	ug/l	98
86) p-Isopropyltoluene	13.291	119	1160013	52.554	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	615228	49.868	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	600771	49.168	ug/l	99
89) n-Butylbenzene	13.615	91	1065863	54.024	ug/l	95
90) Hexachloroethane	13.877	117	246817	50.895	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	548661	50.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34086	52.862	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	343857	56.392	ug/l	93
94) Hexachlorobutadiene	15.023	225	201855	53.804	ug/l	99
95) Naphthalene	15.145	128	762911	75.318	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	306850	58.297	ug/l	91

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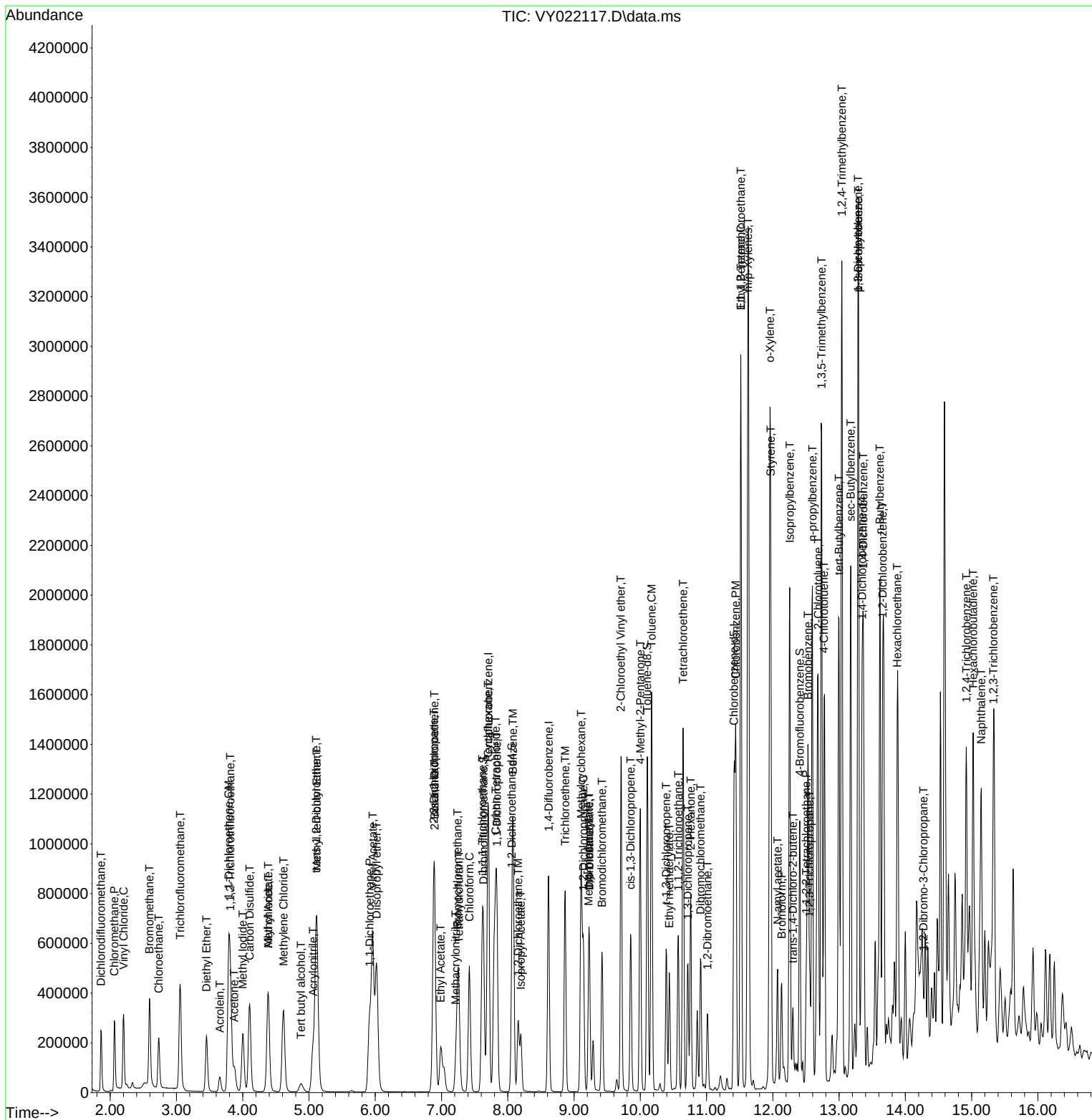
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

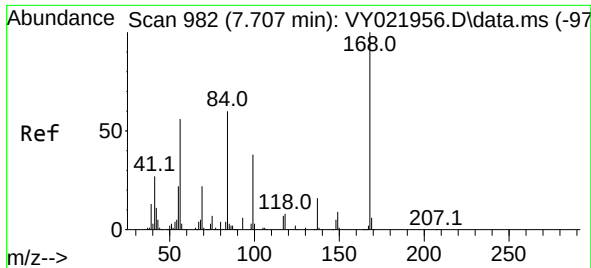
Quant Time: May 02 01:33:00 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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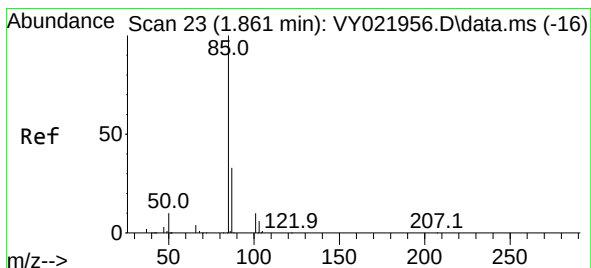
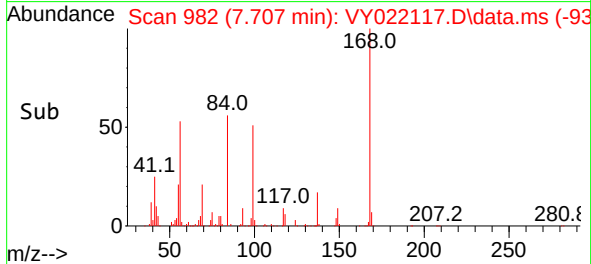
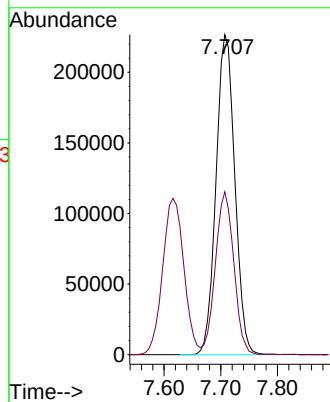
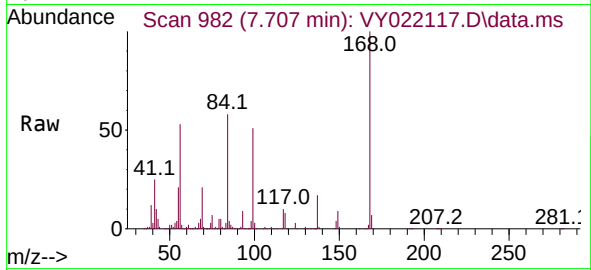




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022117.D
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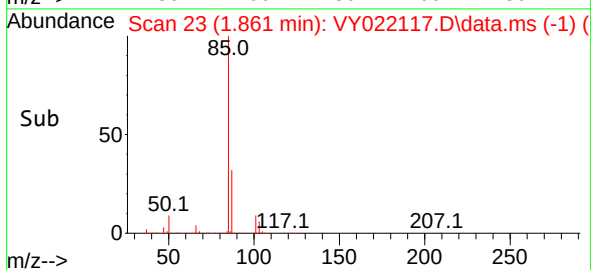
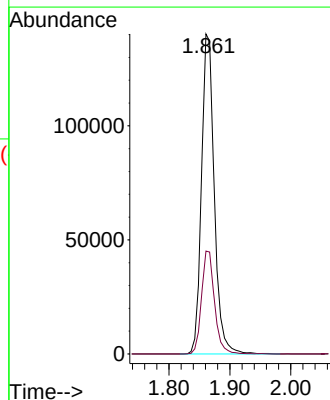
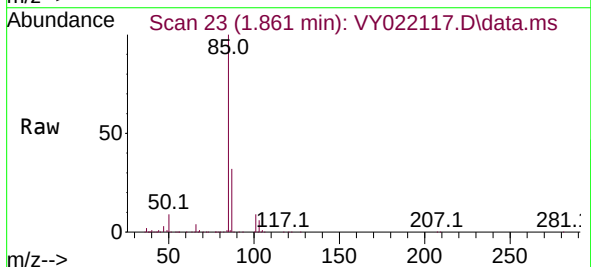
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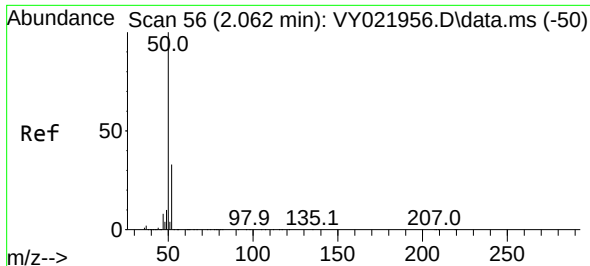
Tgt Ion:168 Resp: 521492
Ion Ratio Lower Upper
168 100
99 50.8 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 46.216 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 85 Resp: 205368
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7

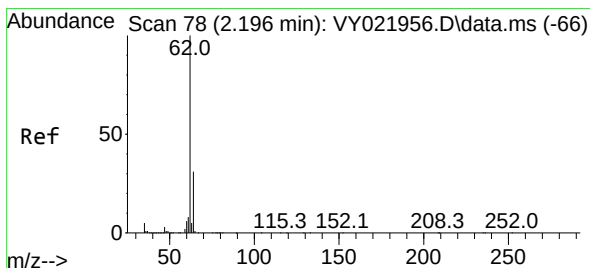
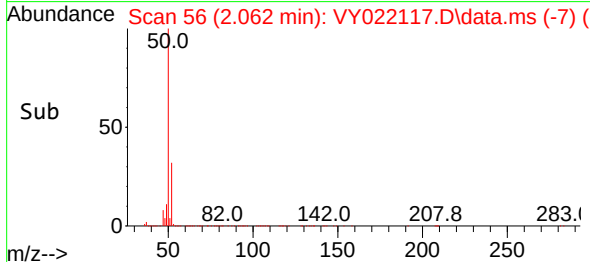
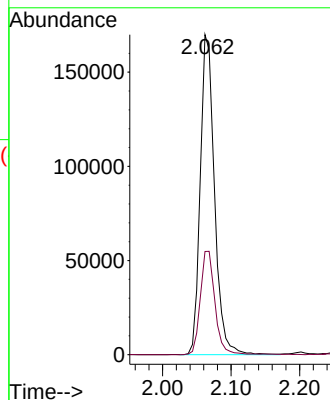
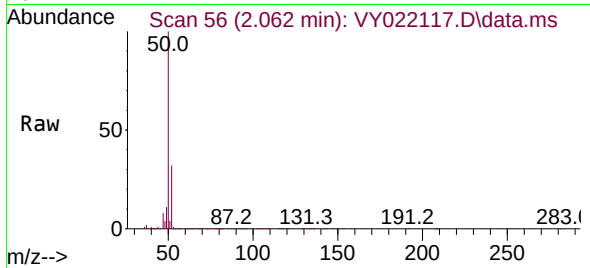




#3
Chloromethane
Concen: 38.913 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

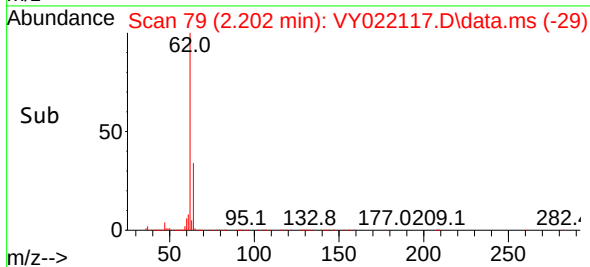
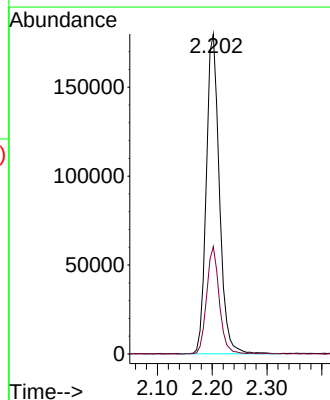
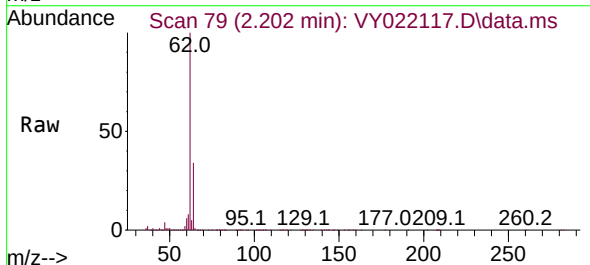
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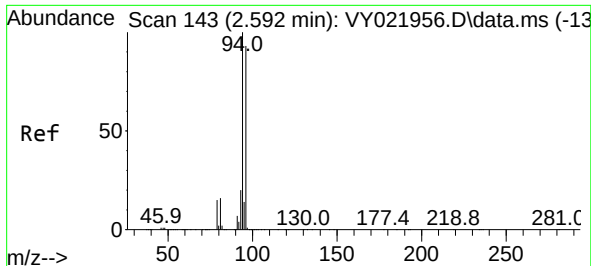
Tgt Ion: 50 Resp: 246211
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1



#4
Vinyl Chloride
Concen: 38.138 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 62 Resp: 296536
Ion Ratio Lower Upper
62 100
64 33.6 25.1 37.7

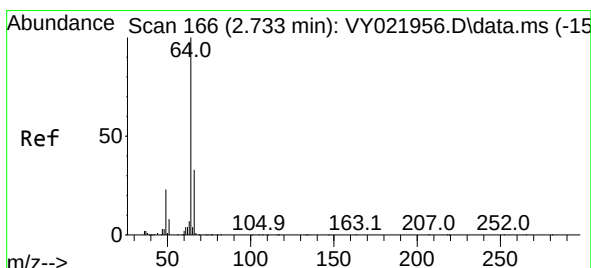
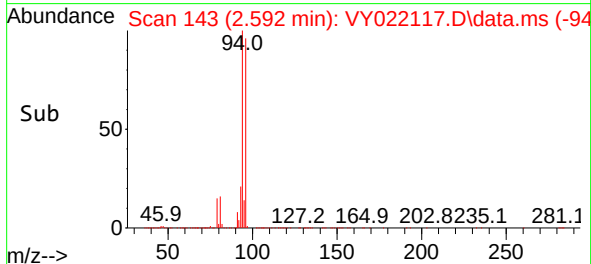
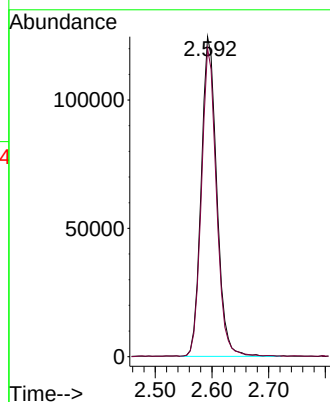
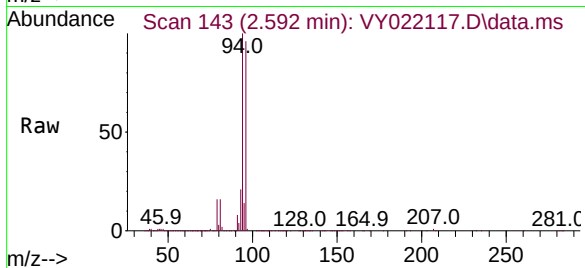




#5
Bromomethane
Concen: 35.401 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

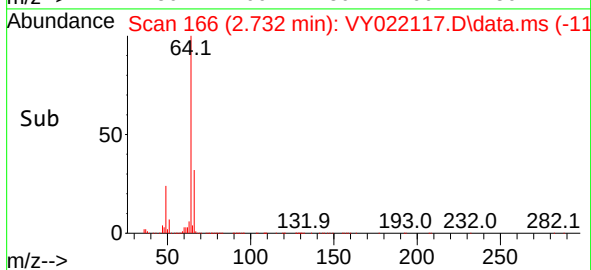
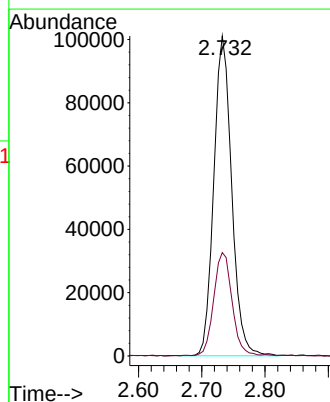
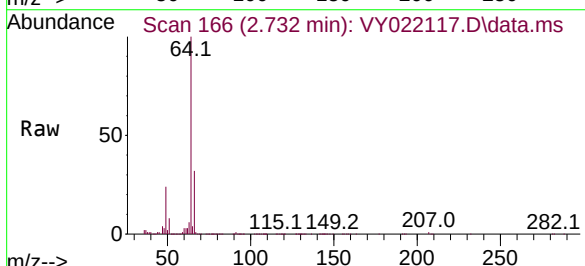
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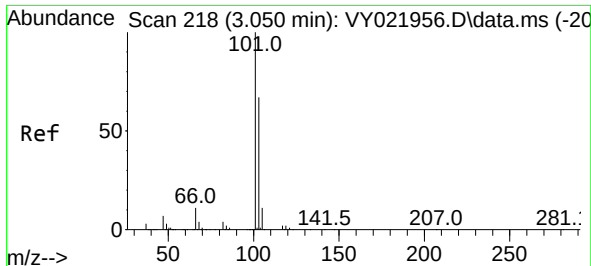
Tgt Ion: 94 Resp: 237142
Ion Ratio Lower Upper
94 100
96 96.3 74.6 111.8



#6
Chloroethane
Concen: 37.464 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 64 Resp: 198382
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

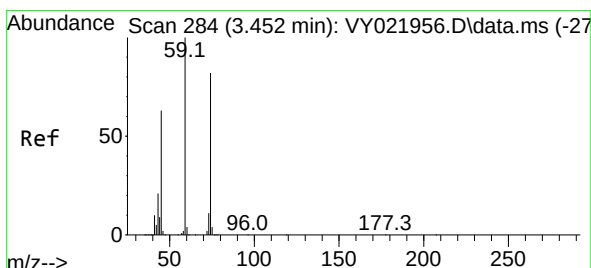
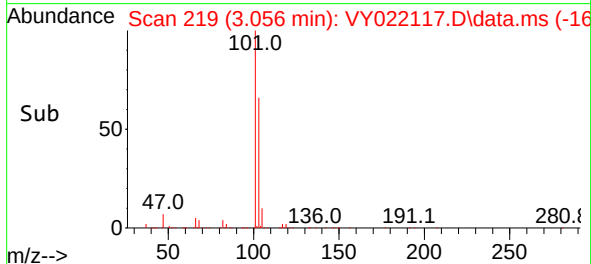
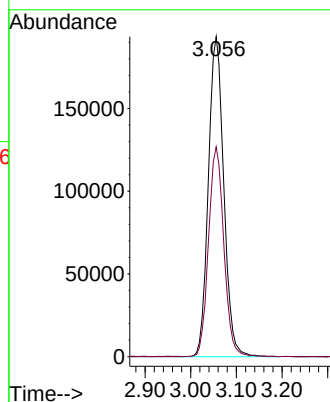
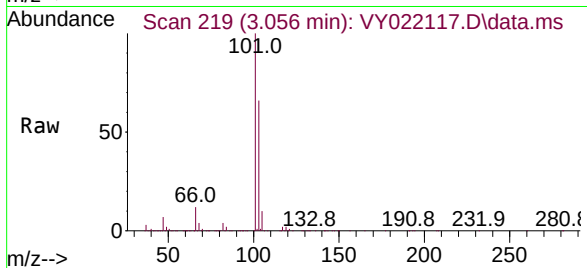




#7
Trichlorofluoromethane
Concen: 44.115 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

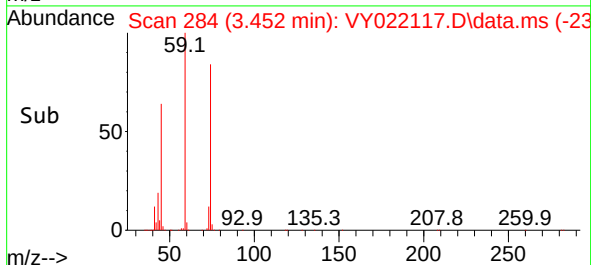
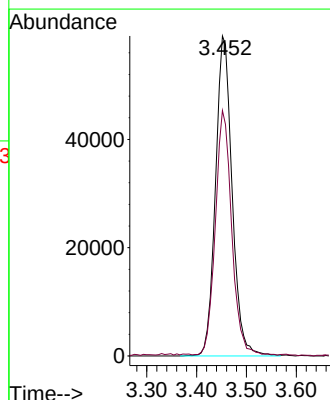
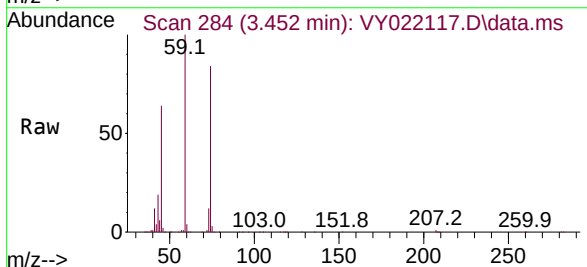
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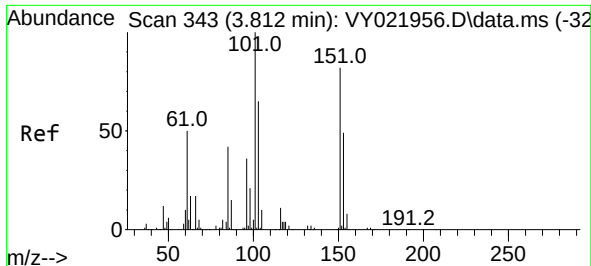
Tgt Ion:101 Resp: 452303
Ion Ratio Lower Upper
101 100
103 65.5 53.6 80.4



#8
Diethyl Ether
Concen: 51.237 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 136732
Ion Ratio Lower Upper
74 100
45 75.3 39.1 117.5

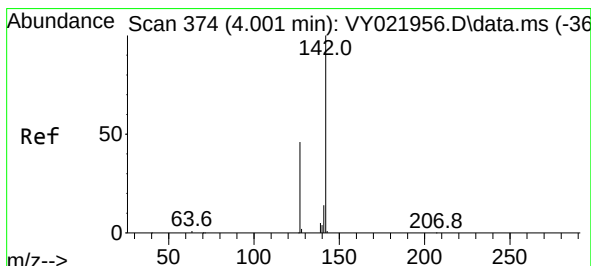
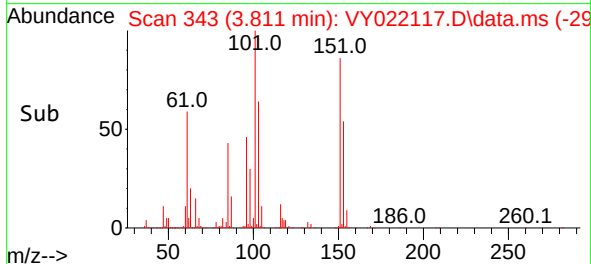
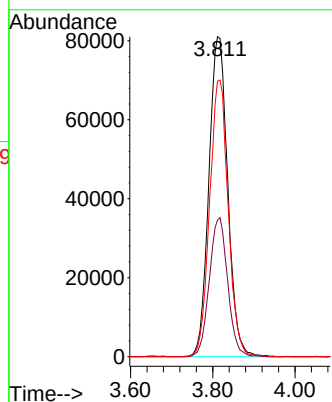
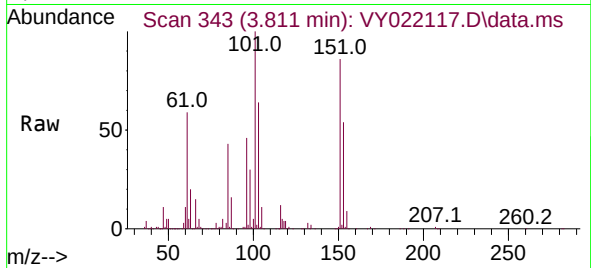




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.298 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

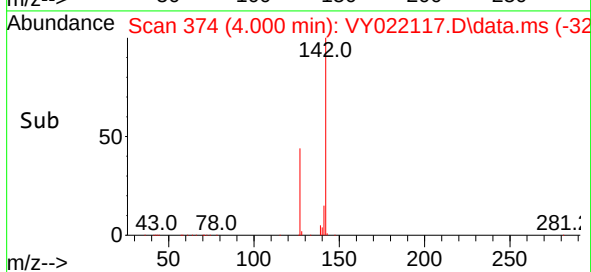
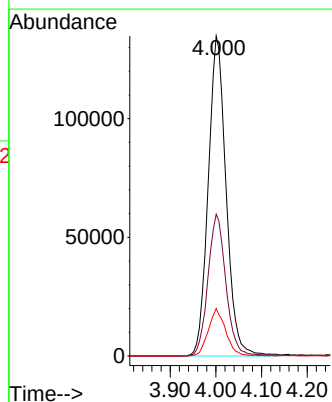
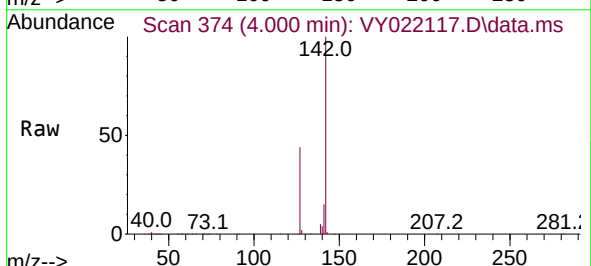
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

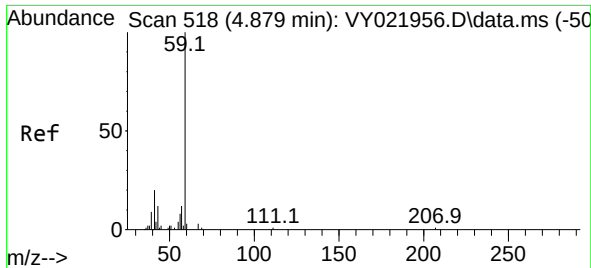
Tgt Ion:101 Resp: 257501
Ion Ratio Lower Upper
101 100
85 42.4 34.6 51.8
151 85.4 63.7 95.5



#10
Methyl Iodide
Concen: 56.932 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion:142 Resp: 366613
Ion Ratio Lower Upper
142 100
127 44.5 36.2 54.2
141 14.5 11.7 17.5

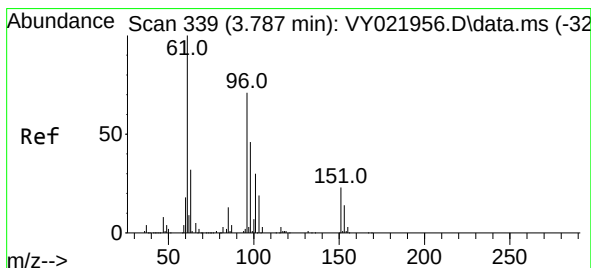
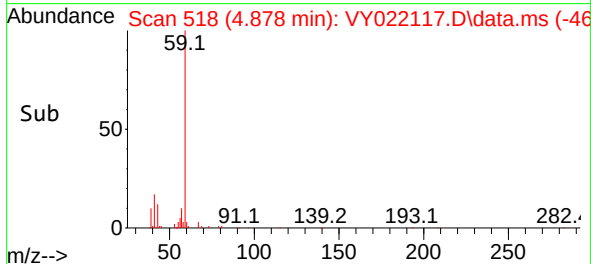
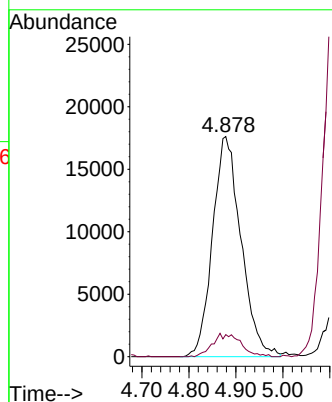
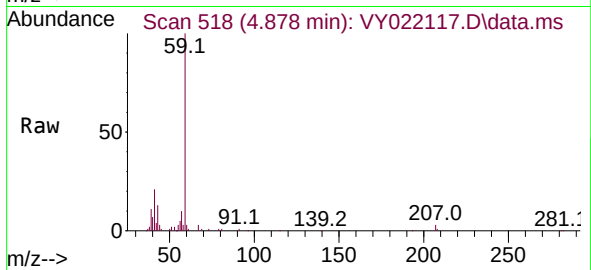




#11
Tert butyl alcohol
Concen: 280.001 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

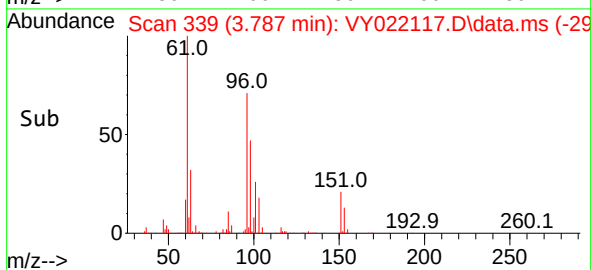
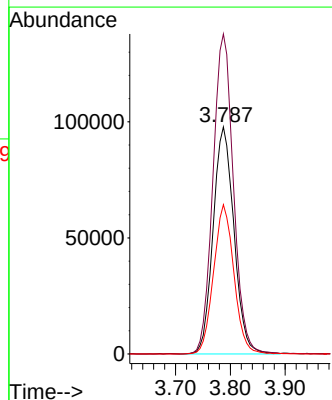
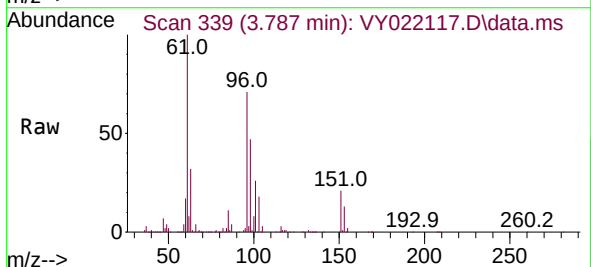
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

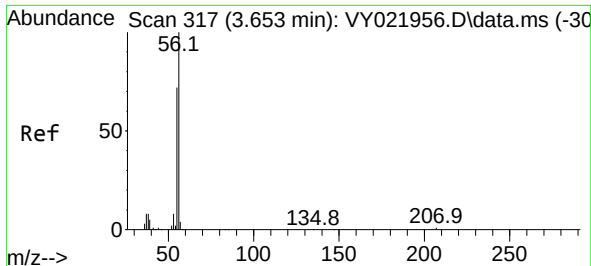
Tgt Ion: 59 Resp: 74045
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 49.799 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 96 Resp: 258167
Ion Ratio Lower Upper
96 100
61 141.0 113.0 169.4
98 65.8 51.4 77.2

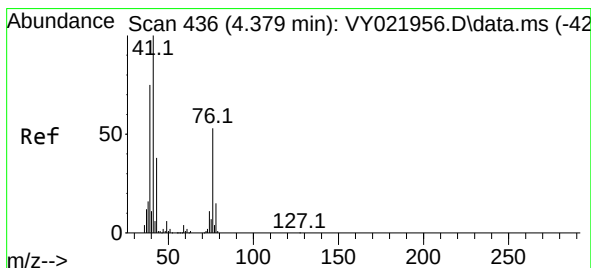
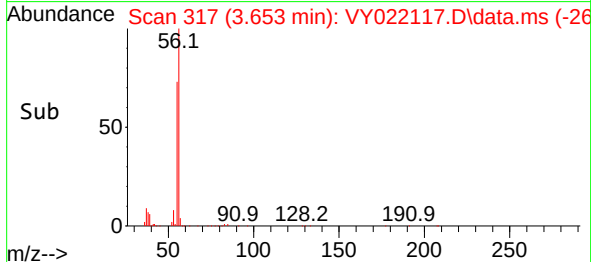
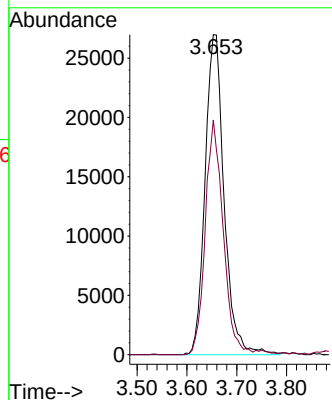
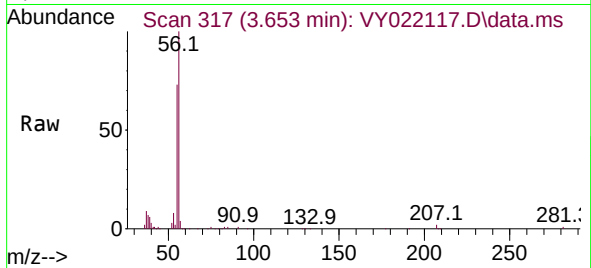




#13
Acrolein
Concen: 150.711 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

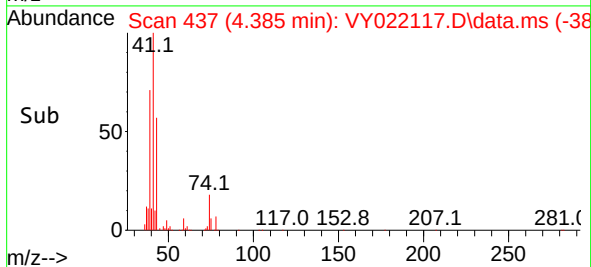
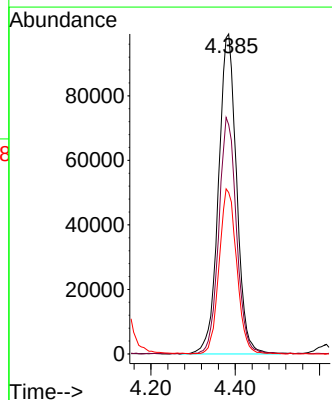
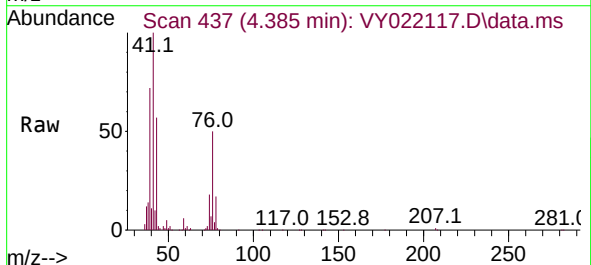
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

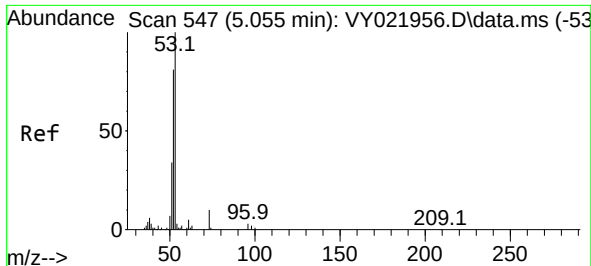
Tgt Ion: 56 Resp: 71532
Ion Ratio Lower Upper
56 100
55 68.7 57.4 86.0



#14
Allyl chloride
Concen: 48.790 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 41 Resp: 294514
Ion Ratio Lower Upper
41 100
39 71.8 57.2 85.8
76 50.2 39.7 59.5

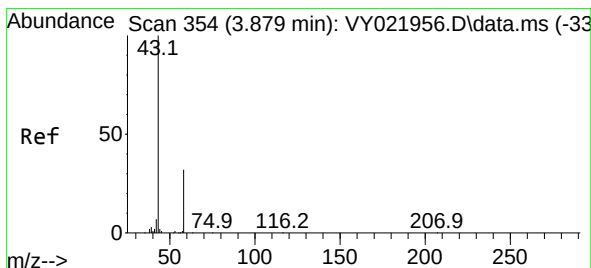
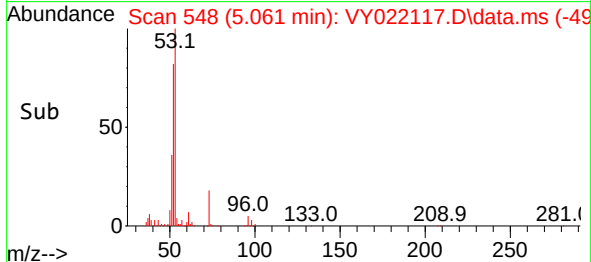
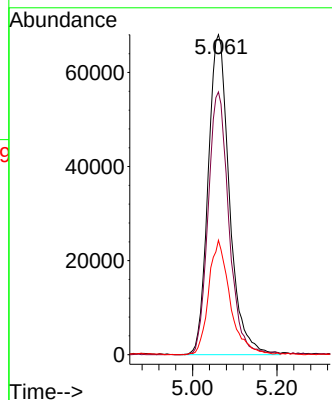
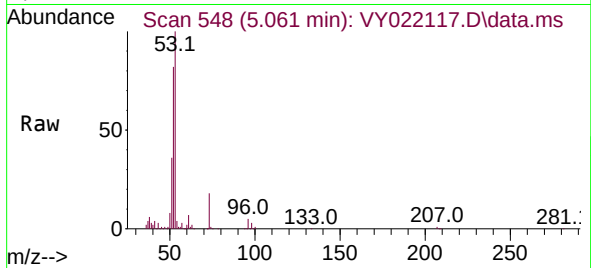




#15
Acrylonitrile
Concen: 243.537 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

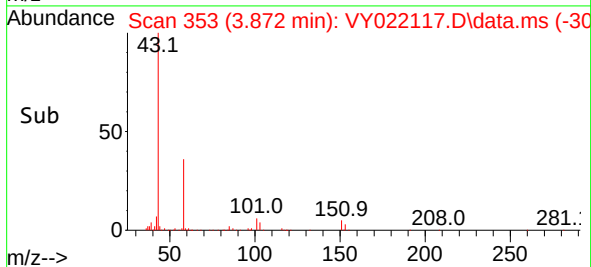
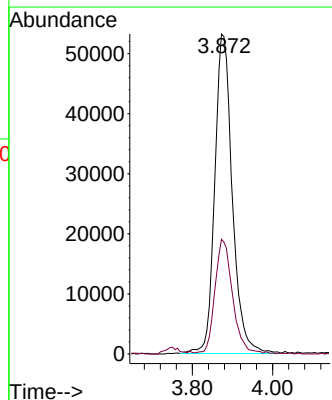
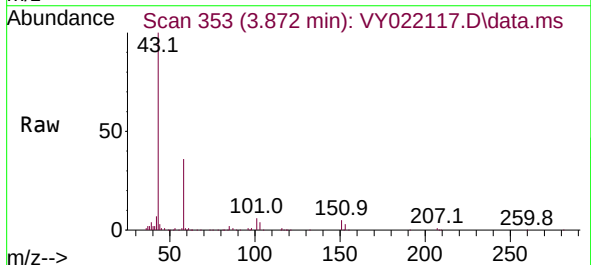
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

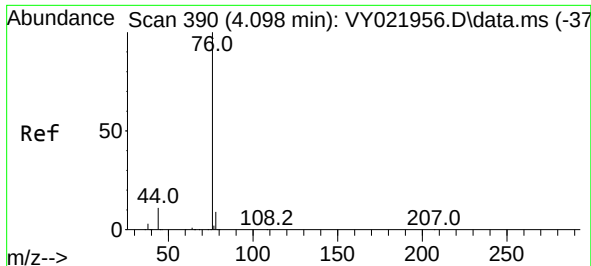
Tgt Ion: 53 Resp: 237923
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.6
51 36.0 28.9 43.3



#16
Acetone
Concen: 256.915 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 43 Resp: 161612
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.4

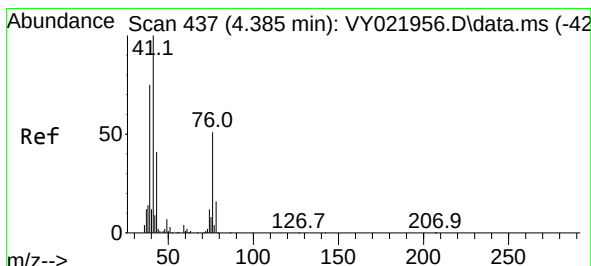
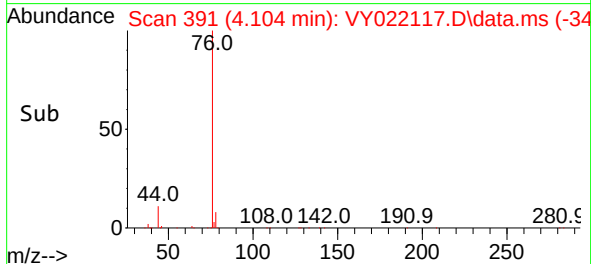
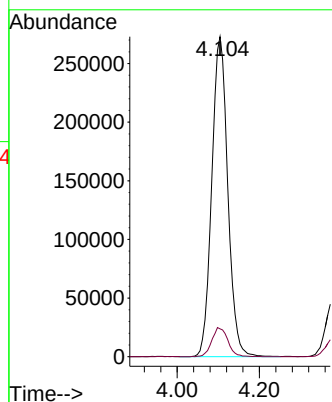
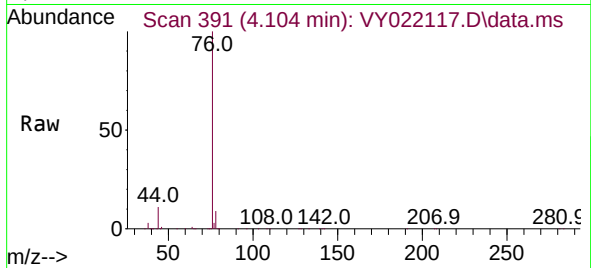




#17
Carbon Disulfide
Concen: 44.605 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

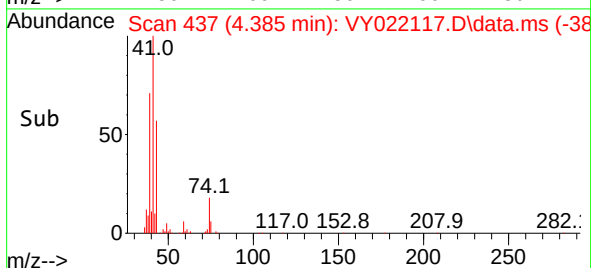
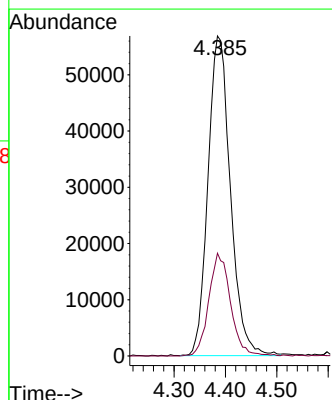
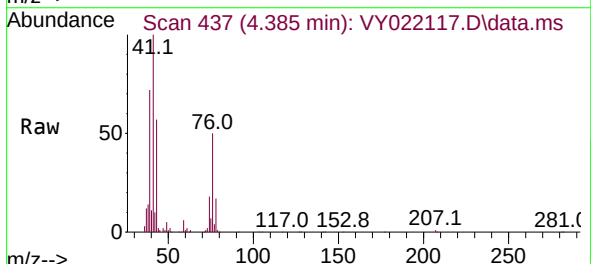
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

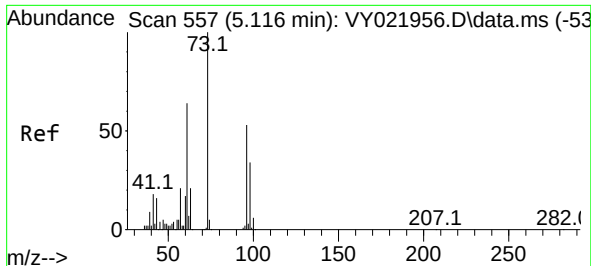
Tgt Ion: 76 Resp: 737311
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 76.576 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 43 Resp: 172304
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.4

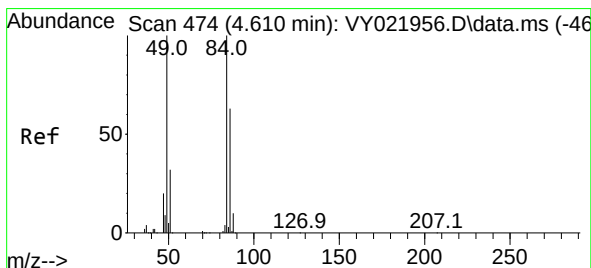
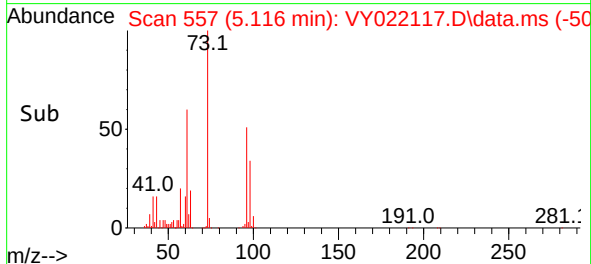
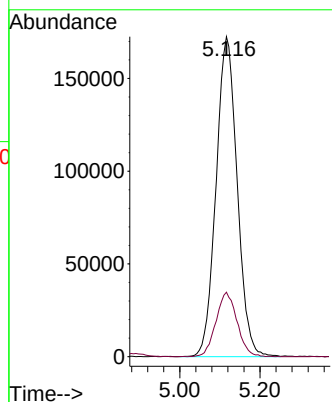
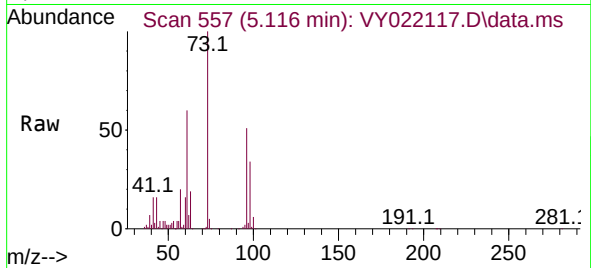




#19
Methyl tert-butyl Ether
Concen: 54.345 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

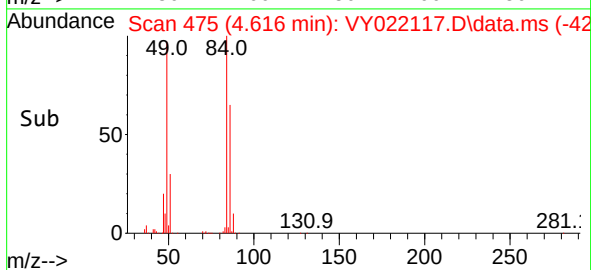
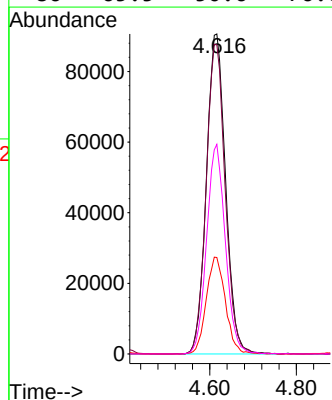
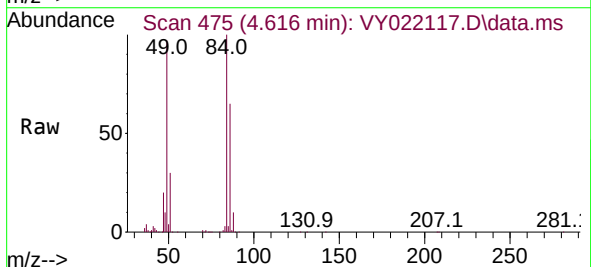
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

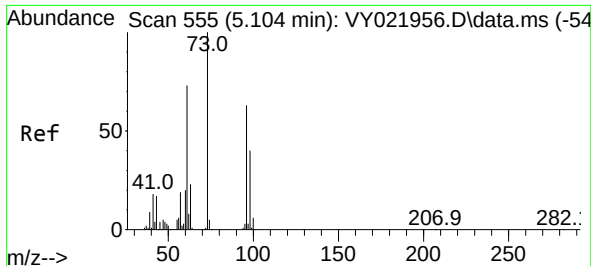
Tgt Ion: 73 Resp: 630581
Ion Ratio Lower Upper
73 100
57 20.1 16.9 25.3



#20
Methylene Chloride
Concen: 45.737 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 84 Resp: 278578
Ion Ratio Lower Upper
84 100
49 96.6 79.9 119.9
51 30.2 25.4 38.0
86 65.5 50.6 76.0

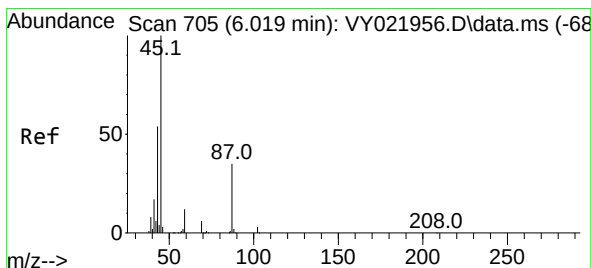
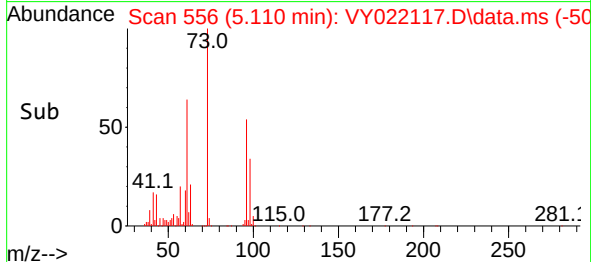
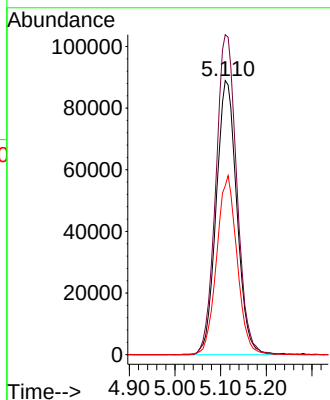
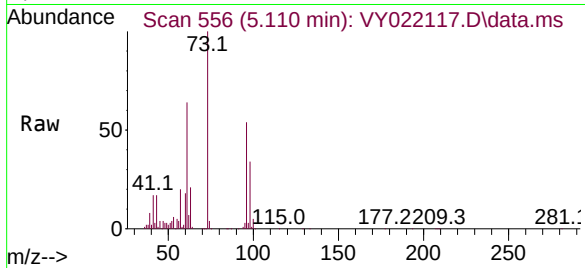




#21
trans-1,2-Dichloroethene
Concen: 48.062 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

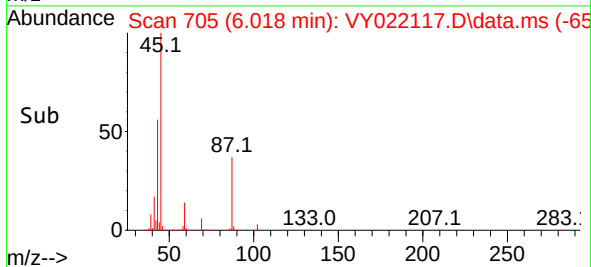
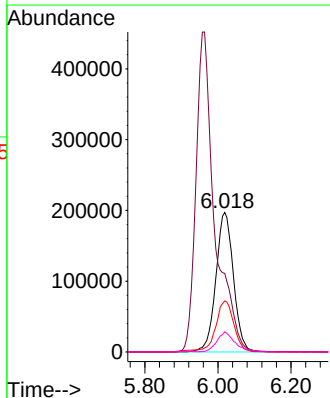
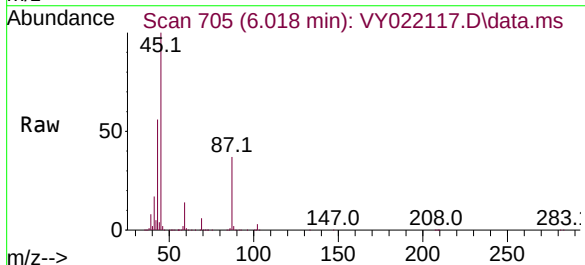
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

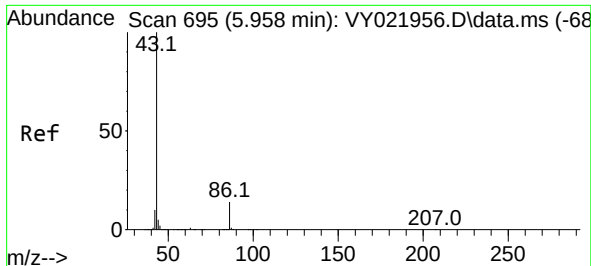
Tgt Ion: 96 Resp: 279047
Ion Ratio Lower Upper
96 100
61 116.7 92.6 138.8
98 61.6 50.2 75.4



#22
Diisopropyl ether
Concen: 49.111 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 45 Resp: 659731
Ion Ratio Lower Upper
45 100
43 56.1 43.6 65.4
87 36.6 28.2 42.4
59 14.4 10.0 15.0

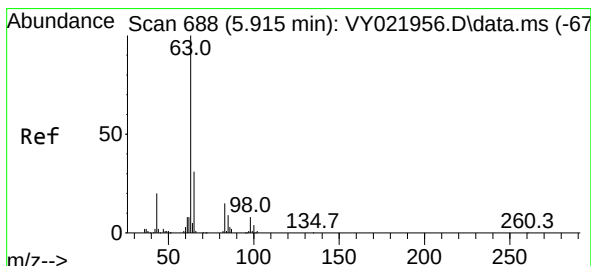
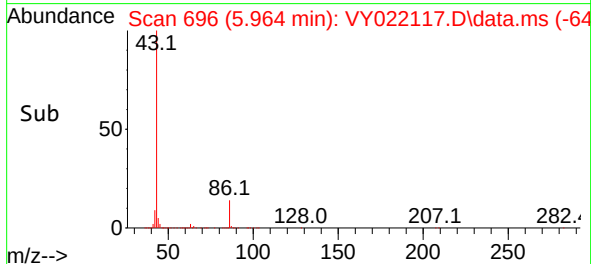
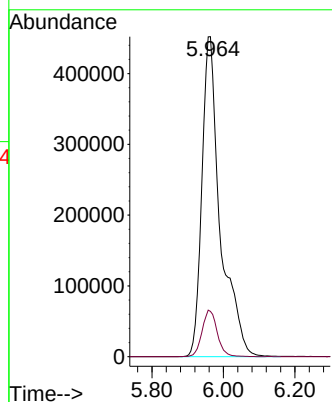
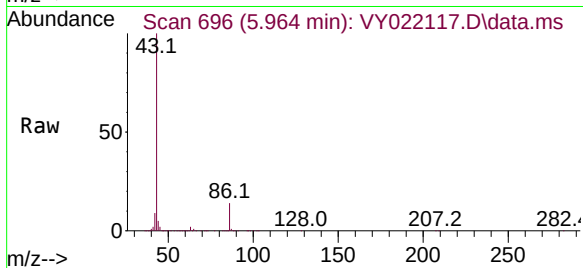




#23
 Vinyl Acetate
 Concen: 222.703 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022117.D
 Acq: 01 May 2025 19:08

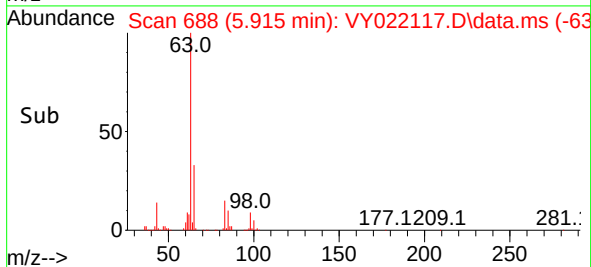
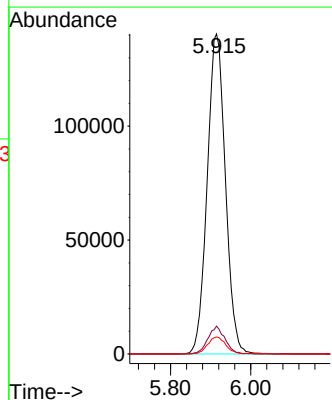
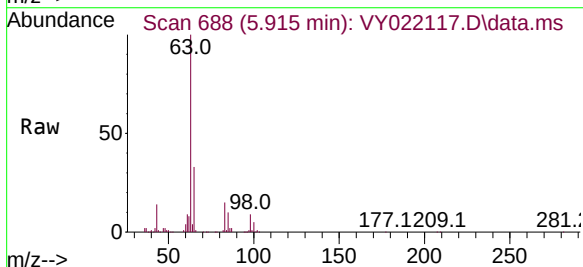
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

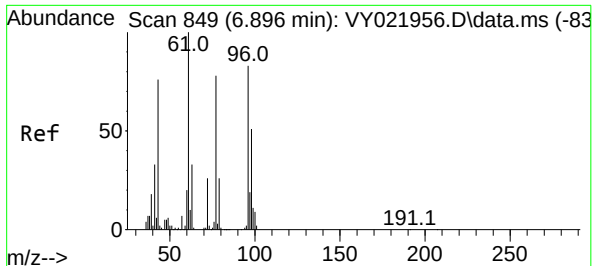
Tgt Ion: 43 Resp: 1612308
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 47.559 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022117.D
 Acq: 01 May 2025 19:08

Tgt Ion: 63 Resp: 442840
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 11.9
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 236.741 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

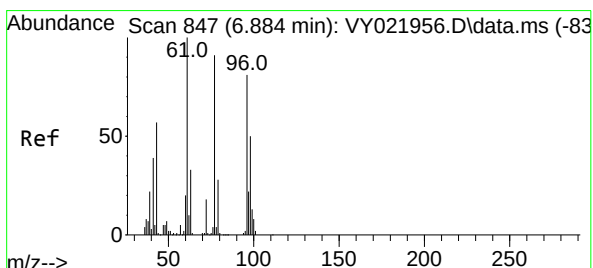
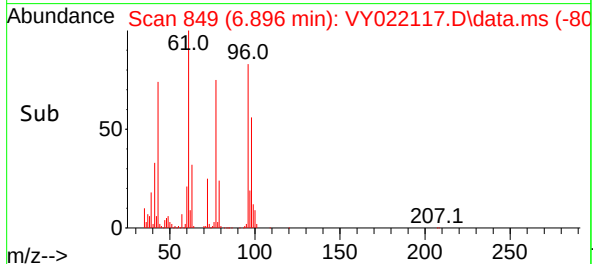
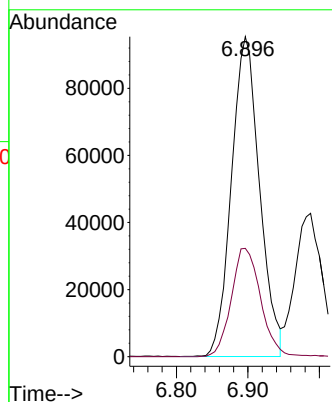
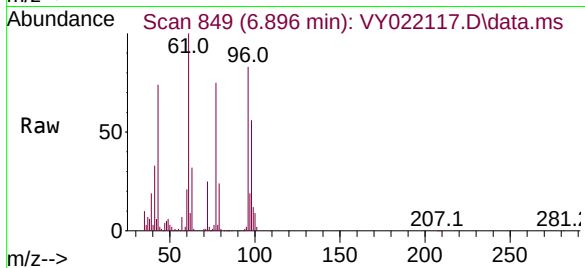
VSTDCCC050EC

Tgt Ion: 43 Resp: 259941

Ion Ratio Lower Upper

43 100

72 33.9 27.0 40.4



#26

2,2-Dichloropropane

Concen: 44.248 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022117.D

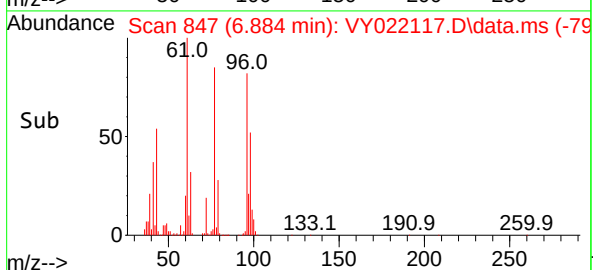
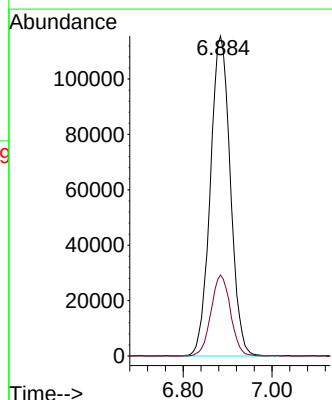
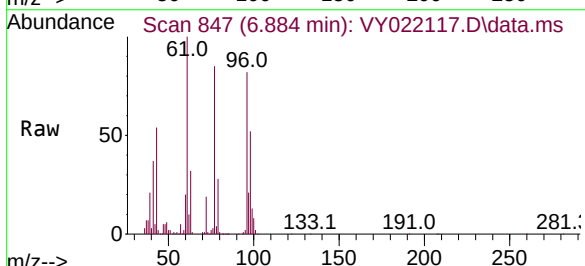
Acq: 01 May 2025 19:08

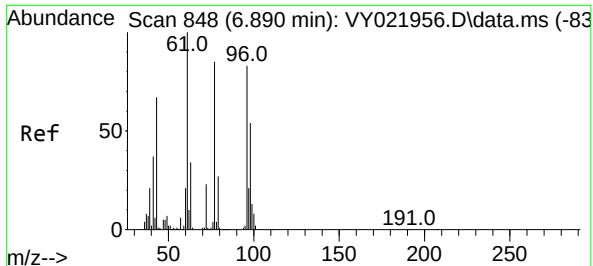
Tgt Ion: 77 Resp: 361120

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 49.858 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

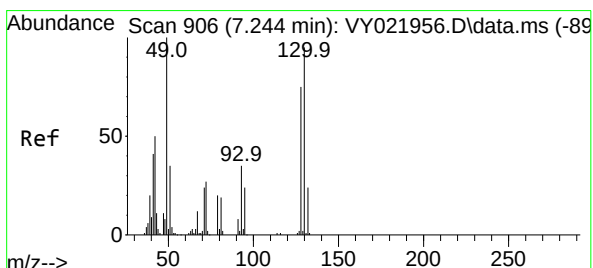
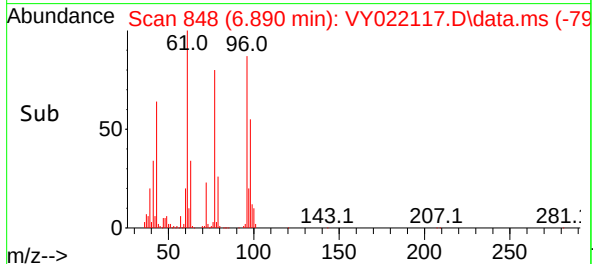
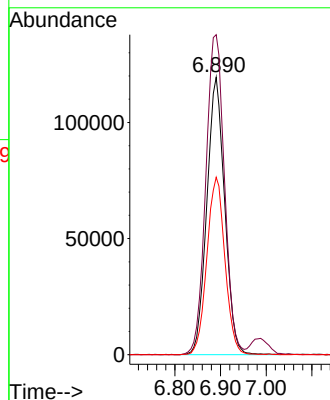
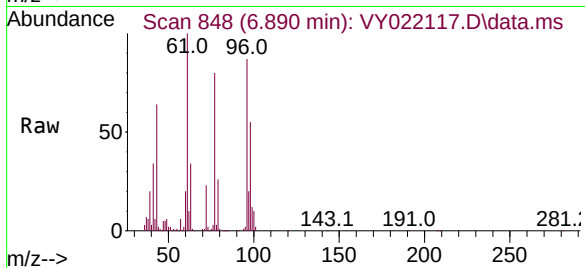
Tgt Ion: 96 Resp: 323676

Ion Ratio Lower Upper

96 100

61 120.9 0.0 251.4

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 43.649 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

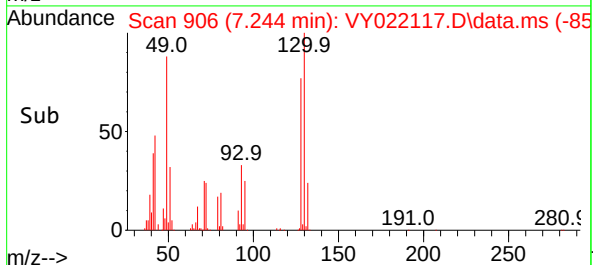
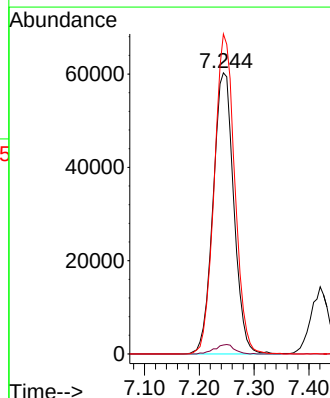
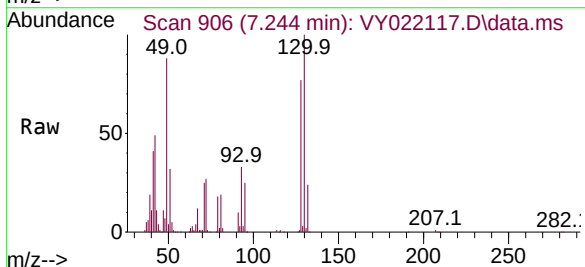
Tgt Ion: 49 Resp: 157867

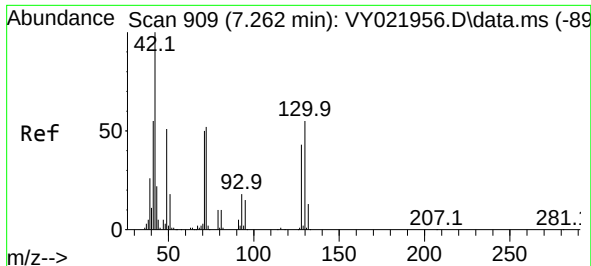
Ion Ratio Lower Upper

49 100

129 3.2 0.0 5.0

130 112.1 78.2 117.4





#29

Tetrahydrofuran

Concen: 243.773 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

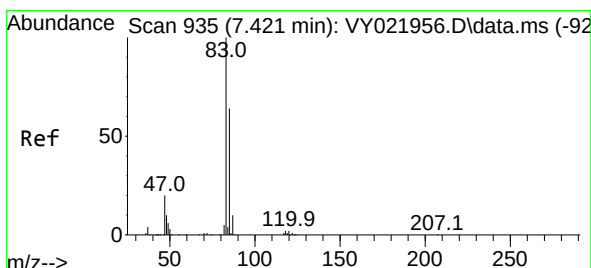
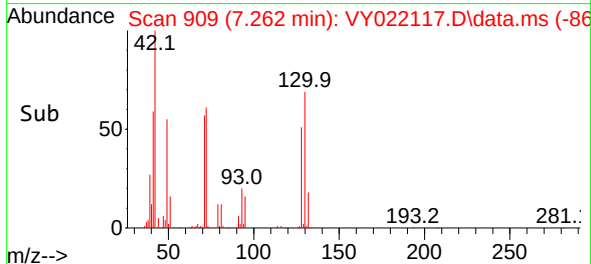
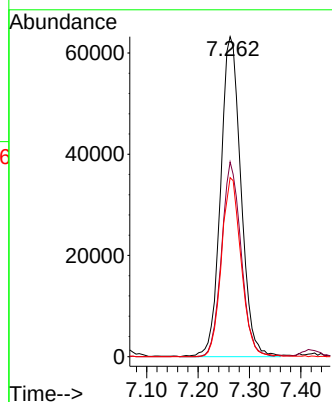
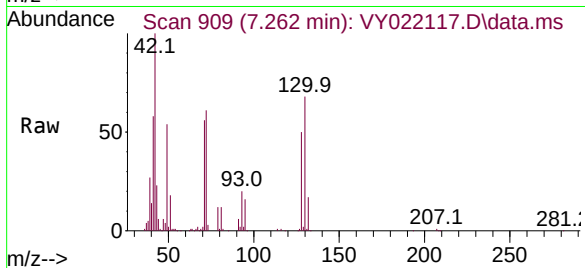
Tgt Ion: 42 Resp: 173842

Ion Ratio Lower Upper

42 100

72 58.2 42.6 63.8

71 54.2 40.6 61.0



#30

Chloroform

Concen: 47.854 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022117.D

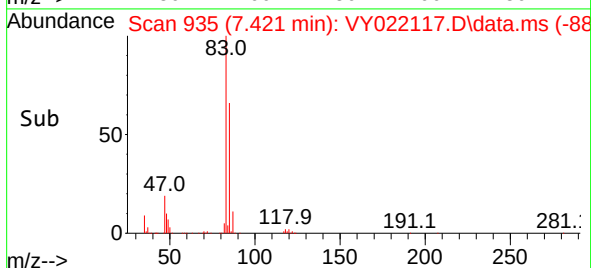
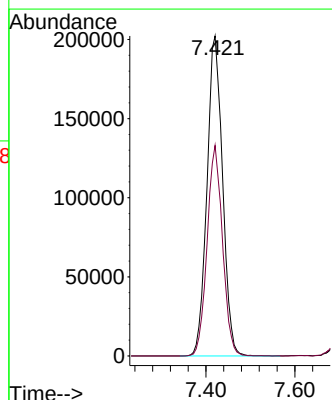
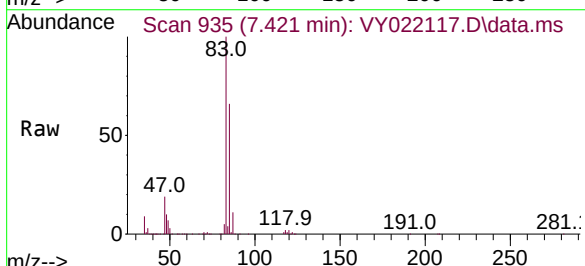
Acq: 01 May 2025 19:08

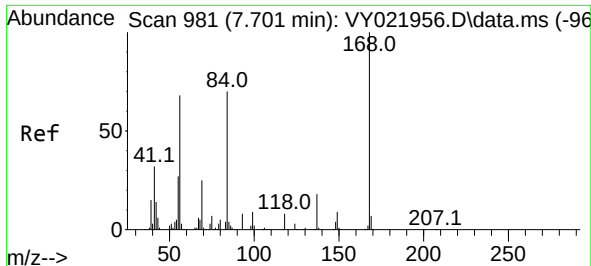
Tgt Ion: 83 Resp: 494257

Ion Ratio Lower Upper

83 100

85 65.8 51.3 76.9

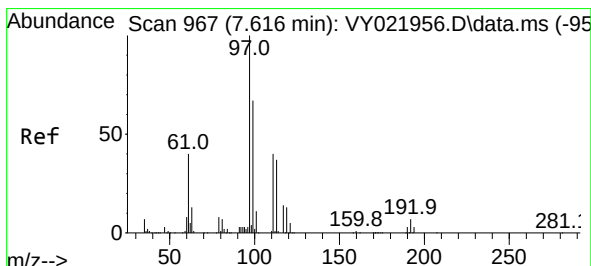
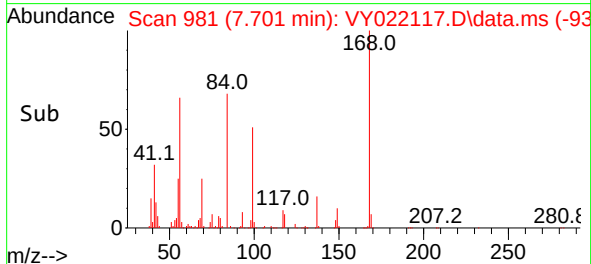
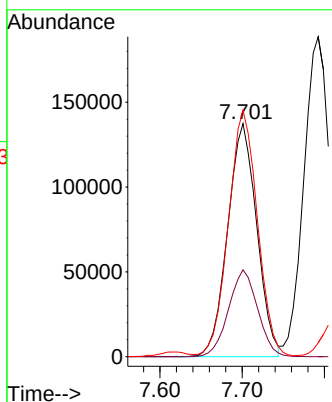
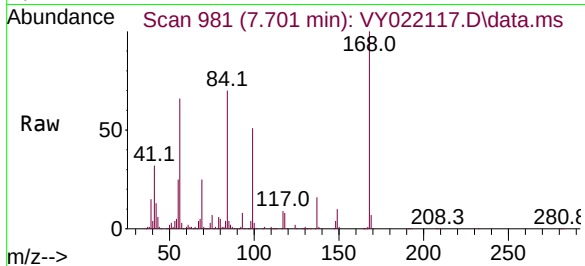




#31
Cyclohexane
Concen: 42.487 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

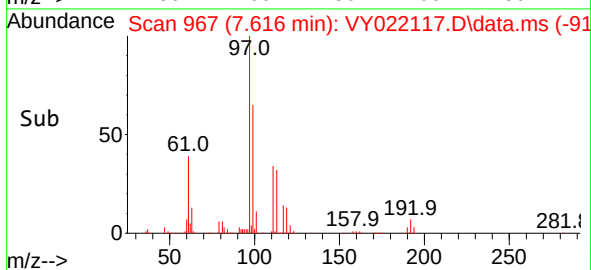
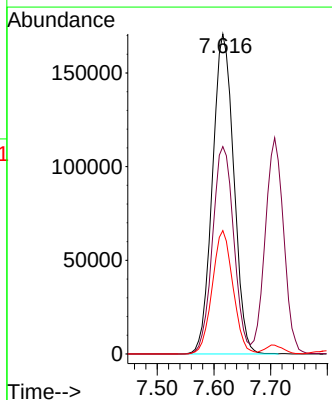
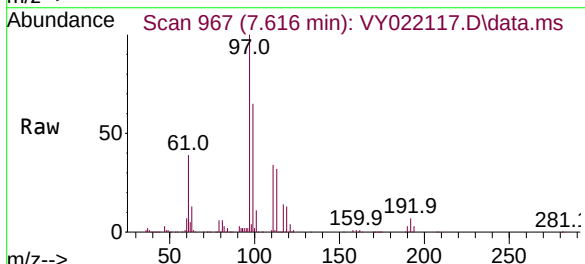
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

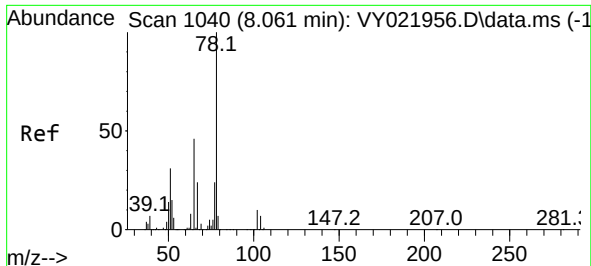
Tgt Ion: 56 Resp: 338310
Ion Ratio Lower Upper
56 100
69 37.3 29.4 44.2
84 103.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 47.728 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 97 Resp: 445983
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 37.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 45.904 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

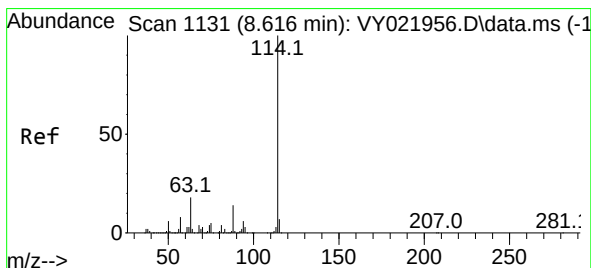
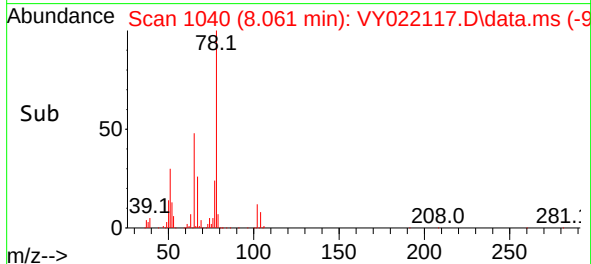
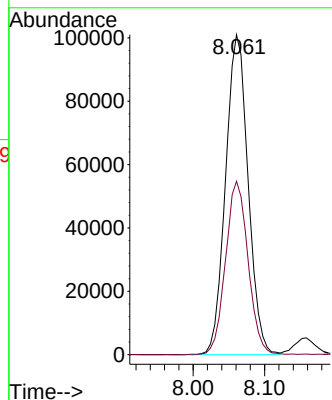
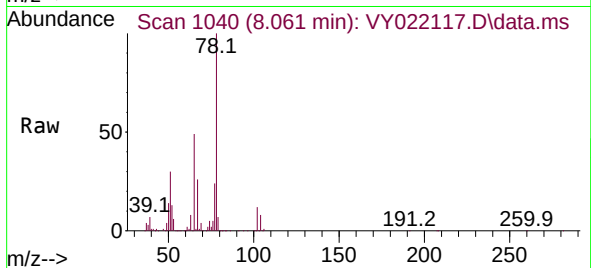
VSTDCCC050EC

Tgt Ion: 65 Resp: 221116

Ion Ratio Lower Upper

65 100

67 54.3 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: VY022117.D

Acq: 01 May 2025 19:08

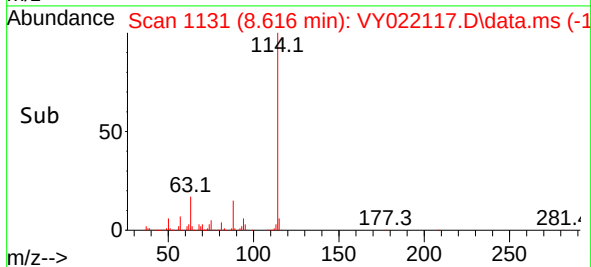
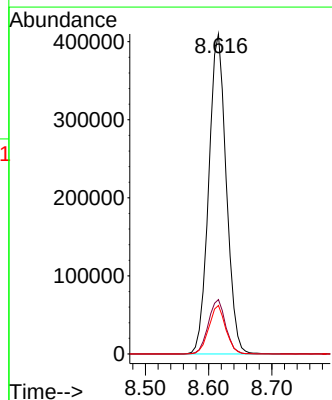
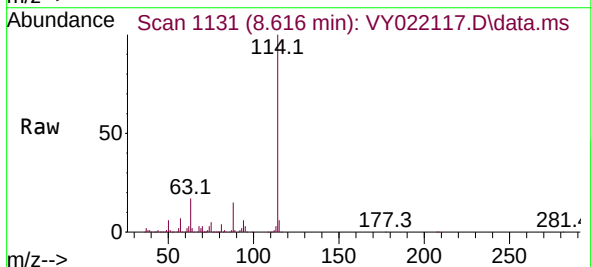
Tgt Ion: 114 Resp: 787920

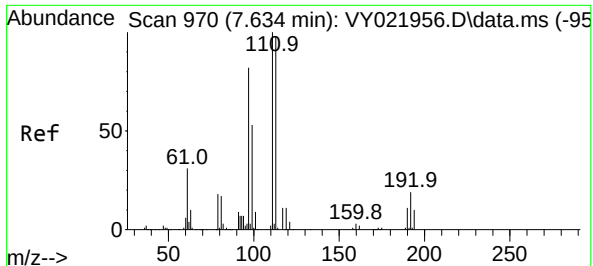
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

88 15.2 0.0 28.2

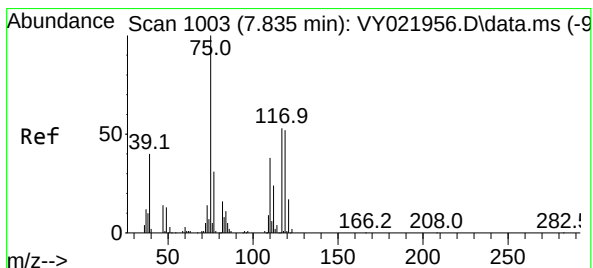
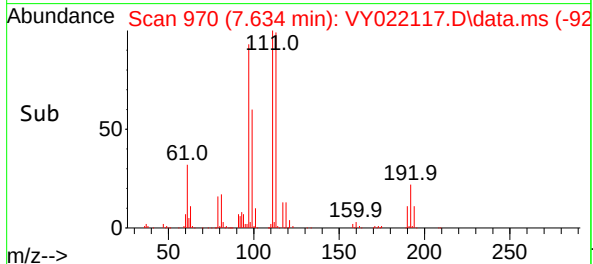
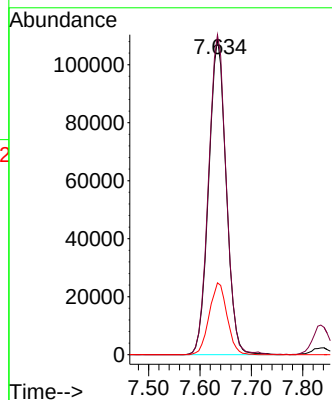
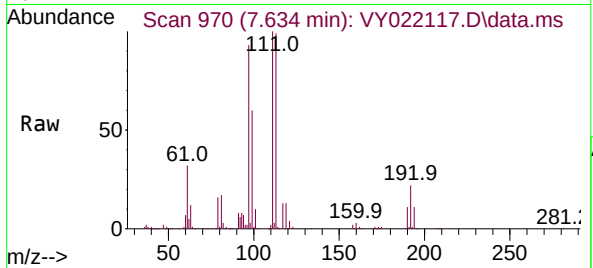




#35
Dibromofluoromethane
Concen: 49.326 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

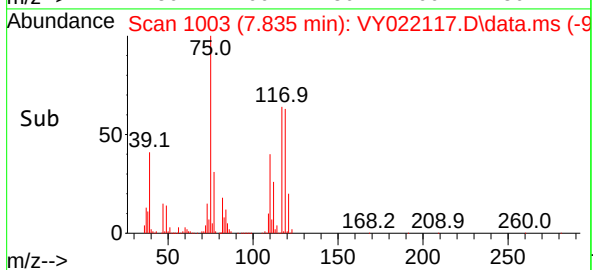
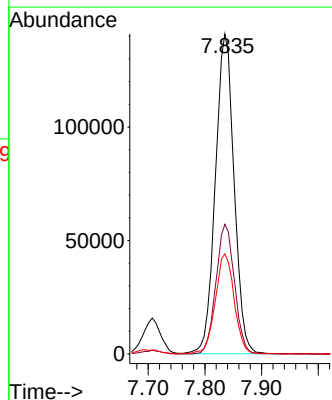
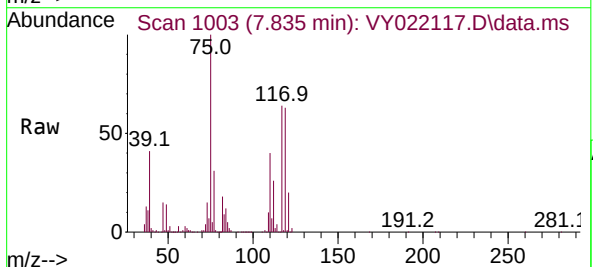
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

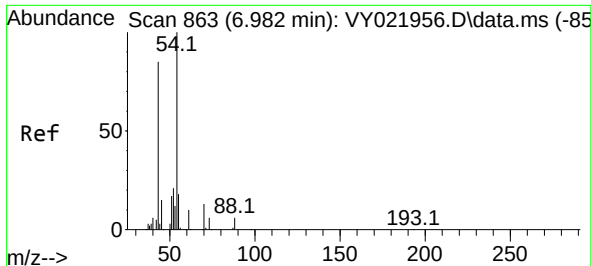
Tgt Ion:113 Resp: 256764
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 23.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 46.228 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 75 Resp: 323237
Ion Ratio Lower Upper
75 100
110 40.1 19.1 57.3
77 31.8 25.5 38.3





#37

Ethyl Acetate

Concen: 47.048 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

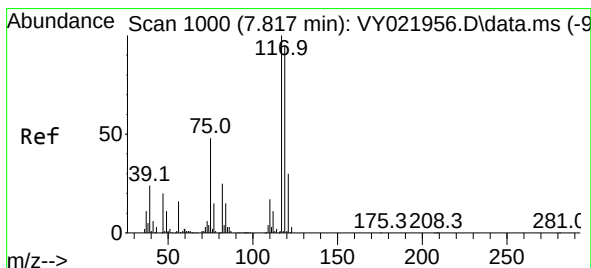
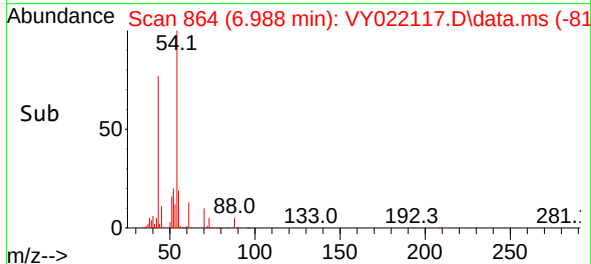
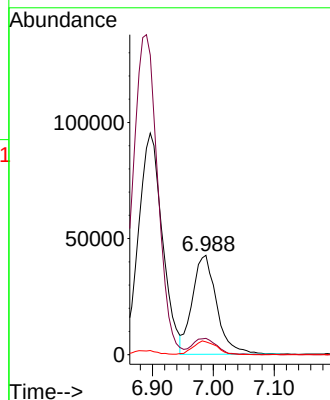
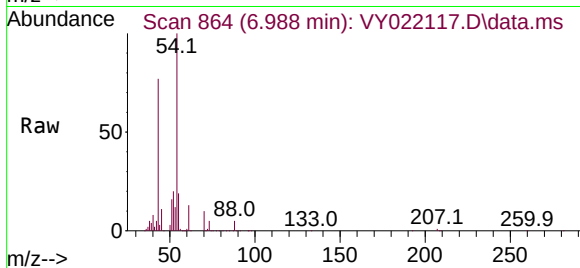
Tgt Ion: 43 Resp: 118152

Ion Ratio Lower Upper

43 100

61 16.3 13.8 20.6

70 13.5 9.2 13.8



#38

Carbon Tetrachloride

Concen: 48.498 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

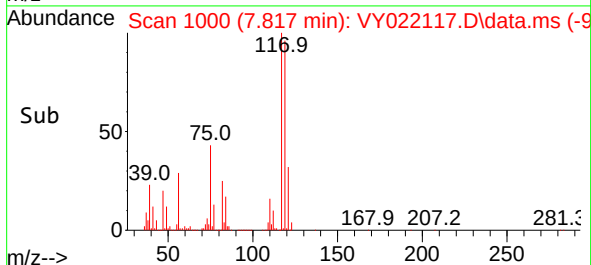
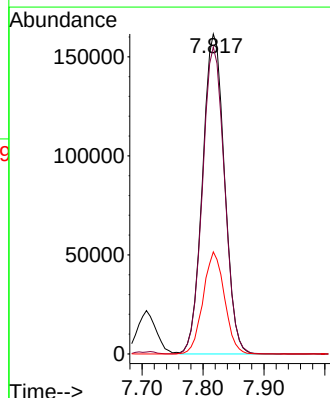
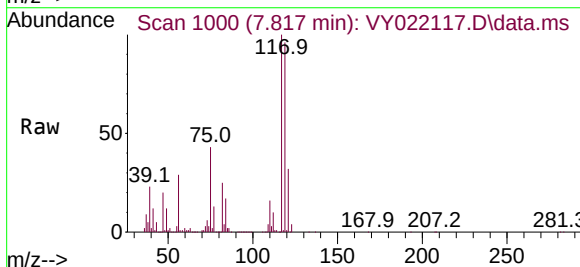
Tgt Ion: 117 Resp: 405212

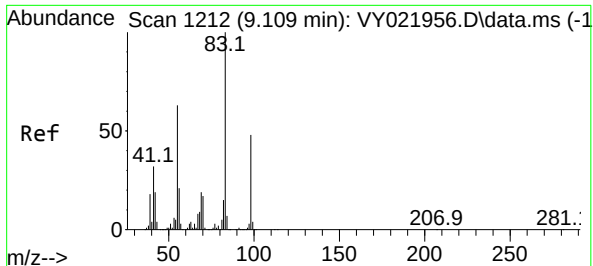
Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.4

121 31.9 24.0 36.0





#39

Methylcyclohexane

Concen: 46.900 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

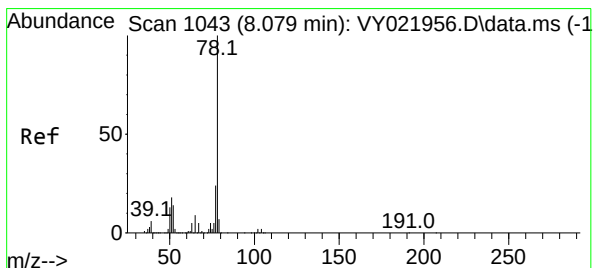
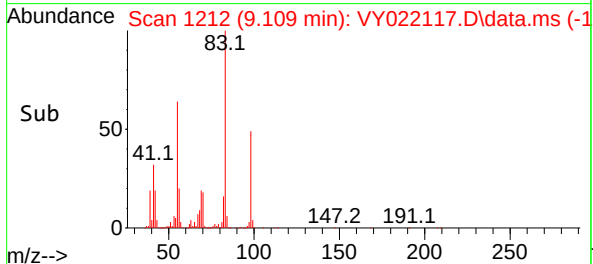
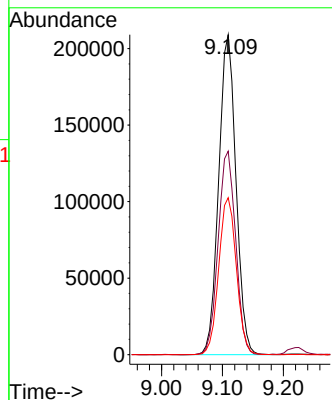
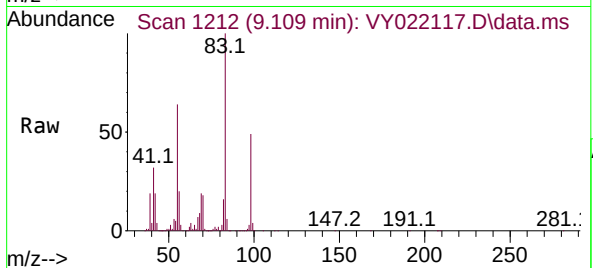
Tgt Ion: 83 Resp: 412692

Ion Ratio Lower Upper

83 100

55 63.6 50.6 75.8

98 49.0 38.6 58.0



#40

Benzene

Concen: 47.922 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022117.D

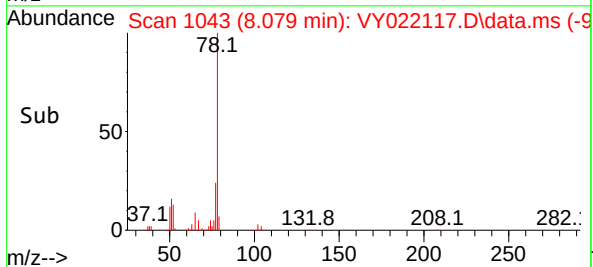
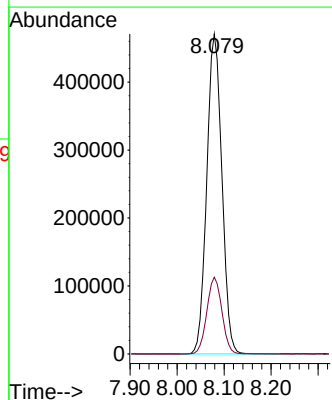
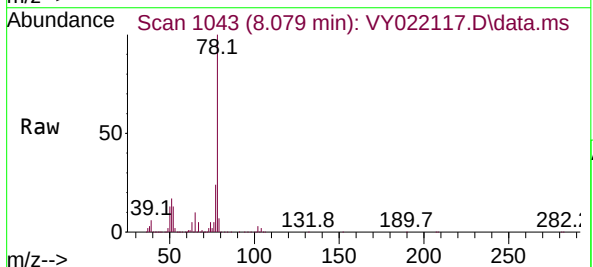
Acq: 01 May 2025 19:08

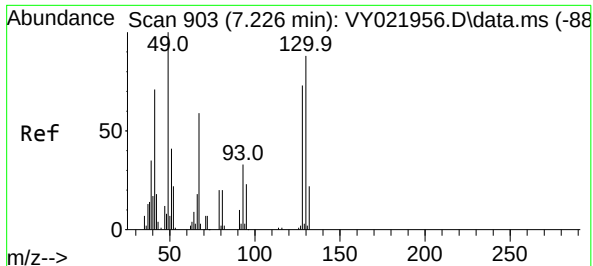
Tgt Ion: 78 Resp: 1047462

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



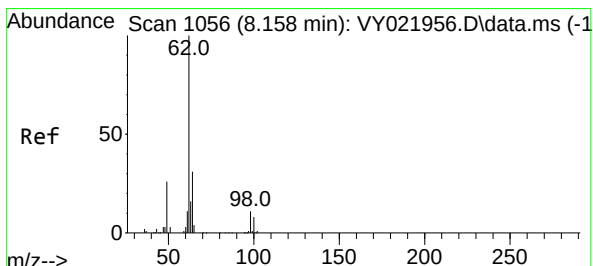
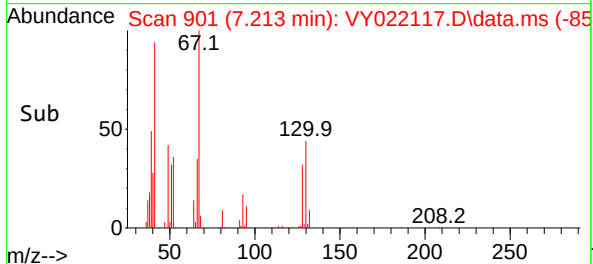
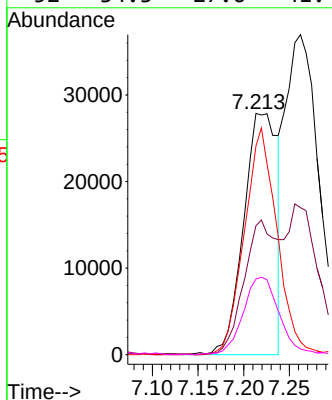
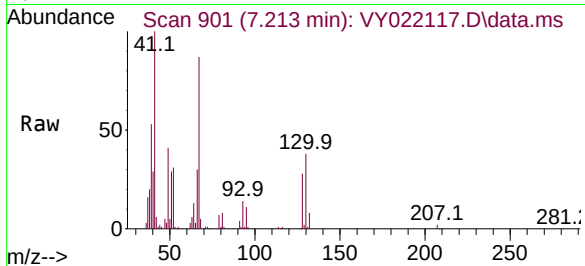


#41
Methacrylonitrile
Concen: 52.167 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 71615

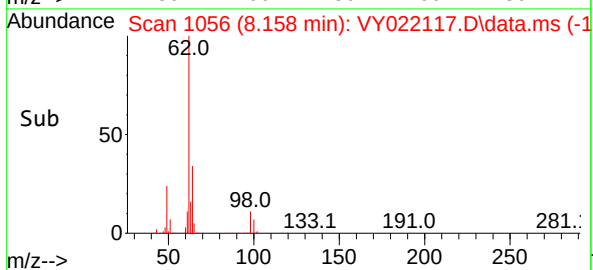
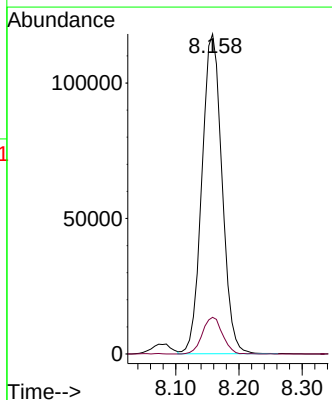
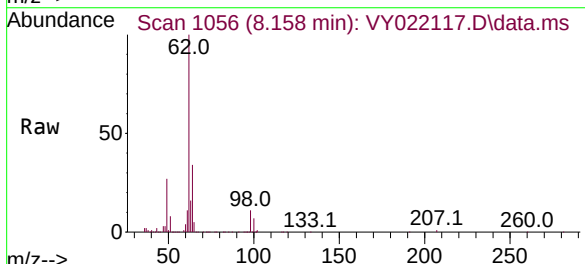
Ion	Ratio	Lower	Upper
41	100		
39	53.5	36.6	55.0
67	91.9	72.2	108.4
52	34.3	27.6	41.4

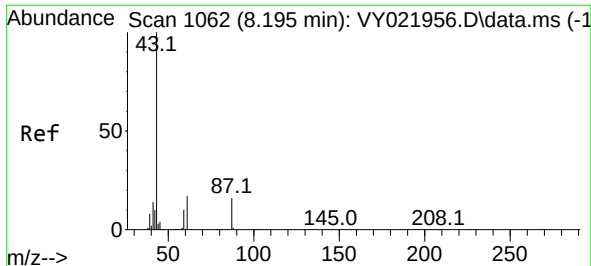


#42
1,2-Dichloroethane
Concen: 48.211 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 62 Resp: 260898

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0

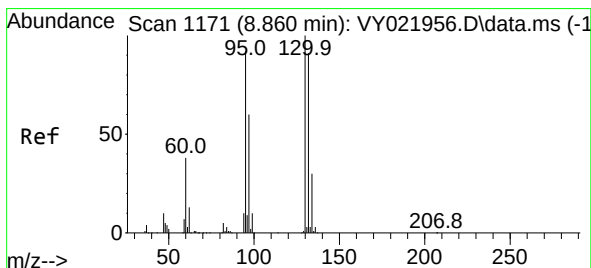
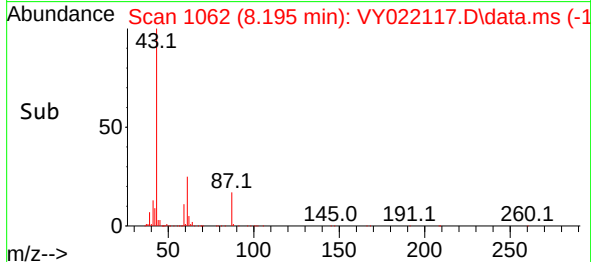
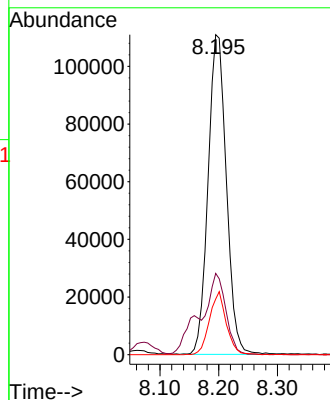
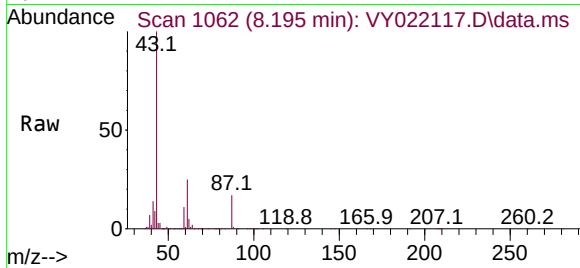




#43
Isopropyl Acetate
Concen: 49.718 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

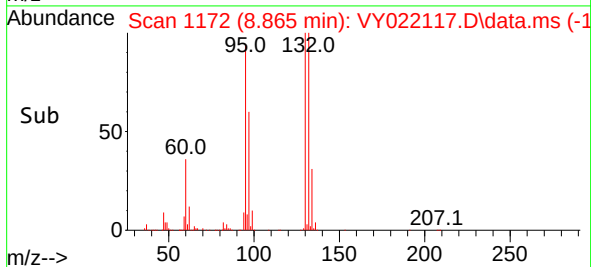
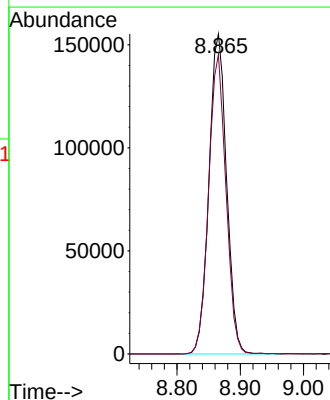
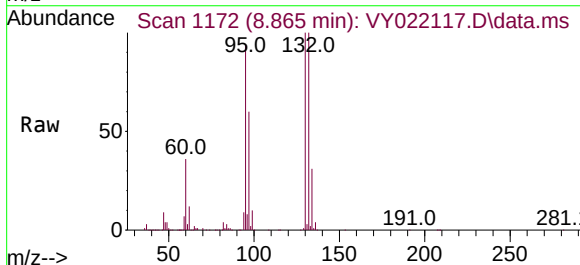
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

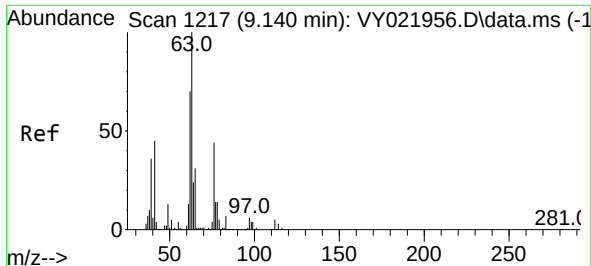
Tgt Ion: 43 Resp: 239777
Ion Ratio Lower Upper
43 100
61 24.6 18.9 28.3
87 18.1 13.7 20.5



#44
Trichloroethene
Concen: 49.676 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion:130 Resp: 300752
Ion Ratio Lower Upper
130 100
95 93.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 46.838 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

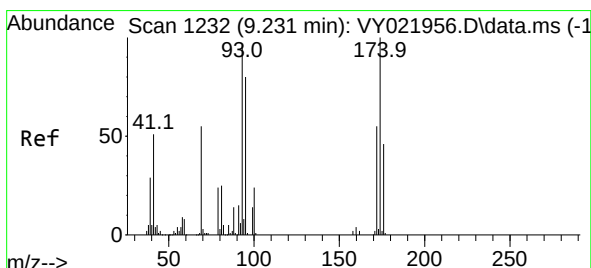
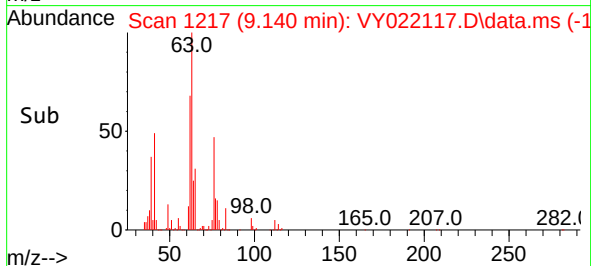
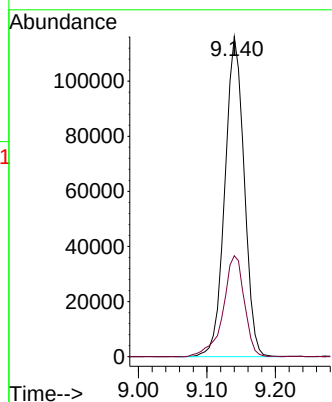
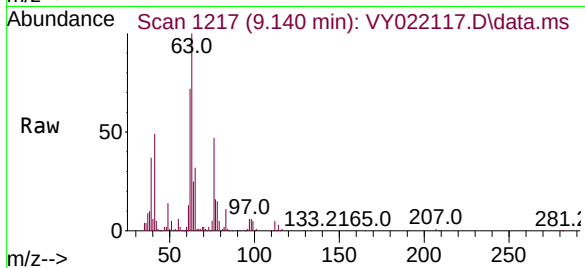
VSTDCCC050EC

Tgt Ion: 63 Resp: 226402

Ion Ratio Lower Upper

63 100

65 31.6 25.2 37.8



#46

Dibromomethane

Concen: 48.316 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

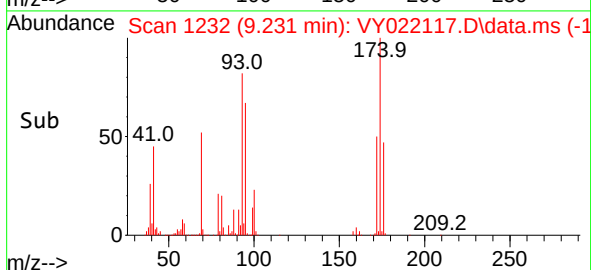
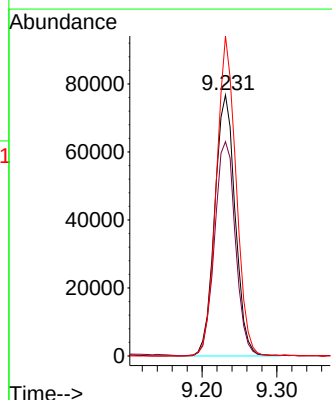
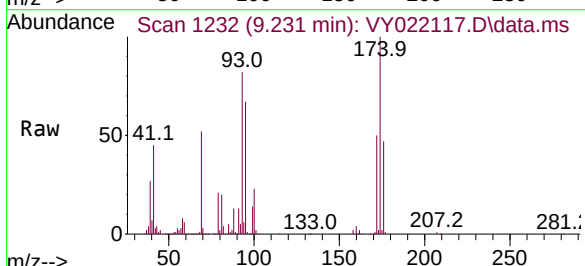
Tgt Ion: 93 Resp: 146196

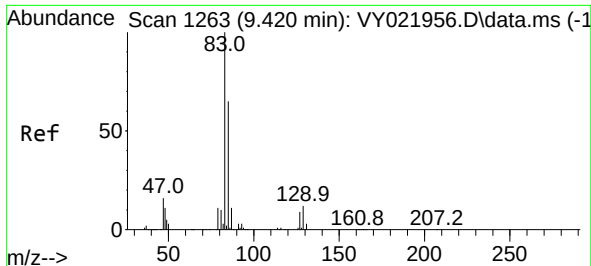
Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 117.9 84.6 127.0

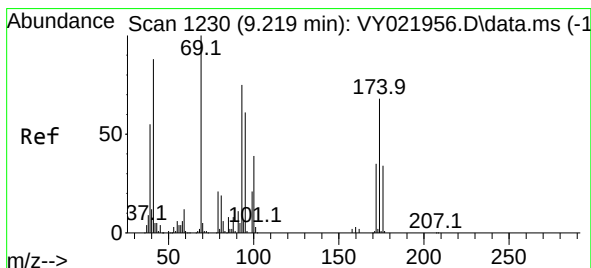
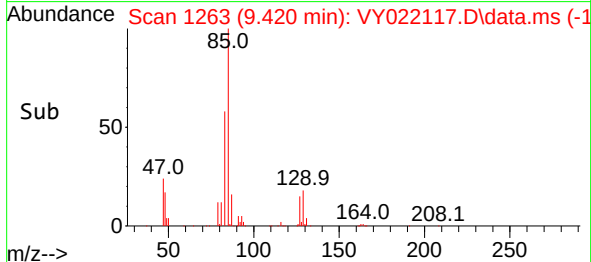
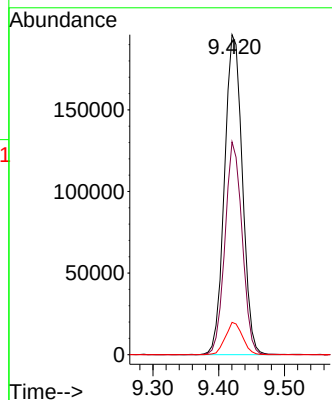
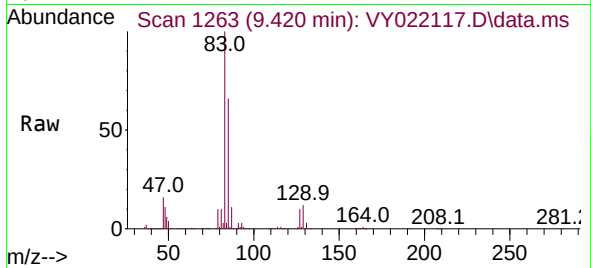




#47
Bromodichloromethane
Concen: 49.076 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

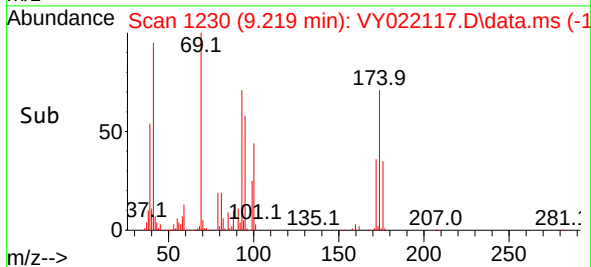
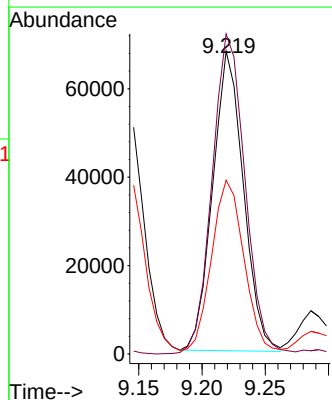
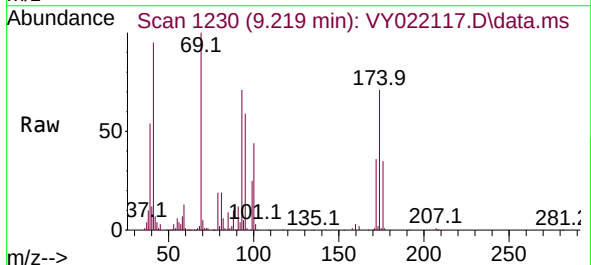
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

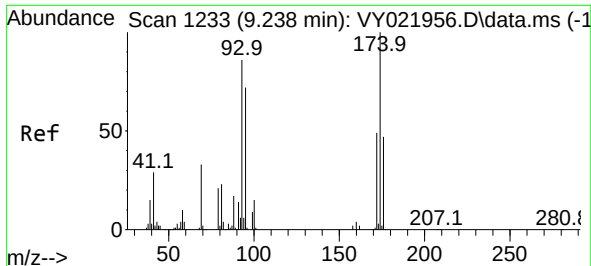
Tgt Ion: 83 Resp: 370965
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8
127 10.1 7.0 10.6



#48
Methyl methacrylate
Concen: 51.420 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 41 Resp: 114638
Ion Ratio Lower Upper
41 100
69 114.0 85.5 128.3
39 59.3 46.2 69.4





#49

1,4-Dioxane

Concen: 983.083 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

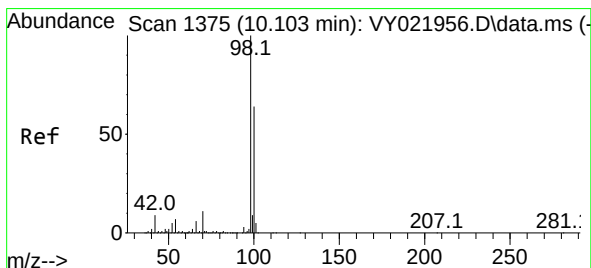
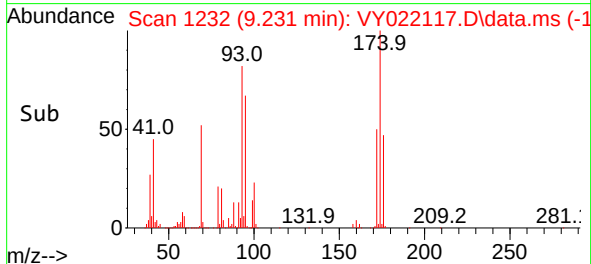
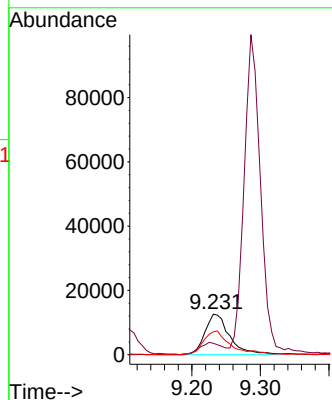
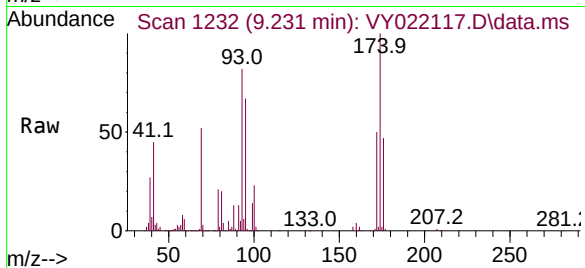
Tgt Ion: 88 Resp: 31705

Ion Ratio Lower Upper

88 100

43 27.1 21.3 31.9

58 63.9 50.5 75.7



#50

Toluene-d8

Concen: 47.459 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022117.D

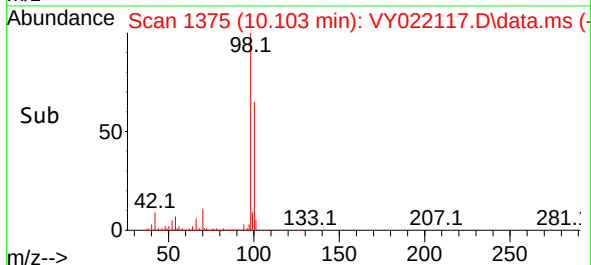
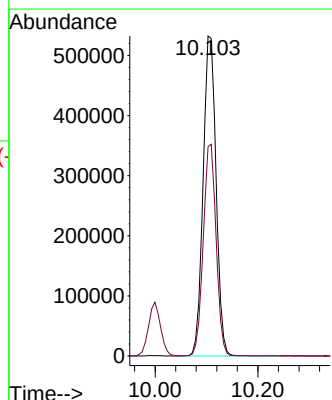
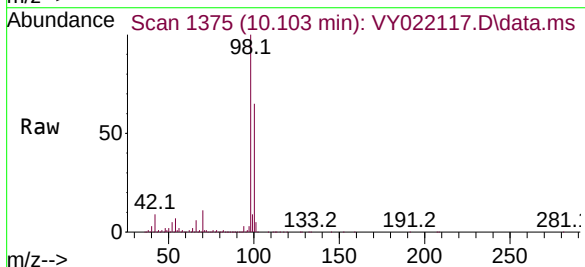
Acq: 01 May 2025 19:08

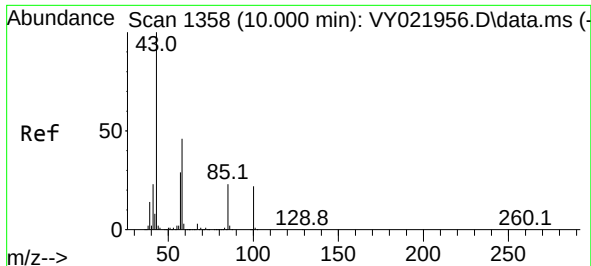
Tgt Ion: 98 Resp: 931345

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

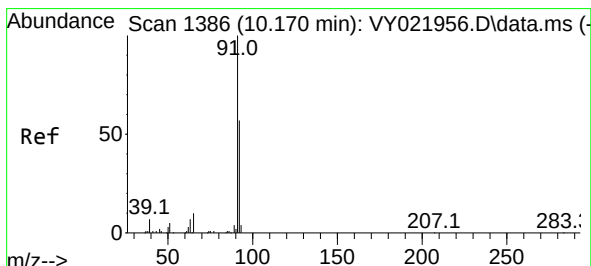
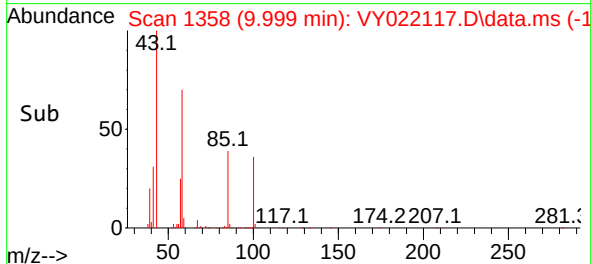
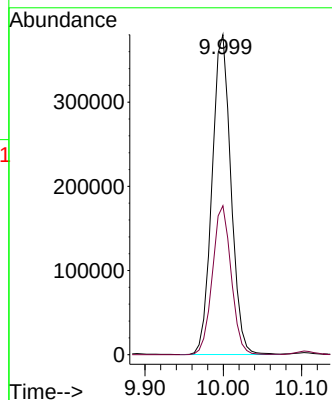
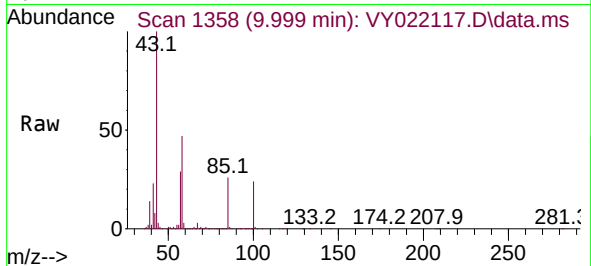




#51
4-Methyl-2-Pentanone
Concen: 251.616 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

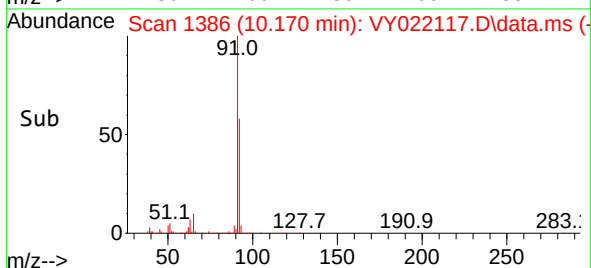
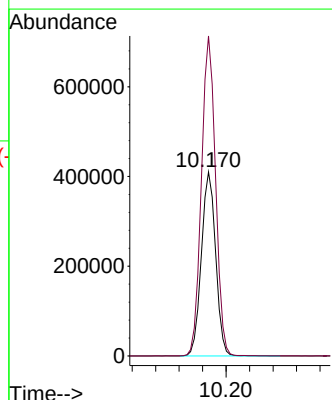
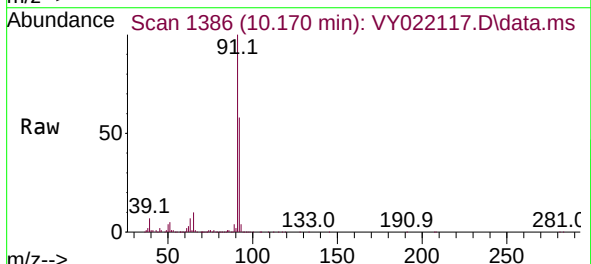
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

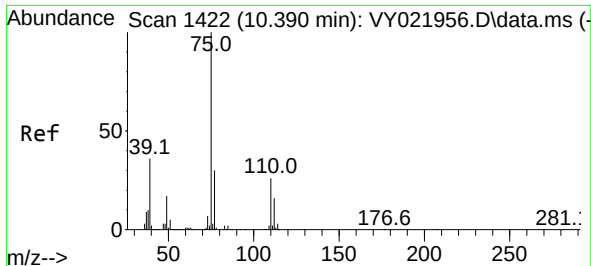
Tgt Ion: 43 Resp: 636116
Ion Ratio Lower Upper
43 100
58 46.3 36.6 55.0



#52
Toluene
Concen: 48.855 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 92 Resp: 691233
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

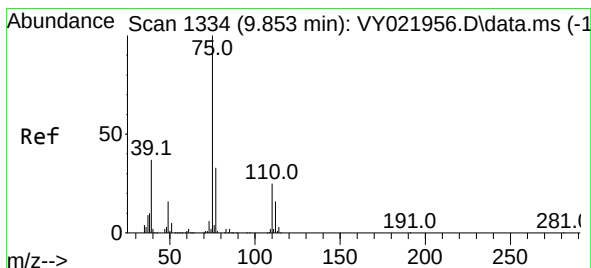
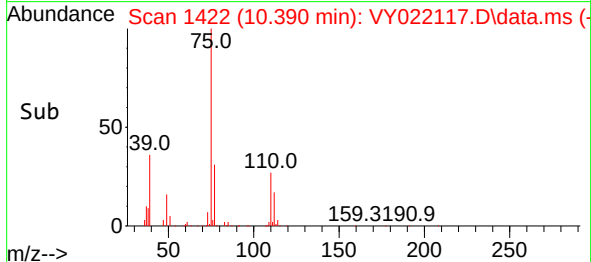
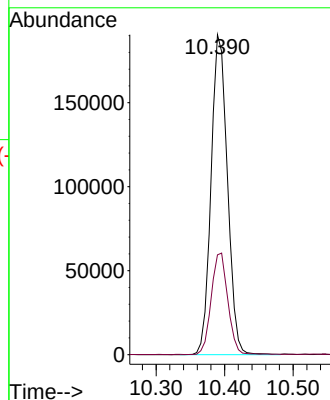
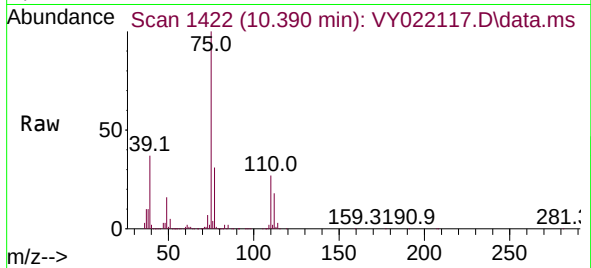




#53
t-1,3-Dichloropropene
Concen: 48.687 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

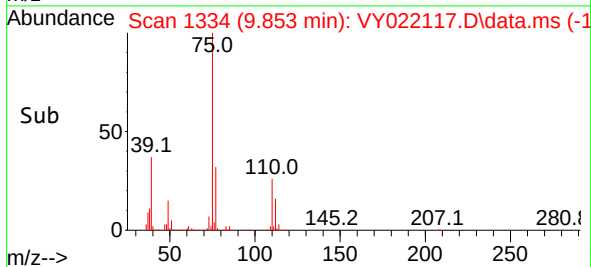
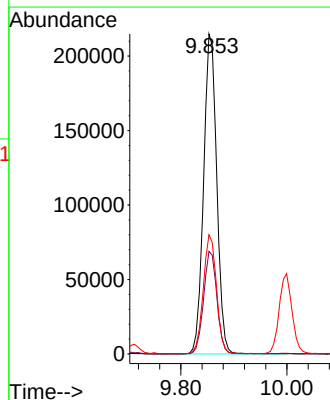
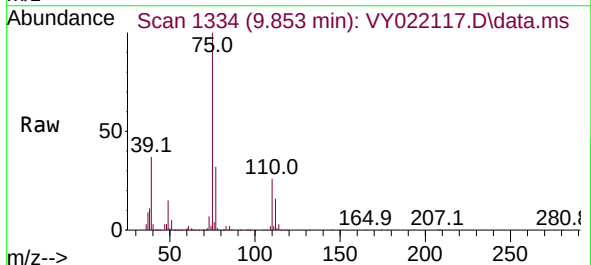
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

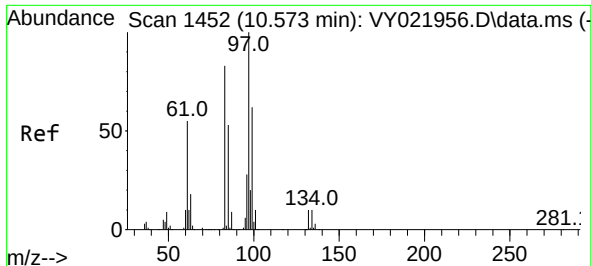
Tgt Ion: 75 Resp: 315674
Ion Ratio Lower Upper
75 100
77 31.1 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 48.026 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 75 Resp: 370153
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
39 37.1 29.6 44.4



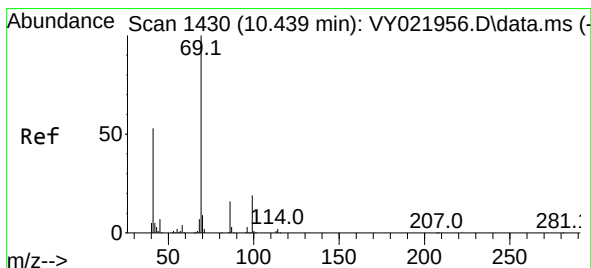
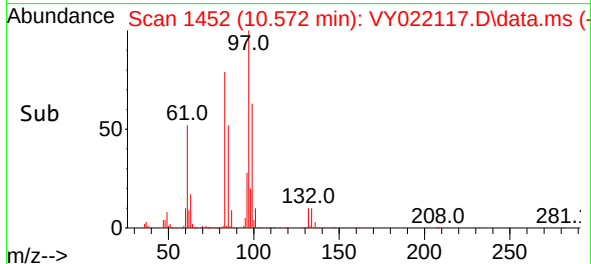
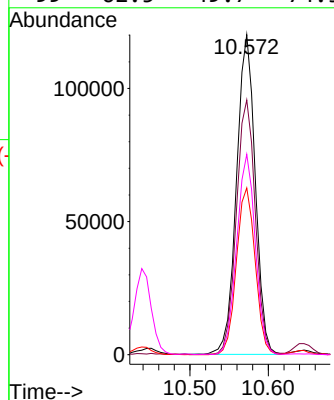
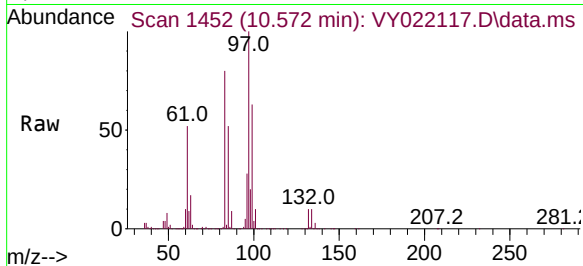


#55
1,1,2-Trichloroethane
Concen: 49.394 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 199643

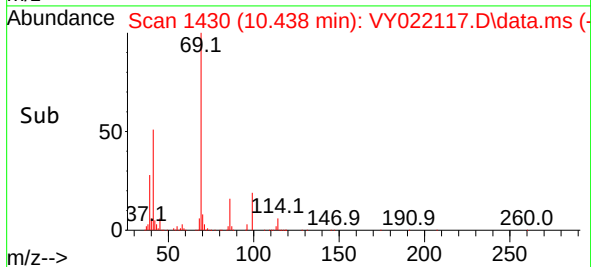
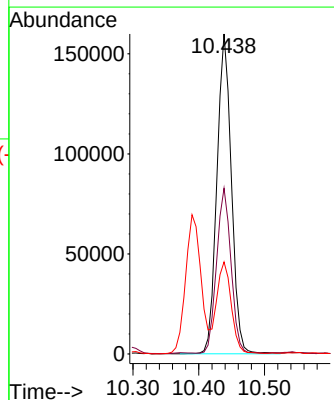
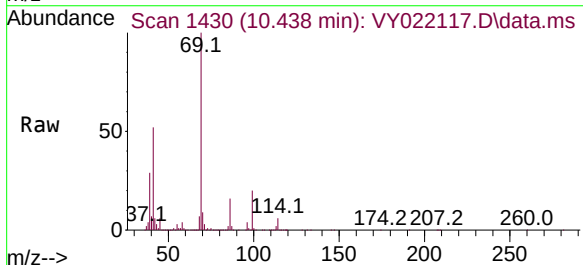
Ion	Ratio	Lower	Upper
97	100		
83	79.6	66.7	100.1
85	52.1	42.6	64.0
99	62.5	49.7	74.5

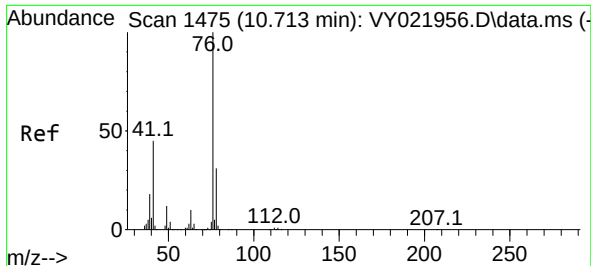


#56
Ethyl methacrylate
Concen: 53.079 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 69 Resp: 245334

Ion	Ratio	Lower	Upper
69	100		
41	51.1	40.7	61.1
39	29.2	23.3	34.9





#57

1,3-Dichloropropane

Concen: 48.460 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

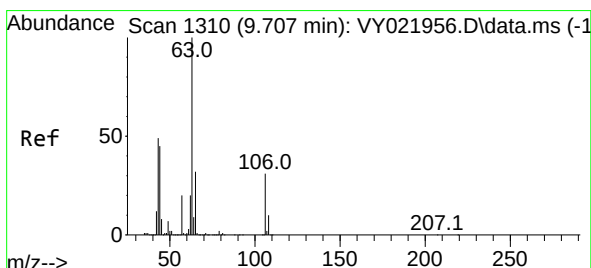
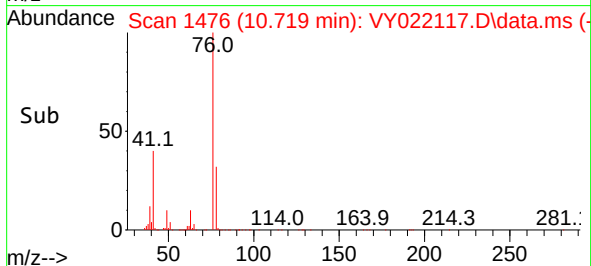
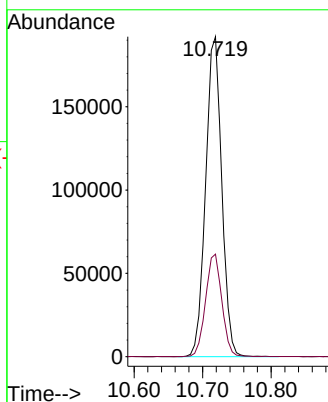
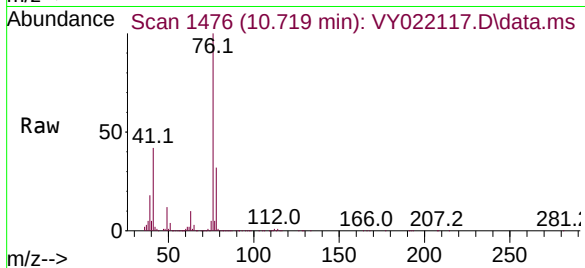
VSTDCCC050EC

Tgt Ion: 76 Resp: 314000

Ion Ratio Lower Upper

76 100

78 32.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.249 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022117.D

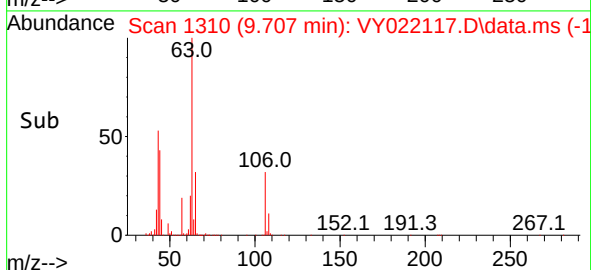
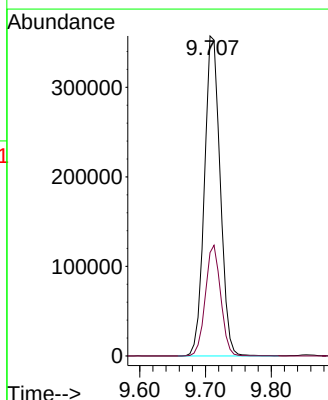
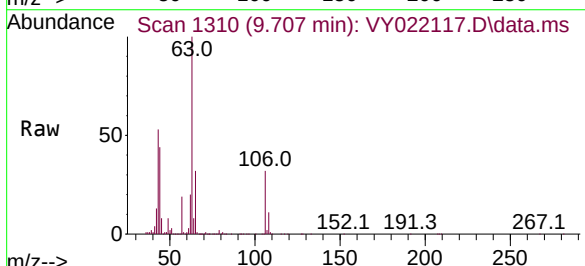
Acq: 01 May 2025 19:08

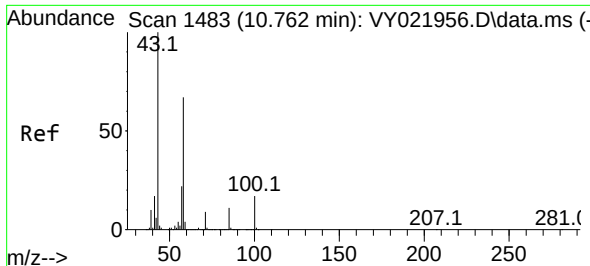
Tgt Ion: 63 Resp: 597172

Ion Ratio Lower Upper

63 100

106 33.6 25.3 37.9

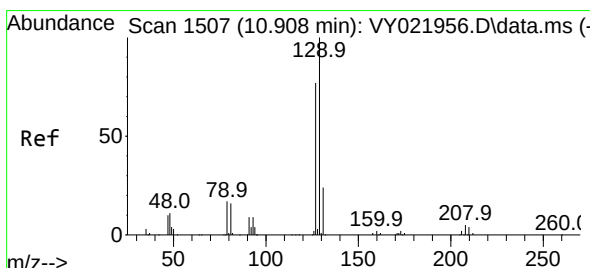
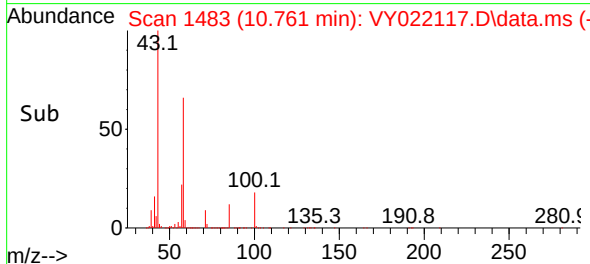
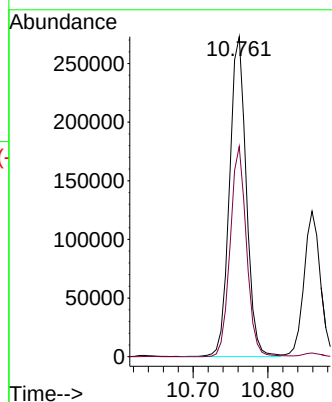
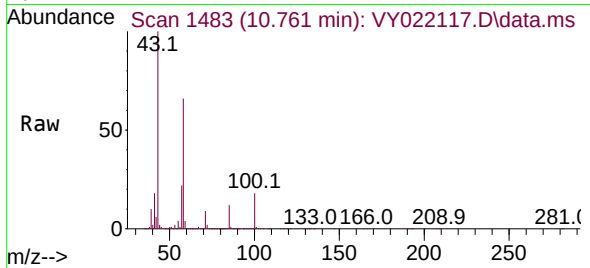




#59
2-Hexanone
Concen: 255.220 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

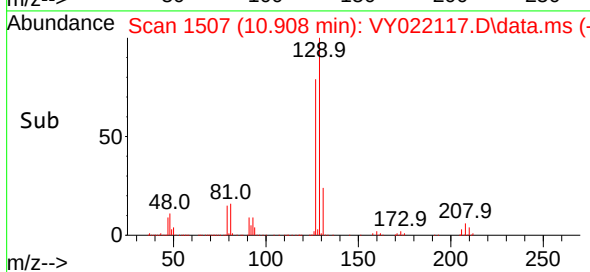
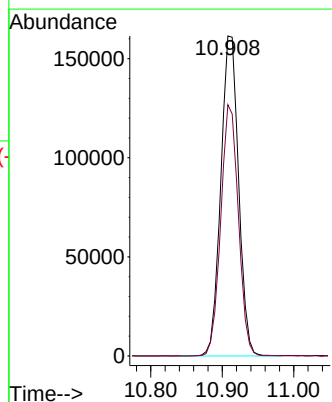
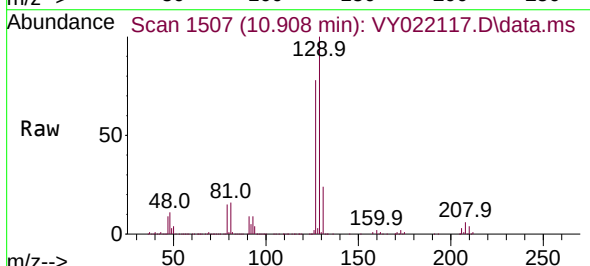
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

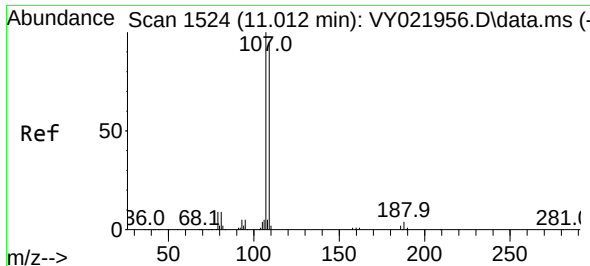
Tgt Ion: 43 Resp: 425582
Ion Ratio Lower Upper
43 100
58 64.2 32.0 96.0



#60
Dibromochloromethane
Concen: 49.834 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 129 Resp: 278863
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

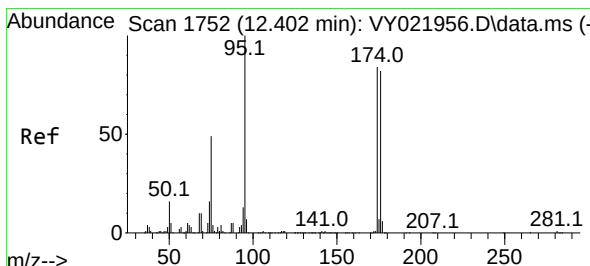
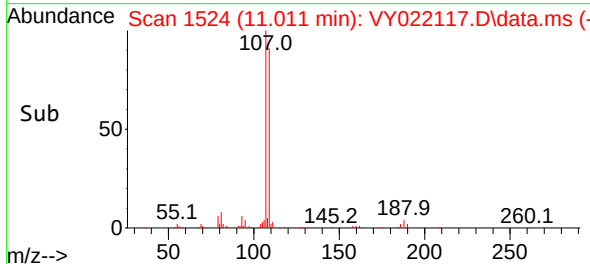
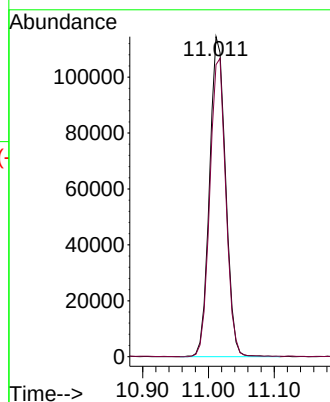
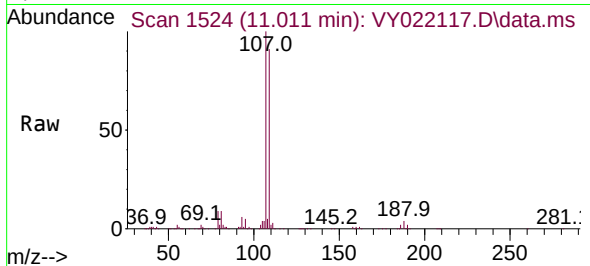




#61
1,2-Dibromoethane
Concen: 50.932 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

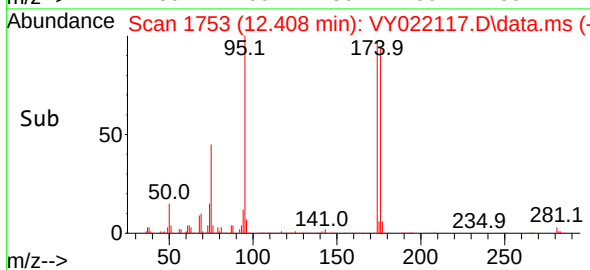
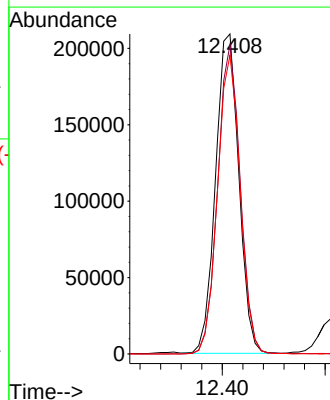
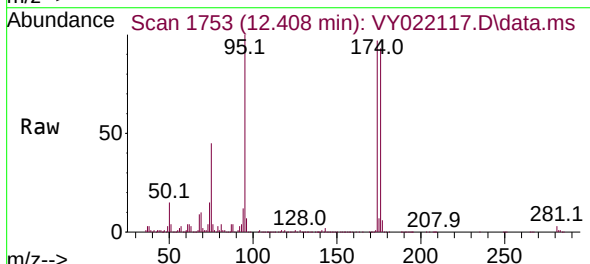
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

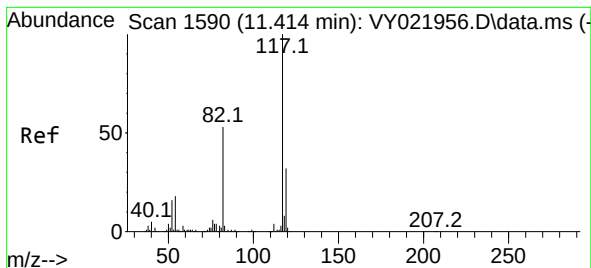
Tgt Ion:107 Resp: 194344
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.712 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 95 Resp: 328413
Ion Ratio Lower Upper
95 100
174 93.7 0.0 179.0
176 91.1 0.0 171.8

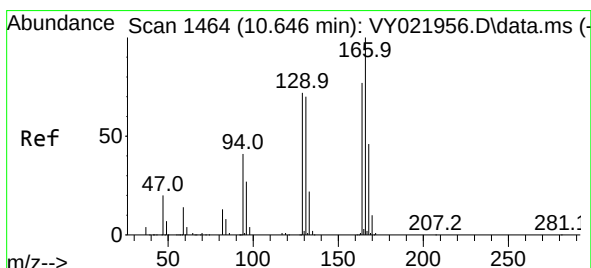
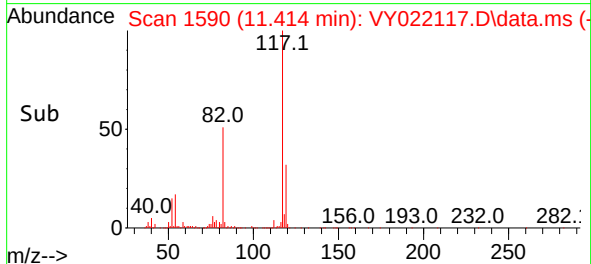
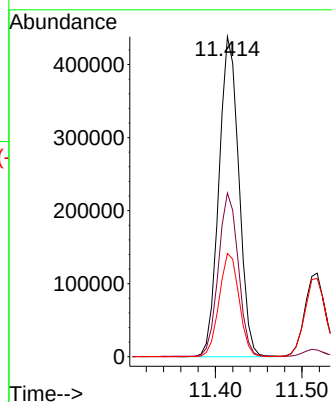
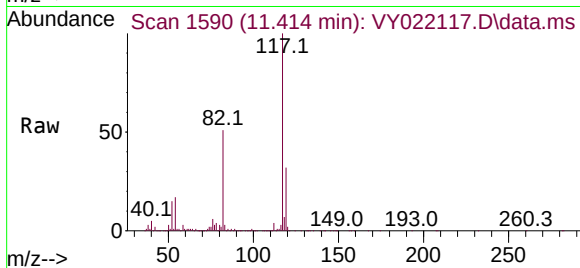




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

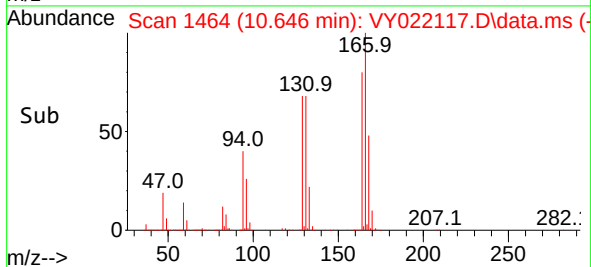
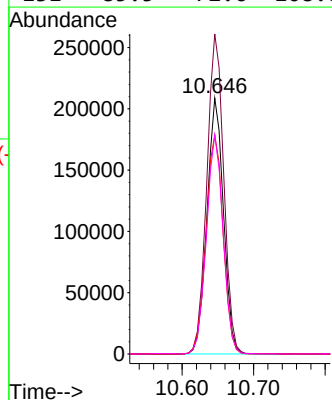
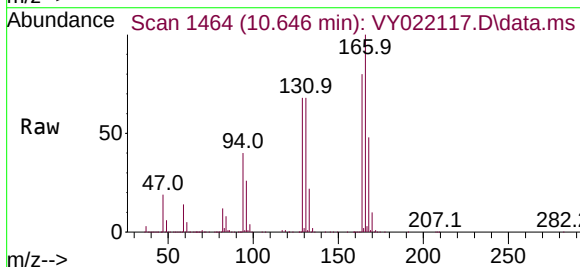
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

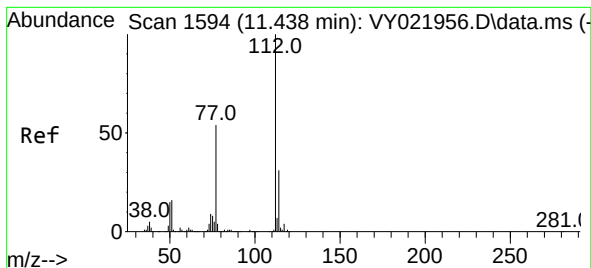
Tgt Ion:117 Resp: 699813
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 50.834 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion:164 Resp: 335593
Ion Ratio Lower Upper
164 100
166 125.1 103.6 155.4
129 85.6 74.2 111.4
131 85.5 72.6 108.8

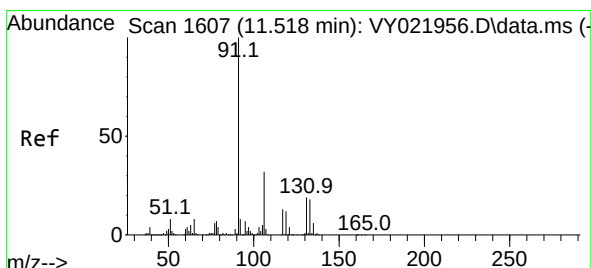
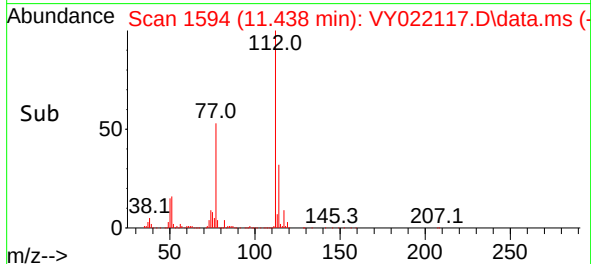
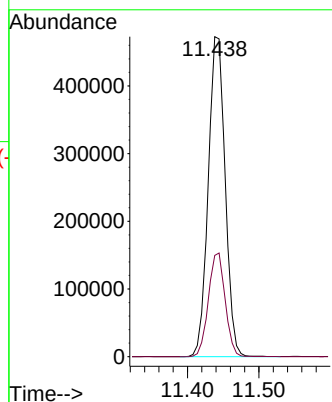
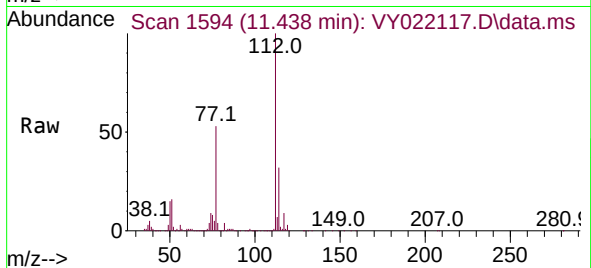




#65
Chlorobenzene
Concen: 49.658 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

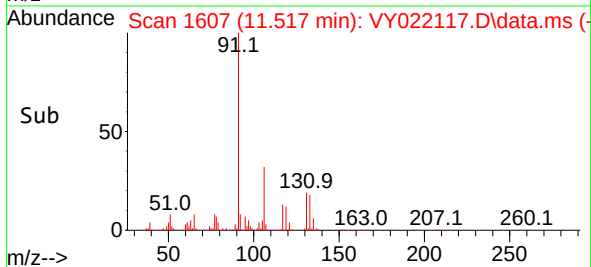
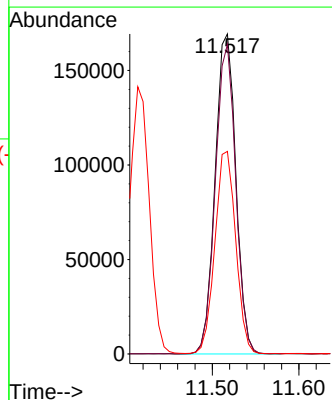
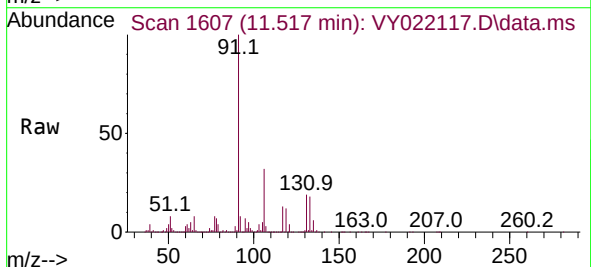
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

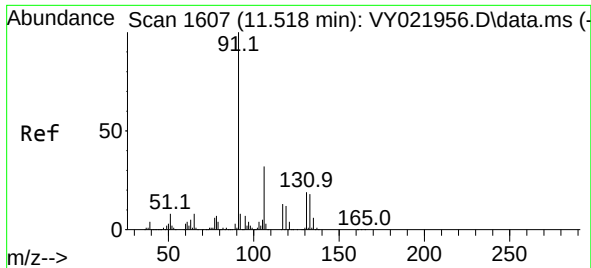
Tgt Ion:112 Resp: 777130
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.163 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion:131 Resp: 281882
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 63.6 32.4 97.0

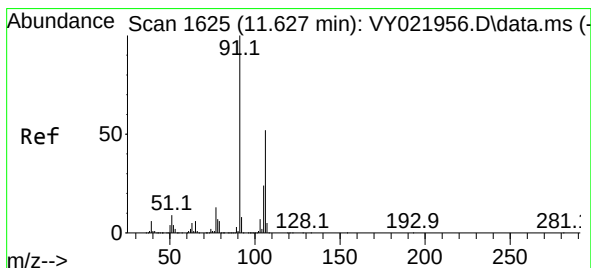
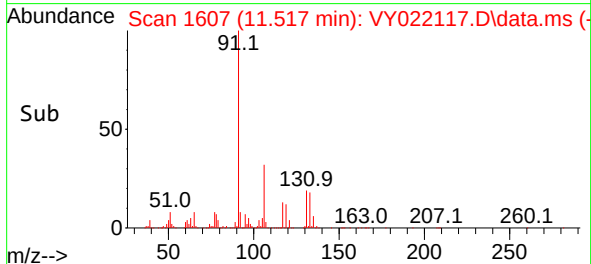
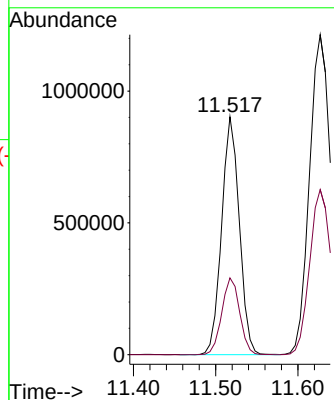
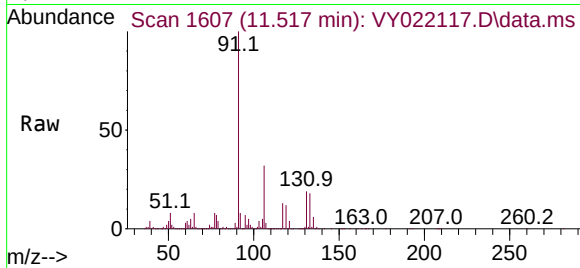




#67
Ethyl Benzene
Concen: 52.548 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

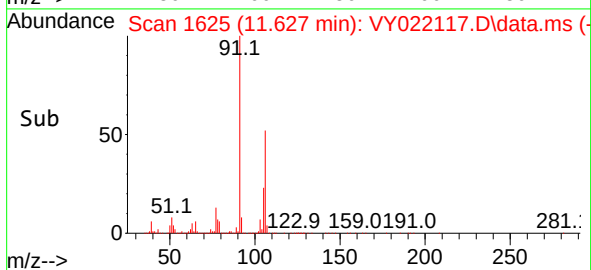
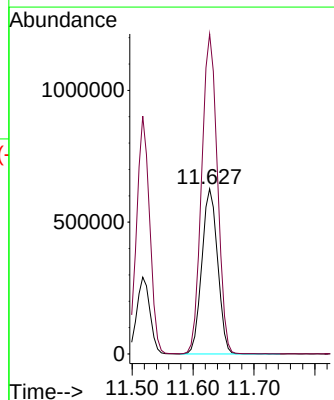
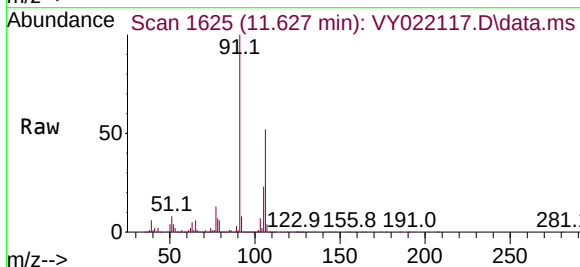
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

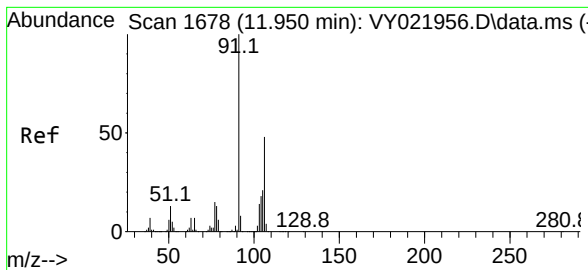
Tgt Ion: 91 Resp: 1345250
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



#68
m/p-Xylenes
Concen: 110.666 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion:106 Resp: 1127340
Ion Ratio Lower Upper
106 100
91 193.4 156.2 234.2

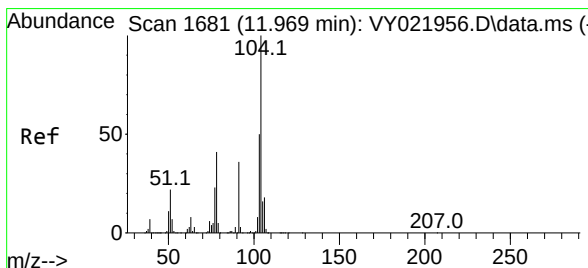
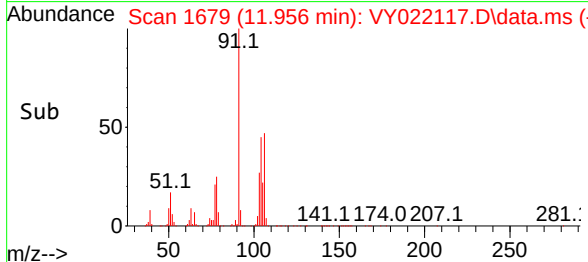
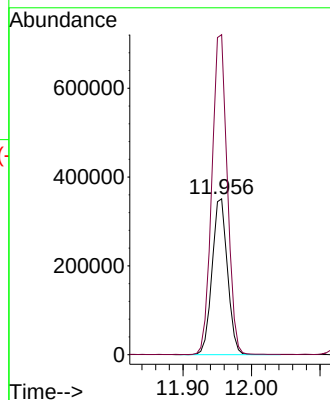
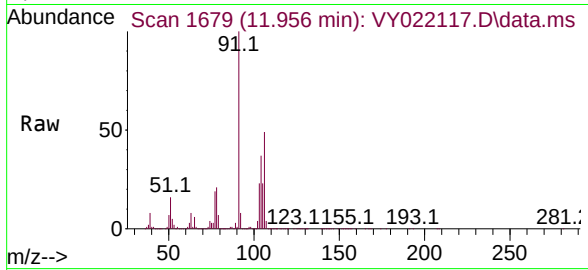




#69
o-Xylene
Concen: 58.218 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

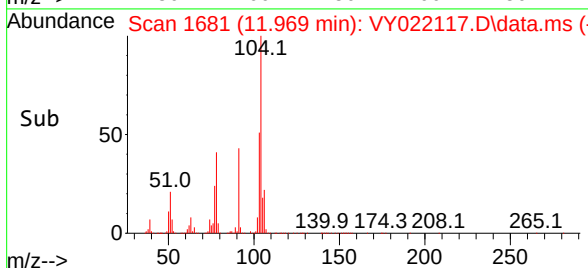
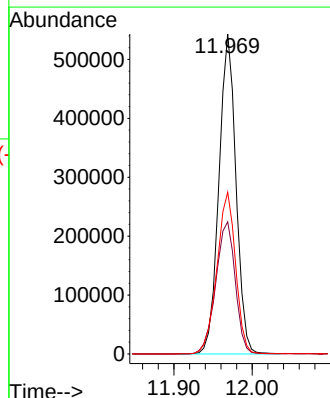
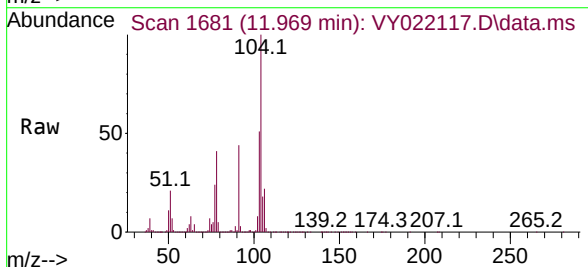
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

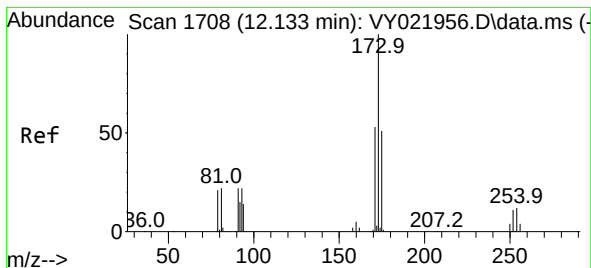
Tgt Ion:106 Resp: 546612
Ion Ratio Lower Upper
106 100
91 206.2 103.0 308.9



#70
Styrene
Concen: 52.252 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion:104 Resp: 823742
Ion Ratio Lower Upper
104 100
78 47.2 36.6 54.8
103 55.4 43.8 65.8





#71

Bromoform

Concen: 54.295 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

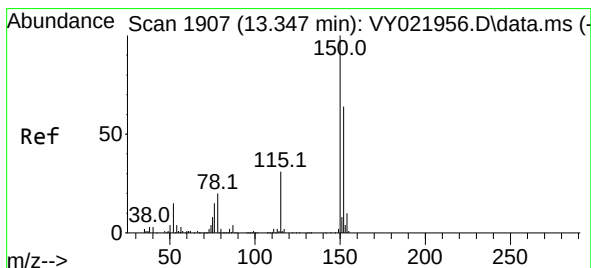
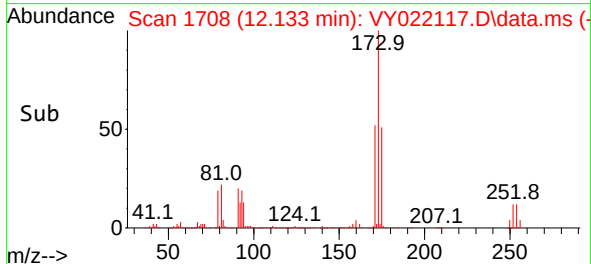
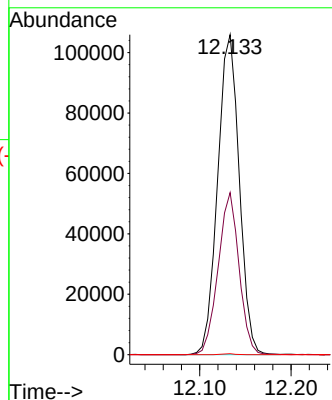
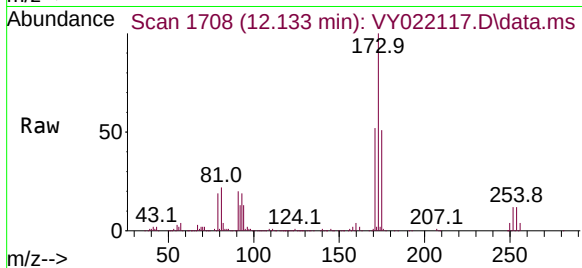
Tgt Ion:173 Resp: 173918

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

254 0.2 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: VY022117.D

Acq: 01 May 2025 19:08

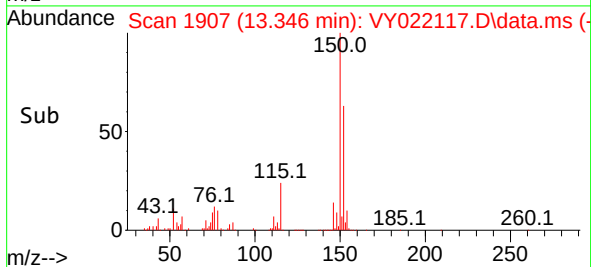
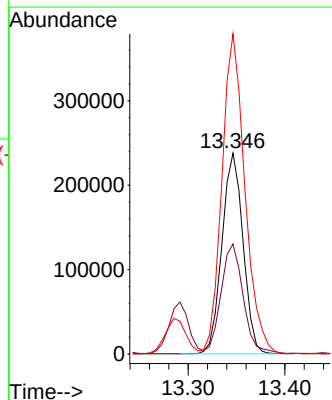
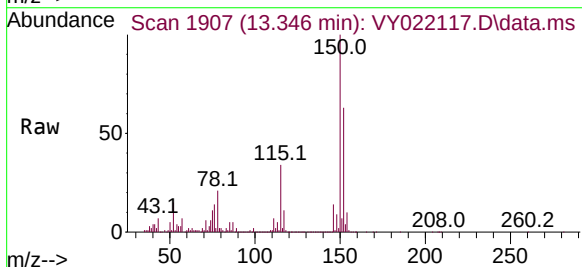
Tgt Ion:152 Resp: 359809

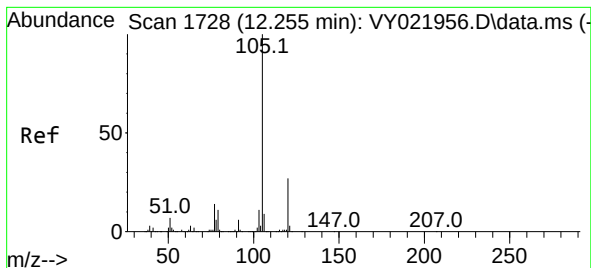
Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 173.7 0.0 345.6





#73

Isopropylbenzene

Concen: 53.304 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

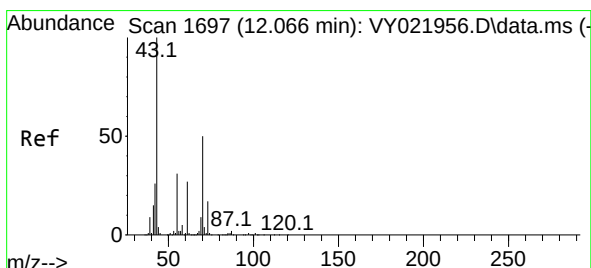
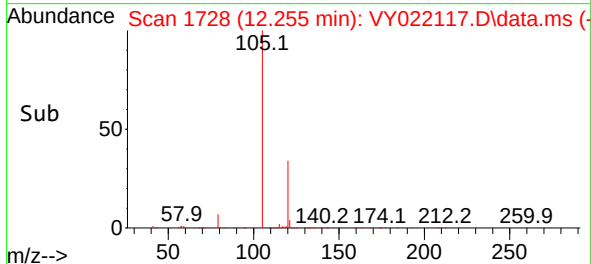
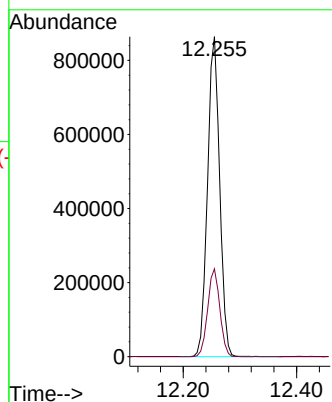
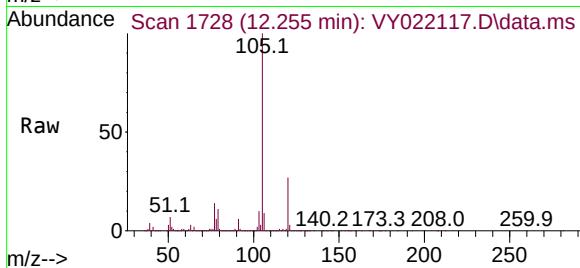
VSTDCCC050EC

Tgt Ion:105 Resp: 1281382

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 51.175 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Tgt Ion: 43 Resp: 211359

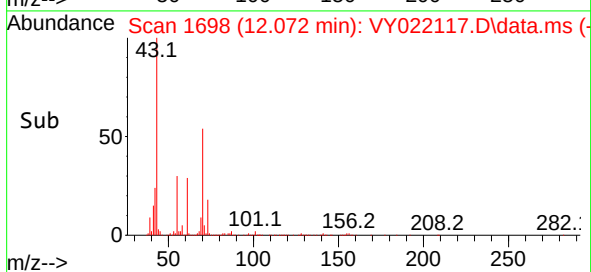
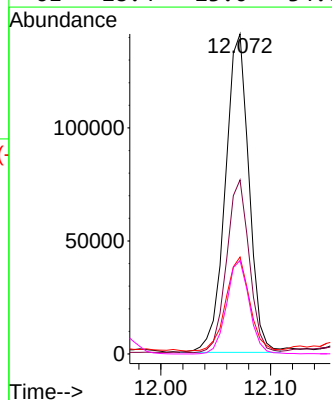
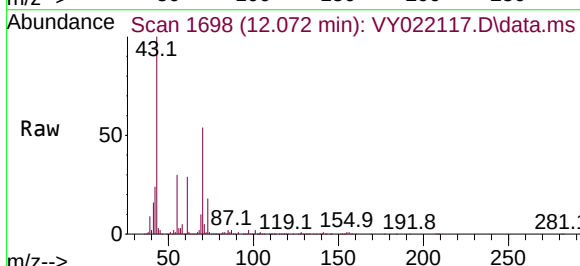
Ion Ratio Lower Upper

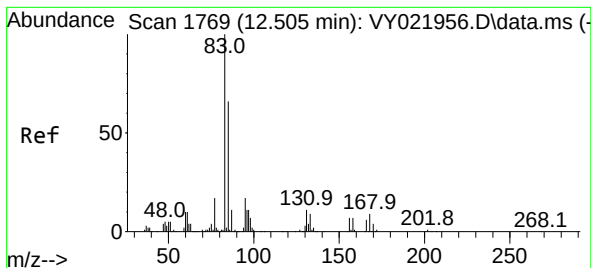
43 100

70 52.1 43.2 64.8

55 29.7 25.7 38.5

61 28.4 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.390 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

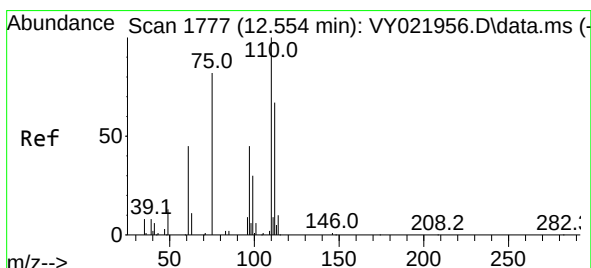
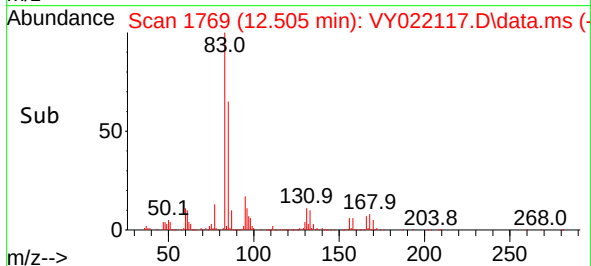
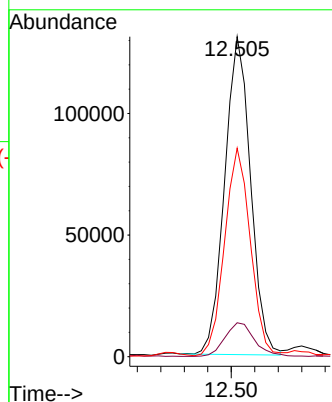
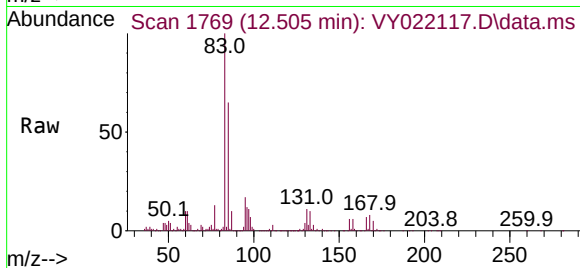
Tgt Ion: 83 Resp: 200173

Ion Ratio Lower Upper

83 100

131 12.1 5.5 16.4

85 65.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 85.438 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022117.D

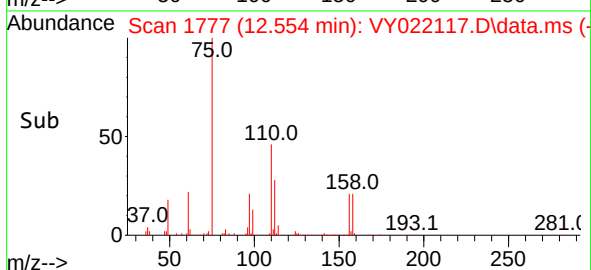
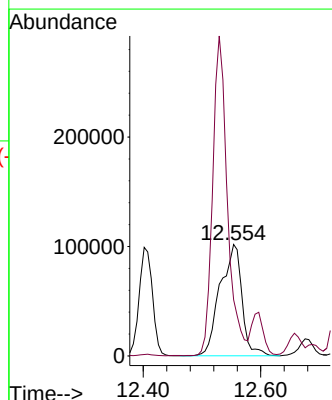
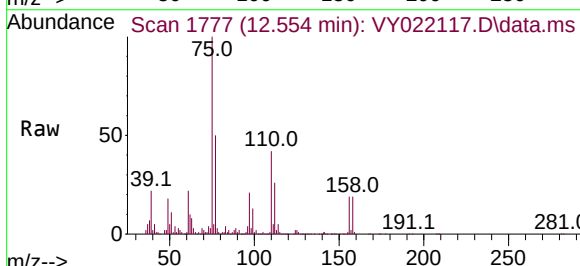
Acq: 01 May 2025 19:08

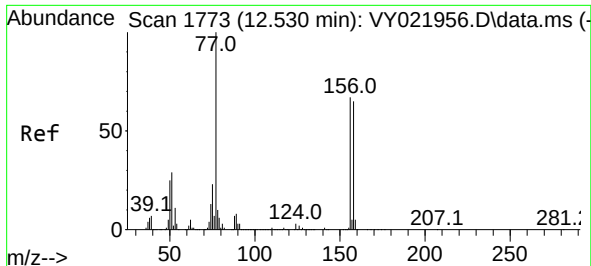
Tgt Ion: 75 Resp: 263316

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

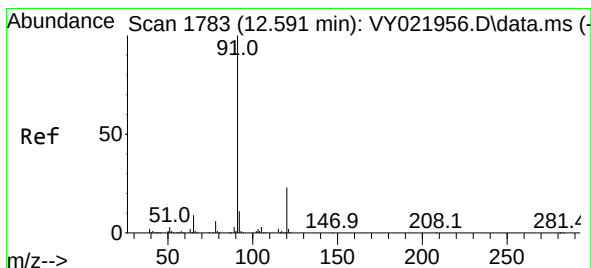
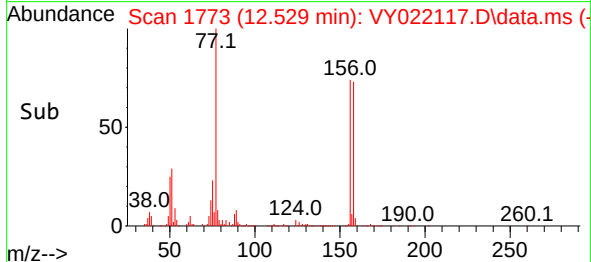
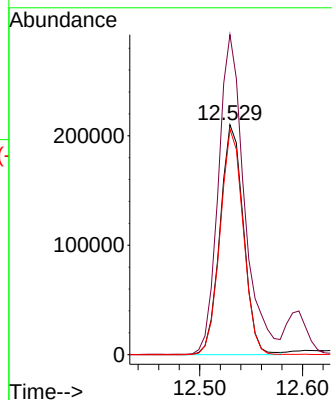
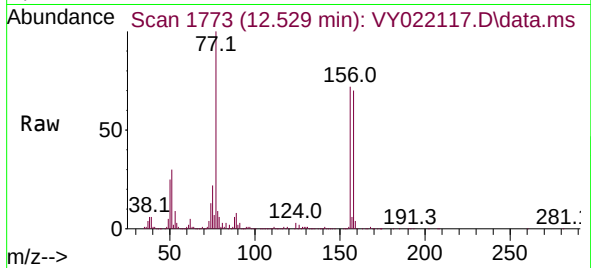




#77
Bromobenzene
Concen: 54.761 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

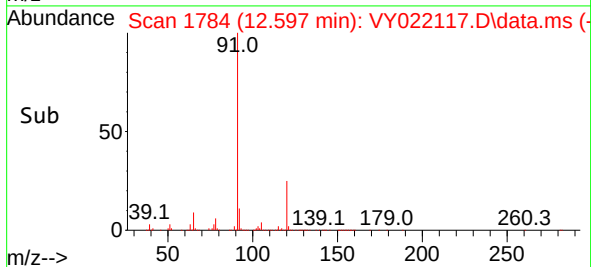
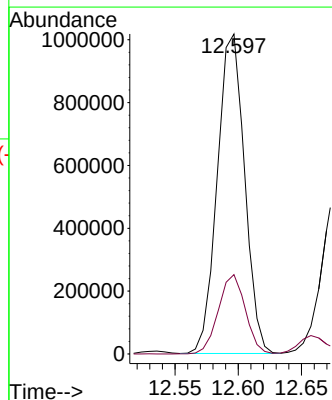
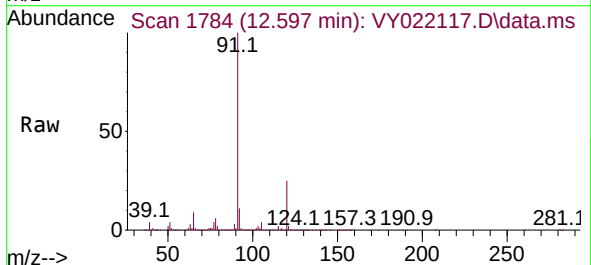
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

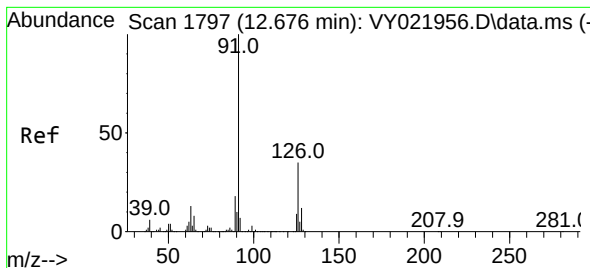
Tgt Ion:156 Resp: 332638
Ion Ratio Lower Upper
156 100
77 154.0 82.7 248.1
158 96.5 48.1 144.4



#78
n-propylbenzene
Concen: 53.341 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 91 Resp: 1527021
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5

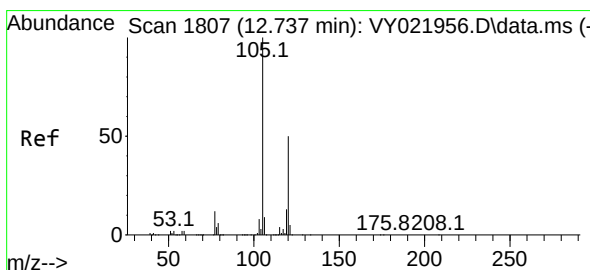
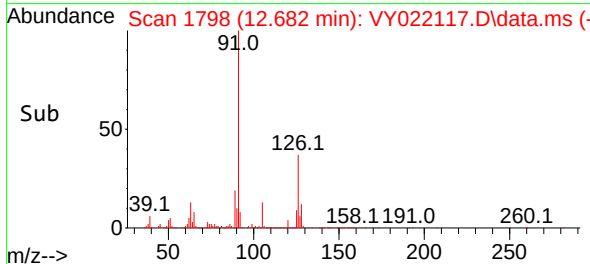
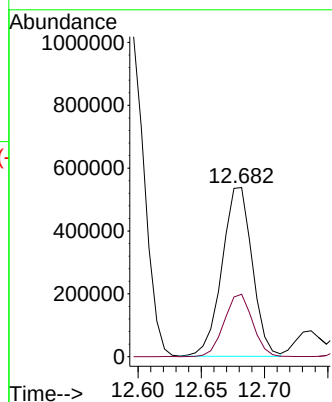
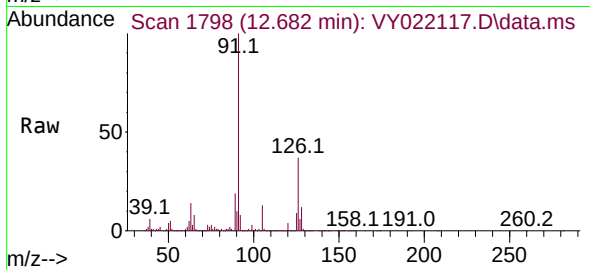




#79
2-Chlorotoluene
Concen: 53.716 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

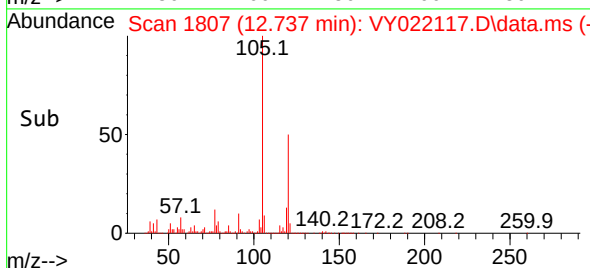
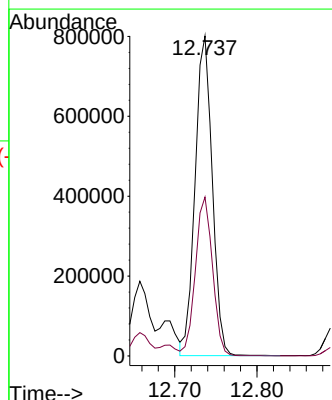
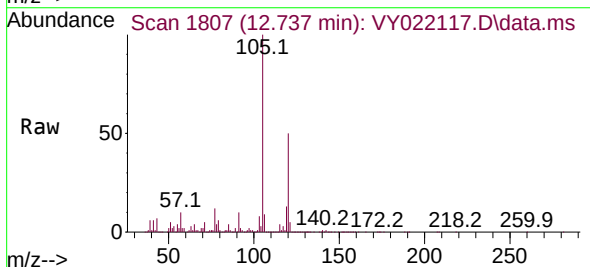
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

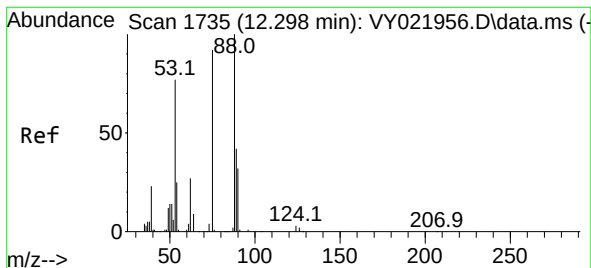
Tgt Ion: 91 Resp: 894301
Ion Ratio Lower Upper
91 100
126 34.8 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 58.524 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 105 Resp: 1159172
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0

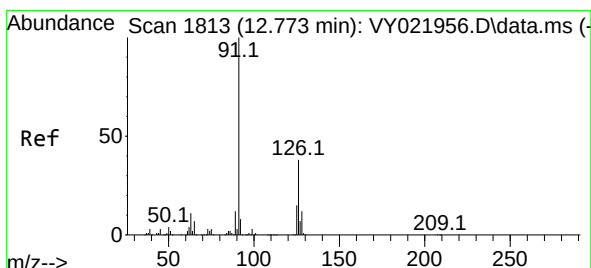
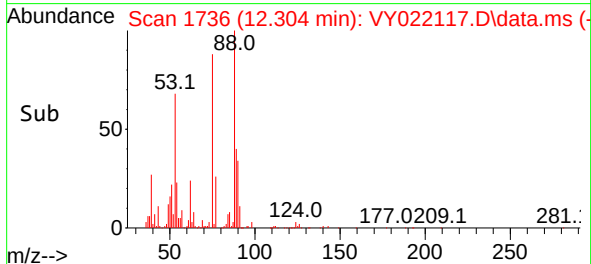
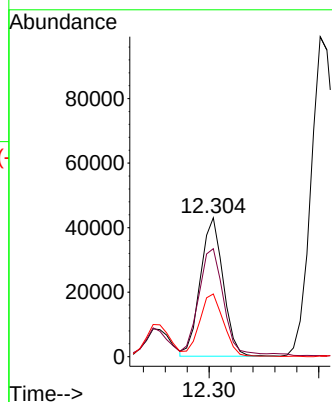
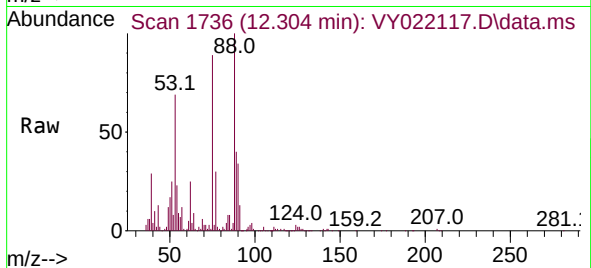




#81
trans-1,4-Dichloro-2-butene
Concen: 48.326 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

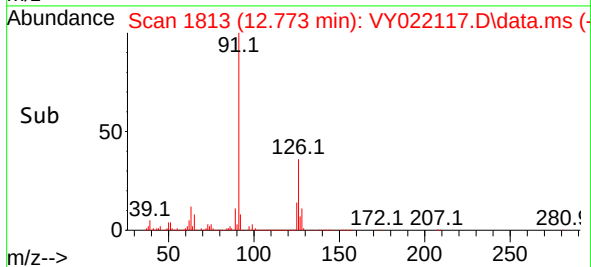
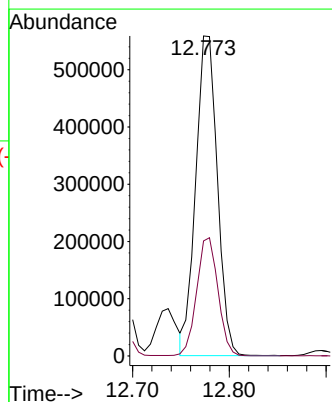
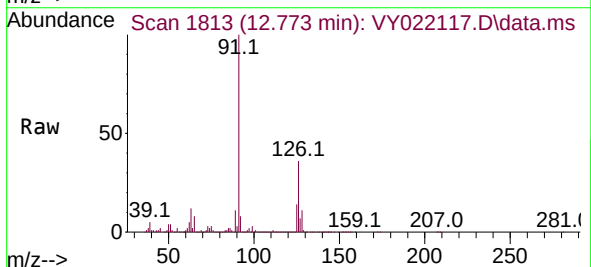
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

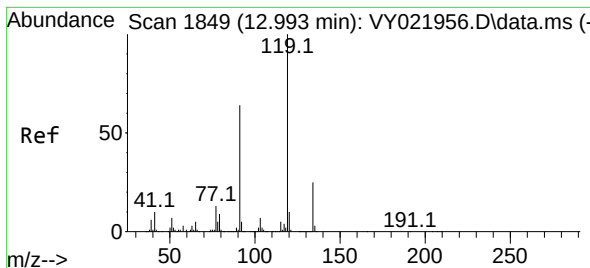
Tgt Ion: 75 Resp: 61847
Ion Ratio Lower Upper
75 100
53 80.8 66.0 99.0
89 48.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 50.246 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022117.D
Acq: 01 May 2025 19:08

Tgt Ion: 91 Resp: 869601
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 54.424 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

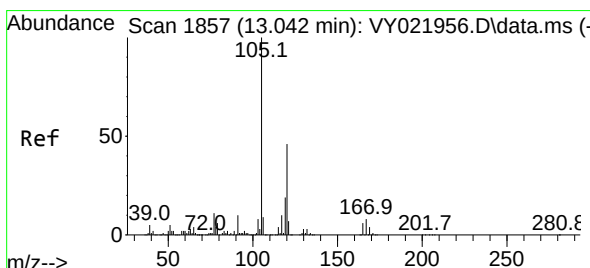
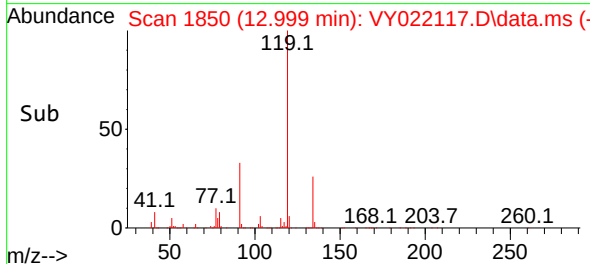
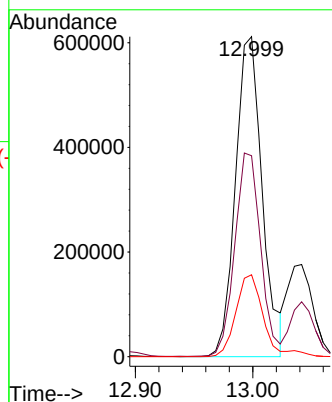
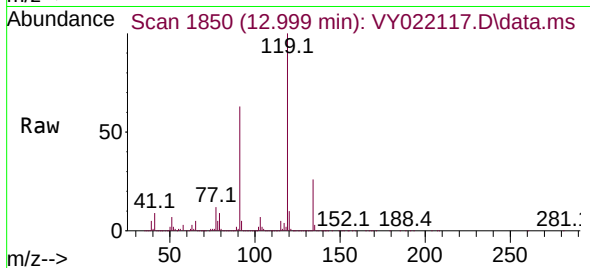
Tgt Ion:119 Resp: 966767

Ion Ratio Lower Upper

119 100

91 61.6 30.3 90.9

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 76.710 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022117.D

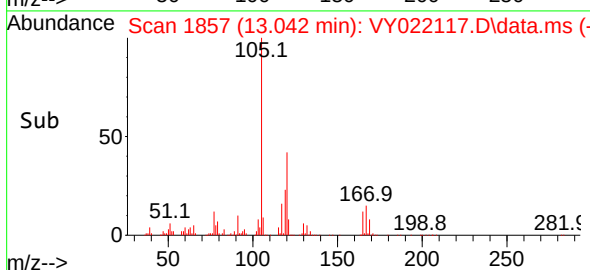
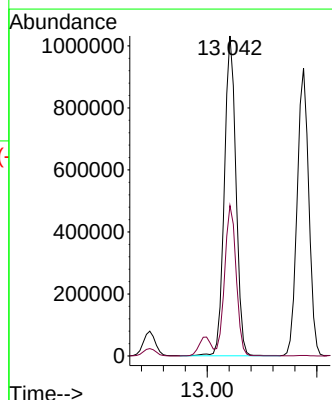
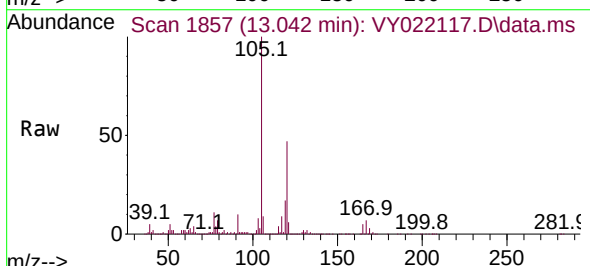
Acq: 01 May 2025 19:08

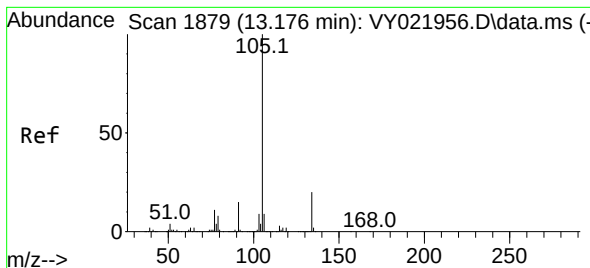
Tgt Ion:105 Resp: 1519729

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0

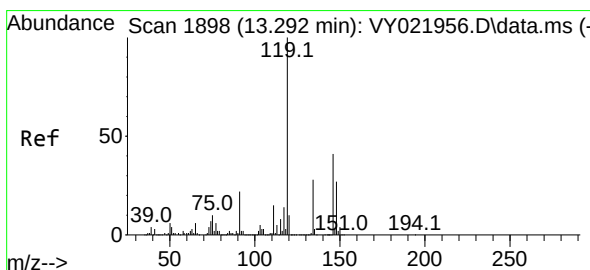
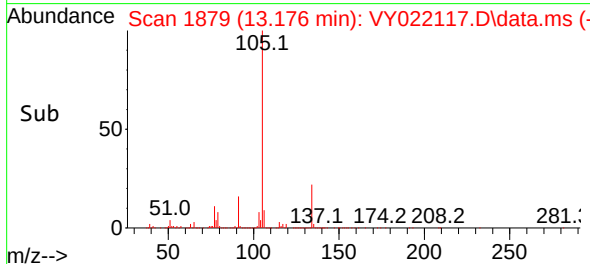
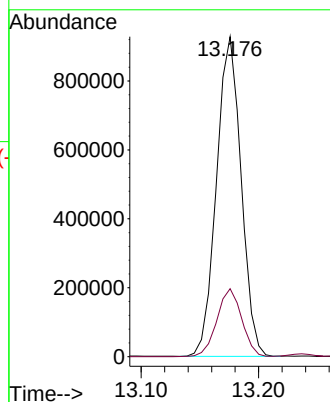
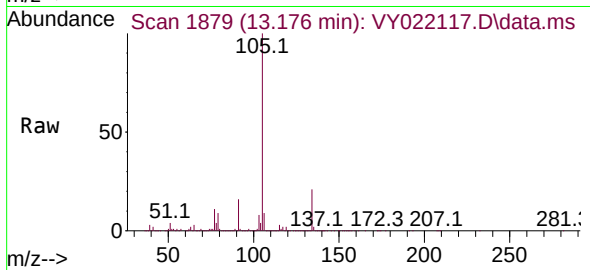




#85
 sec-Butylbenzene
 Concen: 51.976 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022117.D
 Acq: 01 May 2025 19:08

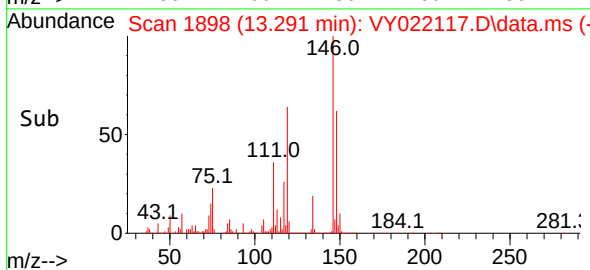
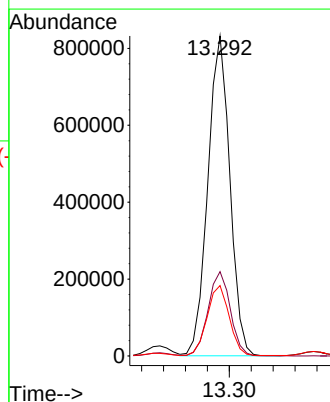
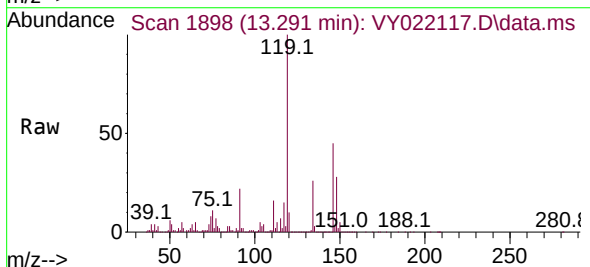
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

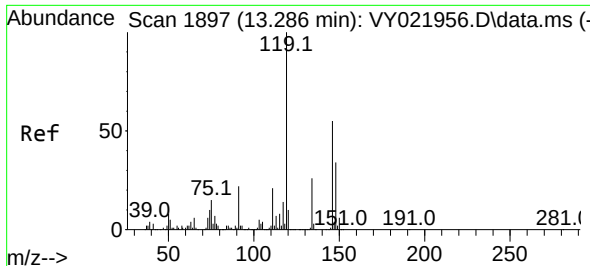
Tgt Ion:105 Resp: 1351064
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 52.554 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022117.D
 Acq: 01 May 2025 19:08

Tgt Ion:119 Resp: 1160013
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.868 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

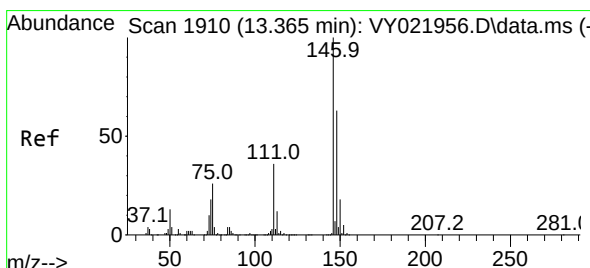
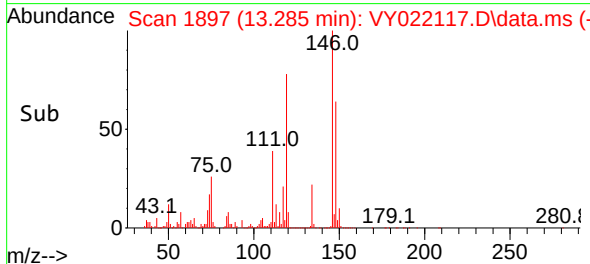
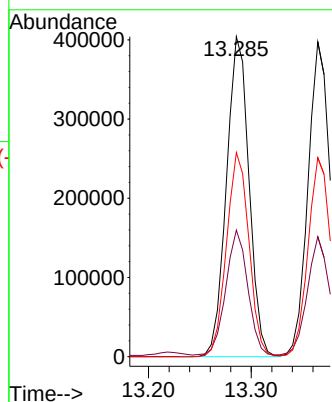
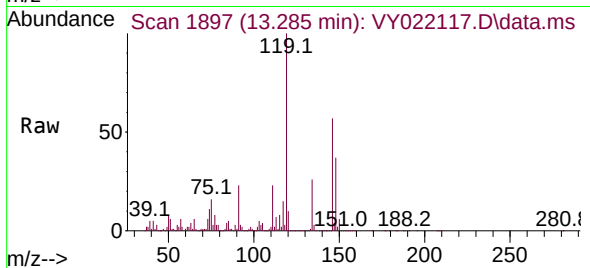
Tgt Ion:146 Resp: 615228

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

148 63.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.168 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

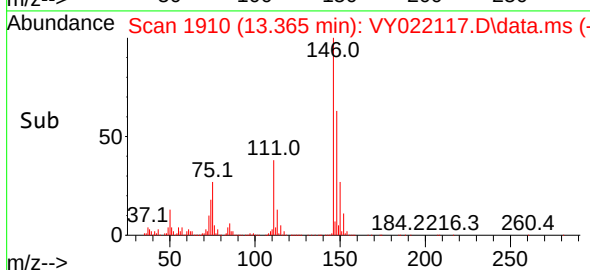
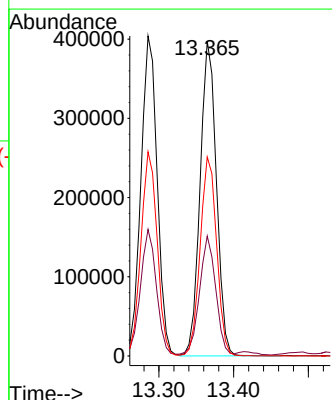
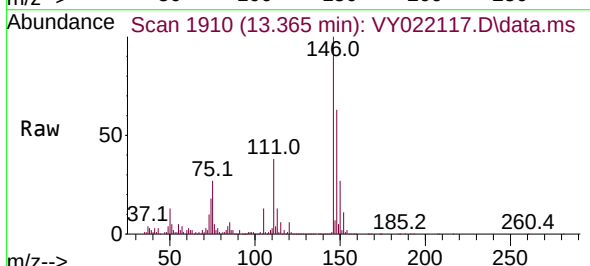
Tgt Ion:146 Resp: 600771

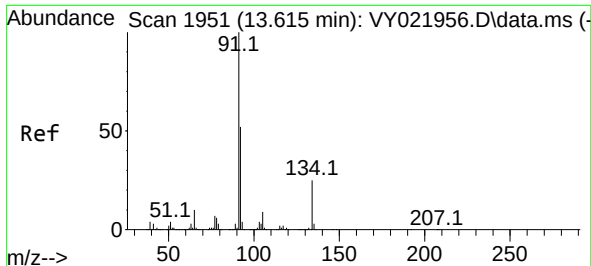
Ion Ratio Lower Upper

146 100

111 36.9 19.2 57.6

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 54.024 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

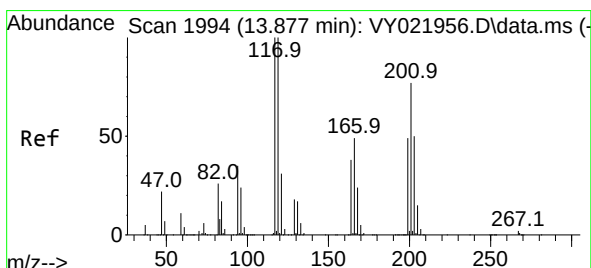
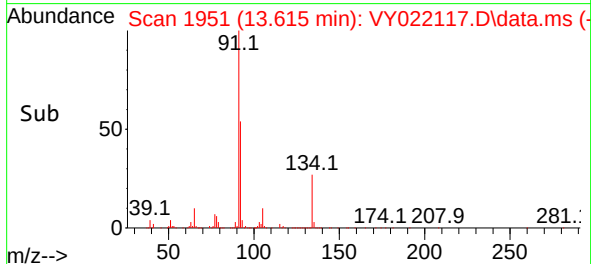
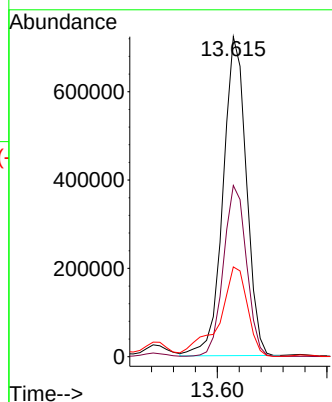
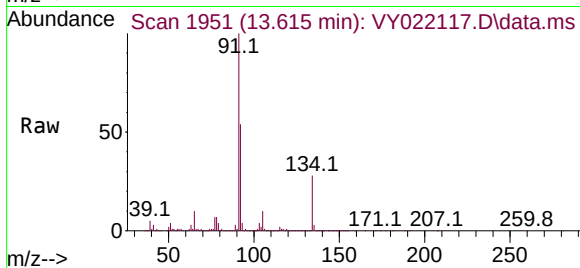
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1065863

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	33.9	13.4	40.1



#90

Hexachloroethane

Concen: 50.895 ug/l

RT: 13.877 min Scan# 1994

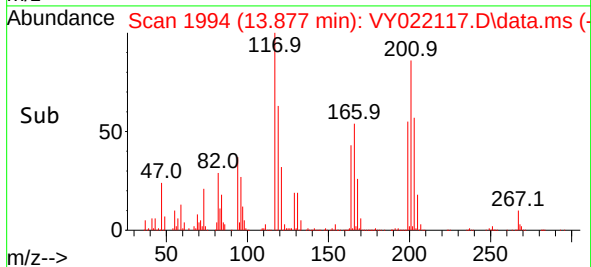
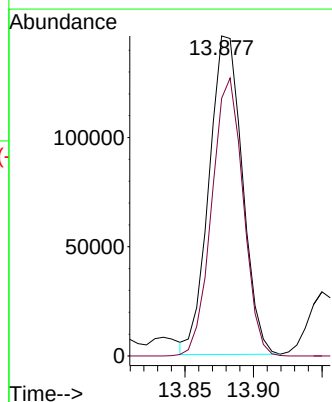
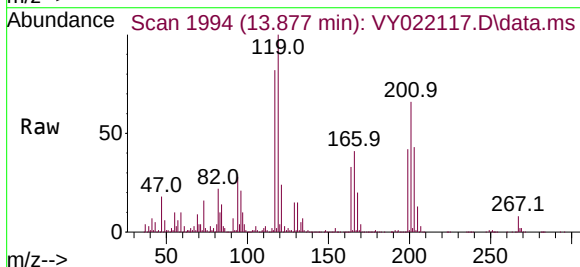
Delta R.T. -0.000 min

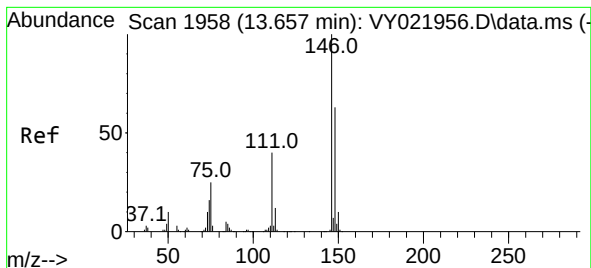
Lab File: VY022117.D

Acq: 01 May 2025 19:08

Tgt Ion: 117 Resp: 246817

Ion	Ratio	Lower	Upper
117	100		
201	82.1	38.7	116.1





#91

1,2-Dichlorobenzene

Concen: 50.989 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

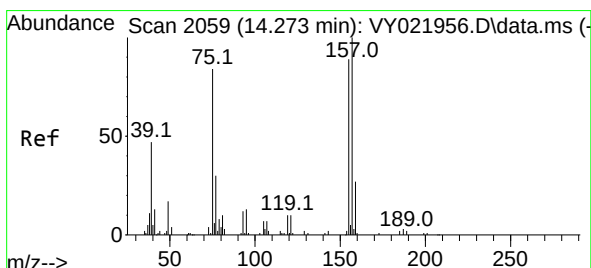
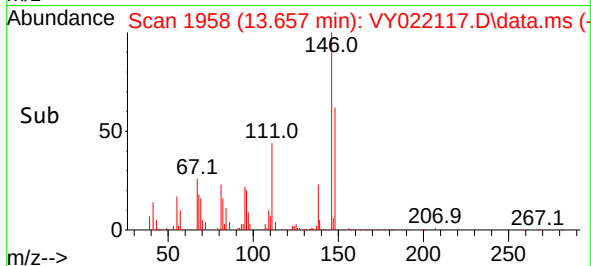
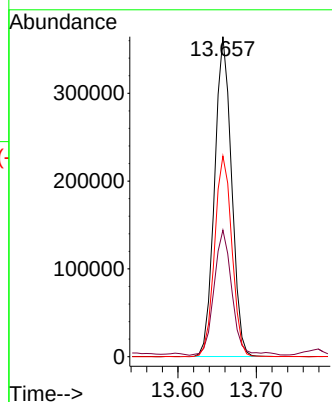
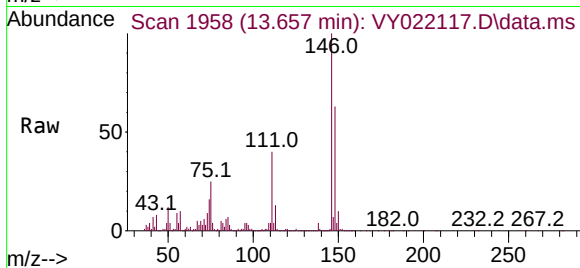
Tgt Ion:146 Resp: 548661

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

148 63.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.862 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

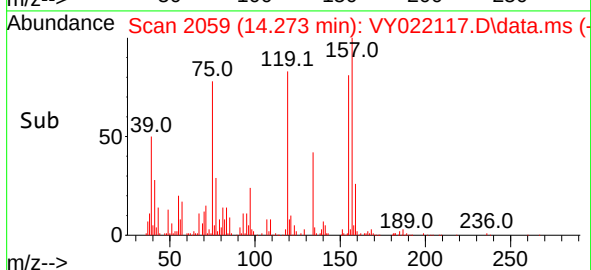
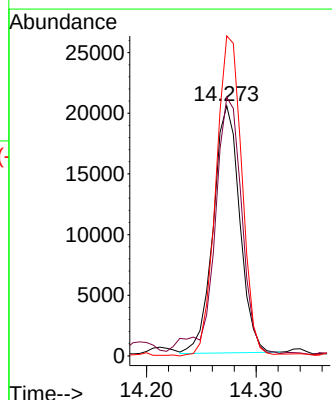
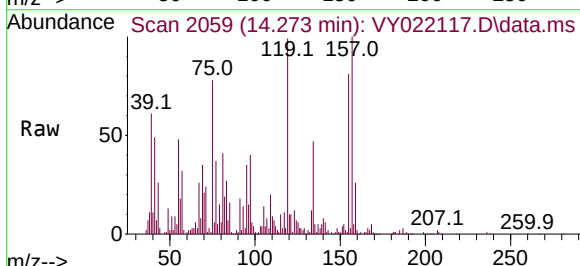
Tgt Ion: 75 Resp: 34086

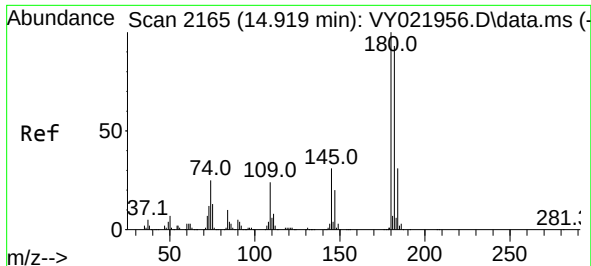
Ion Ratio Lower Upper

75 100

155 105.9 50.7 152.3

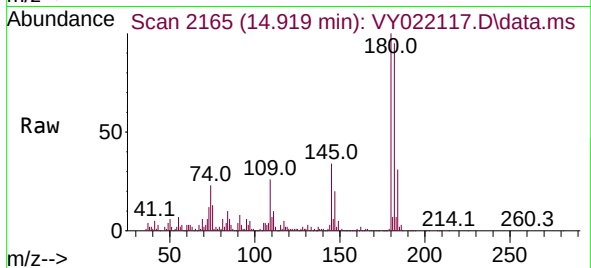
157 127.3 62.6 187.8



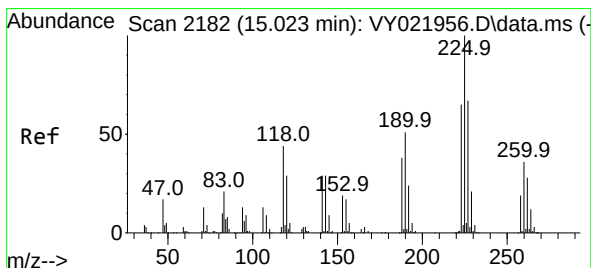
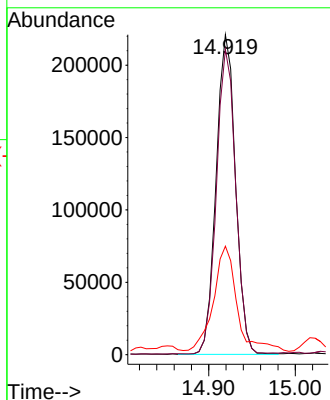
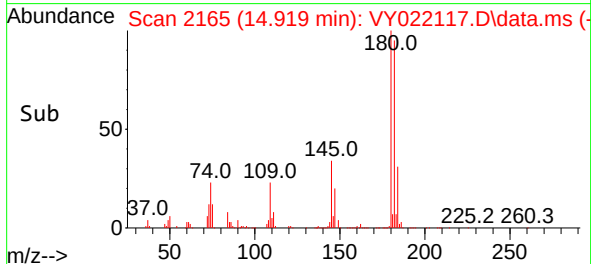


#93
 1,2,4-Trichlorobenzene
 Concen: 56.392 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022117.D
 Acq: 01 May 2025 19:08

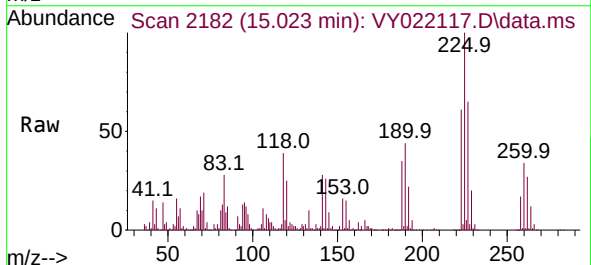
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



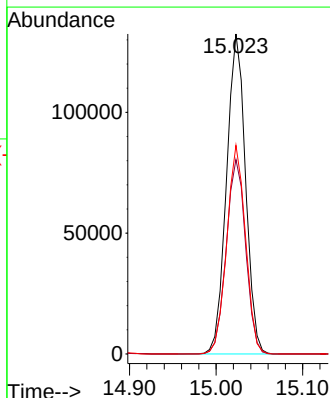
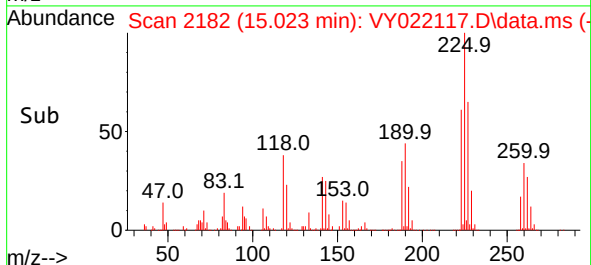
Tgt Ion:180 Resp: 343857
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.1 141.4
 145 44.1 15.0 45.0

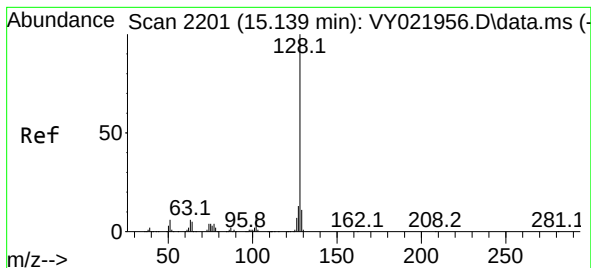


#94
 Hexachlorobutadiene
 Concen: 53.804 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022117.D
 Acq: 01 May 2025 19:08



Tgt Ion:225 Resp: 201855
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.5
 227 64.3 32.3 96.9





#95

Naphthalene

Concen: 75.318 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

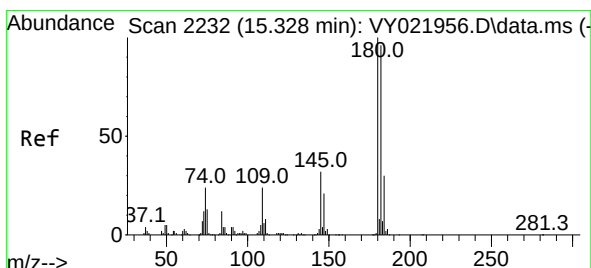
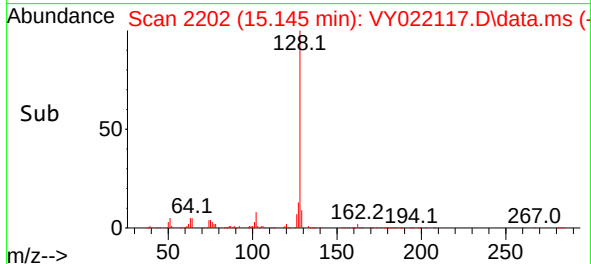
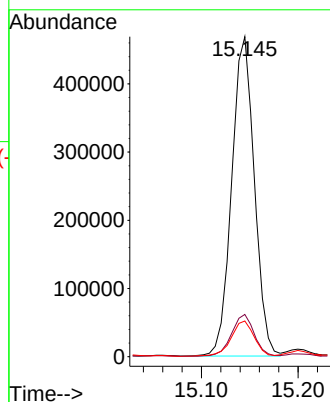
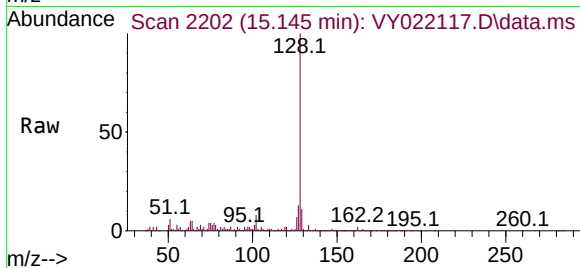
Tgt Ion:128 Resp: 762911

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 58.297 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022117.D

Acq: 01 May 2025 19:08

Tgt Ion:180 Resp: 306850

Ion Ratio Lower Upper

180 100

182 93.2 48.1 144.4

145 47.4 16.0 48.0

