

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022560.D
 Acq On : 05 Jun 2025 08:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 01:18:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	179733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	304462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101300	50.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.634	113	92049	50.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.300%	
50) Toluene-d8	10.103	98	373731	50.897	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.401	95	110879	50.680	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73180	45.478	ug/l	98
3) Chloromethane	2.068	50	209833	44.140	ug/l	97
4) Vinyl Chloride	2.202	62	306210	55.525	ug/l	100
5) Bromomethane	2.592	94	226335	42.820	ug/l	97
6) Chloroethane	2.732	64	211721	55.933	ug/l	97
7) Trichlorofluoromethane	3.049	101	263558	56.295	ug/l	99
8) Diethyl Ether	3.458	74	52703	49.987	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	98139	49.771	ug/l	99
10) Methyl Iodide	4.001	142	106828	50.064	ug/l	98
11) Tert butyl alcohol	4.866	59	36776	256.143	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	95042	50.426	ug/l	98
13) Acrolein	3.653	56	33249	185.819	ug/l	99
14) Allyl chloride	4.385	41	150124	50.737	ug/l	100
15) Acrylonitrile	5.061	53	114146	255.631	ug/l	98
16) Acetone	3.866	43	106665	261.277	ug/l	99
17) Carbon Disulfide	4.104	76	301583	49.979	ug/l	99
18) Methyl Acetate	4.378	43	57619	47.661	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	267700	50.426	ug/l	100
20) Methylene Chloride	4.616	84	112007	48.300	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	107266	50.850	ug/l	93
22) Diisopropyl ether	6.018	45	339503	51.548	ug/l	99
23) Vinyl Acetate	5.957	43	997602	255.915	ug/l	98
24) 1,1-Dichloroethane	5.915	63	203201	52.371	ug/l	99
25) 2-Butanone	6.890	43	150936	256.314	ug/l	100
26) 2,2-Dichloropropane	6.884	77	180406	52.624	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	127195	52.167	ug/l	98
28) Bromochloromethane	7.244	49	87029	51.456	ug/l	99
29) Tetrahydrofuran	7.262	42	93959	247.388	ug/l	98
30) Chloroform	7.421	83	202907	52.798	ug/l	92
31) Cyclohexane	7.701	56	182358	47.209	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	180206	52.822	ug/l	99
36) 1,1-Dichloropropene	7.835	75	150530	51.037	ug/l	99
37) Ethyl Acetate	6.982	43	66850	50.825	ug/l	98
38) Carbon Tetrachloride	7.817	117	155220	51.301	ug/l	97
39) Methylcyclohexane	9.109	83	200296	50.534	ug/l	99
40) Benzene	8.079	78	456755	52.432	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	93904	122.226	ug/l #	34
42) 1,2-Dichloroethane	8.158	62	122345	51.436	ug/l	100
43) Isopropyl Acetate	8.195	43	142605	50.201	ug/l	99
44) Trichloroethene	8.866	130	111833	52.526	ug/l	94
45) 1,2-Dichloropropane	9.140	63	107590	52.259	ug/l	96
46) Dibromomethane	9.231	93	59252	51.156	ug/l	99
47) Bromodichloromethane	9.420	83	155758	53.035	ug/l	93
48) Methyl methacrylate	9.219	41	66562	49.926	ug/l	99
49) 1,4-Dioxane	9.225	88	13477	982.154	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	365027	257.736	ug/l	99
52) Toluene	10.170	92	287298	52.479	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	143649	52.202	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	168525	52.611	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	76256	51.632	ug/l	94
56) Ethyl methacrylate	10.438	69	109353	51.228	ug/l	98
57) 1,3-Dichloropropane	10.719	76	135132	51.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	266825	275.313	ug/l	99
59) 2-Hexanone	10.762	43	241828	255.309	ug/l	98
60) Dibromochloromethane	10.908	129	98044	52.237	ug/l	100
61) 1,2-Dibromoethane	11.018	107	68363	50.785	ug/l	99
64) Tetrachloroethene	10.646	164	125249	55.796	ug/l	97
65) Chlorobenzene	11.438	112	299502	51.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	102078	52.474	ug/l	99
67) Ethyl Benzene	11.517	91	560498	52.331	ug/l	99
68) m/p-Xylenes	11.627	106	424785	104.619	ug/l	100
69) o-Xylene	11.950	106	198395	52.116	ug/l	99
70) Styrene	11.969	104	333704	53.031	ug/l	98
71) Bromoform	12.133	173	51637	49.882	ug/l #	97
73) Isopropylbenzene	12.255	105	520881	51.869	ug/l	100
74) N-amyl acetate	12.066	43	128376	50.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	80322	48.734	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	117679	84.095	ug/l #	100
77) Bromobenzene	12.529	156	108163	51.041	ug/l	99
78) n-propylbenzene	12.590	91	638606	52.065	ug/l	99
79) 2-Chlorotoluene	12.676	91	338692	52.100	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	410617	52.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29279	50.528	ug/l	94
82) 4-Chlorotoluene	12.773	91	346628	51.688	ug/l	99
83) tert-Butylbenzene	12.993	119	371237	52.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	411000	52.122	ug/l	99
85) sec-Butylbenzene	13.176	105	564875	52.123	ug/l	100
86) p-Isopropyltoluene	13.292	119	466784	52.254	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	222516	51.825	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	216280	51.935	ug/l	100
89) n-Butylbenzene	13.615	91	457024	53.925	ug/l	100
90) Hexachloroethane	13.877	117	92555	53.221	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	188735	51.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12667	52.787	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	110421	55.539	ug/l	95
94) Hexachlorobutadiene	15.023	225	58400	53.219	ug/l	99
95) Naphthalene	15.145	128	206075	54.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	91982	53.983	ug/l	98

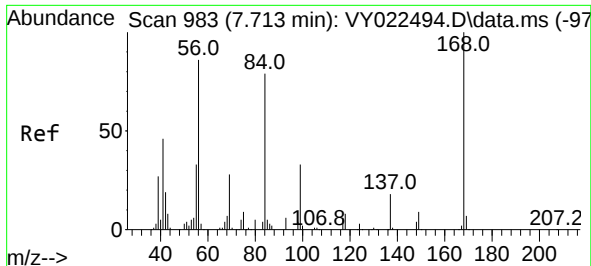
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

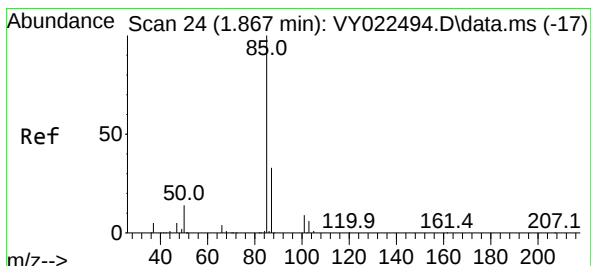
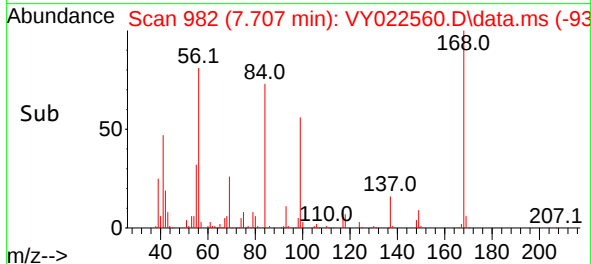
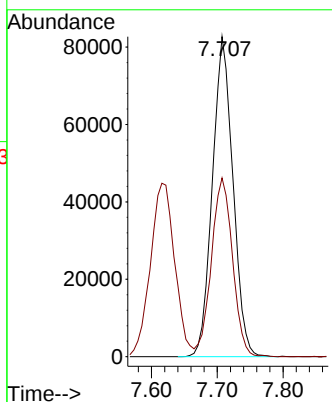
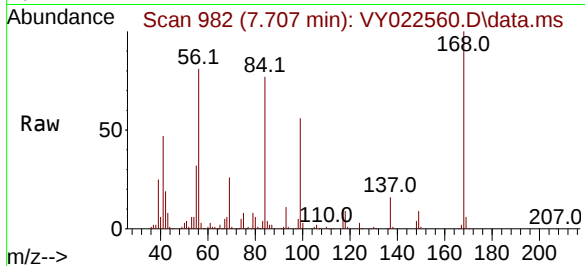


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 179733

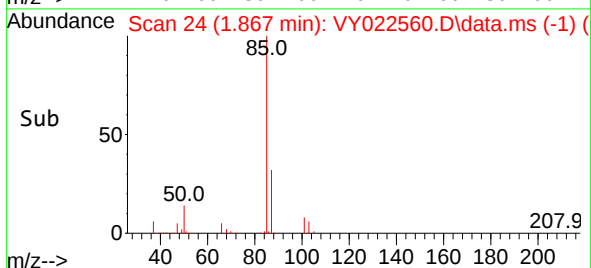
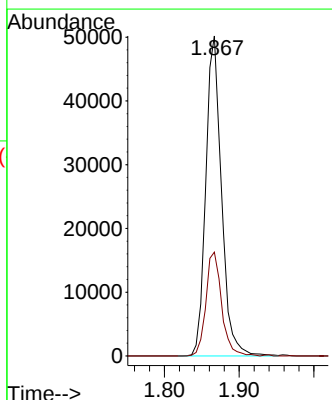
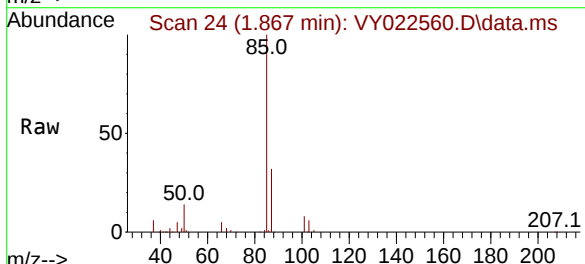
Ion	Ratio	Lower	Upper
168	100		
99	55.8	44.3	66.5

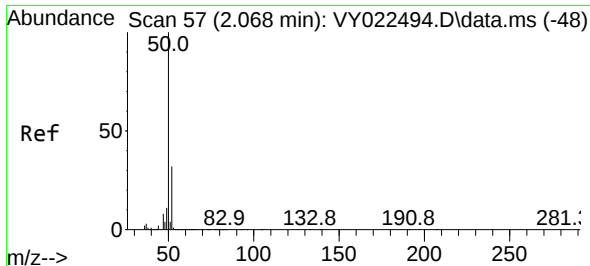


#2
Dichlorodifluoromethane
Concen: 45.478 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 85 Resp: 73180

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.7	50.0

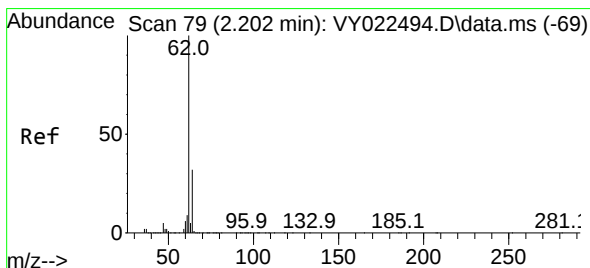
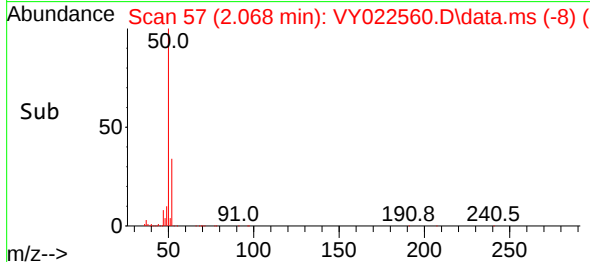
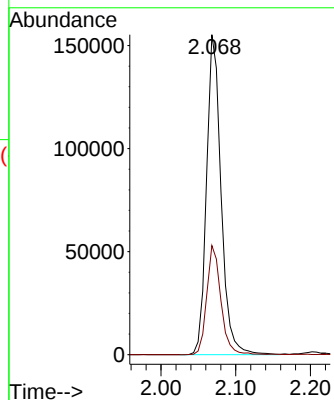
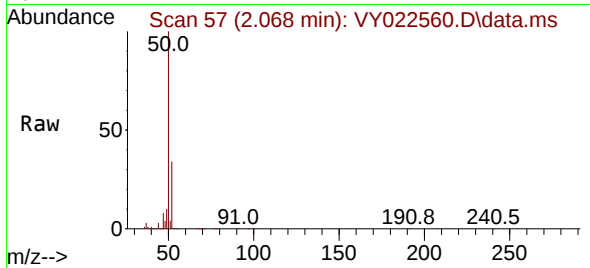




#3
Chloromethane
Concen: 44.140 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

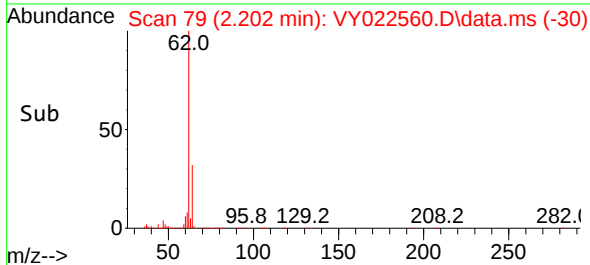
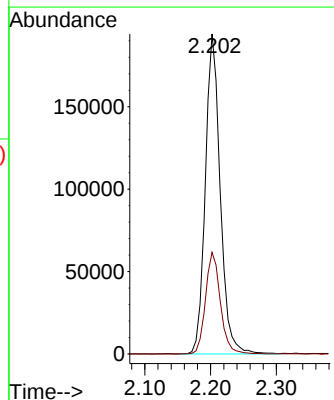
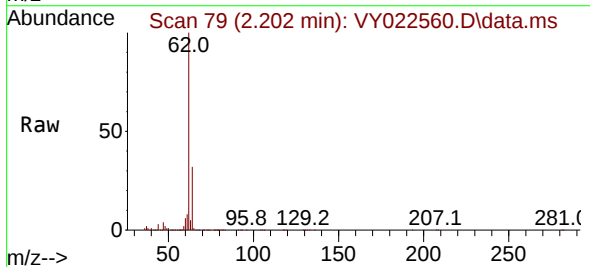
Instrument :
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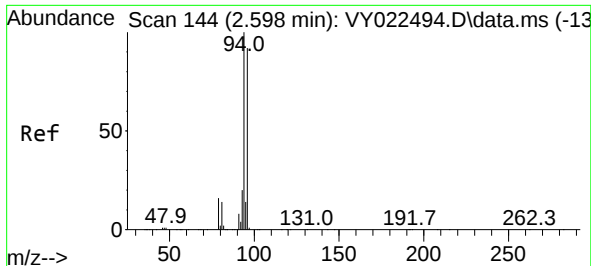
Tgt Ion: 50 Resp: 209833
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0



#4
Vinyl Chloride
Concen: 55.525 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 62 Resp: 306210
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

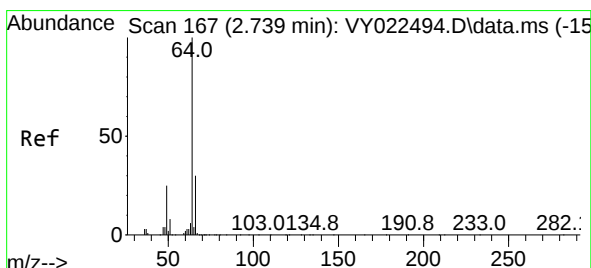
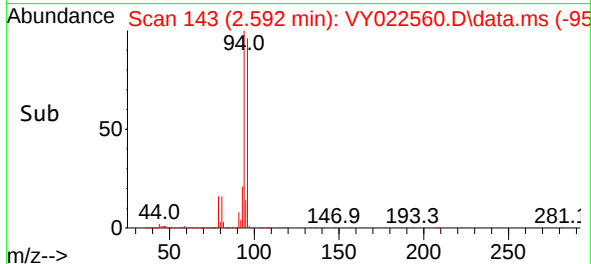
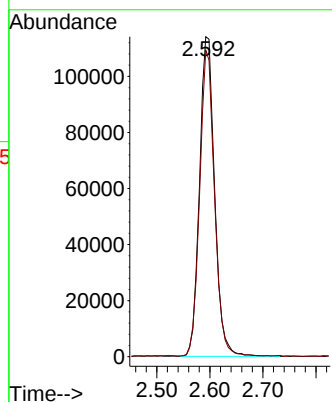
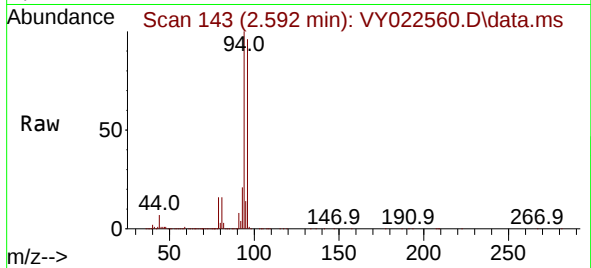




#5
Bromomethane
Concen: 42.820 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

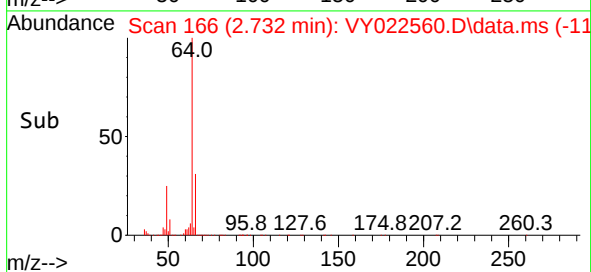
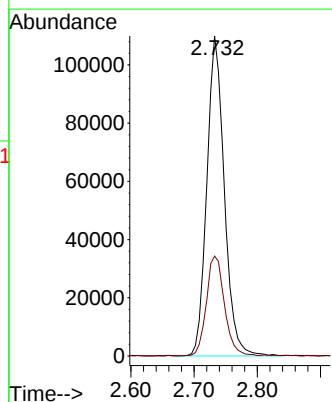
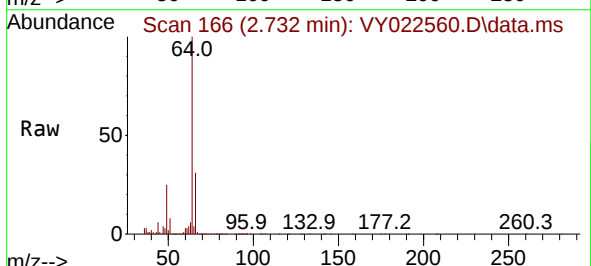
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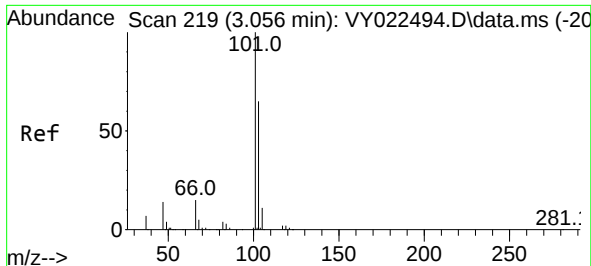
Tgt Ion: 94 Resp: 226335
Ion Ratio Lower Upper
94 100
96 95.6 74.0 111.0



#6
Chloroethane
Concen: 55.933 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 64 Resp: 211721
Ion Ratio Lower Upper
64 100
66 31.1 23.8 35.6

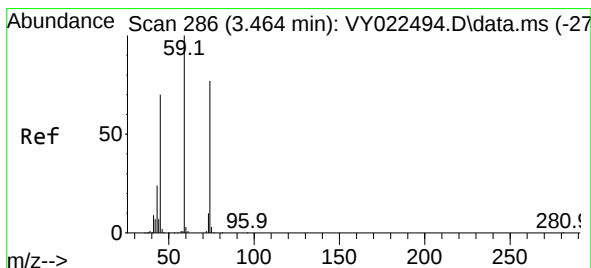
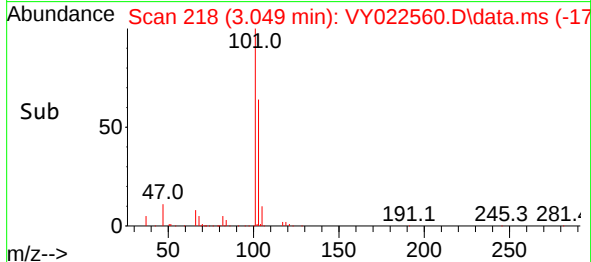
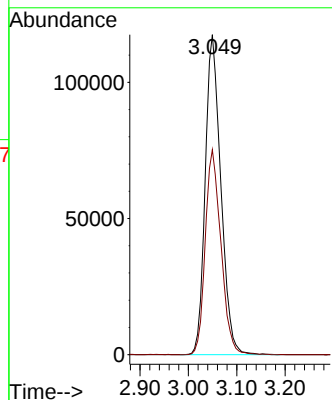
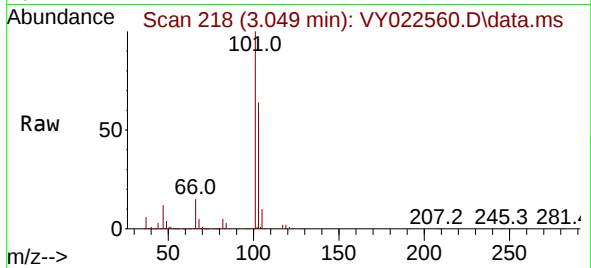




#7
Trichlorofluoromethane
Concen: 56.295 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

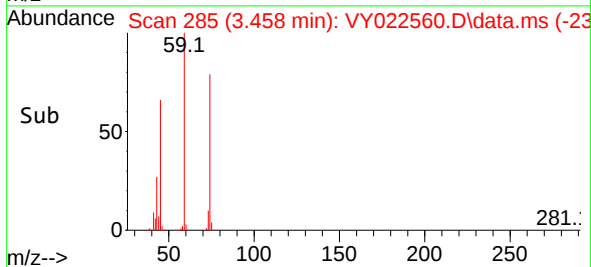
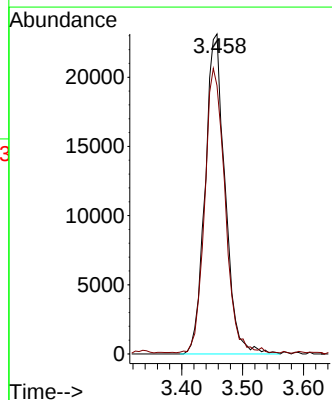
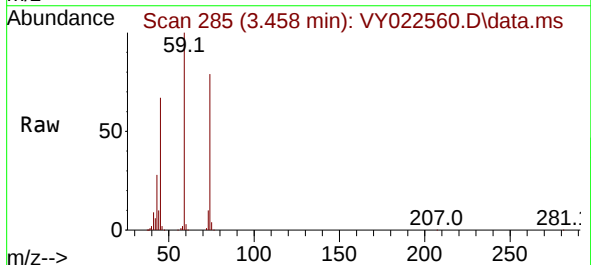
Instrument :
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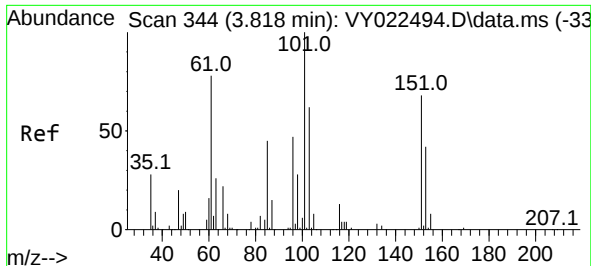
Tgt Ion:101 Resp: 263558
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2



#8
Diethyl Ether
Concen: 49.987 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 74 Resp: 52703
Ion Ratio Lower Upper
74 100
45 90.6 45.9 137.6

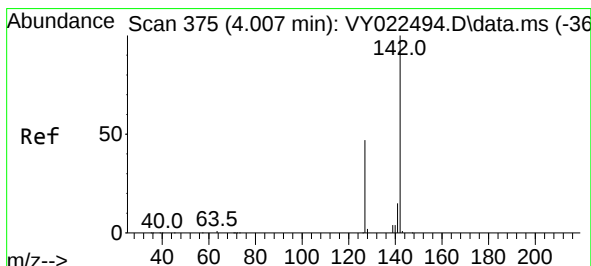
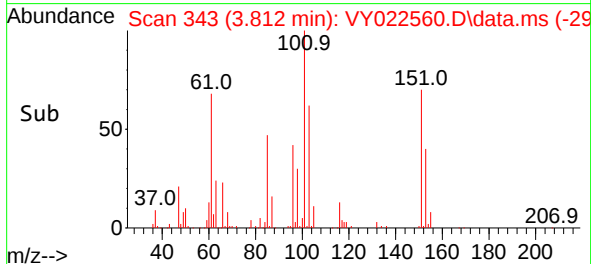
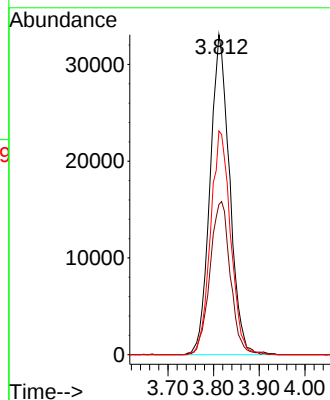
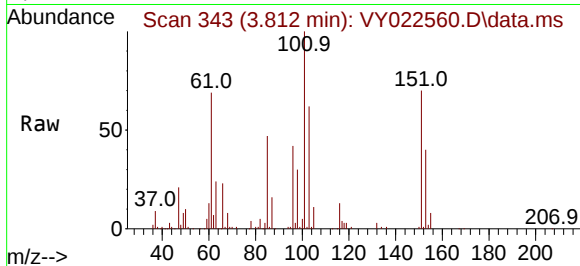




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.771 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

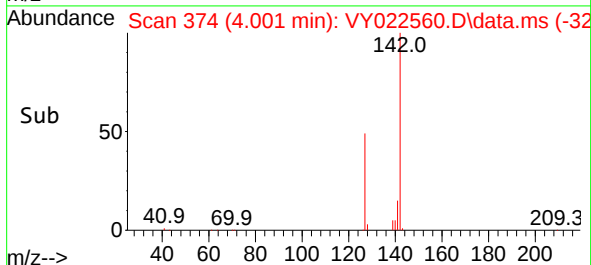
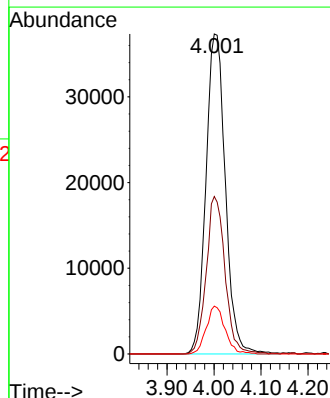
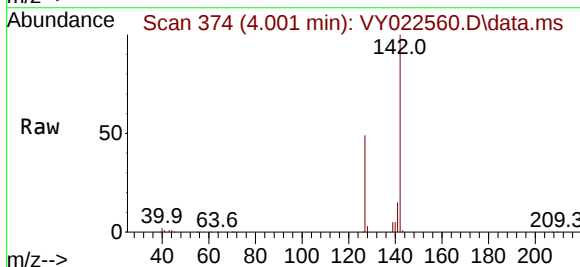
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

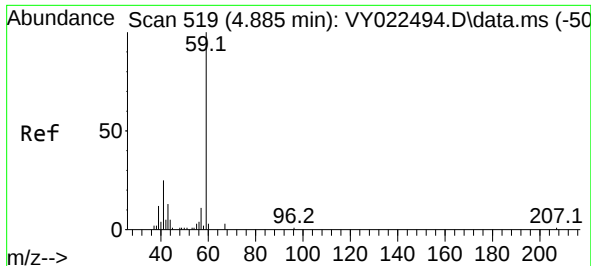
Tgt Ion:101 Resp: 98139
Ion Ratio Lower Upper
101 100
85 50.1 39.3 58.9
151 71.9 57.8 86.8



#10
Methyl Iodide
Concen: 50.064 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:142 Resp: 106828
Ion Ratio Lower Upper
142 100
127 47.7 37.1 55.7
141 14.5 11.4 17.2

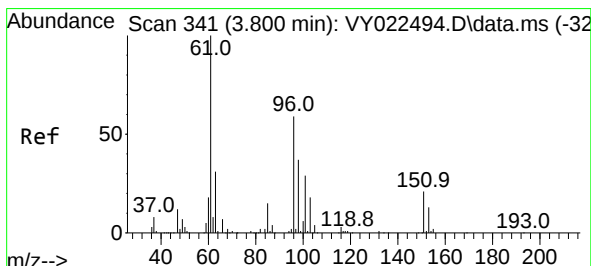
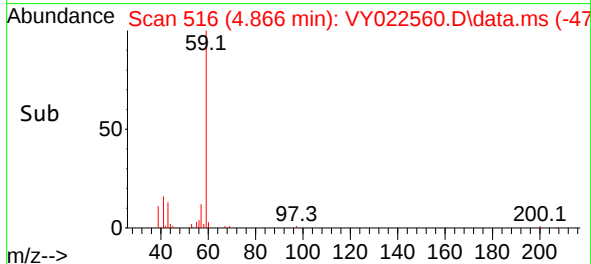
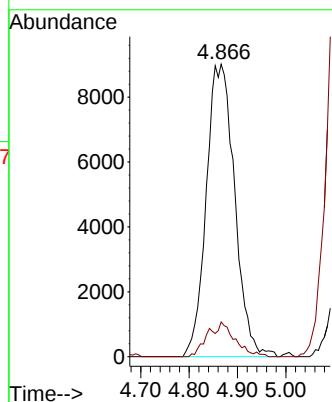
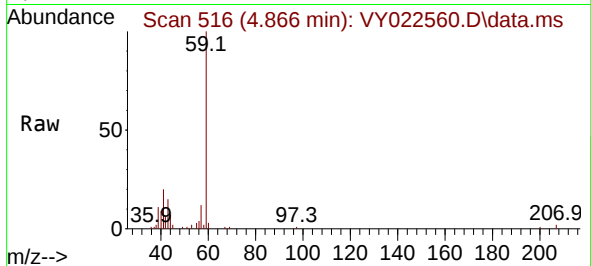




#11
Tert butyl alcohol
Concen: 256.143 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

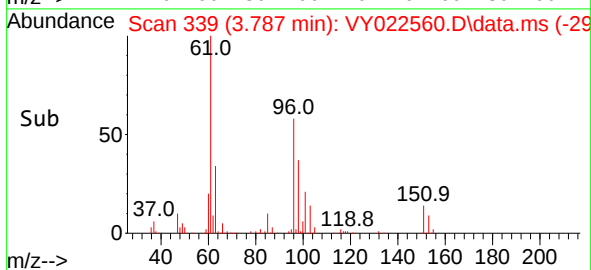
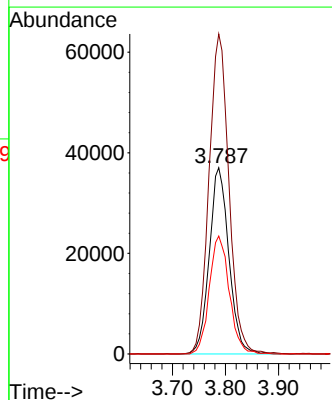
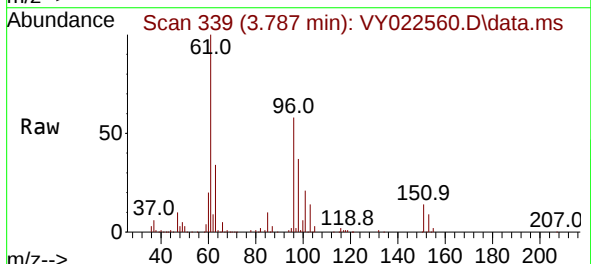
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

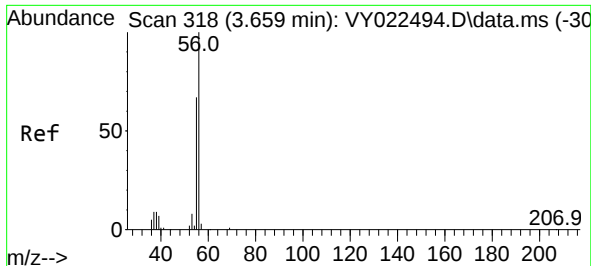
Tgt Ion: 59 Resp: 36776
Ion Ratio Lower Upper
59 100
57 6.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 50.426 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 96 Resp: 95042
Ion Ratio Lower Upper
96 100
61 171.8 134.6 201.8
98 63.3 50.2 75.4

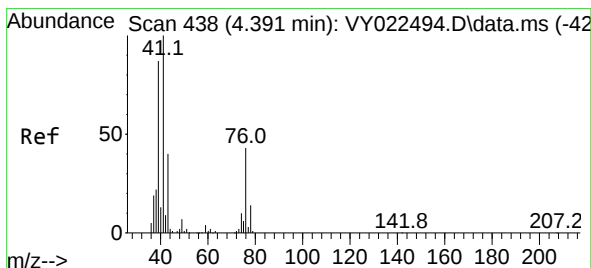
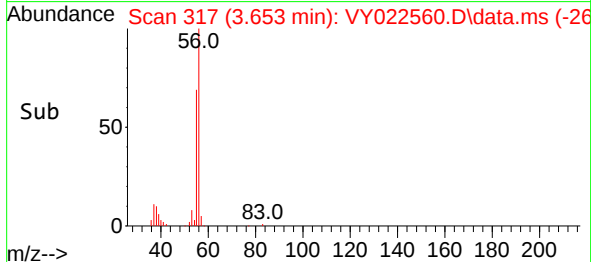
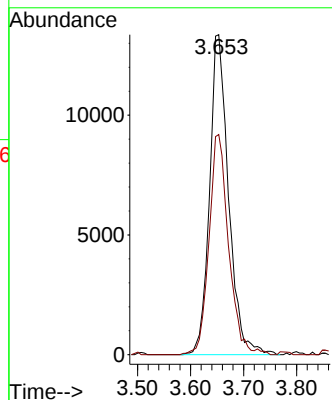
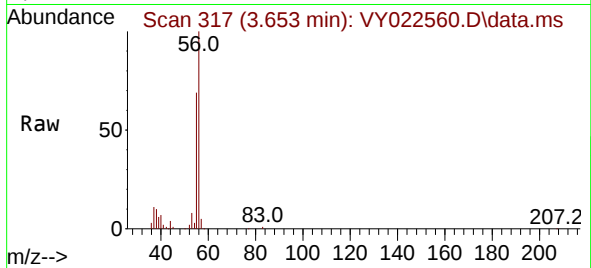




#13
Acrolein
Concen: 185.819 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

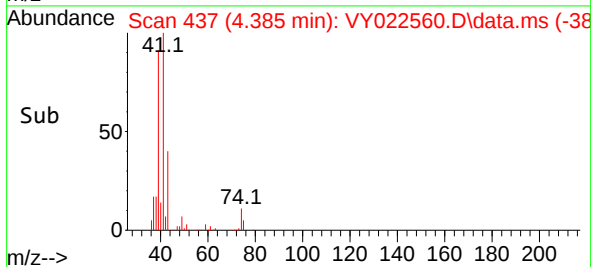
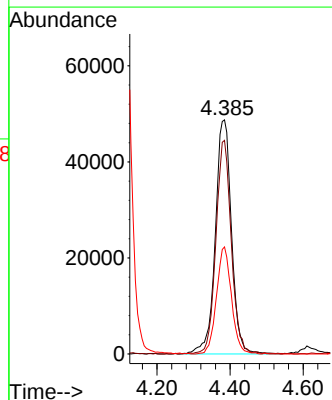
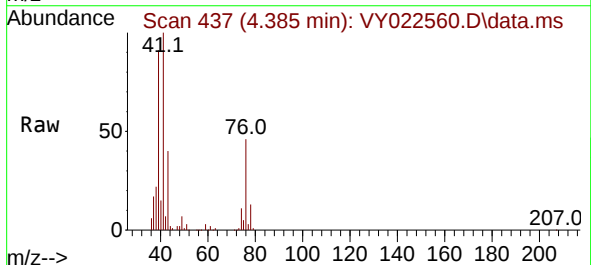
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

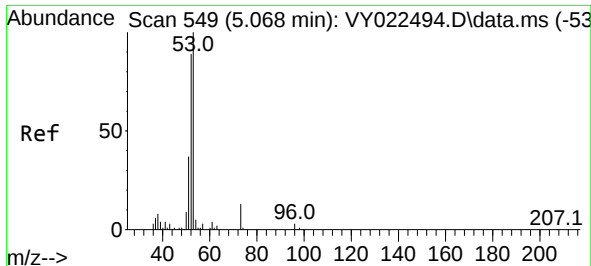
Tgt Ion: 56 Resp: 33249
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.6



#14
Allyl chloride
Concen: 50.737 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 41 Resp: 150124
Ion Ratio Lower Upper
41 100
39 86.5 69.1 103.7
76 42.2 33.5 50.3

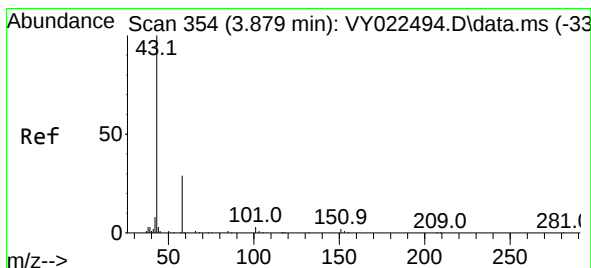
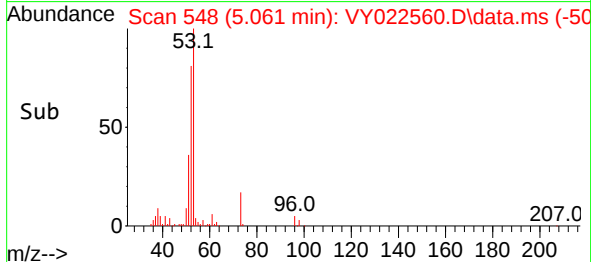
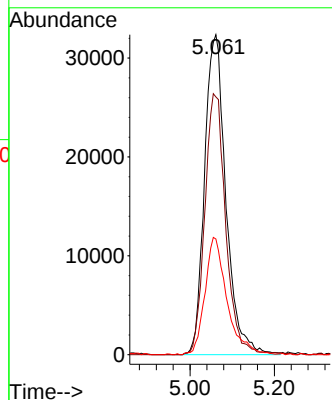
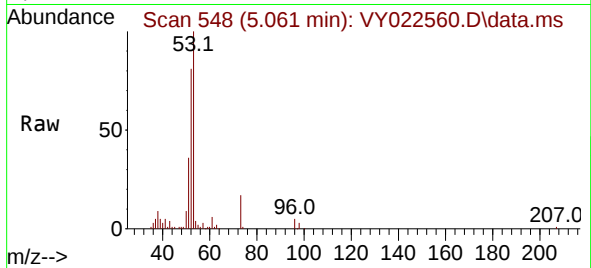




#15
Acrylonitrile
Concen: 255.631 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

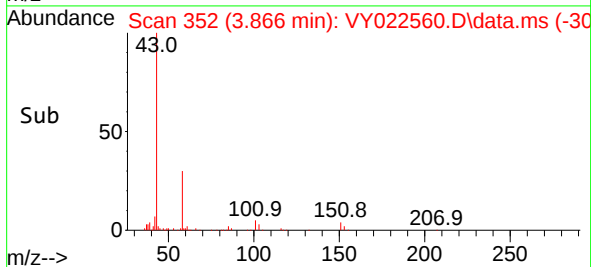
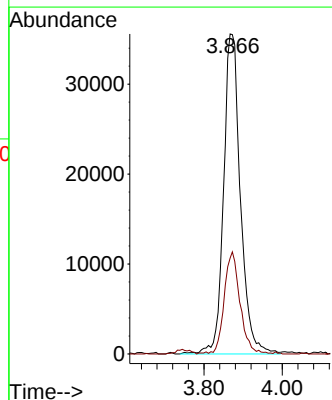
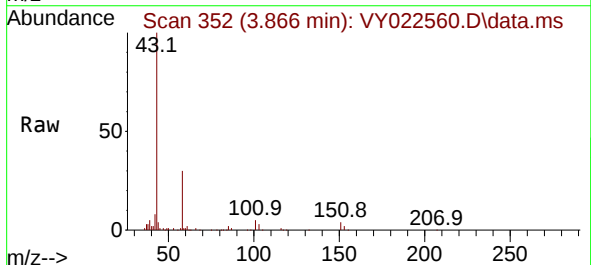
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

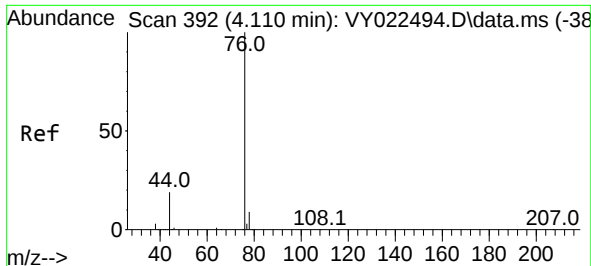
Tgt Ion: 53 Resp: 114146
Ion Ratio Lower Upper
53 100
52 80.1 65.7 98.5
51 37.8 30.1 45.1



#16
Acetone
Concen: 261.277 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 43 Resp: 106665
Ion Ratio Lower Upper
43 100
58 29.7 24.0 36.0

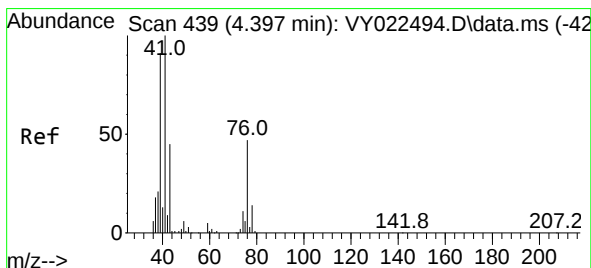
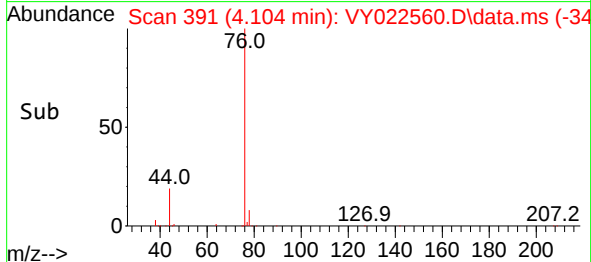
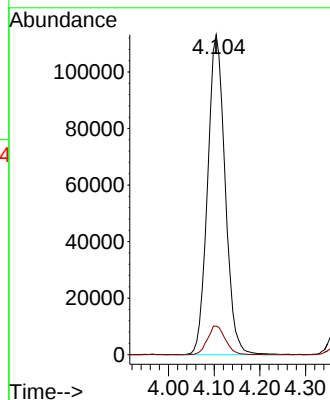
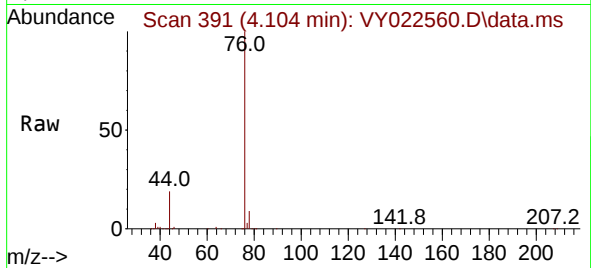




#17
Carbon Disulfide
Concen: 49.979 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

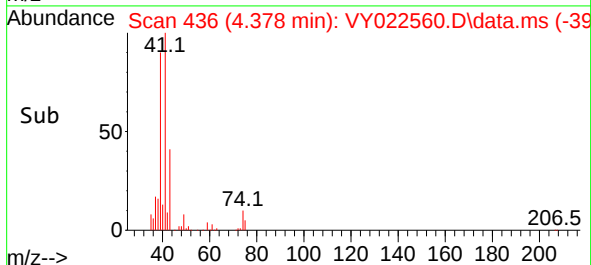
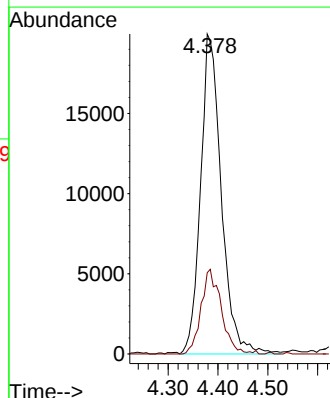
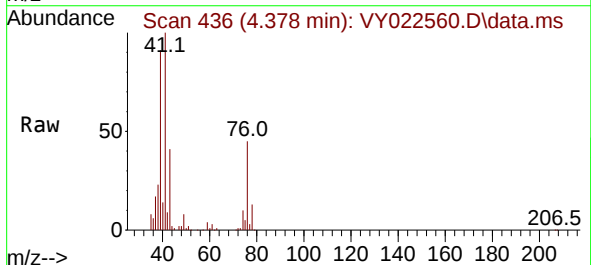
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

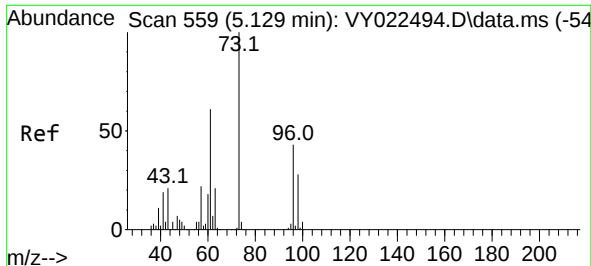
Tgt Ion: 76 Resp: 301583
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 47.661 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 43 Resp: 57619
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

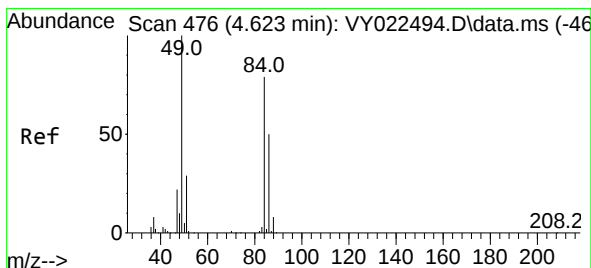
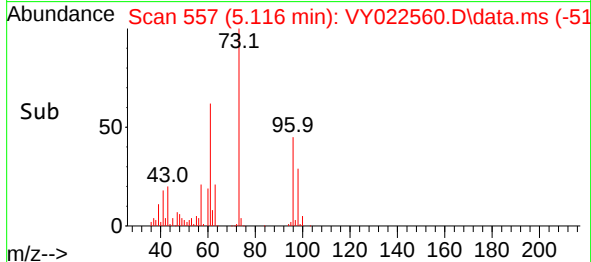
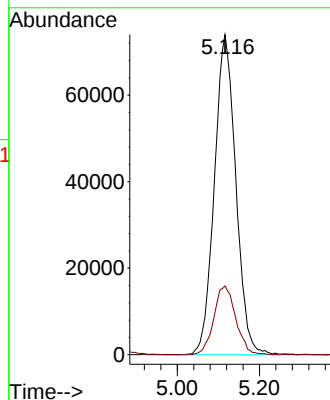
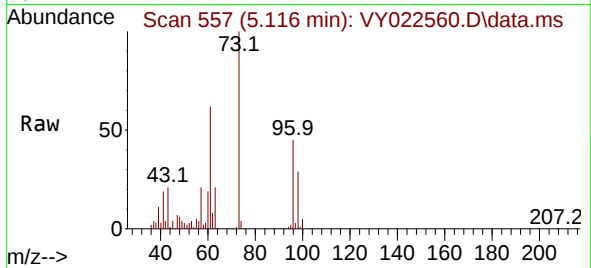




#19
Methyl tert-butyl Ether
Concen: 50.426 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

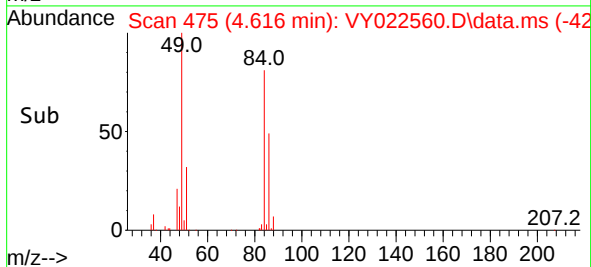
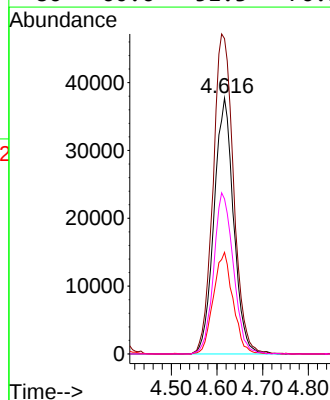
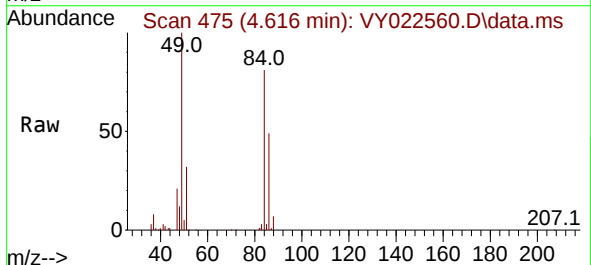
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

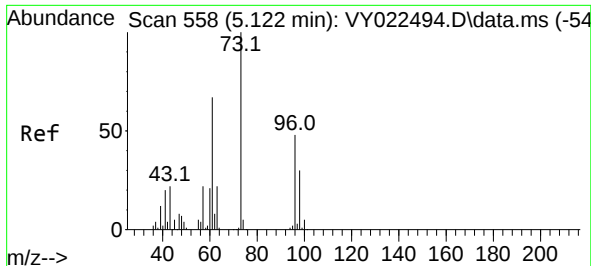
Tgt Ion: 73 Resp: 267700
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 48.300 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 84 Resp: 112007
Ion Ratio Lower Upper
84 100
49 123.3 101.9 152.9
51 39.7 29.8 44.8
86 60.6 51.3 76.9

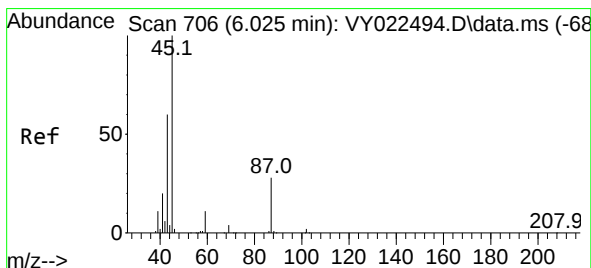
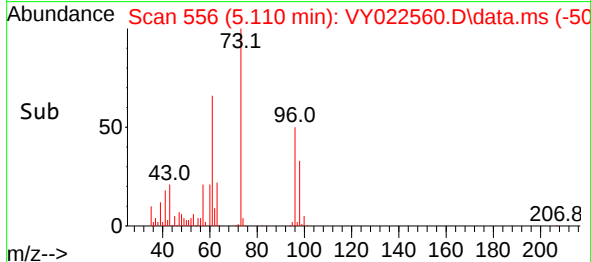
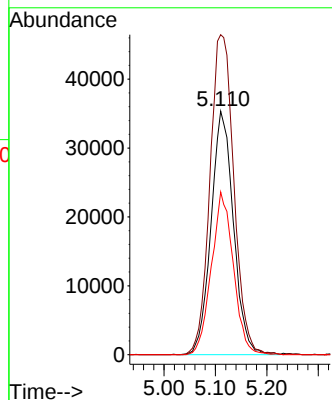
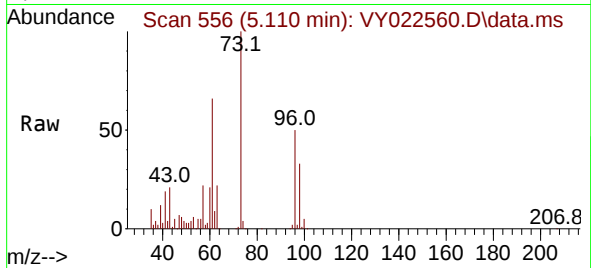




#21
trans-1,2-Dichloroethene
Concen: 50.850 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

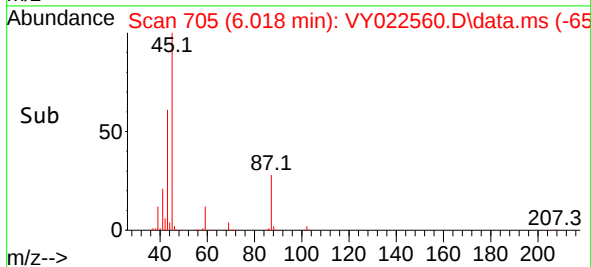
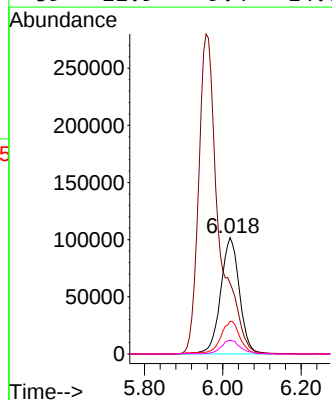
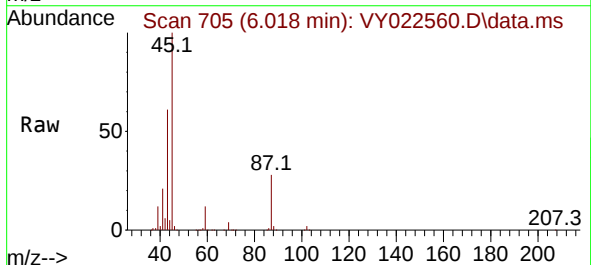
Instrument :
MSVOA_Y
ClientSampleId :
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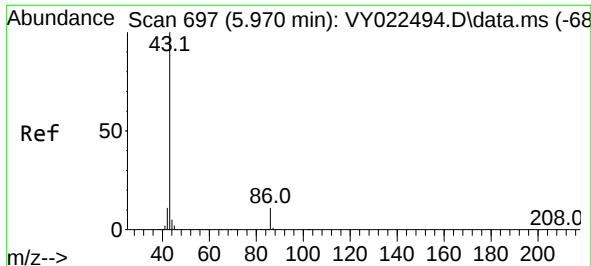
Tgt Ion: 96 Resp: 107266
Ion Ratio Lower Upper
96 100
61 131.4 112.6 169.0
98 66.8 50.6 75.8



#22
Diisopropyl ether
Concen: 51.548 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 45 Resp: 339503
Ion Ratio Lower Upper
45 100
43 60.5 48.3 72.5
87 28.0 23.0 34.6
59 11.9 9.4 14.0

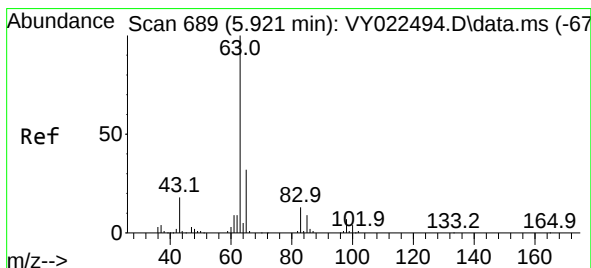
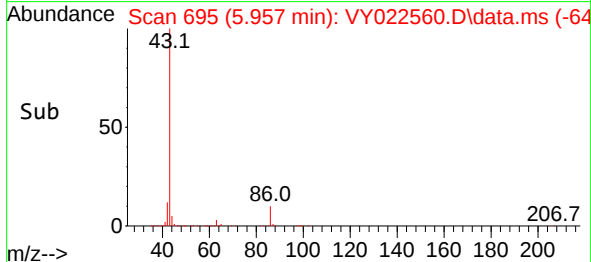
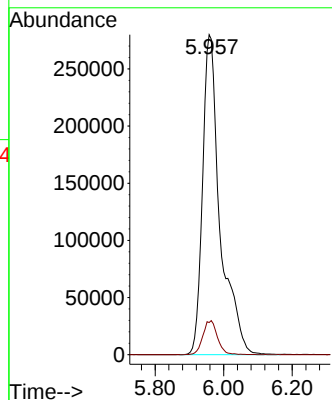
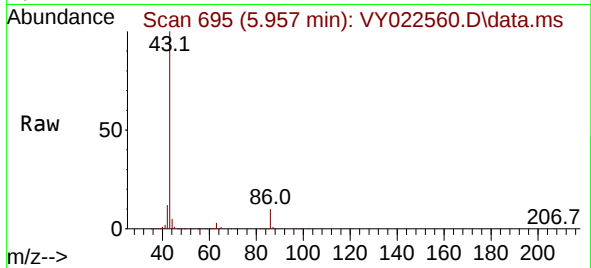




#23
 Vinyl Acetate
 Concen: 255.915 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

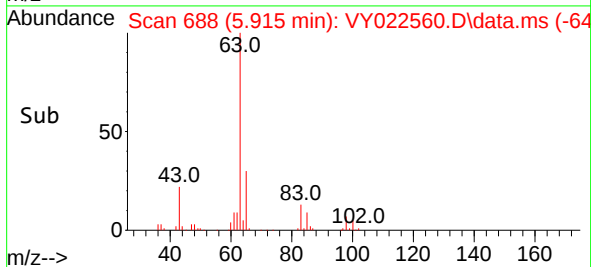
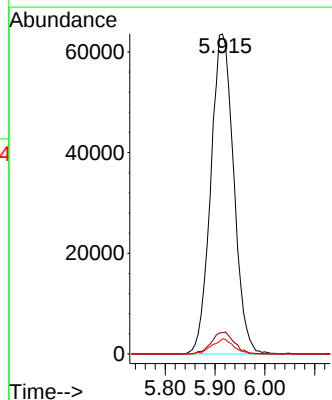
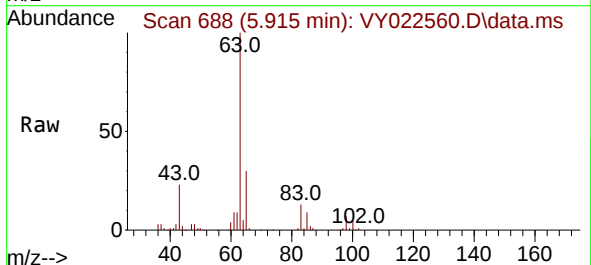
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

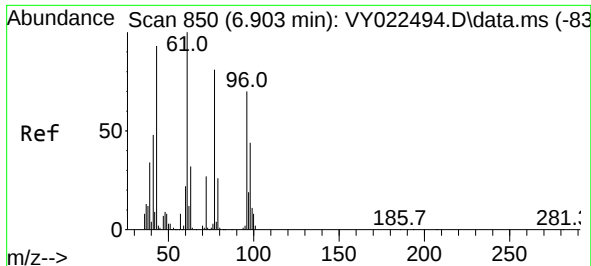
Tgt Ion: 43 Resp: 997602
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.371 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

Tgt Ion: 63 Resp: 203201
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.7 2.1 6.3

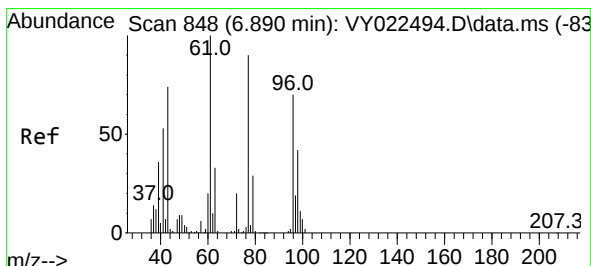
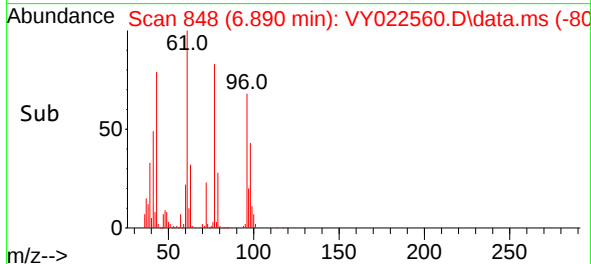
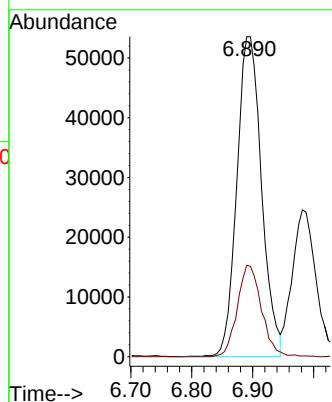
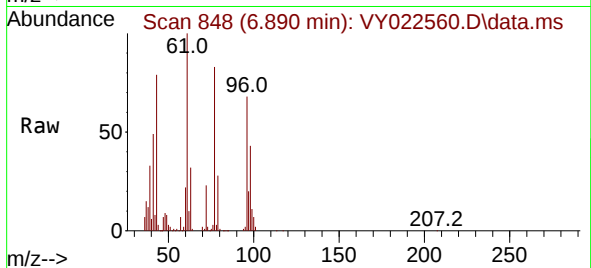




#25
2-Butanone
Concen: 256.314 ug/l
RT: 6.890 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

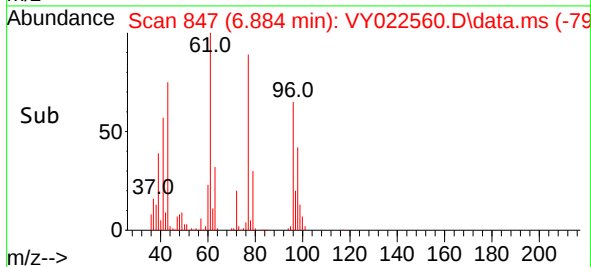
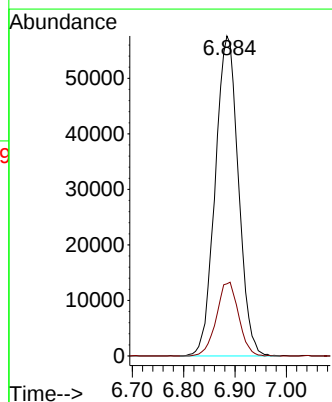
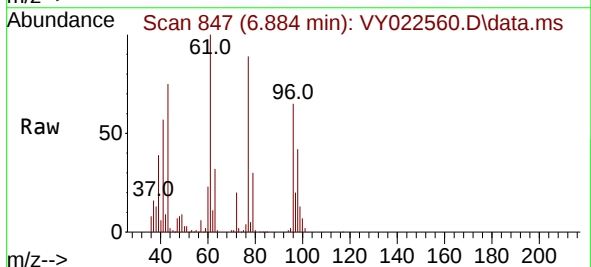
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

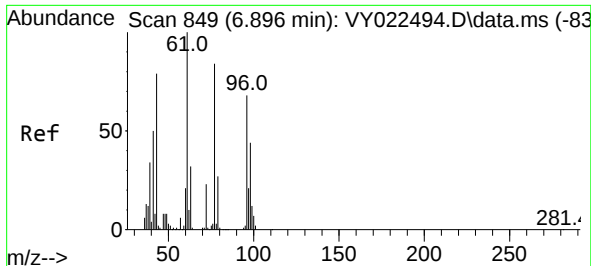
Tgt Ion: 43 Resp: 150936
Ion Ratio Lower Upper
43 100
72 28.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 52.624 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 77 Resp: 180406
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.167 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

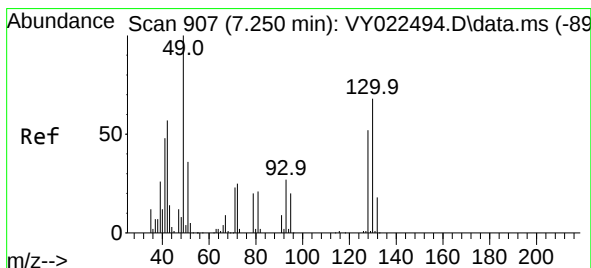
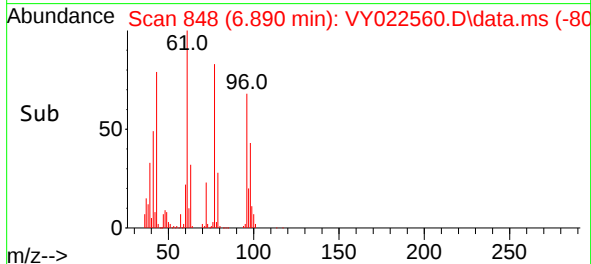
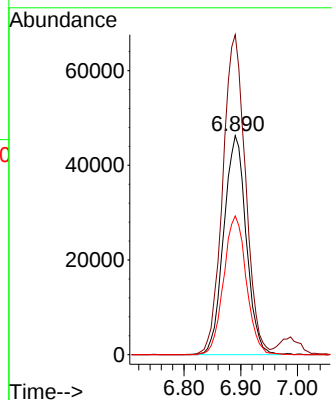
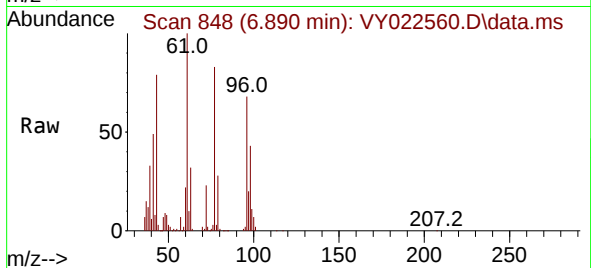
Tgt Ion: 96 Resp: 127195

Ion Ratio Lower Upper

96 100

61 148.1 0.0 290.0

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 51.456 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

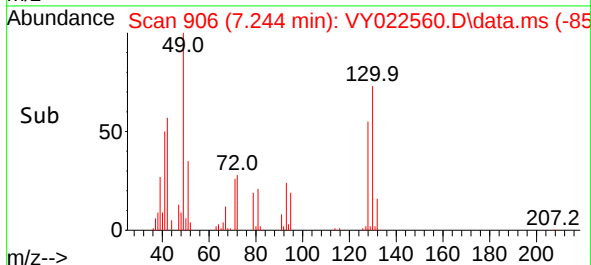
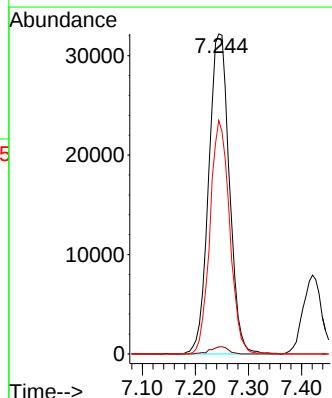
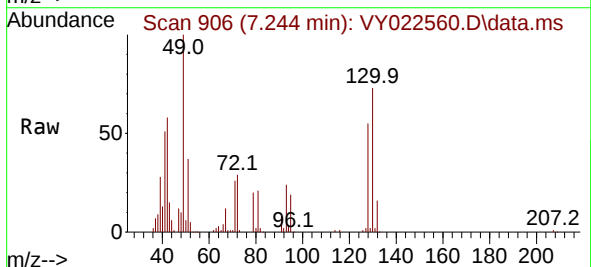
Tgt Ion: 49 Resp: 87029

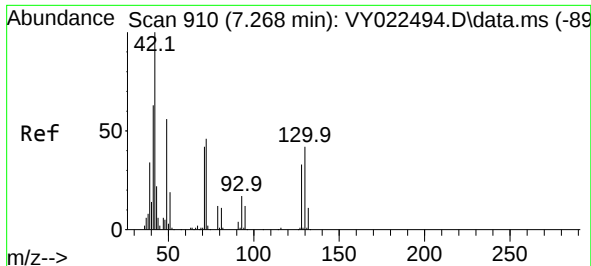
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 69.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 247.388 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

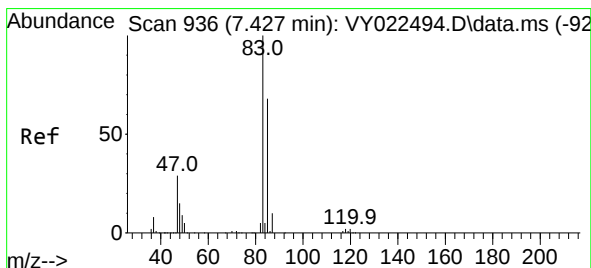
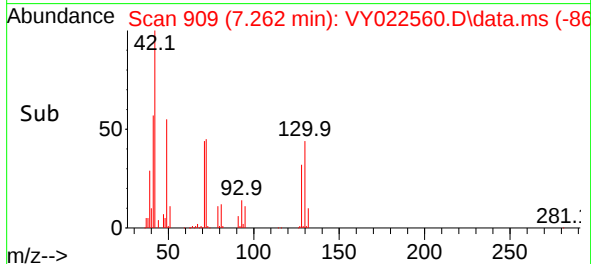
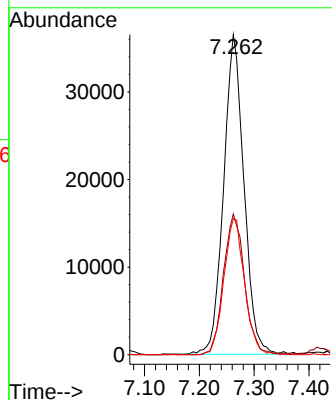
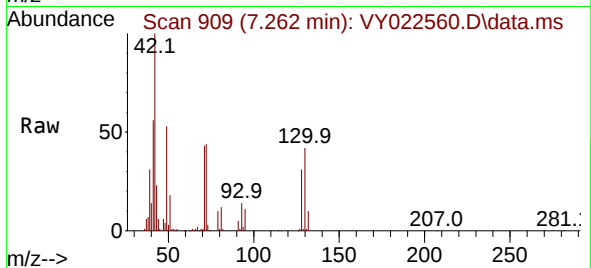
Tgt Ion: 42 Resp: 93959

Ion Ratio Lower Upper

42 100

72 45.5 37.4 56.2

71 43.5 34.2 51.2



#30

Chloroform

Concen: 52.798 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022560.D

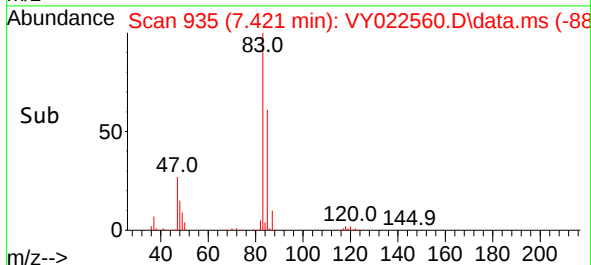
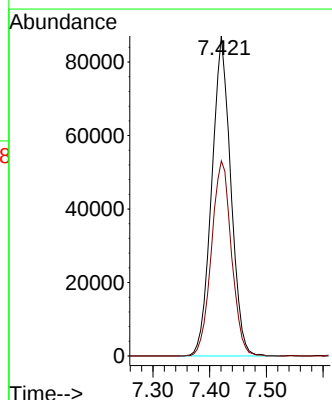
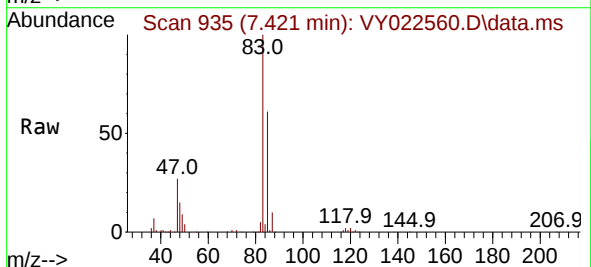
Acq: 05 Jun 2025 08:40

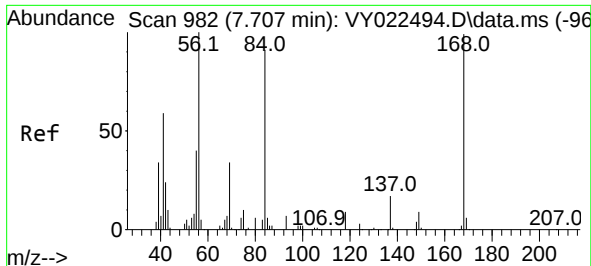
Tgt Ion: 83 Resp: 202907

Ion Ratio Lower Upper

83 100

85 61.0 54.2 81.4

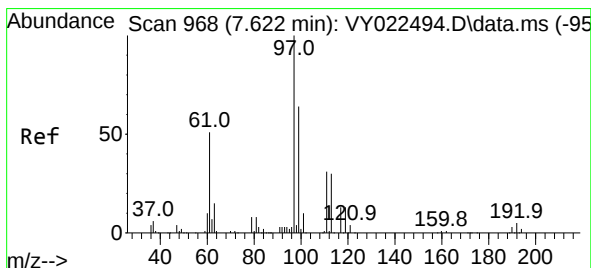
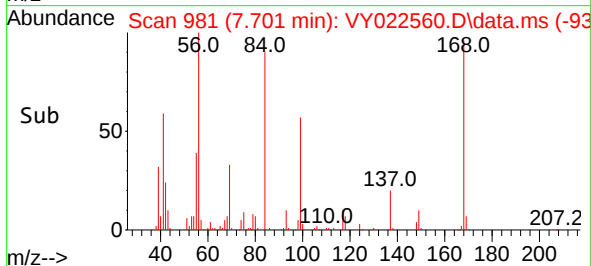
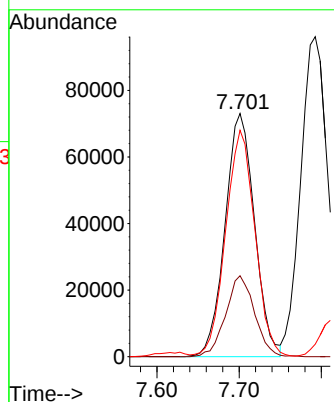
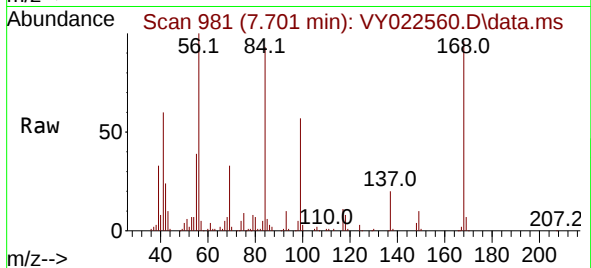




#31
Cyclohexane
Concen: 47.209 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

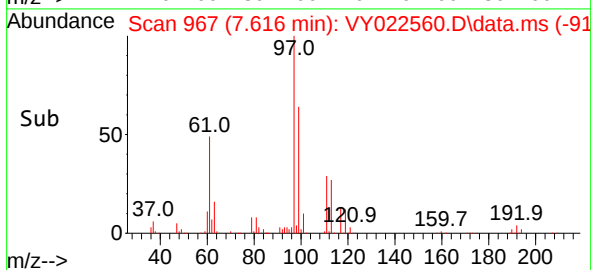
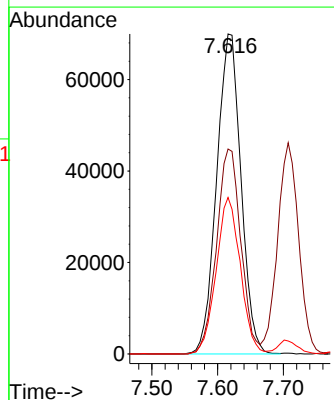
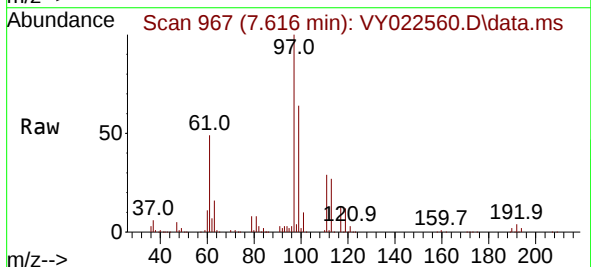
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

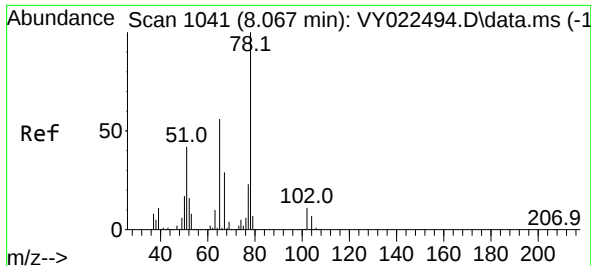
Tgt Ion: 56 Resp: 182358
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.6
84 91.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 52.822 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 97 Resp: 180206
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 48.5 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.393 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

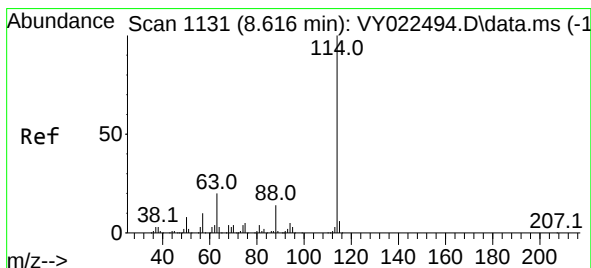
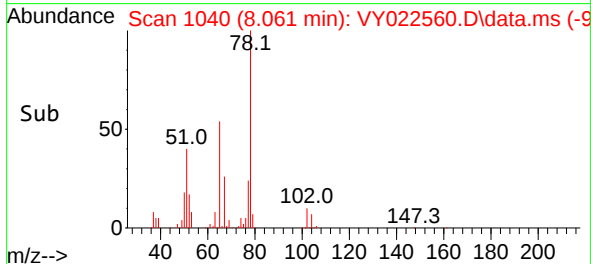
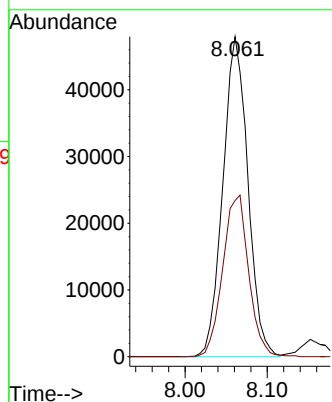
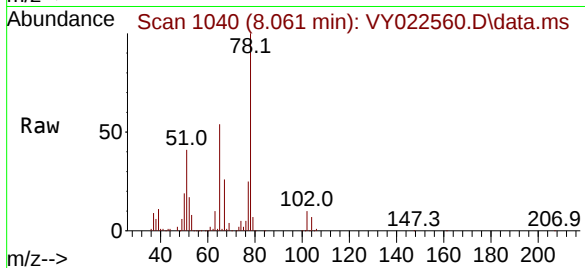
VSTDCCC050

Tgt Ion: 65 Resp: 101300

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

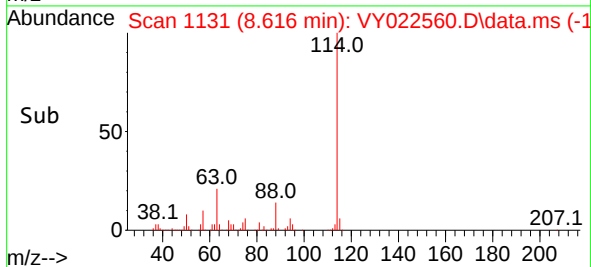
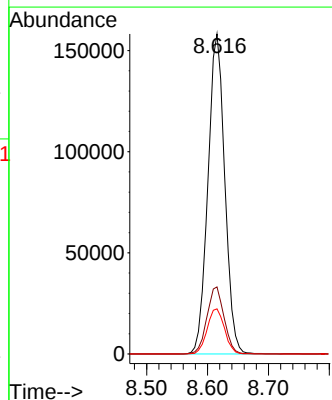
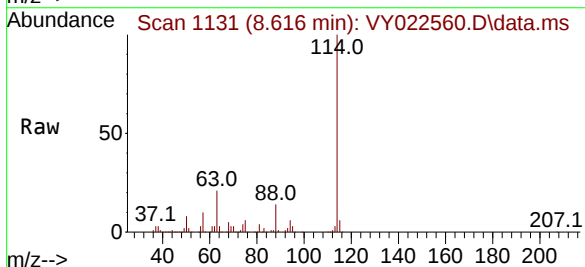
Tgt Ion: 114 Resp: 304462

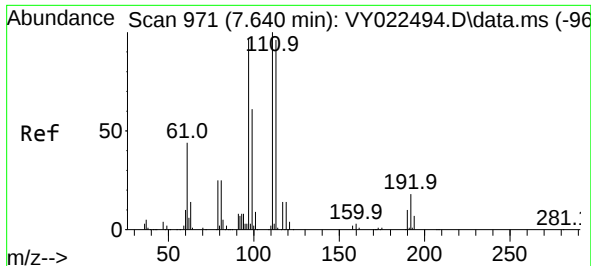
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 14.1 0.0 27.8

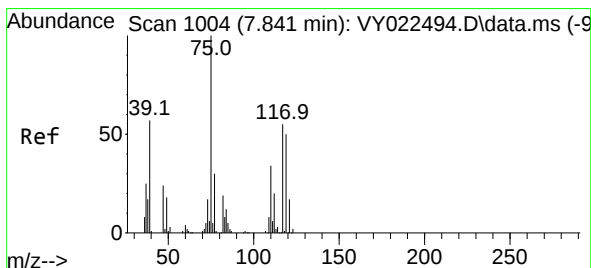
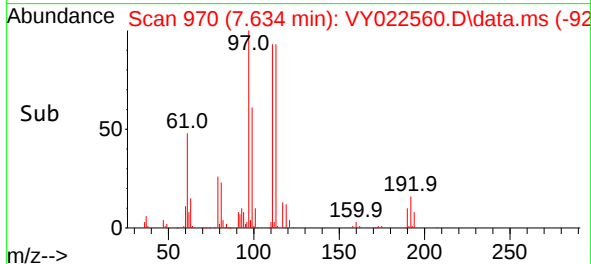
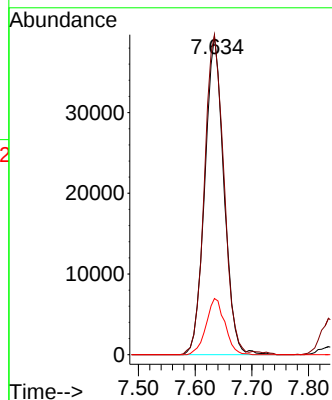
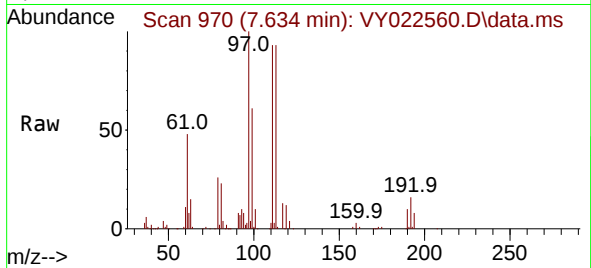




#35
Dibromofluoromethane
Concen: 50.652 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

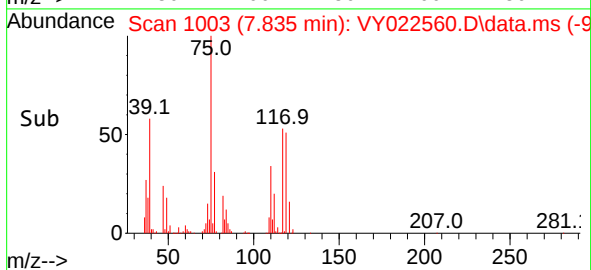
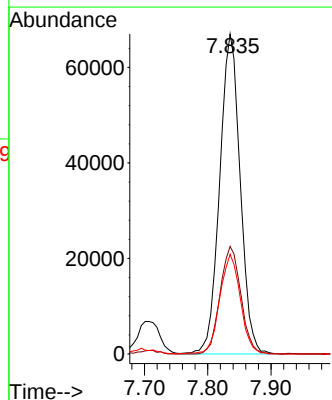
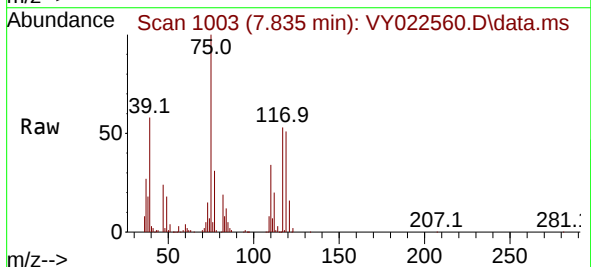
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

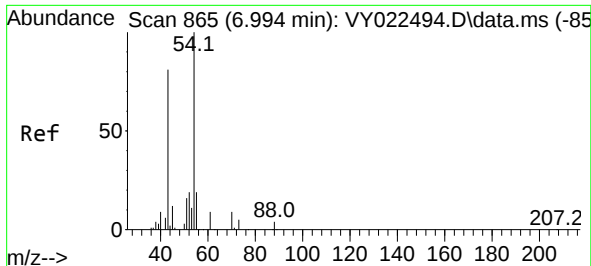
Tgt Ion:113 Resp: 92049
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 17.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.037 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 75 Resp: 150530
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 50.825 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

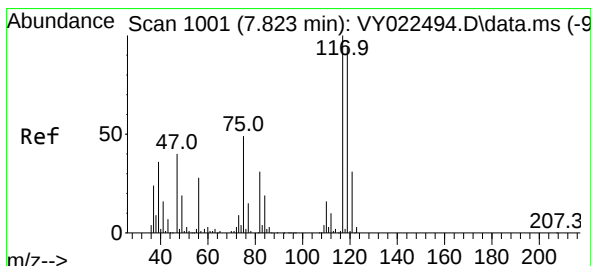
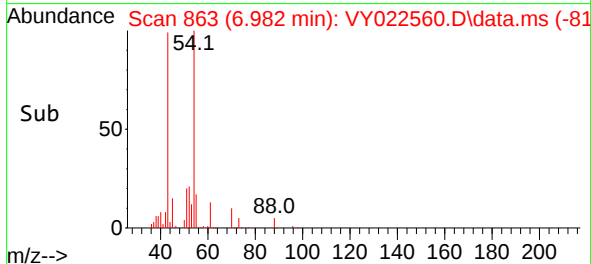
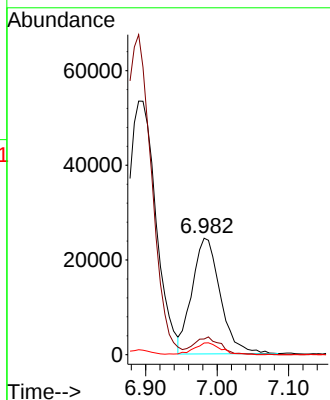
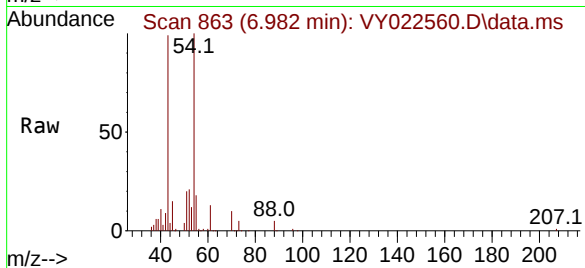
Tgt Ion: 43 Resp: 66850

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

70 9.6 7.2 10.8



#38

Carbon Tetrachloride

Concen: 51.301 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

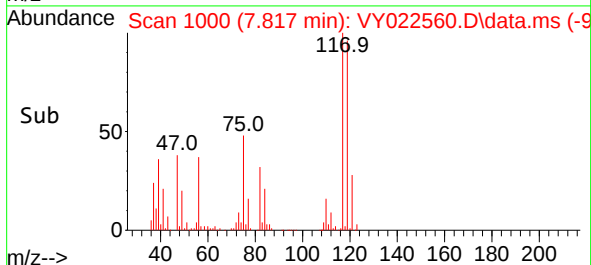
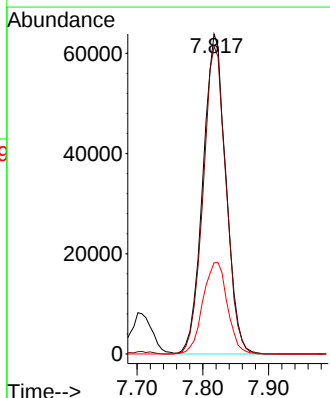
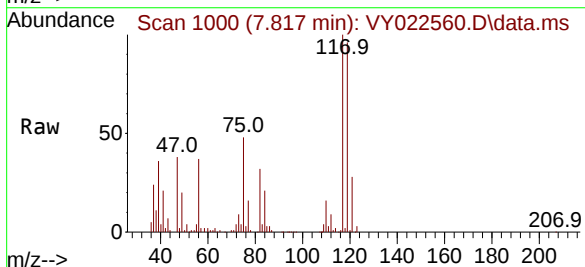
Tgt Ion: 117 Resp: 155220

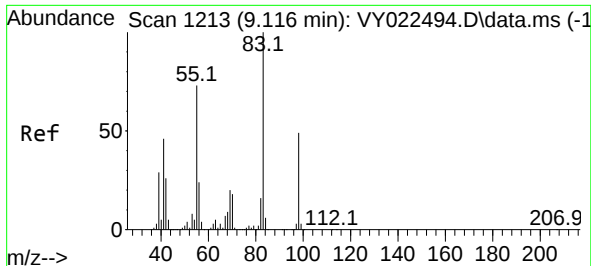
Ion Ratio Lower Upper

117 100

119 96.1 75.0 112.6

121 28.5 25.0 37.4





#39

Methylcyclohexane

Concen: 50.534 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

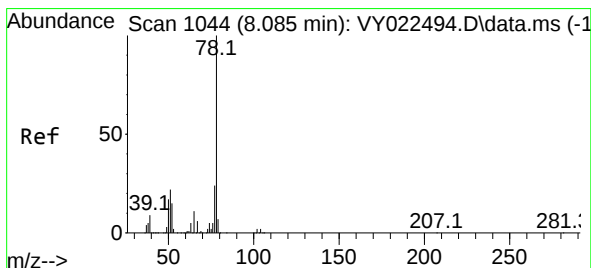
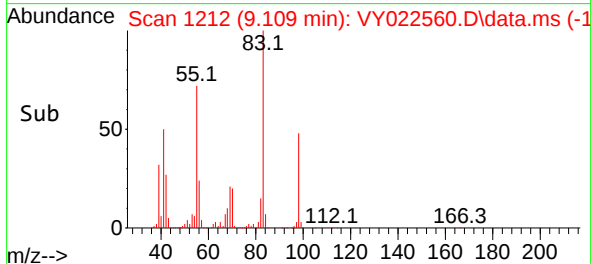
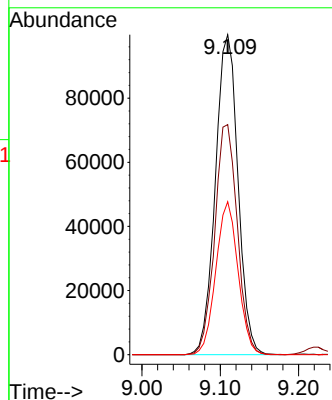
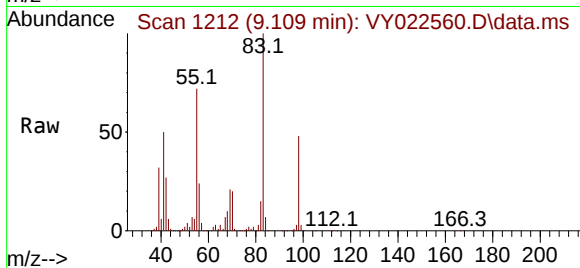
Tgt Ion: 83 Resp: 200296

Ion Ratio Lower Upper

83 100

55 71.9 58.1 87.1

98 47.8 39.0 58.6



#40

Benzene

Concen: 52.432 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022560.D

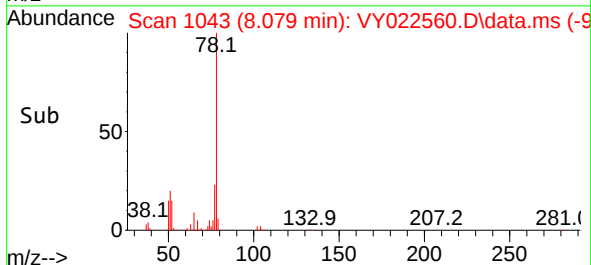
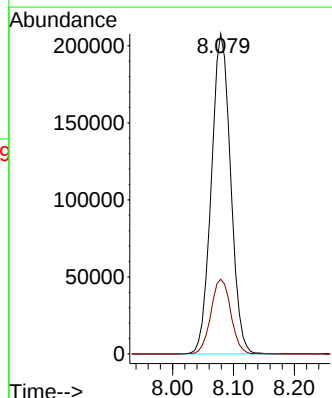
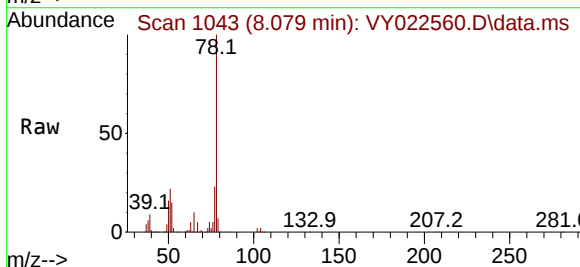
Acq: 05 Jun 2025 08:40

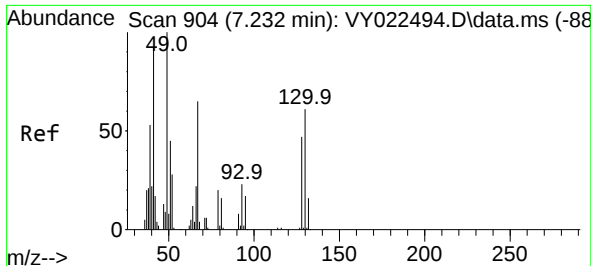
Tgt Ion: 78 Resp: 456755

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

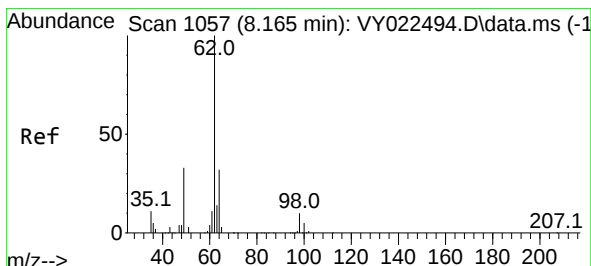
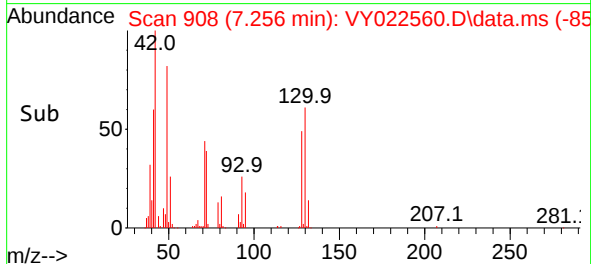
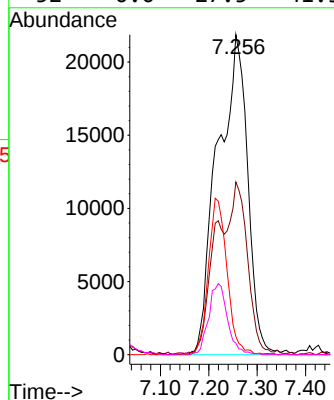
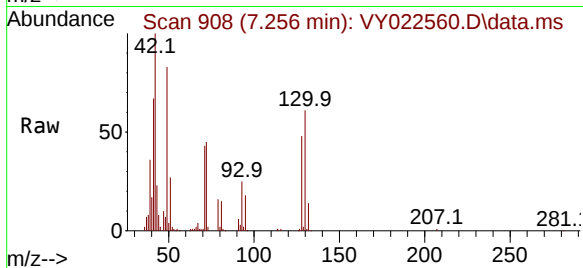




#41
Methacrylonitrile
Concen: 122.226 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

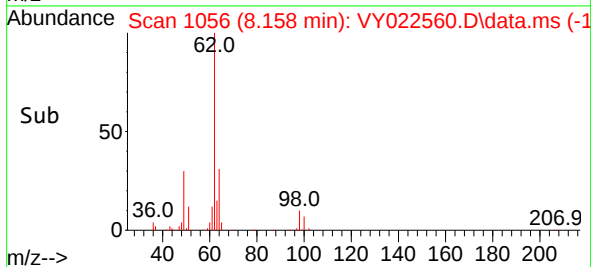
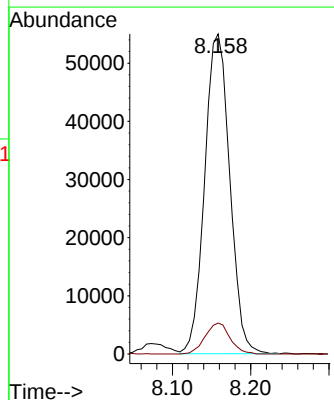
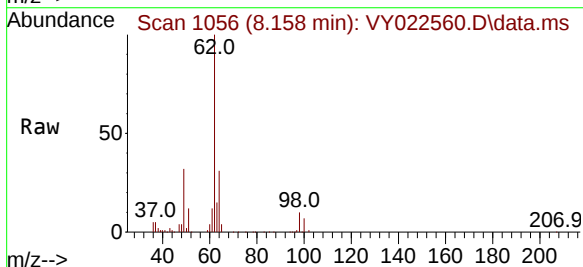
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

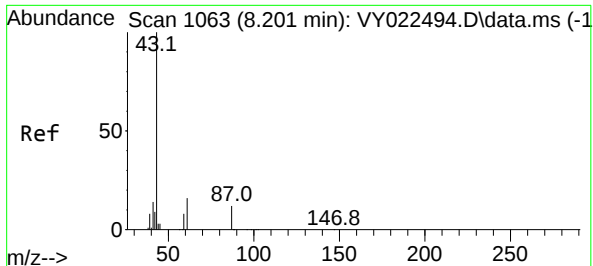
Tgt Ion: 41 Resp: 93904
Ion Ratio Lower Upper
41 100
39 30.0 46.6 69.8#
67 0.0 63.3 94.9#
52 0.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 51.436 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 62 Resp: 122345
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

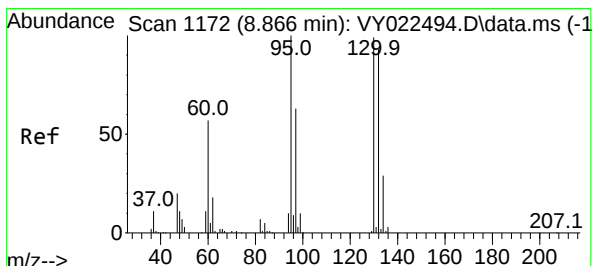
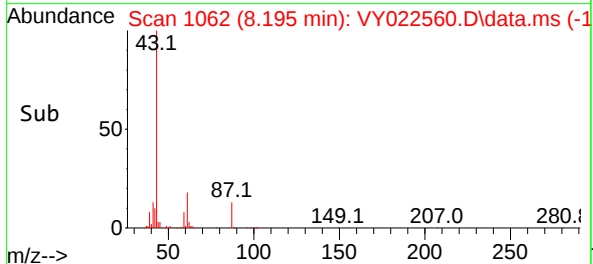
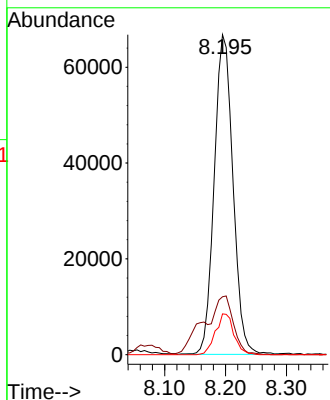
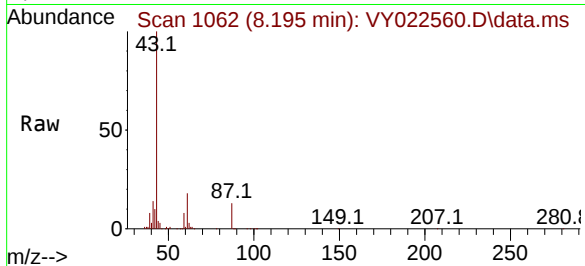




#43
Isopropyl Acetate
Concen: 50.201 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

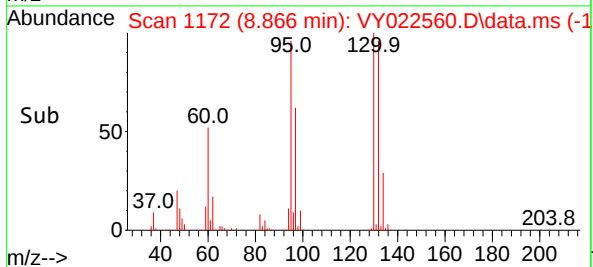
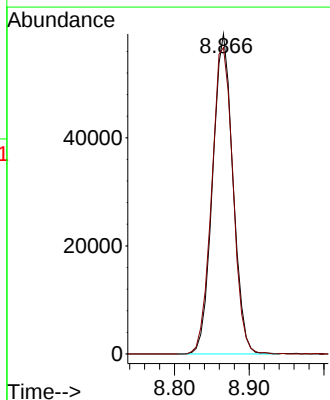
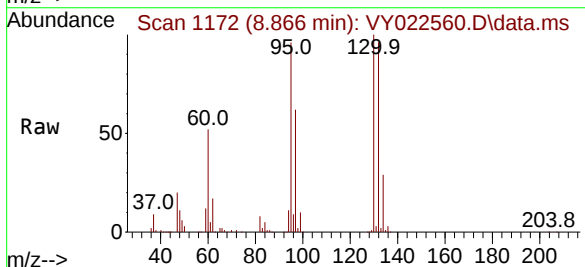
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

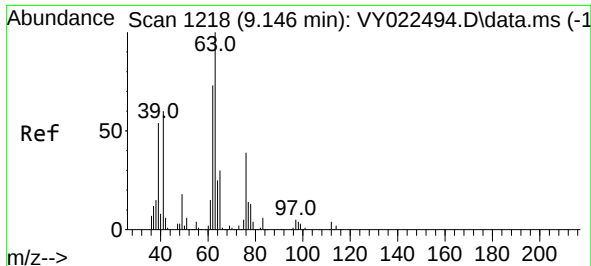
Tgt Ion: 43 Resp: 142605
Ion Ratio Lower Upper
43 100
61 19.3 15.6 23.4
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 52.526 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:130 Resp: 111833
Ion Ratio Lower Upper
130 100
95 95.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 52.259 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

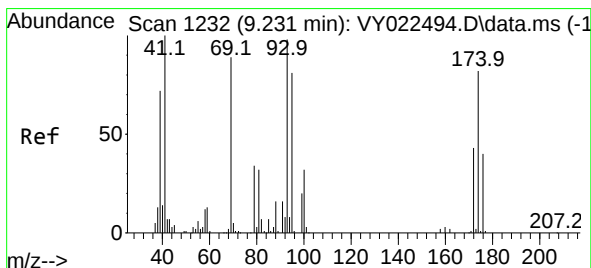
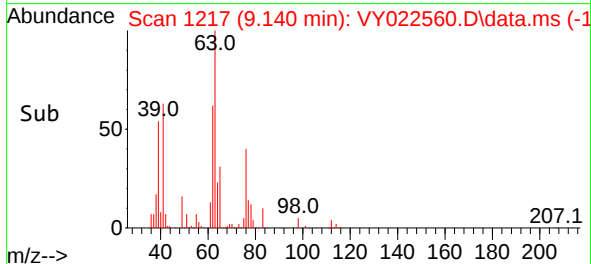
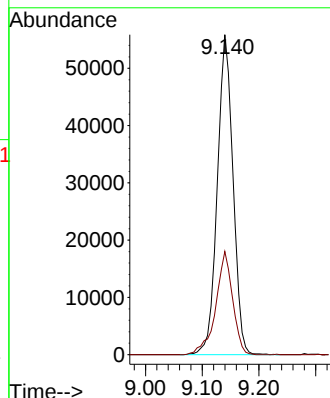
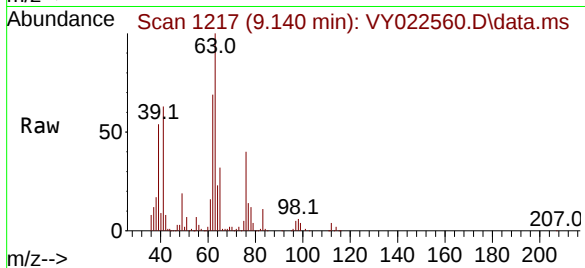
VSTDCCC050

Tgt Ion: 63 Resp: 107590

Ion Ratio Lower Upper

63 100

65 32.3 24.0 36.0



#46

Dibromomethane

Concen: 51.156 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

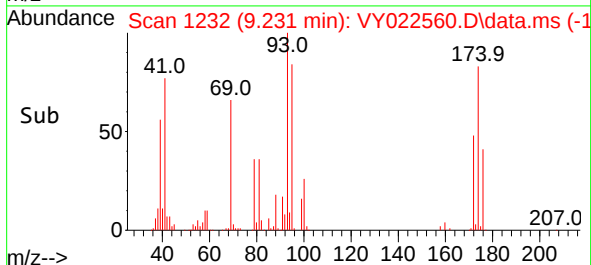
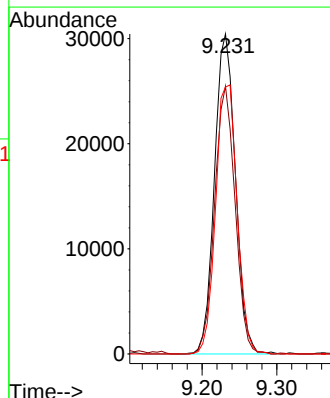
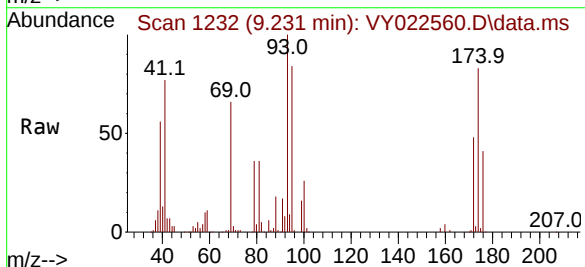
Tgt Ion: 93 Resp: 59252

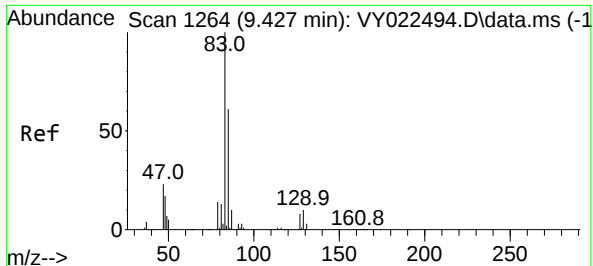
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 86.5 70.4 105.6





#47

Bromodichloromethane

Concen: 53.035 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

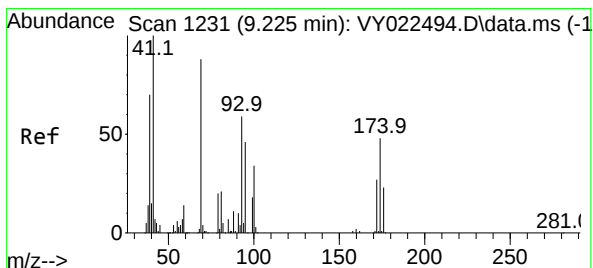
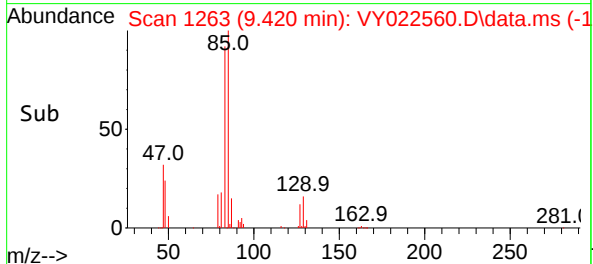
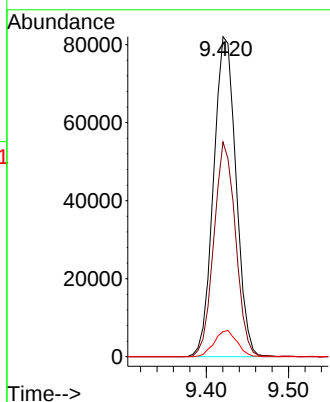
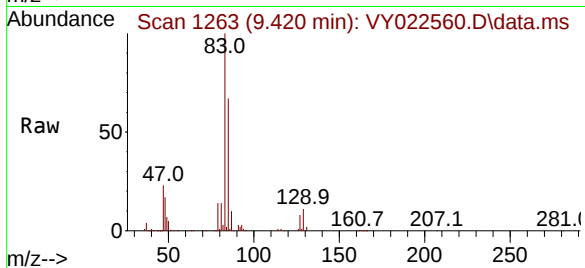
Tgt Ion: 83 Resp: 155758

Ion Ratio Lower Upper

83 100

85 67.1 49.1 73.7

127 7.8 6.2 9.4



#48

Methyl methacrylate

Concen: 49.926 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

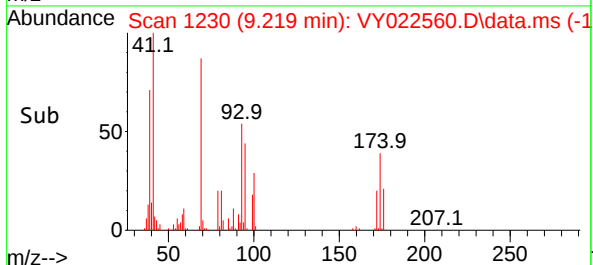
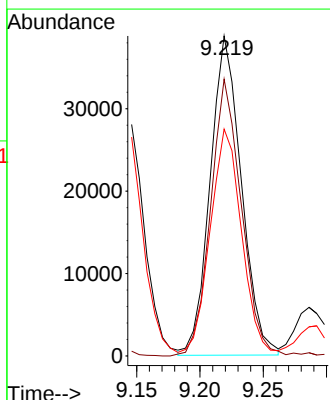
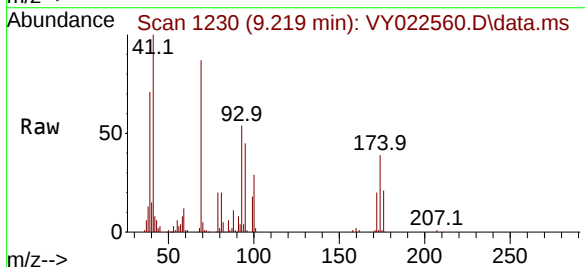
Tgt Ion: 41 Resp: 66562

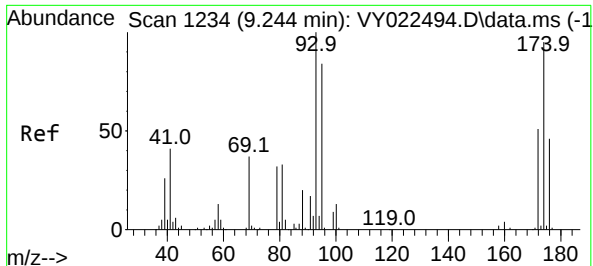
Ion Ratio Lower Upper

41 100

69 85.9 67.8 101.8

39 69.6 55.0 82.4





#49

1,4-Dioxane

Concen: 982.154 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

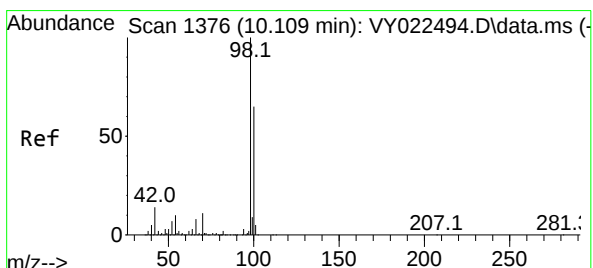
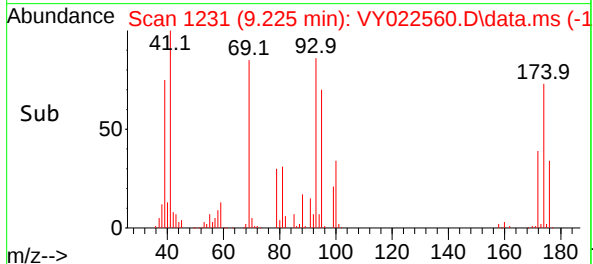
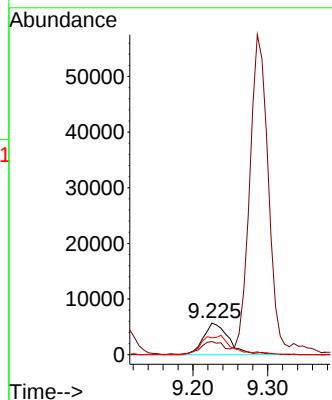
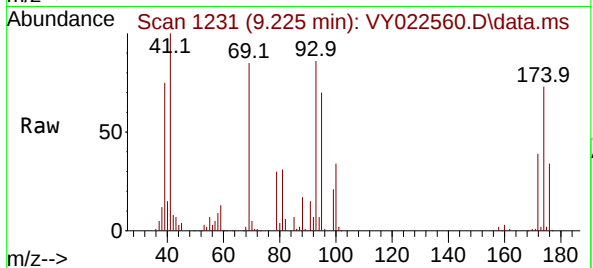
Tgt Ion: 88 Resp: 13477

Ion Ratio Lower Upper

88 100

43 36.8 25.4 38.2

58 71.8 54.9 82.3



#50

Toluene-d8

Concen: 50.897 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022560.D

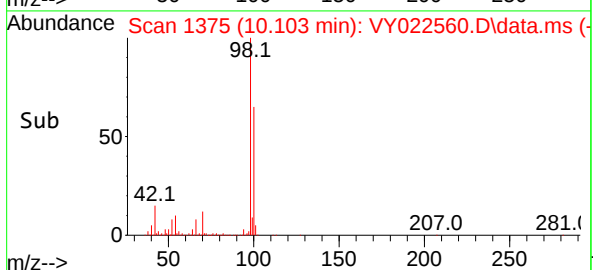
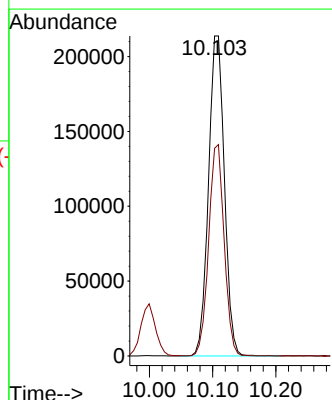
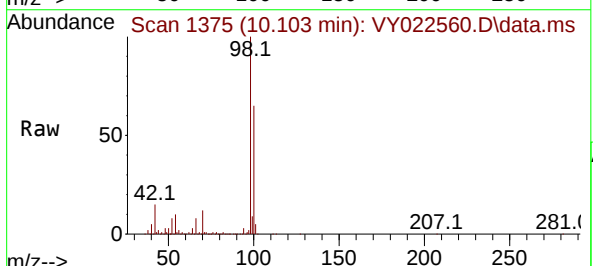
Acq: 05 Jun 2025 08:40

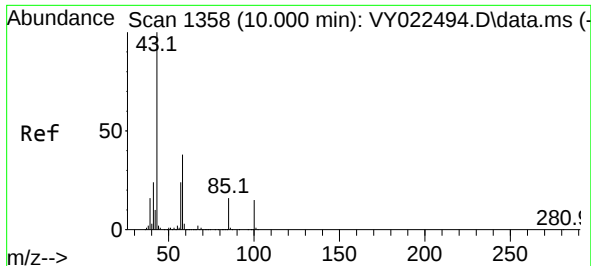
Tgt Ion: 98 Resp: 373731

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

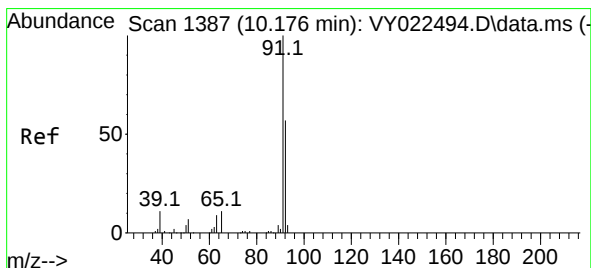
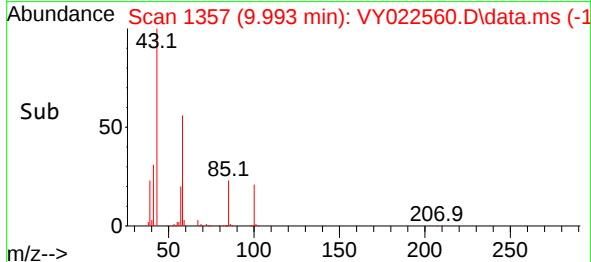
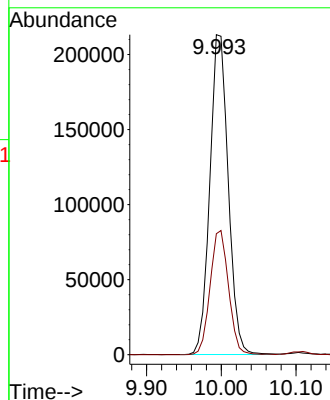
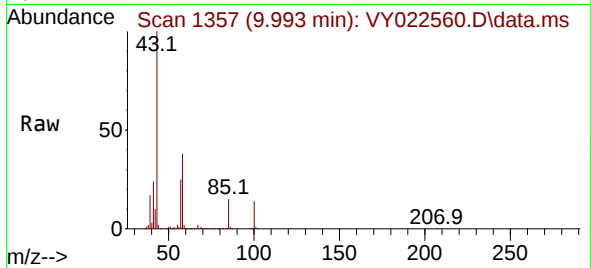




#51
4-Methyl-2-Pentanone
Concen: 257.736 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

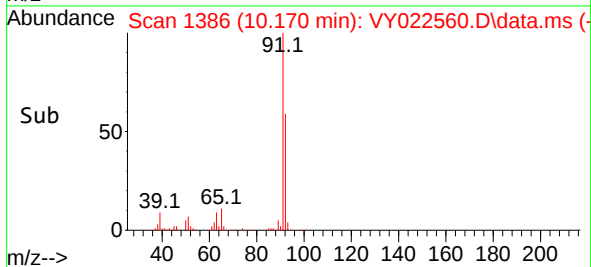
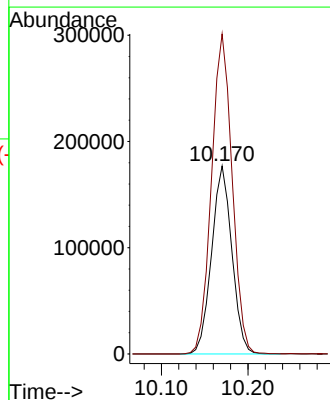
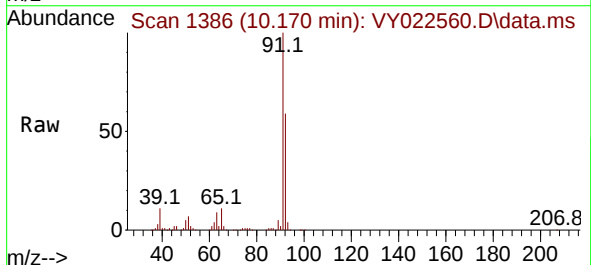
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

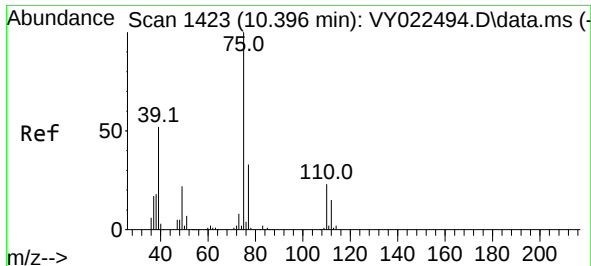
Tgt Ion: 43 Resp: 365027
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6



#52
Toluene
Concen: 52.479 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 92 Resp: 287298
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.4

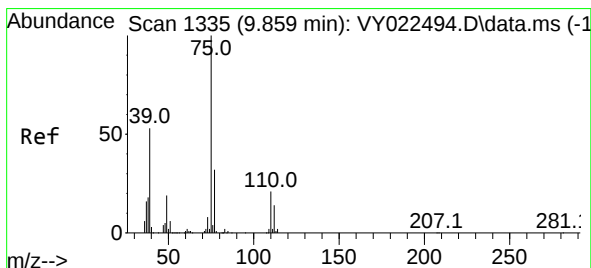
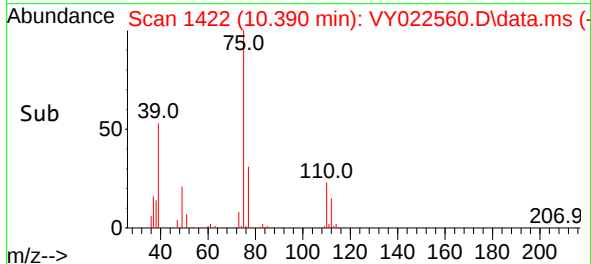
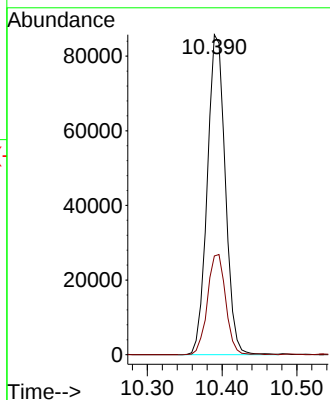
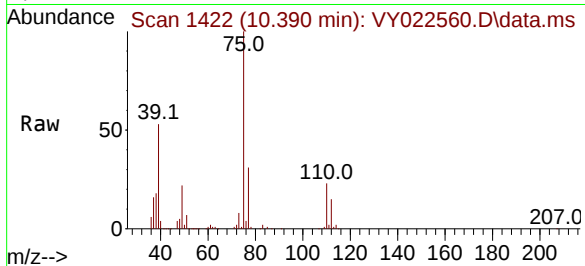




#53
t-1,3-Dichloropropene
Concen: 52.202 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

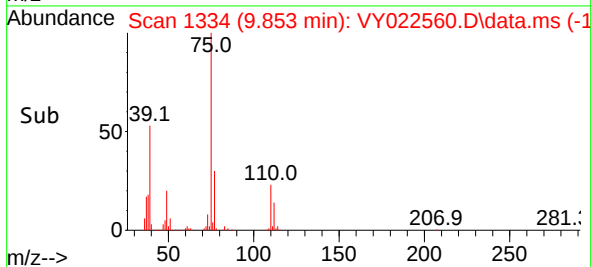
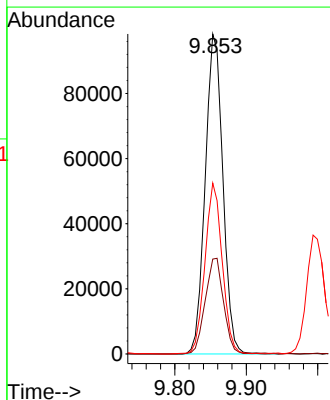
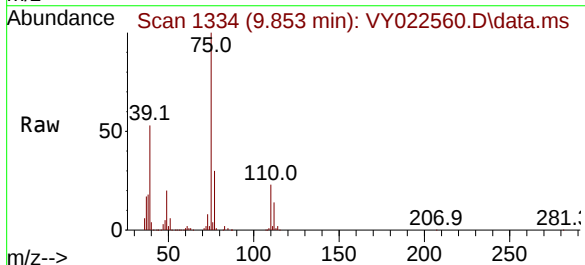
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

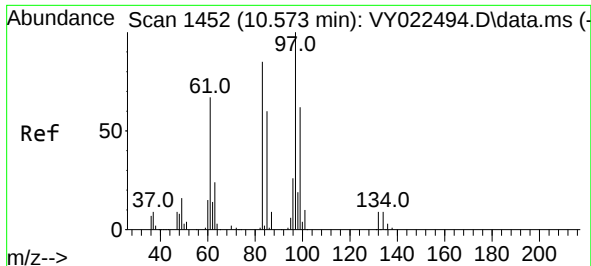
Tgt Ion: 75 Resp: 143649
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 52.611 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 75 Resp: 168525
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9
39 53.3 42.7 64.1

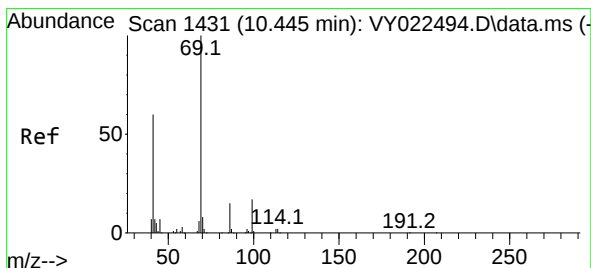
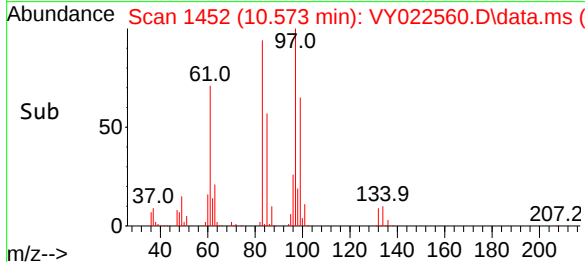
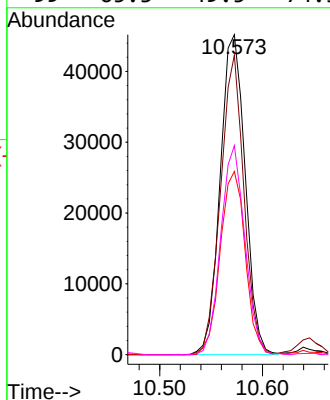
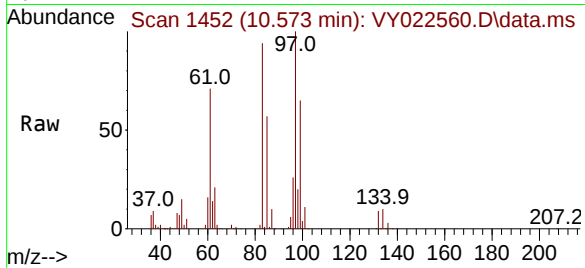




#55
1,1,2-Trichloroethane
Concen: 51.632 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

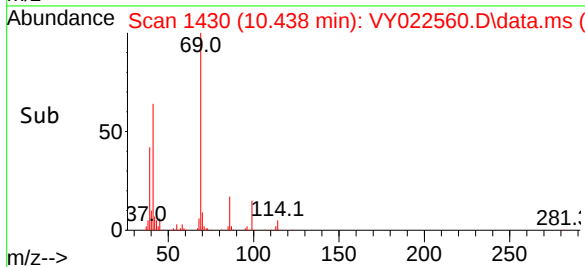
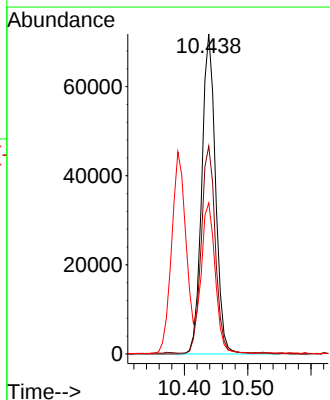
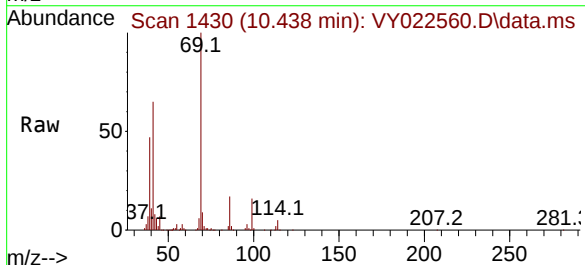
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

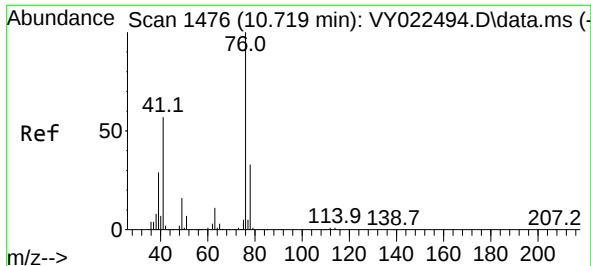
Tgt Ion:	97	Resp:	76256
Ion	Ratio	Lower	Upper
97	100		
83	93.6	68.1	102.1
85	57.3	48.2	72.2
99	65.3	49.5	74.3



#56
Ethyl methacrylate
Concen: 51.228 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:	69	Resp:	109353
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	47.7	36.7	55.1





#57

1,3-Dichloropropane

Concen: 51.622 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

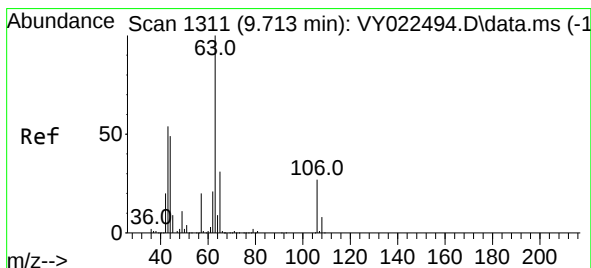
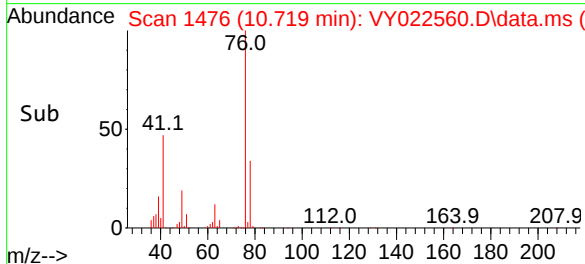
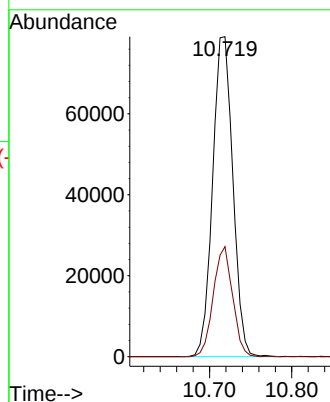
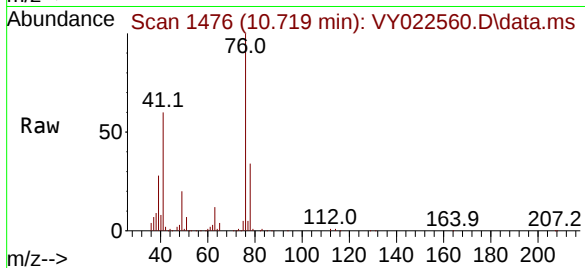
VSTDCCC050

Tgt Ion: 76 Resp: 135132

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 275.313 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022560.D

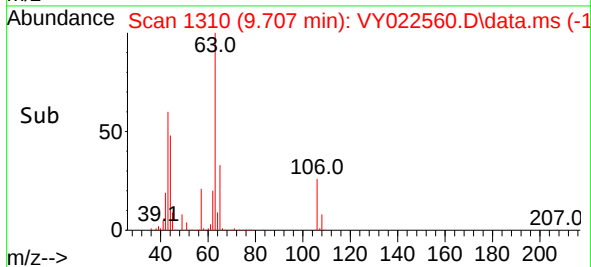
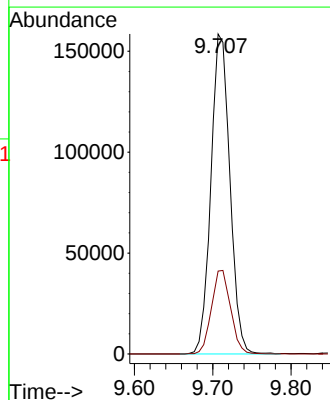
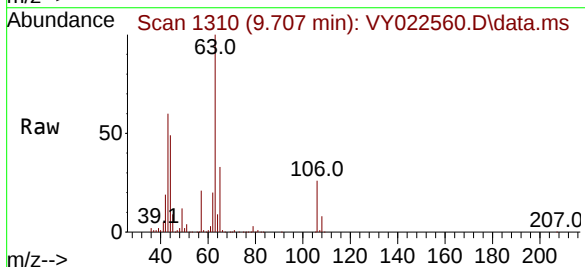
Acq: 05 Jun 2025 08:40

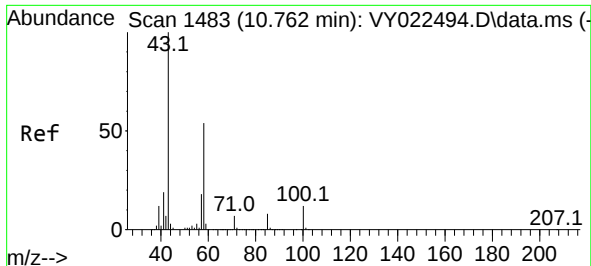
Tgt Ion: 63 Resp: 266825

Ion Ratio Lower Upper

63 100

106 26.4 21.6 32.4

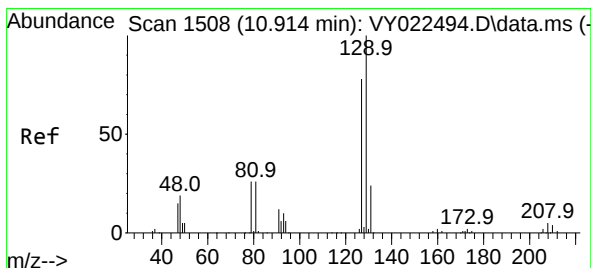
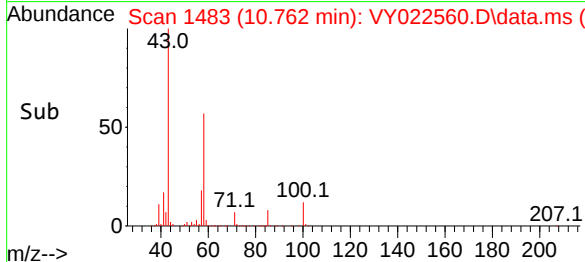
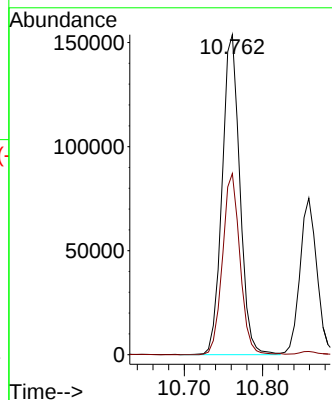
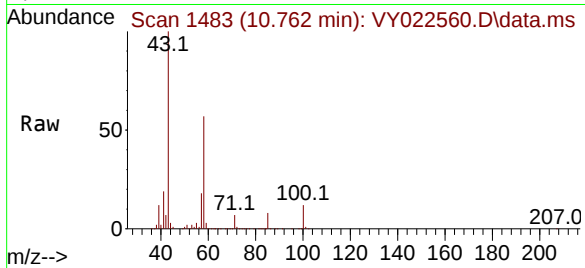




#59
2-Hexanone
Concen: 255.309 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

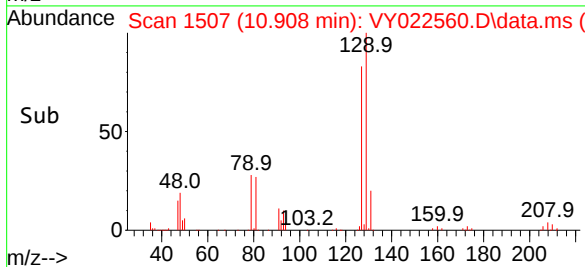
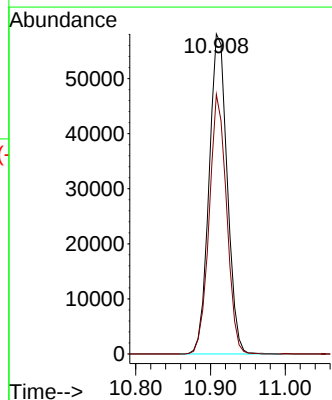
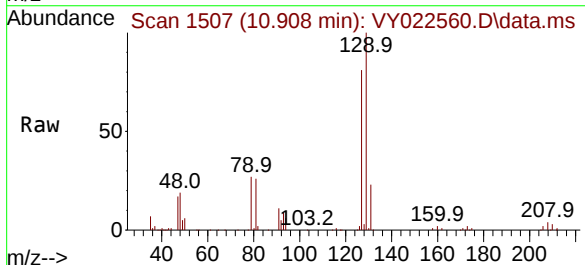
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

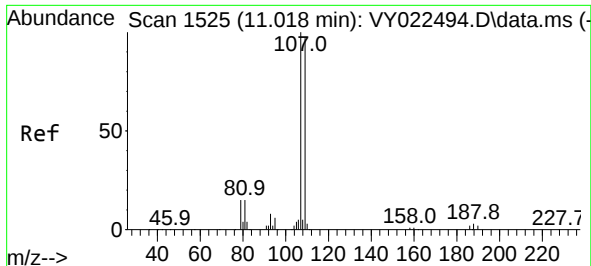
Tgt Ion: 43 Resp: 241828
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8



#60
Dibromochloromethane
Concen: 52.237 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:129 Resp: 98044
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

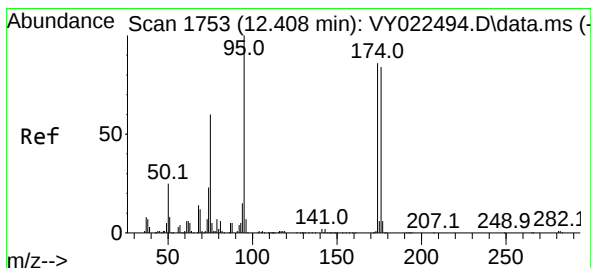
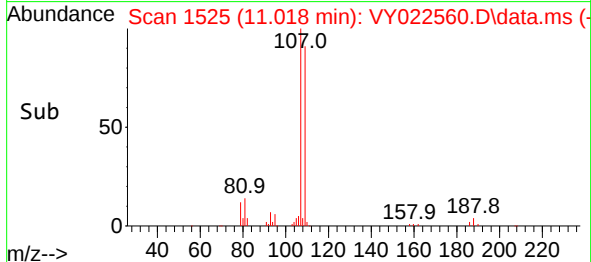
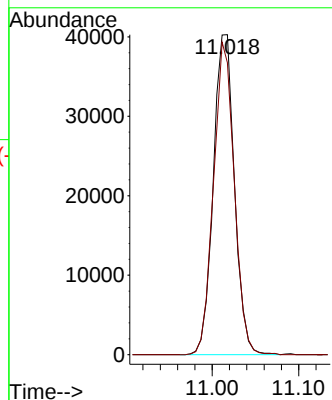
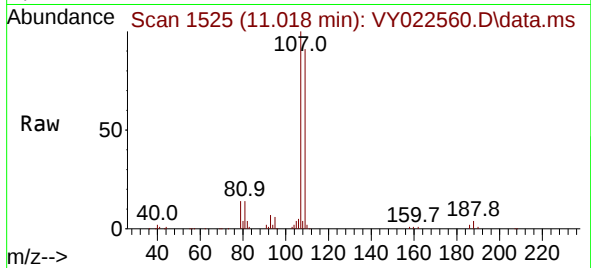




#61
1,2-Dibromoethane
Concen: 50.785 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

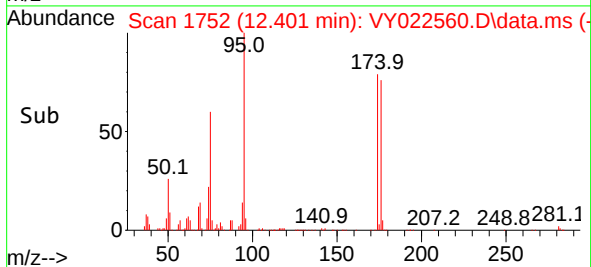
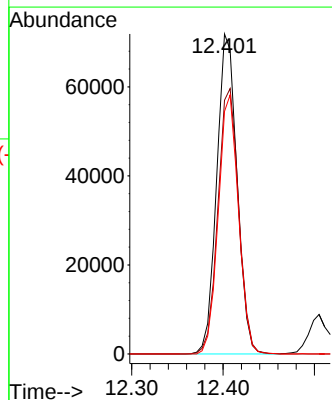
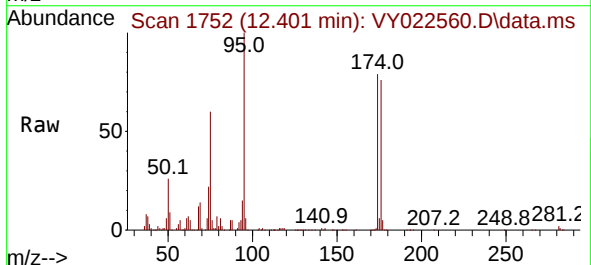
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

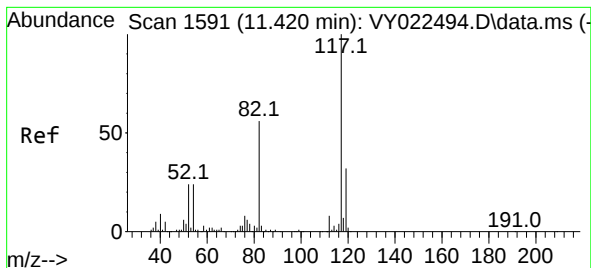
Tgt Ion:107 Resp: 68363
Ion Ratio Lower Upper
107 100
109 95.9 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.680 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 95 Resp: 110879
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 80.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

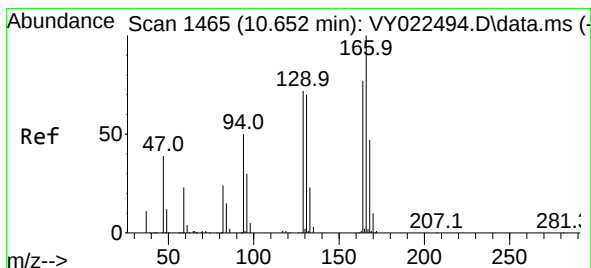
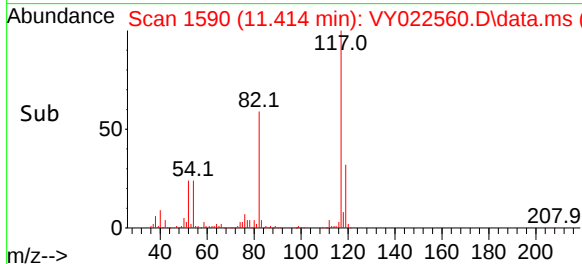
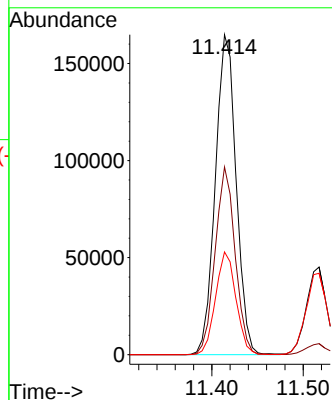
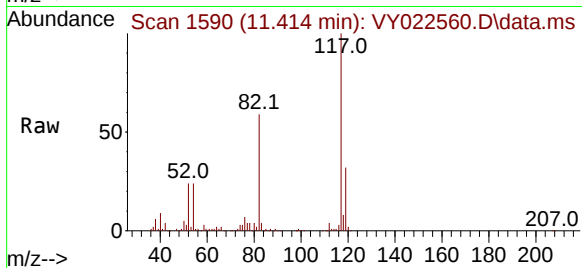
Tgt Ion:117 Resp: 260955

Ion Ratio Lower Upper

117 100

82 58.6 44.6 66.8

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 55.796 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Tgt Ion:164 Resp: 125249

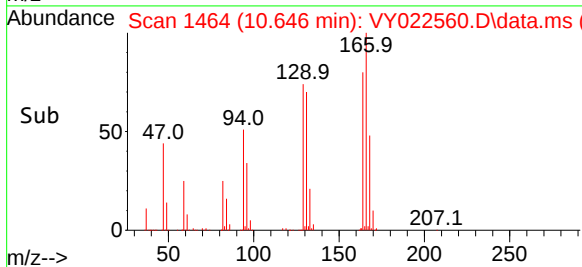
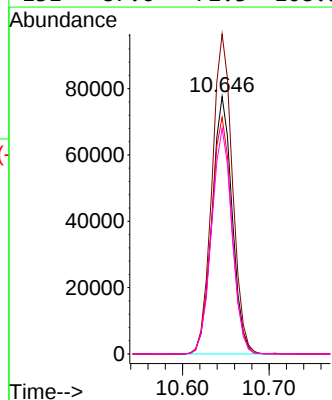
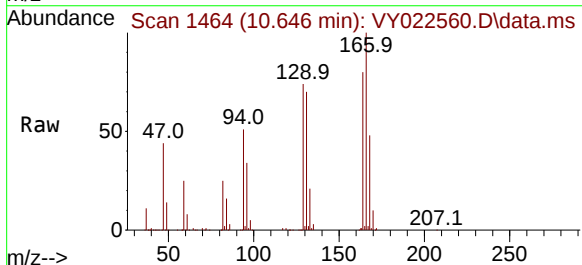
Ion Ratio Lower Upper

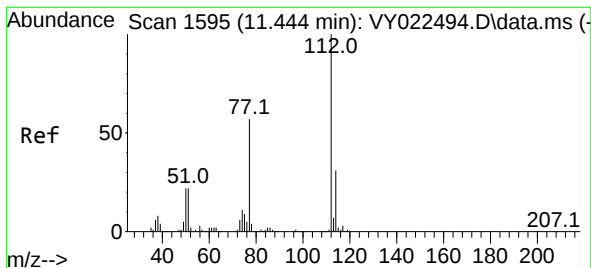
164 100

166 124.3 104.0 156.0

129 92.0 74.5 111.7

131 87.6 72.3 108.5

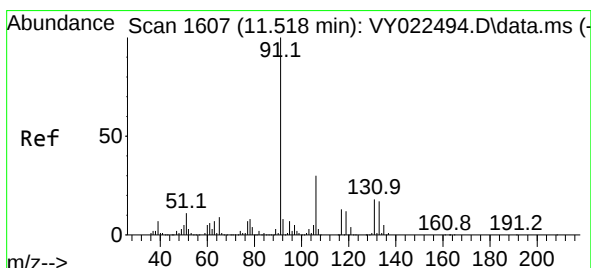
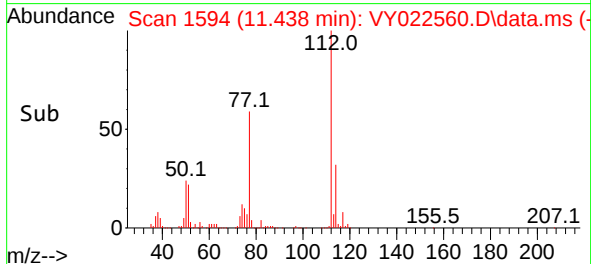
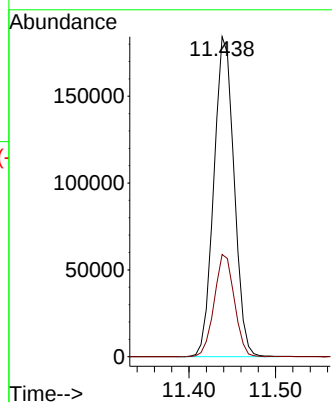
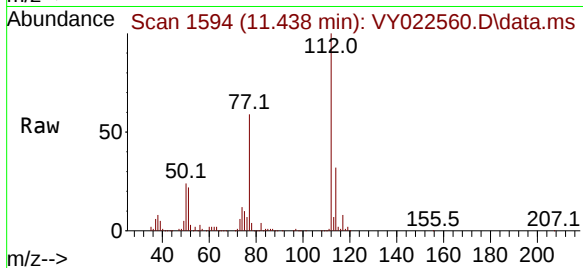




#65
Chlorobenzene
Concen: 51.865 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

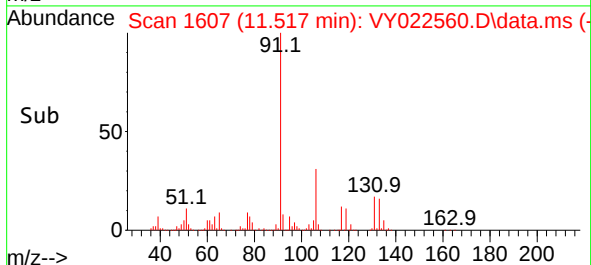
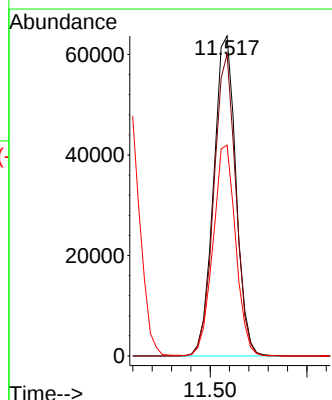
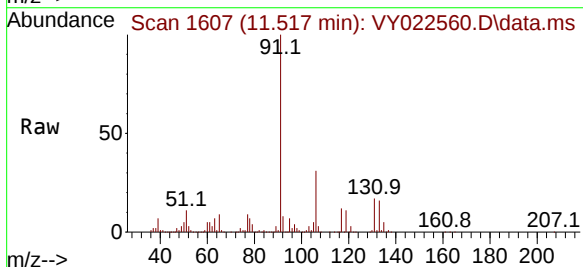
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

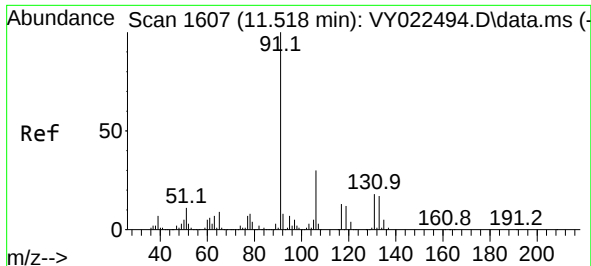
Tgt Ion:112 Resp: 299502
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.474 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:131 Resp: 102078
Ion Ratio Lower Upper
131 100
133 92.6 47.3 141.8
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 52.331 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

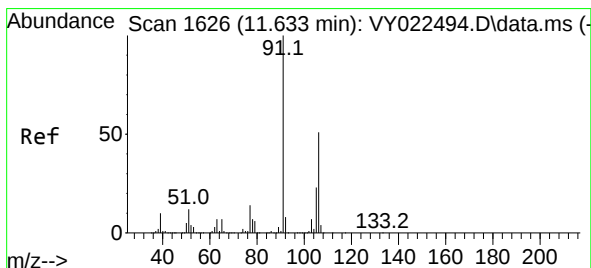
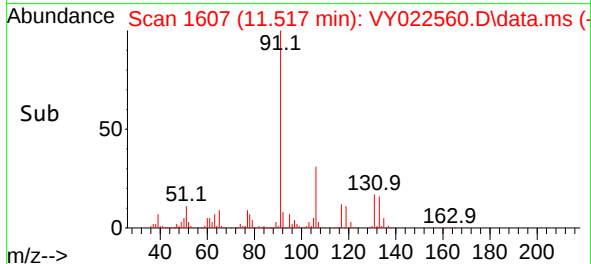
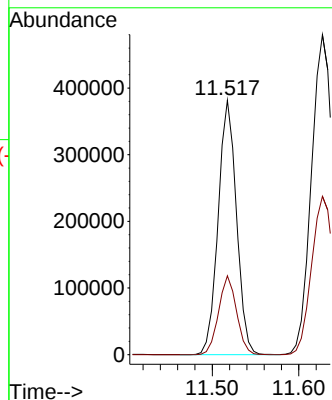
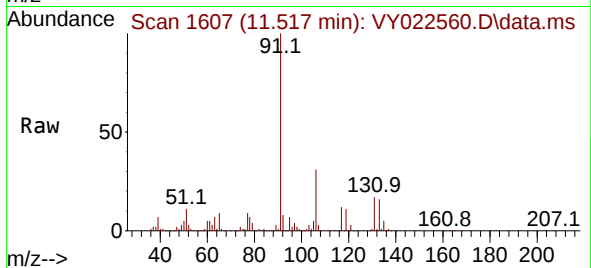
VSTDCCC050

Tgt Ion: 91 Resp: 560498

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4



#68

m/p-Xylenes

Concen: 104.619 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022560.D

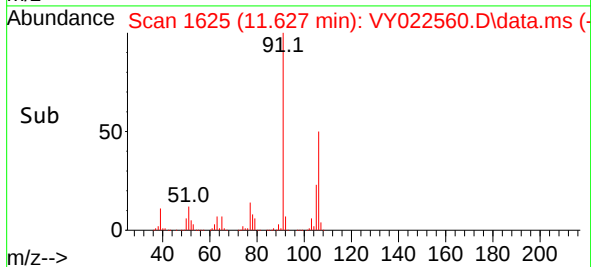
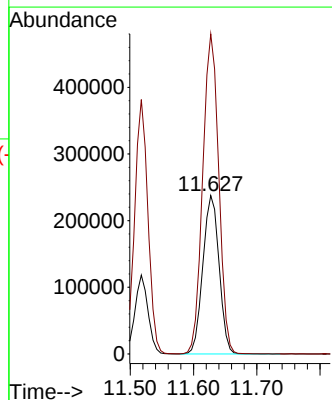
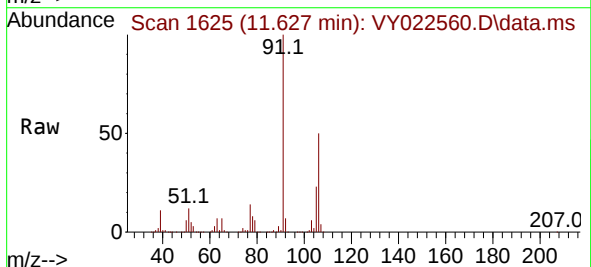
Acq: 05 Jun 2025 08:40

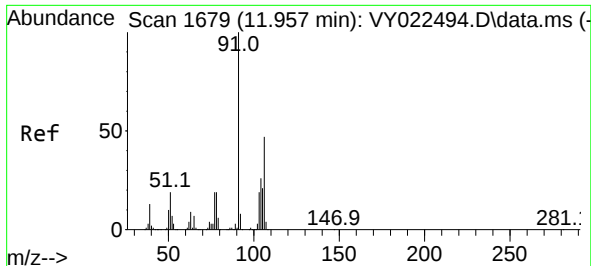
Tgt Ion:106 Resp: 424785

Ion Ratio Lower Upper

106 100

91 199.4 159.4 239.0

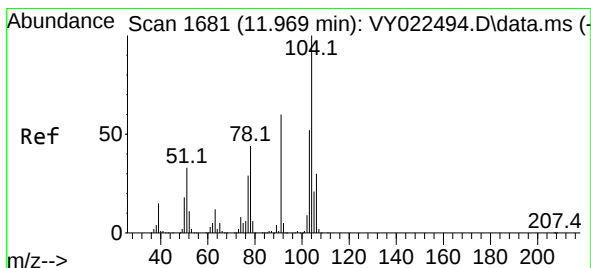
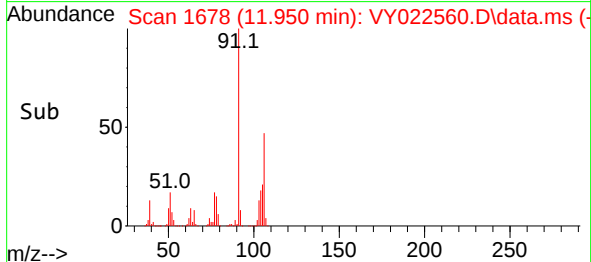
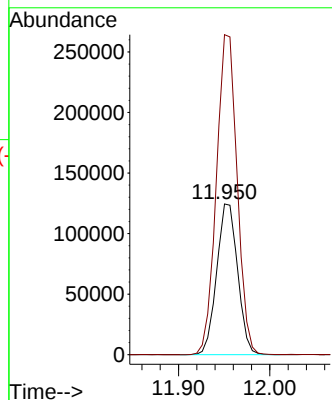
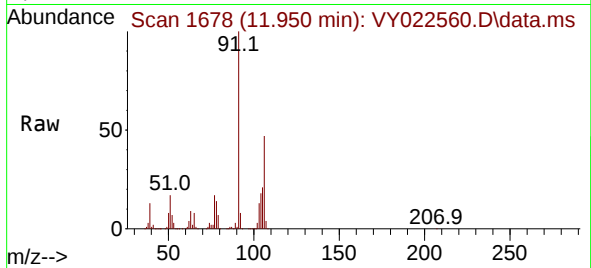




#69
o-Xylene
Concen: 52.116 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

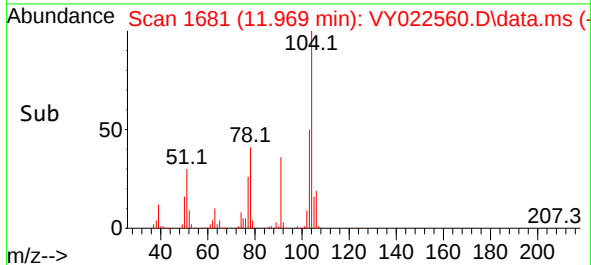
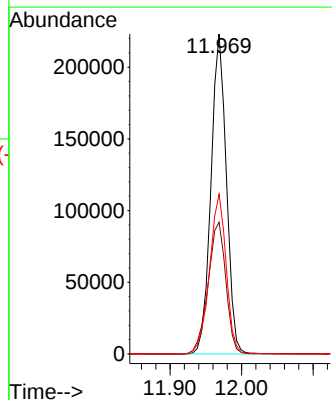
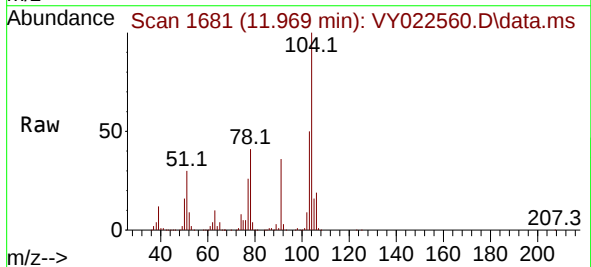
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

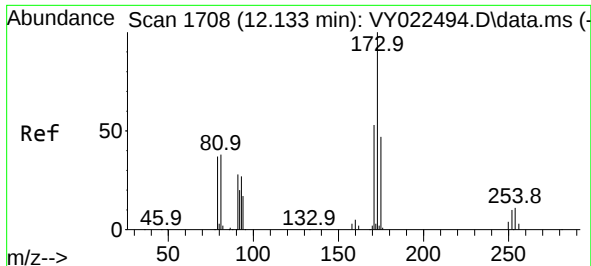
Tgt Ion:106 Resp: 198395
Ion Ratio Lower Upper
106 100
91 210.7 105.8 317.3



#70
Styrene
Concen: 53.031 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:104 Resp: 333704
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 53.8 44.1 66.1

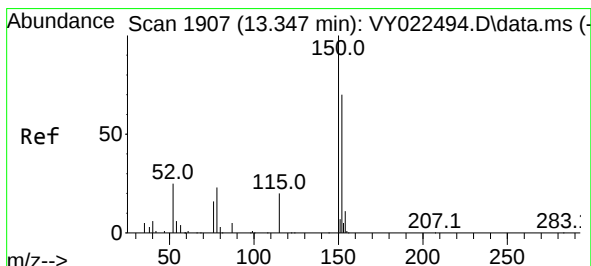
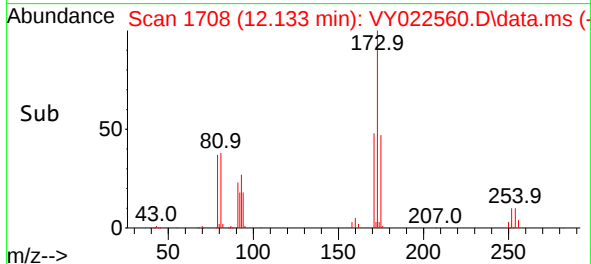
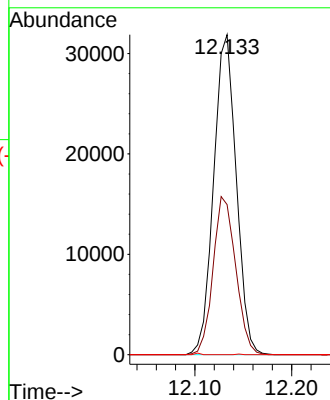
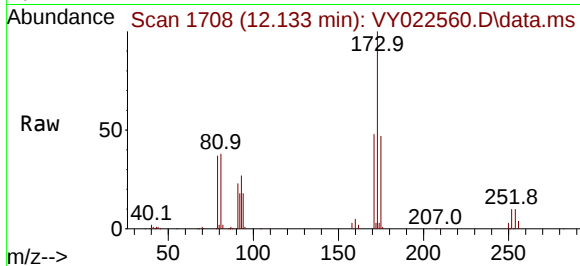




#71
Bromoform
Concen: 49.882 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

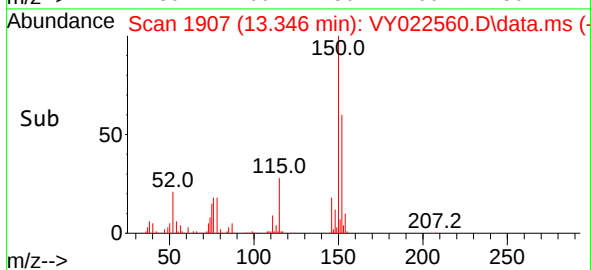
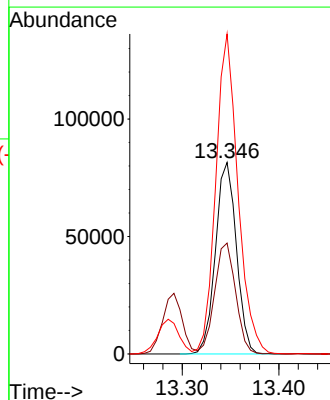
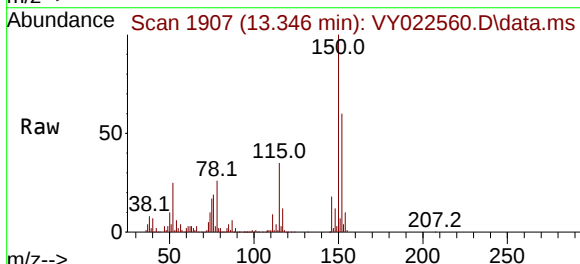
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

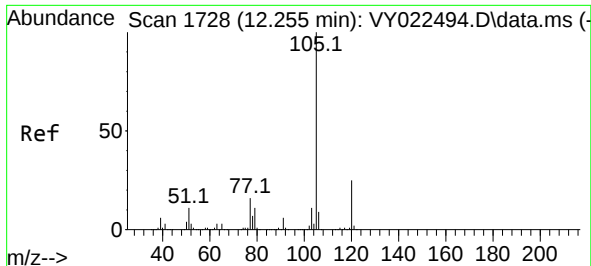
Tgt Ion:173 Resp: 51637
Ion Ratio Lower Upper
173 100
175 49.6 23.8 71.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion:152 Resp: 122317
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.7
150 176.9 0.0 349.6

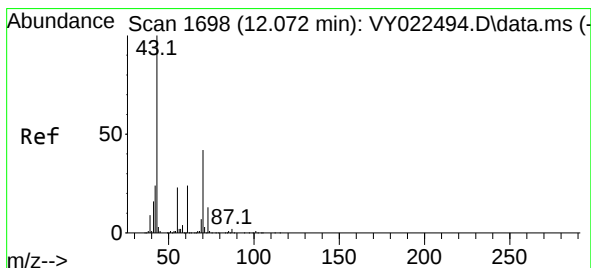
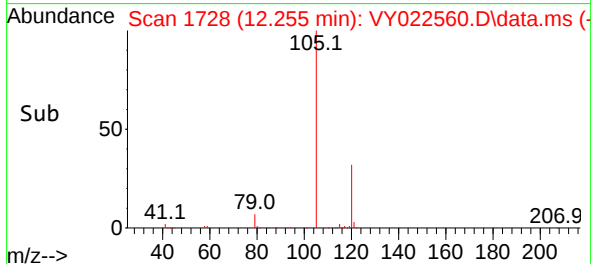
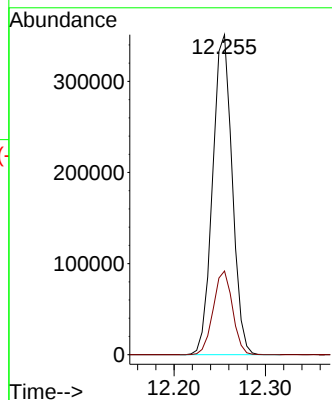
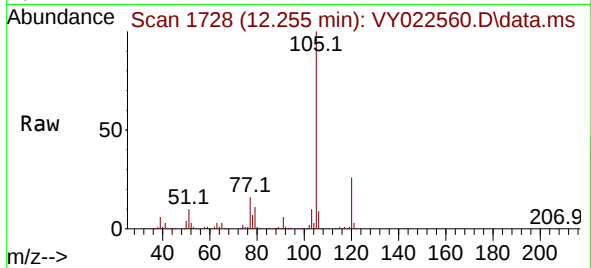




#73
Isopropylbenzene
Concen: 51.869 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

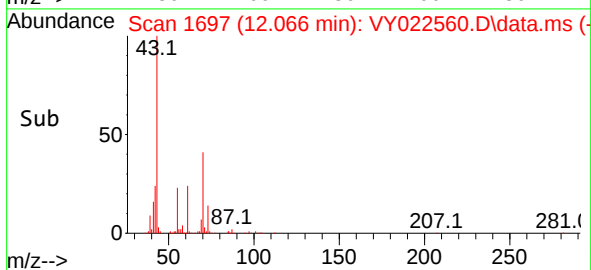
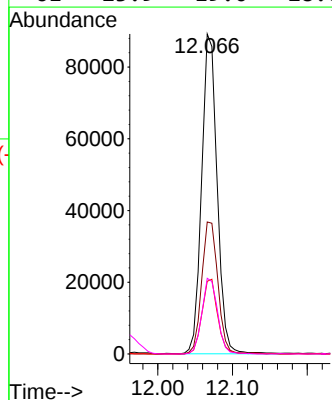
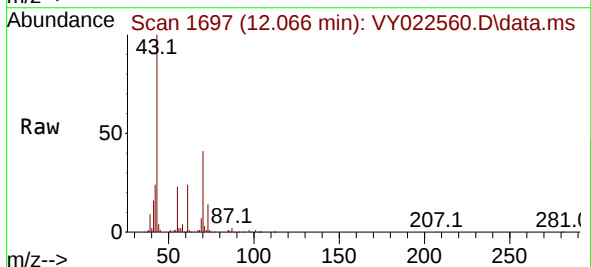
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

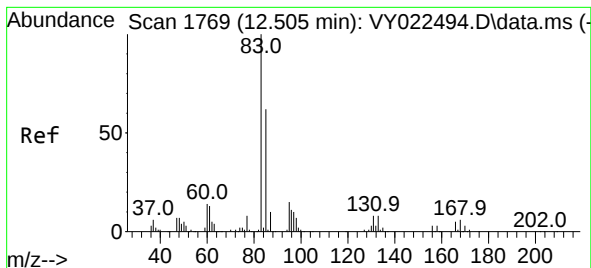
Tgt Ion:105 Resp: 520881
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 50.664 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 43 Resp: 128376
Ion Ratio Lower Upper
43 100
70 43.0 34.2 51.2
55 23.7 18.2 27.4
61 23.9 19.0 28.6

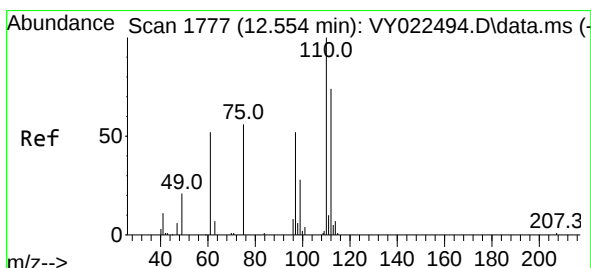
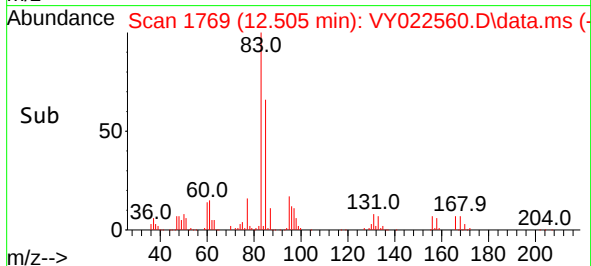
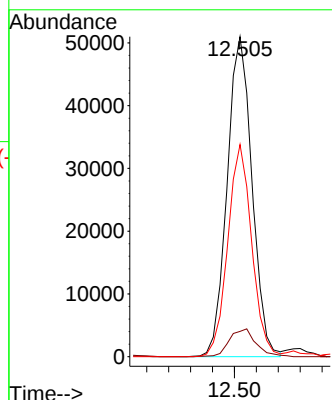
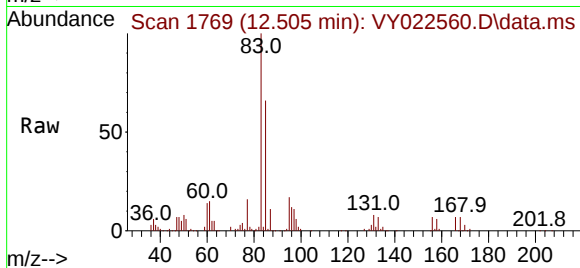




#75
 1,1,2-Tetrachloroethane
 Concen: 48.734 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

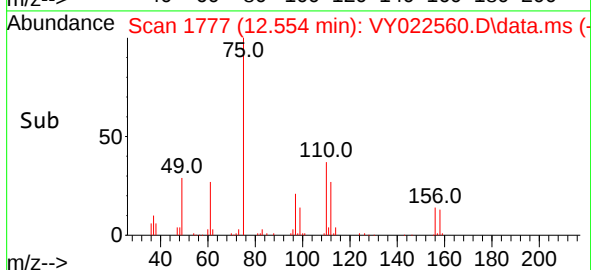
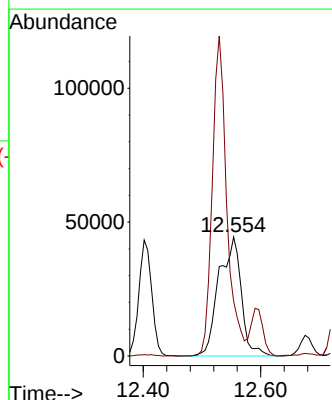
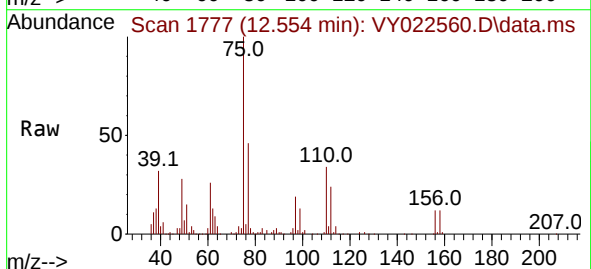
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

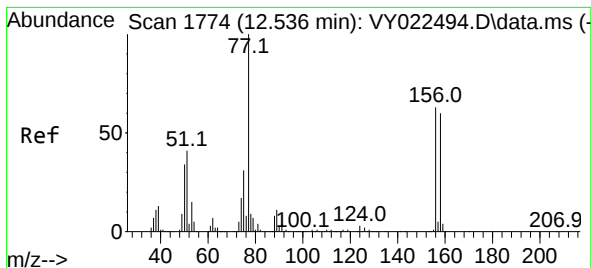
Tgt Ion: 83 Resp: 80322
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.9 14.7
 85 63.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 84.095 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

Tgt Ion: 75 Resp: 117679
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.041 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

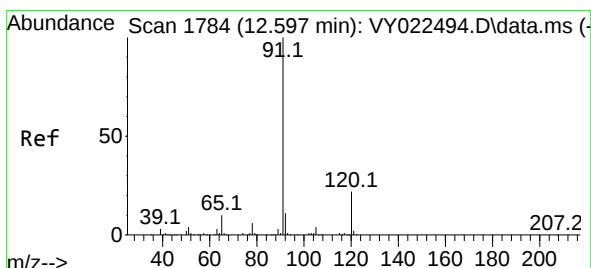
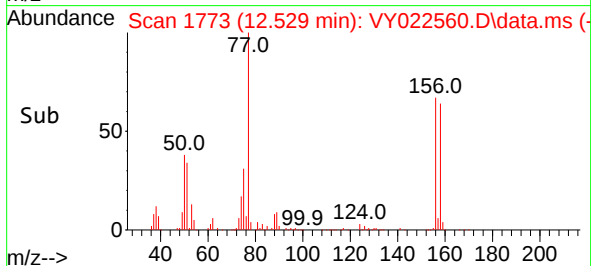
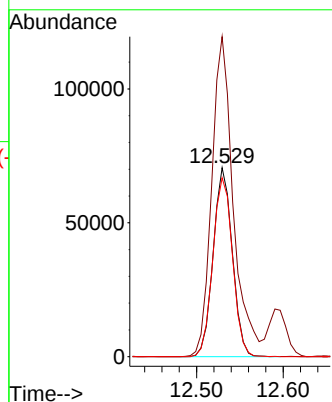
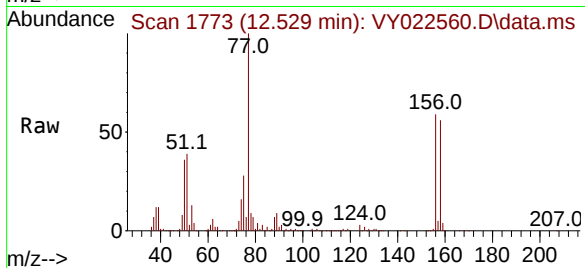
Tgt Ion:156 Resp: 108163

Ion Ratio Lower Upper

156 100

77 189.9 94.0 282.1

158 97.7 48.2 144.6



#78

n-propylbenzene

Concen: 52.065 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022560.D

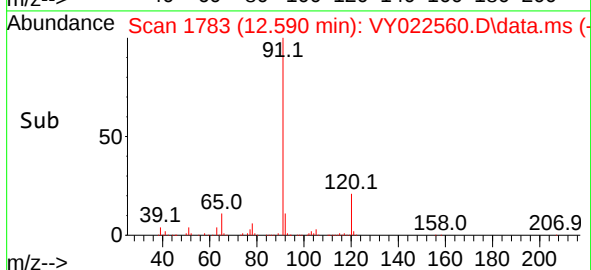
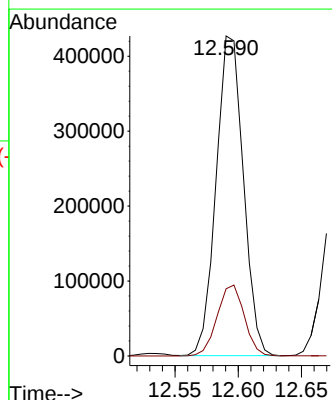
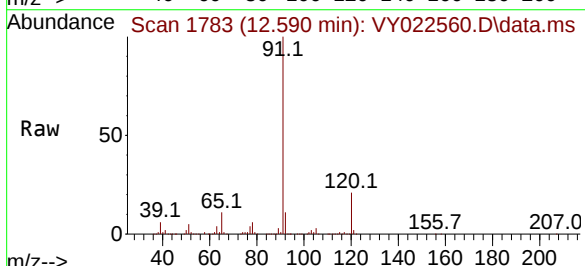
Acq: 05 Jun 2025 08:40

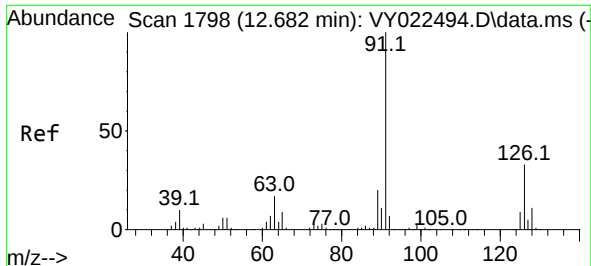
Tgt Ion: 91 Resp: 638606

Ion Ratio Lower Upper

91 100

120 22.1 10.8 32.4

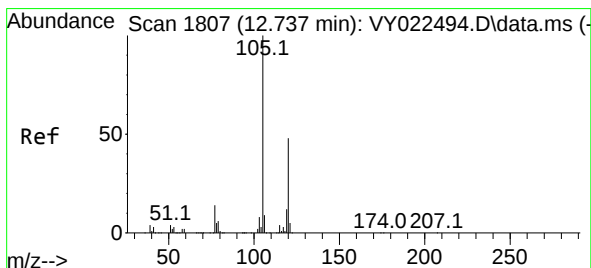
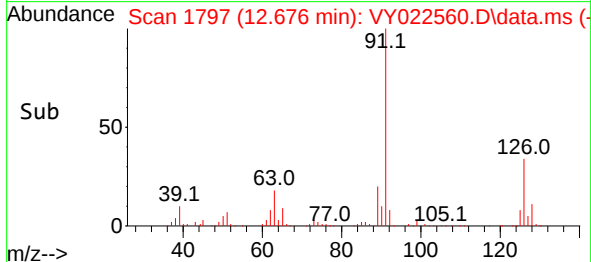
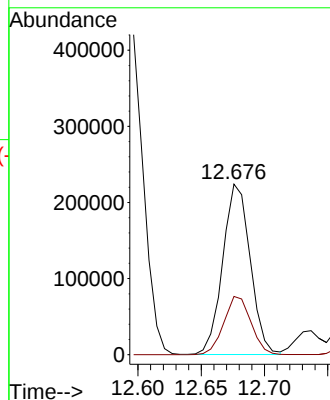
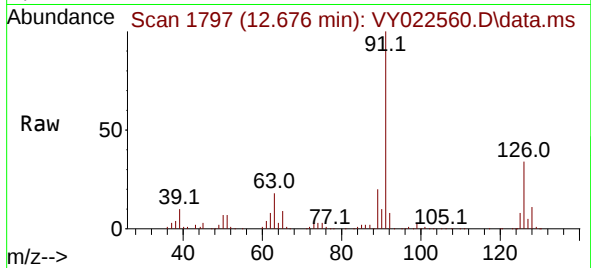




#79
2-Chlorotoluene
Concen: 52.100 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

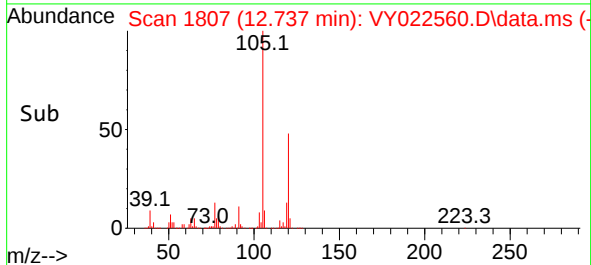
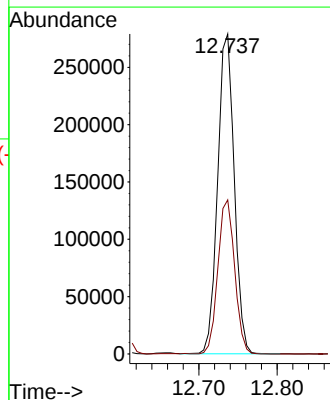
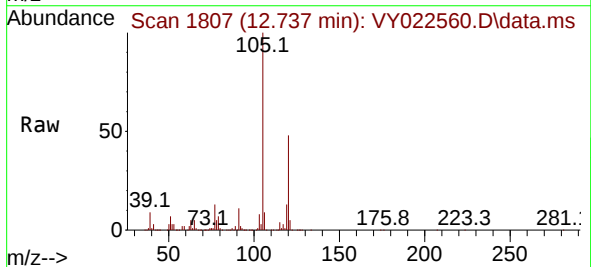
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

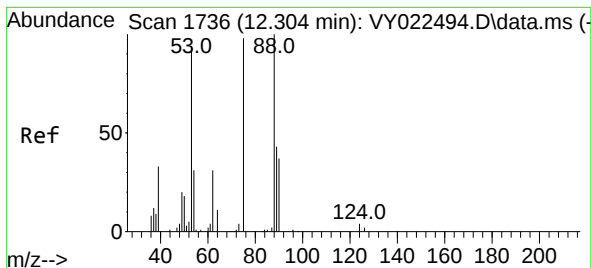
Tgt Ion: 91 Resp: 338692
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.082 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 105 Resp: 410617
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.4

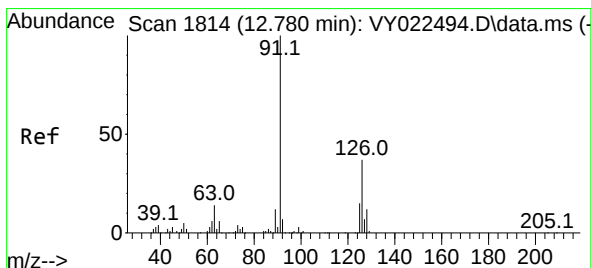
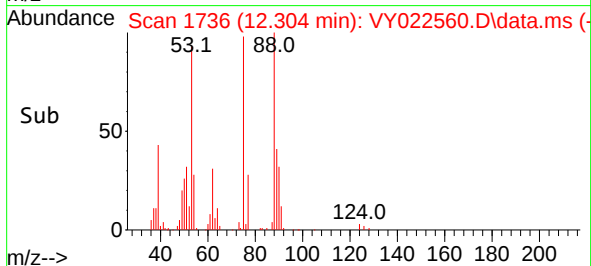
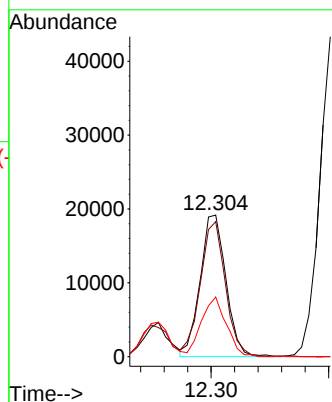
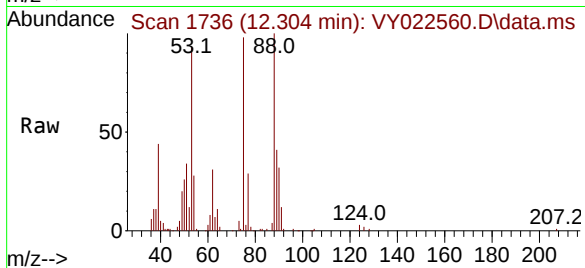




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.528 ug/l
 RT: 12.304 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

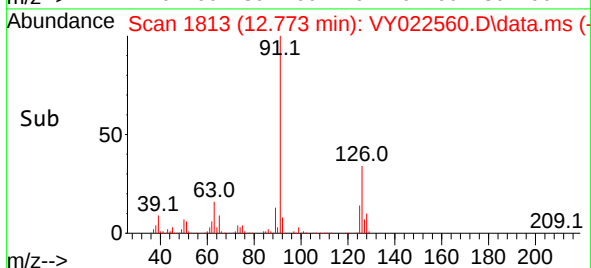
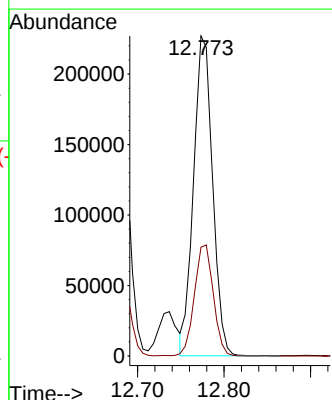
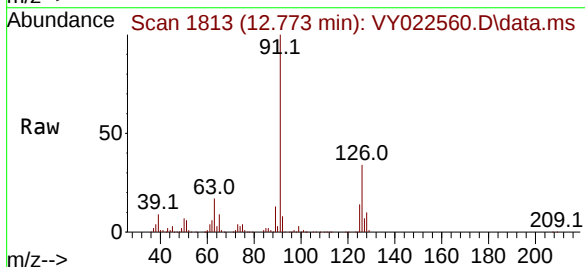
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

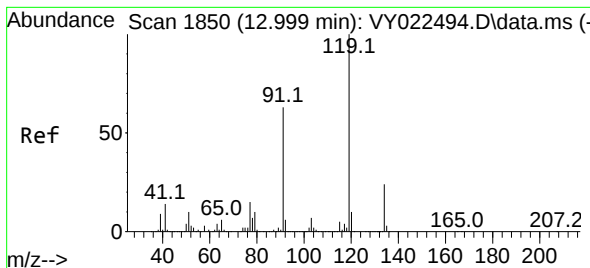
Tgt Ion: 75 Resp: 29279
 Ion Ratio Lower Upper
 75 100
 53 92.1 78.5 117.7
 89 40.5 35.7 53.5



#82
 4-Chlorotoluene
 Concen: 51.688 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

Tgt Ion: 91 Resp: 346628
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 52.464 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

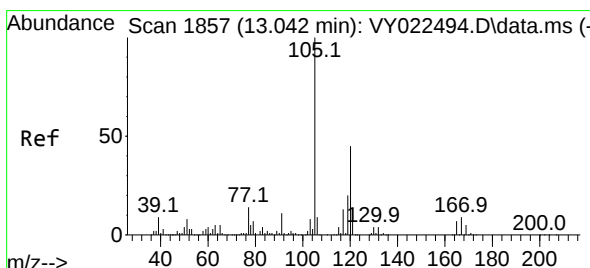
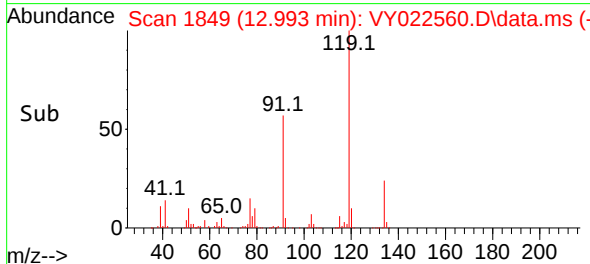
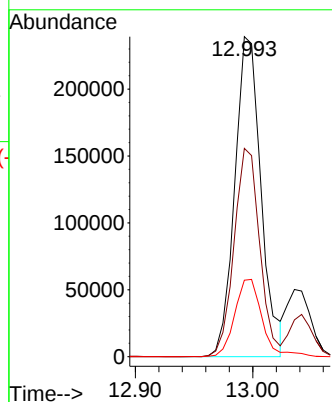
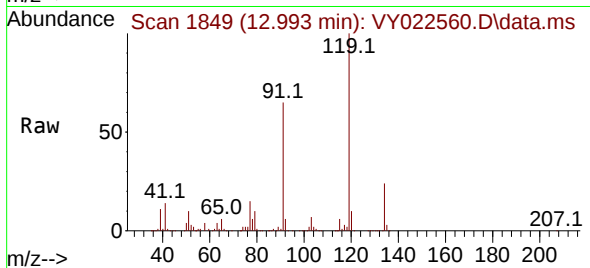
Tgt Ion:119 Resp: 371237

Ion Ratio Lower Upper

119 100

91 63.7 32.1 96.3

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.122 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022560.D

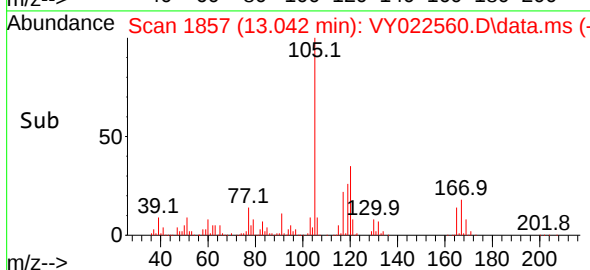
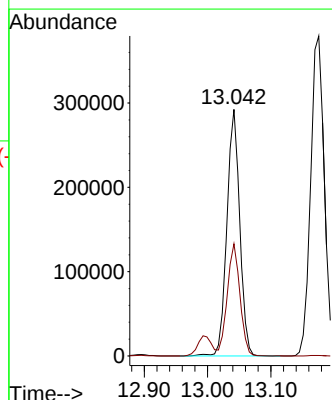
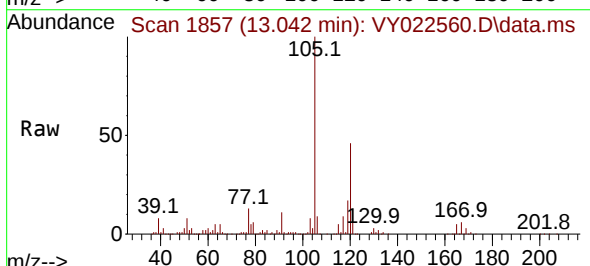
Acq: 05 Jun 2025 08:40

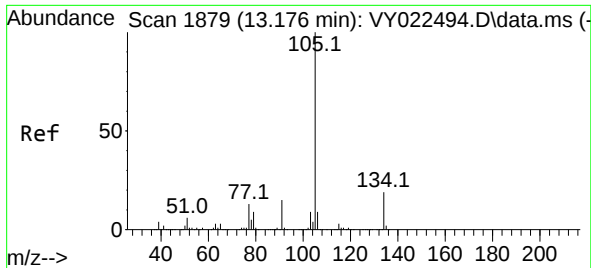
Tgt Ion:105 Resp: 411000

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.1

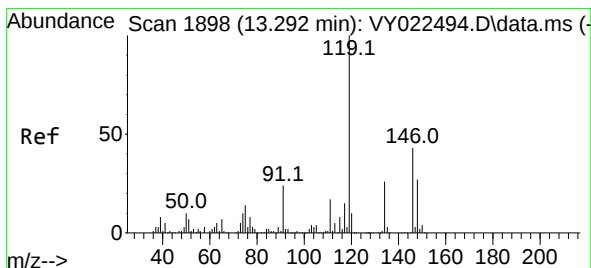
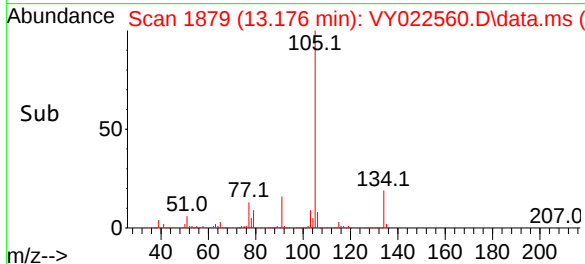
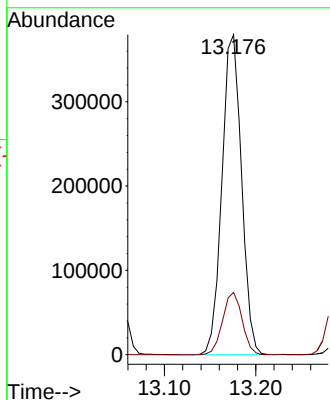
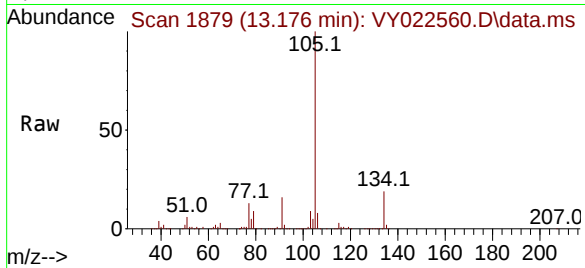




#85
 sec-Butylbenzene
 Concen: 52.123 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

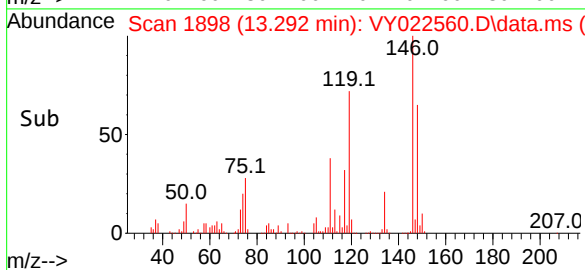
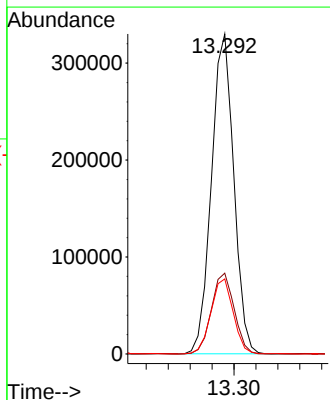
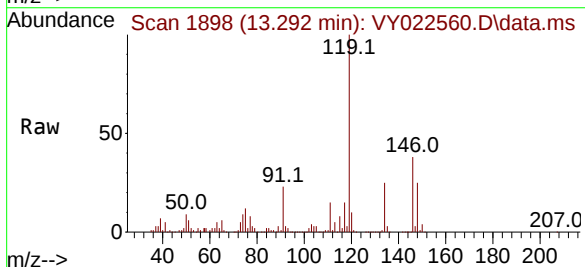
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

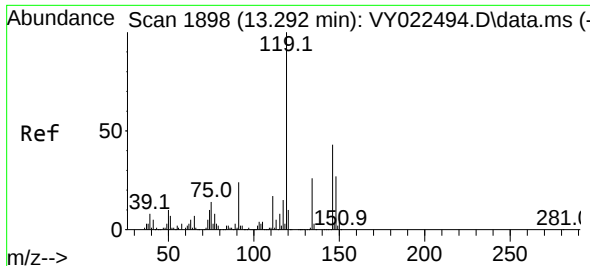
Tgt Ion:105 Resp: 564875
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 52.254 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

Tgt Ion:119 Resp: 466784
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.825 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

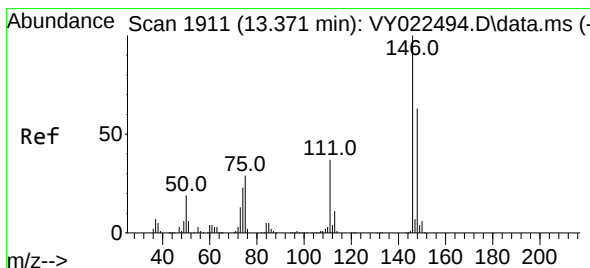
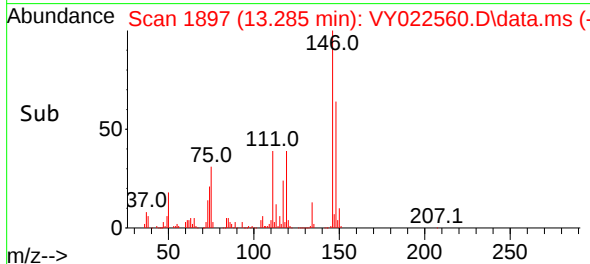
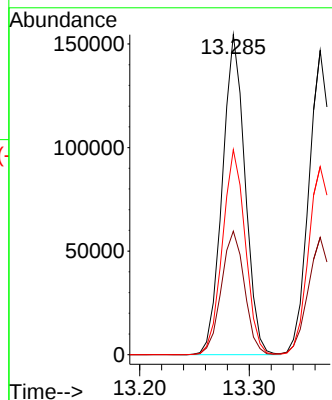
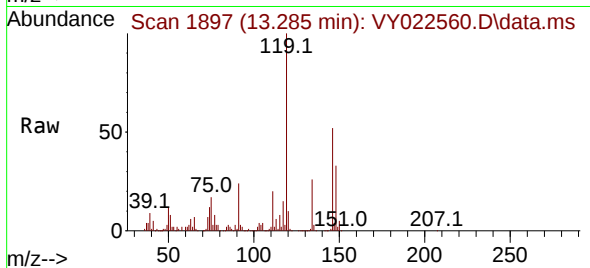
Tgt Ion:146 Resp: 222516

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.935 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

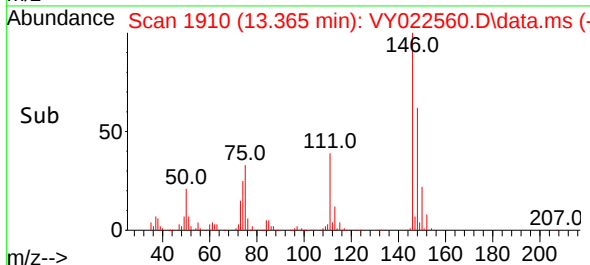
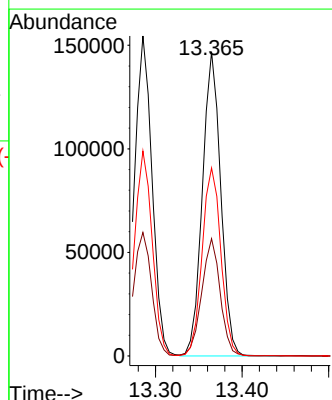
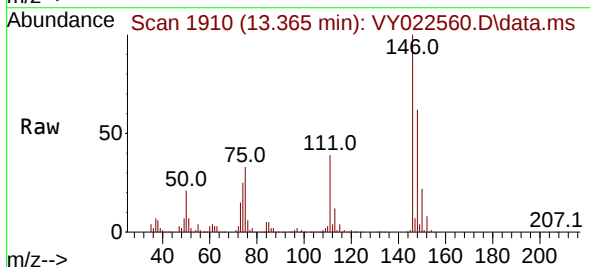
Tgt Ion:146 Resp: 216280

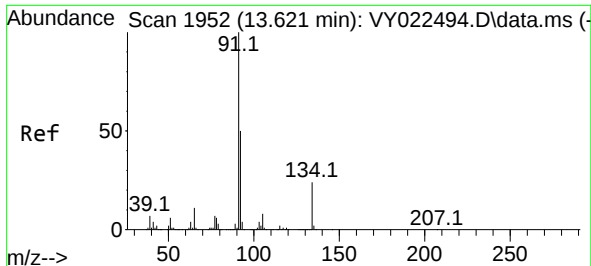
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 63.1 31.6 94.8

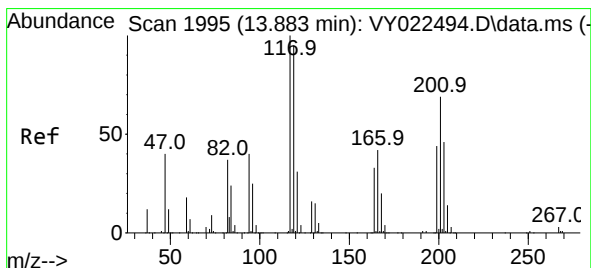
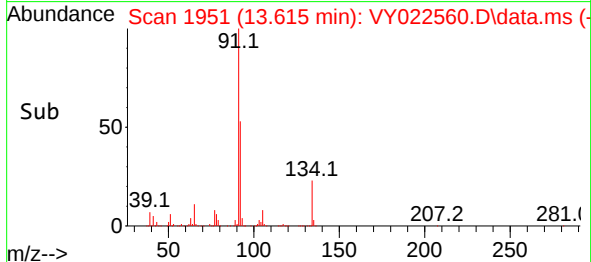
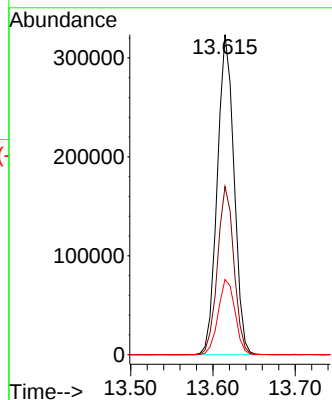
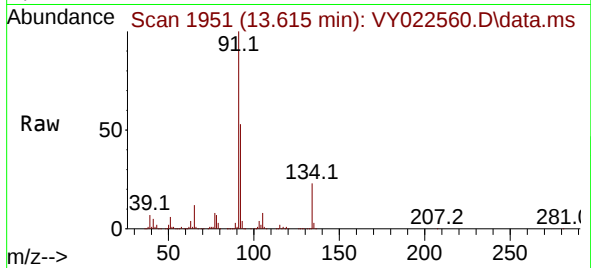




#89
n-Butylbenzene
Concen: 53.925 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

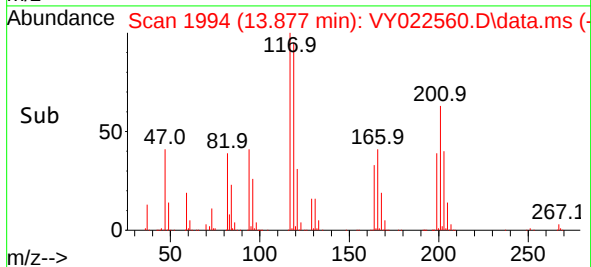
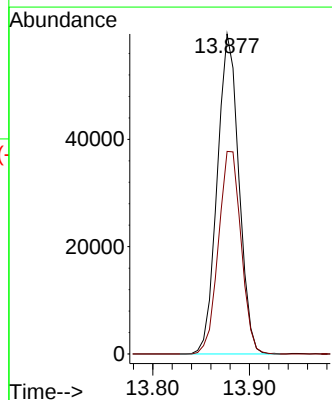
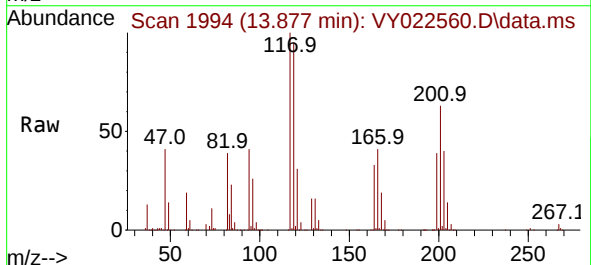
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

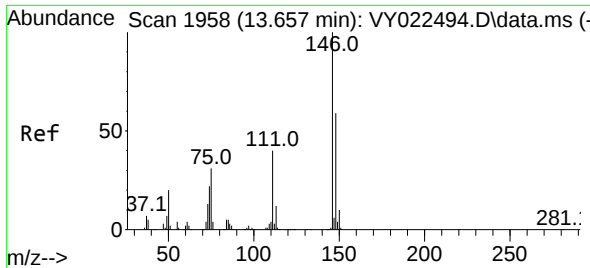
Tgt Ion: 91 Resp: 457024
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.8
134 23.8 12.0 36.1



#90
Hexachloroethane
Concen: 53.221 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022560.D
Acq: 05 Jun 2025 08:40

Tgt Ion: 117 Resp: 92555
Ion Ratio Lower Upper
117 100
201 66.2 34.0 102.0

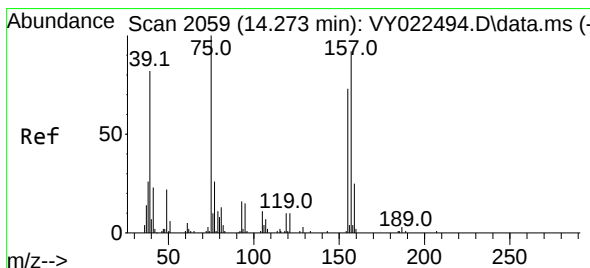
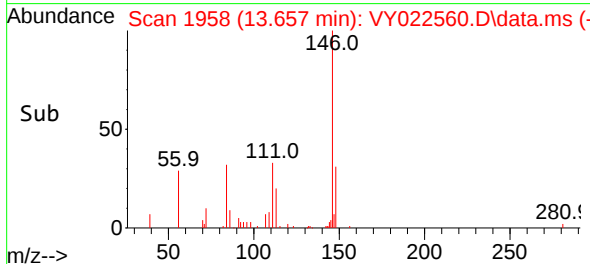
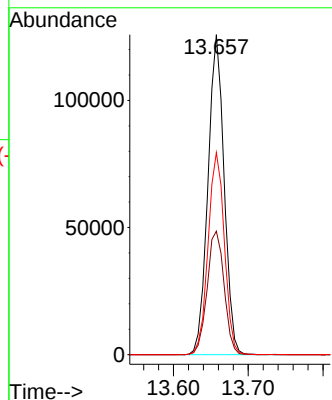
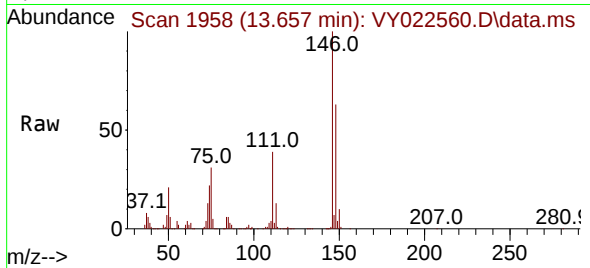




#91
 1,2-Dichlorobenzene
 Concen: 51.773 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

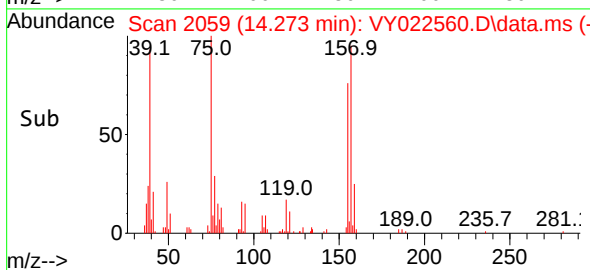
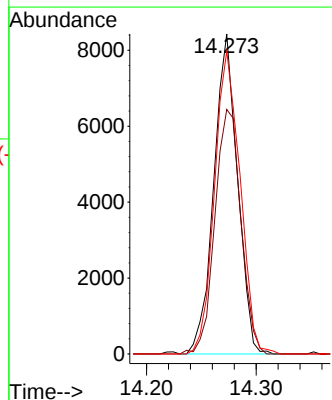
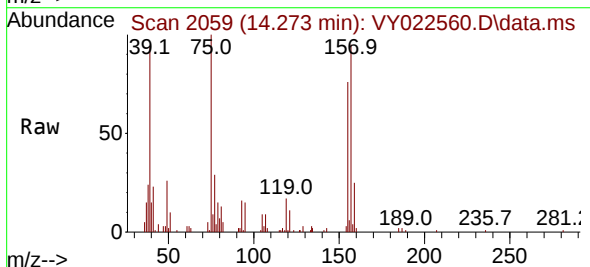
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

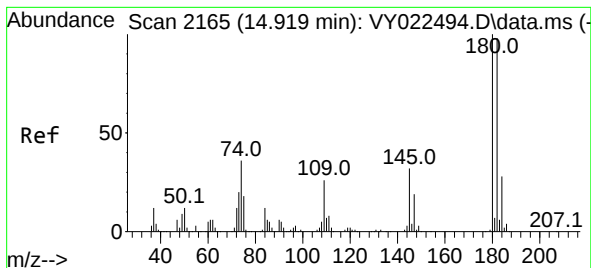
Tgt Ion:146 Resp: 188735
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 63.5 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.787 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022560.D
 Acq: 05 Jun 2025 08:40

Tgt Ion: 75 Resp: 12667
 Ion Ratio Lower Upper
 75 100
 155 83.8 39.9 119.6
 157 101.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 55.539 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

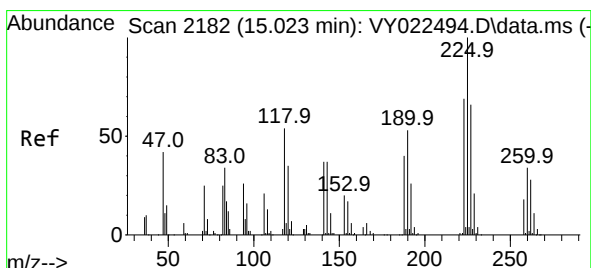
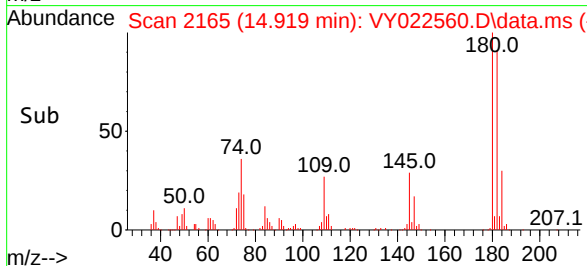
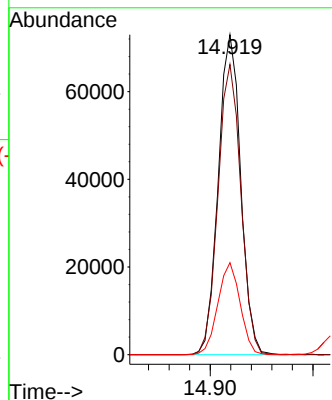
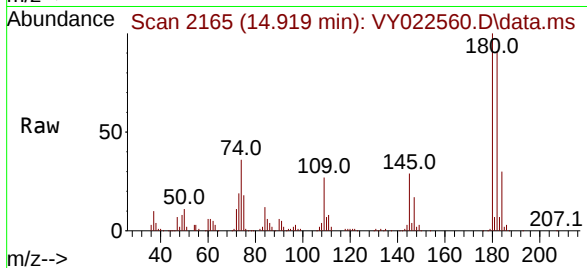
Tgt Ion:180 Resp: 110421

Ion Ratio Lower Upper

180 100

182 92.4 48.4 145.3

145 28.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 53.219 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

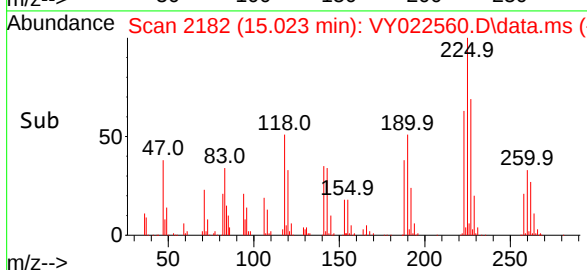
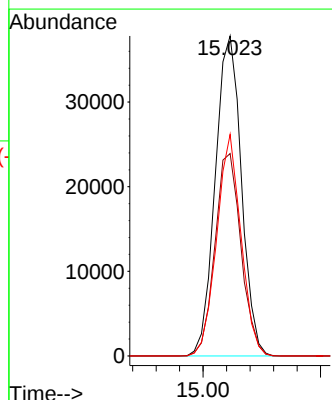
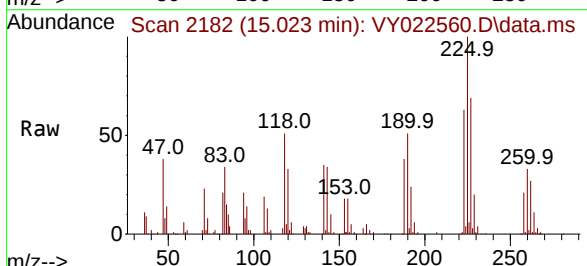
Tgt Ion:225 Resp: 58400

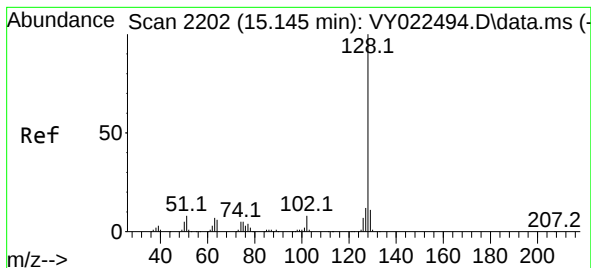
Ion Ratio Lower Upper

225 100

223 63.3 32.5 97.4

227 64.4 32.3 96.9





#95

Naphthalene

Concen: 54.012 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

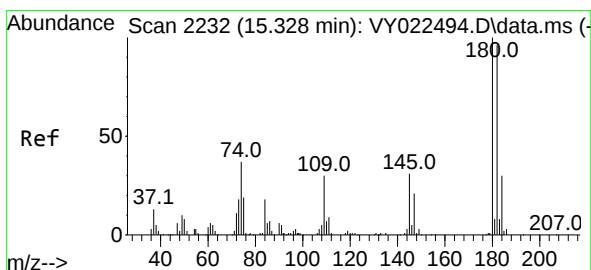
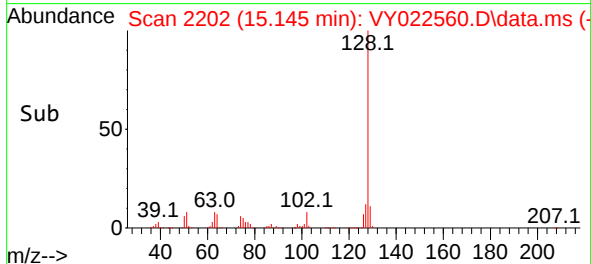
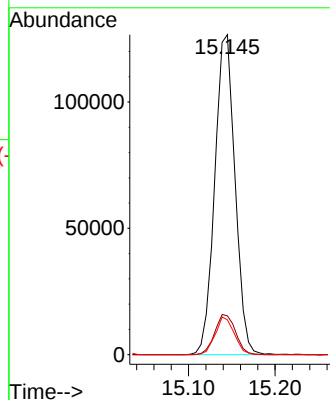
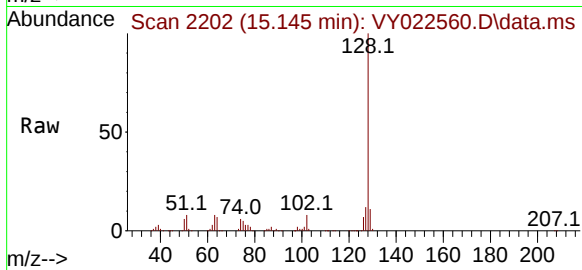
Tgt Ion:128 Resp: 206075

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 53.983 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022560.D

Acq: 05 Jun 2025 08:40

Tgt Ion:180 Resp: 91982

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 31.1 15.2 45.6

