

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022614.D
 Acq On : 09 Jun 2025 08:24
 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 10 01:22:48 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	7.713	168	192004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	317102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	273057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	127605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	107801	50.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.400%	
35) Dibromofluoromethane	7.640	113	102594	54.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.109	98	405143	52.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	12.408	95	119261	52.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	80367	46.752	ug/l	96
3) Chloromethane	2.074	50	216133	42.559	ug/l	99
4) Vinyl Chloride	2.208	62	299140	50.776	ug/l	99
5) Bromomethane	2.599	94	232353	41.149	ug/l	100
6) Chloroethane	2.739	64	211515	52.307	ug/l	95
7) Trichlorofluoromethane	3.056	101	259224	51.831	ug/l	100
8) Diethyl Ether	3.464	74	54460	48.352	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	104872	49.787	ug/l	99
10) Methyl Iodide	4.007	142	115170	50.524	ug/l	100
11) Tert butyl alcohol	4.872	59	36319	236.793	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	103160	51.235	ug/l	99
13) Acrolein	3.659	56	24470	128.015	ug/l	99
14) Allyl chloride	4.385	41	161987	51.247	ug/l	99
15) Acrylonitrile	5.068	53	116333	243.878	ug/l	99
16) Acetone	3.879	43	110108	252.473	ug/l	97
17) Carbon Disulfide	4.110	76	322287	49.996	ug/l	100
18) Methyl Acetate	4.391	43	68960	53.397	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	277029	48.849	ug/l	100
20) Methylene Chloride	4.623	84	117891	47.588	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	115138	51.093	ug/l	100
22) Diisopropyl ether	6.025	45	361543	51.386	ug/l	98
23) Vinyl Acetate	5.964	43	1009520	242.421	ug/l	100
24) 1,1-Dichloroethane	5.921	63	218150	52.631	ug/l	99
25) 2-Butanone	6.903	43	155865	247.769	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198560	54.218	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	135163	51.892	ug/l	98
28) Bromochloromethane	7.250	49	95513	52.863	ug/l	98
29) Tetrahydrofuran	7.268	42	95909	236.384	ug/l	99
30) Chloroform	7.427	83	218572	53.239	ug/l	98
31) Cyclohexane	7.707	56	195355	47.342	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	194750	53.437	ug/l	100
36) 1,1-Dichloropropene	7.841	75	164819	53.654	ug/l	99
37) Ethyl Acetate	6.988	43	64955	47.415	ug/l	98
38) Carbon Tetrachloride	7.823	117	168181	53.369	ug/l	98
39) Methylcyclohexane	9.110	83	207731	50.321	ug/l	98
40) Benzene	8.085	78	490349	54.044	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29396	36.737	ug/l #	75
42) 1,2-Dichloroethane	8.165	62	129561	52.298	ug/l	99
43) Isopropyl Acetate	8.201	43	142739	48.245	ug/l #	86
44) Trichloroethene	8.872	130	120223	54.216	ug/l	94
45) 1,2-Dichloropropane	9.146	63	115823	54.015	ug/l	97
46) Dibromomethane	9.238	93	62475	51.789	ug/l	98
47) Bromodichloromethane	9.427	83	163155	53.339	ug/l	98
48) Methyl methacrylate	9.225	41	70320	50.642	ug/l	99
49) 1,4-Dioxane	9.231	88	13695	958.258	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	365010	247.451	ug/l	98
52) Toluene	10.176	92	305239	53.534	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	152835	53.326	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	178515	53.508	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	79180	51.474	ug/l	96
56) Ethyl methacrylate	10.445	69	107539	48.370	ug/l	98
57) 1,3-Dichloropropane	10.719	76	139710	51.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	267744	265.249	ug/l	98
59) 2-Hexanone	10.762	43	244460	247.800	ug/l	100
60) Dibromochloromethane	10.914	129	101373	51.858	ug/l	99
61) 1,2-Dibromoethane	11.018	107	73191	52.204	ug/l	95
64) Tetrachloroethene	10.652	164	127365	54.224	ug/l	97
65) Chlorobenzene	11.444	112	313763	51.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	107461	52.793	ug/l	100
67) Ethyl Benzene	11.524	91	599083	53.455	ug/l	99
68) m/p-Xylenes	11.633	106	447519	105.334	ug/l	100
69) o-Xylene	11.957	106	209480	52.589	ug/l	100
70) Styrene	11.975	104	348840	52.980	ug/l	99
71) Bromoform	12.133	173	54375	50.199	ug/l #	99
73) Isopropylbenzene	12.255	105	547490	52.260	ug/l	99
74) N-amyl acetate	12.072	43	127108	48.085	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	84210	48.975	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	121744	83.395	ug/l #	100
77) Bromobenzene	12.536	156	113142	51.178	ug/l	98
78) n-propylbenzene	12.597	91	668237	52.223	ug/l	99
79) 2-Chlorotoluene	12.682	91	352593	51.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	433004	52.646	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30749	50.866	ug/l	95
82) 4-Chlorotoluene	12.780	91	361533	51.676	ug/l	99
83) tert-Butylbenzene	12.999	119	383692	51.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	429366	52.195	ug/l	100
85) sec-Butylbenzene	13.176	105	593762	52.519	ug/l	100
86) p-Isopropyltoluene	13.292	119	483951	51.931	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	232694	51.950	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	225139	51.822	ug/l	99
89) n-Butylbenzene	13.621	91	468446	52.982	ug/l	100
90) Hexachloroethane	13.883	117	94917	52.317	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	196386	51.640	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12606	50.356	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	106457	51.326	ug/l	97
94) Hexachlorobutadiene	15.023	225	58632	51.217	ug/l	97
95) Naphthalene	15.145	128	192950	48.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	87173	49.041	ug/l	98

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Response via : Initial Calibration

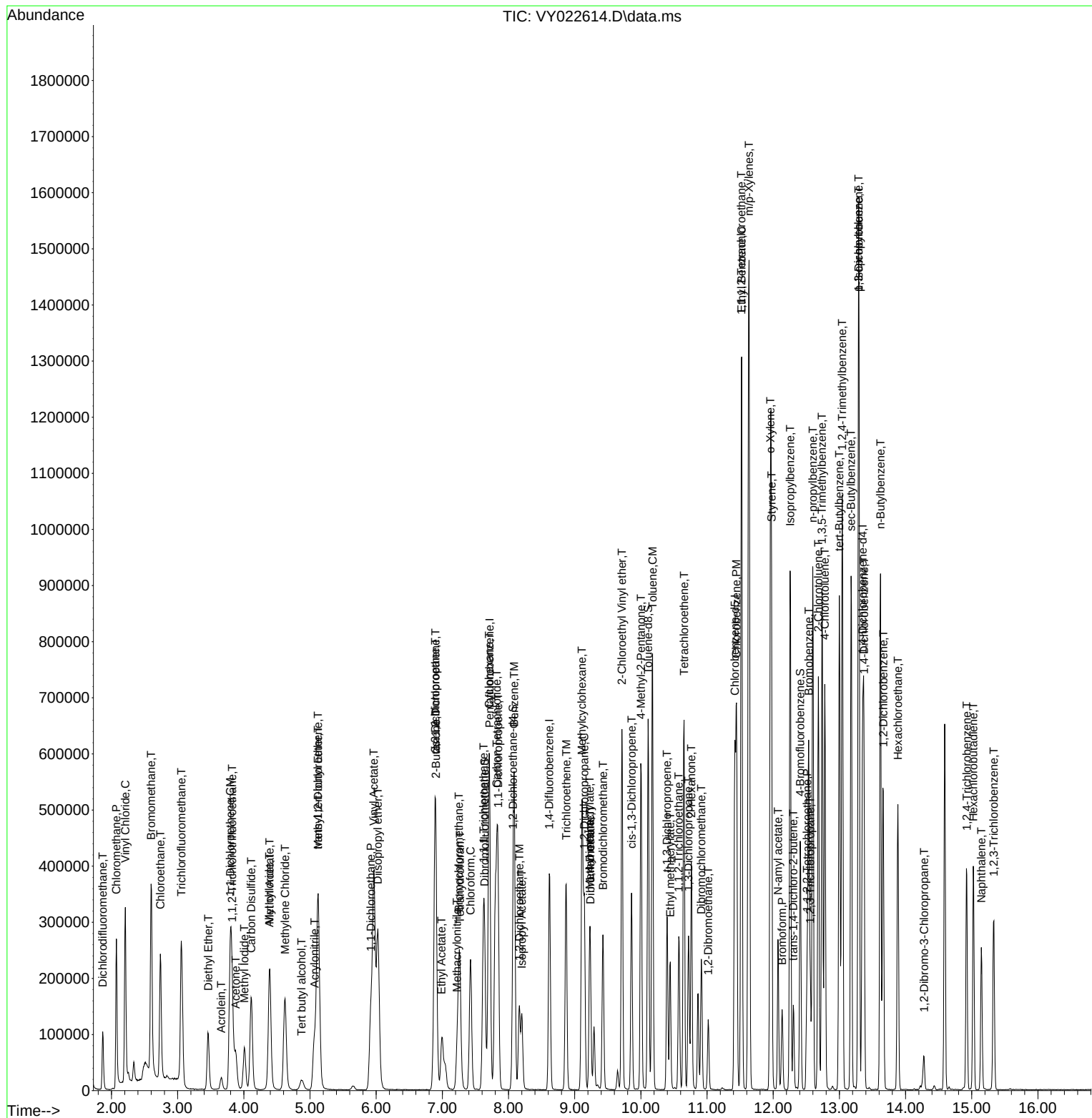
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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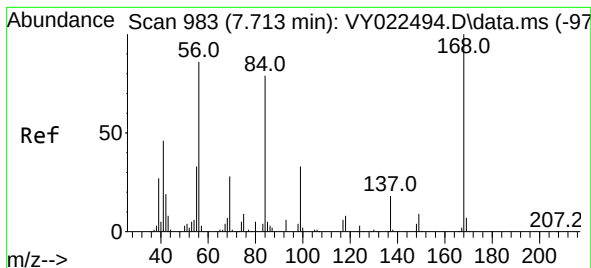
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022614.D

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Instrument :

MSVOA_Y

ClientSampleId :

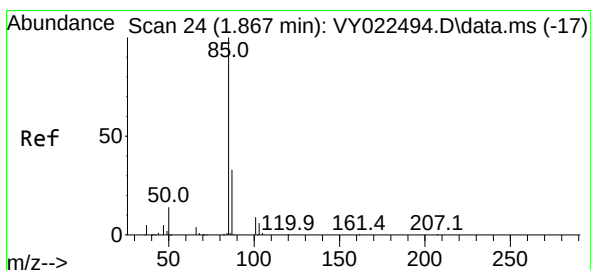
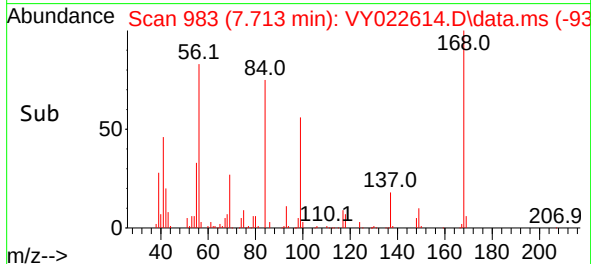
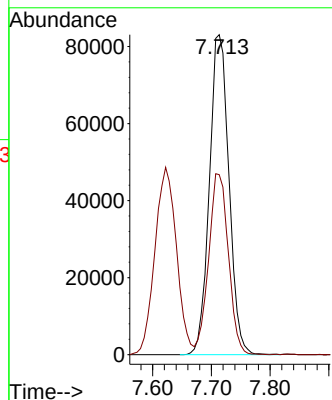
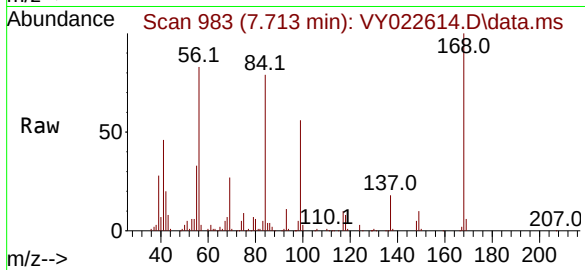
VSTDC050

Tgt Ion:168 Resp: 192004

Ion Ratio Lower Upper

168 100

99 56.3 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 46.752 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY022614.D

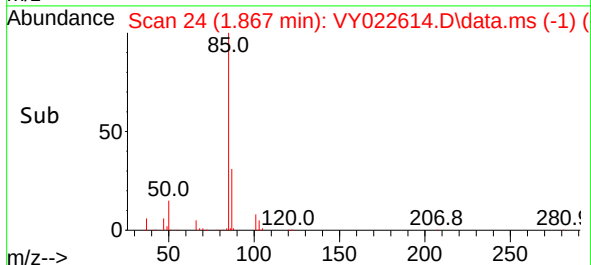
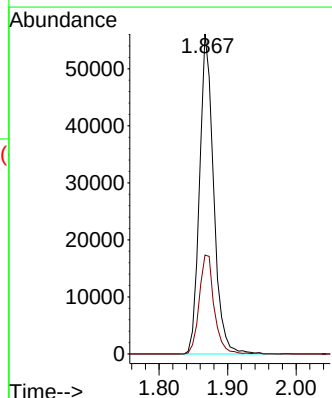
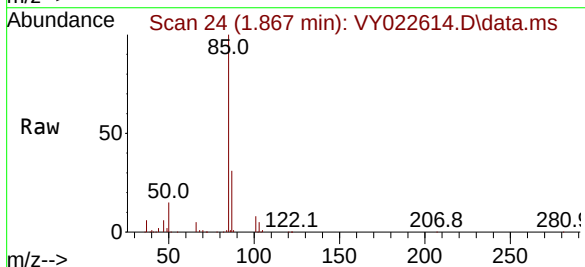
Acq: 09 Jun 2025 08:24

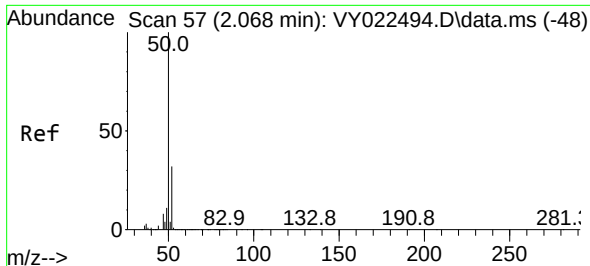
Tgt Ion: 85 Resp: 80367

Ion Ratio Lower Upper

85 100

87 30.9 16.7 50.0

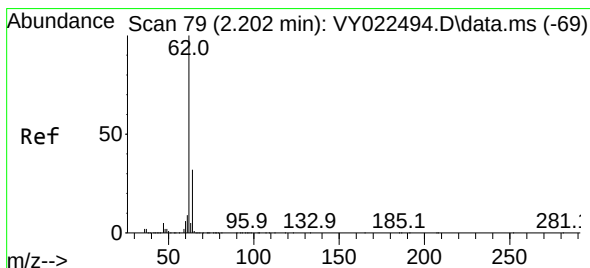
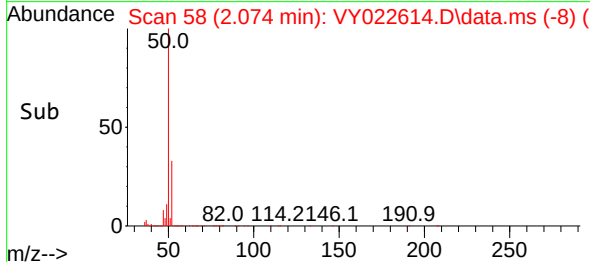
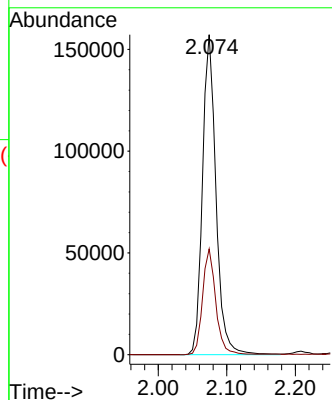
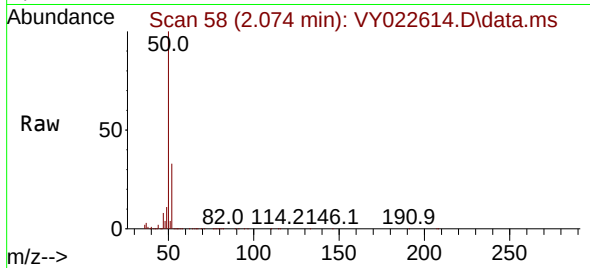




#3
Chloromethane
Concen: 42.559 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

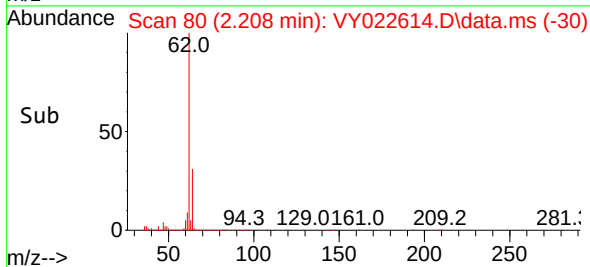
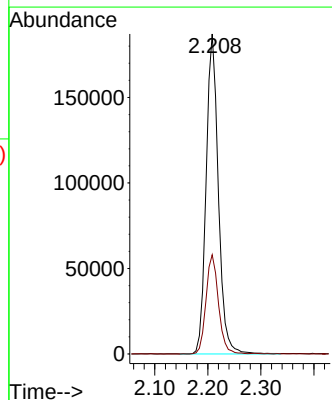
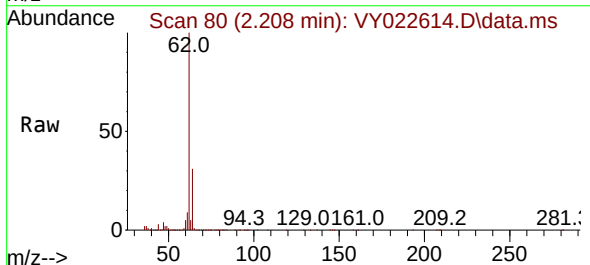
Instrument :
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ClientSampleId :
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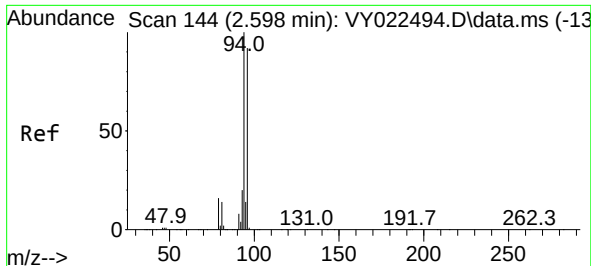
Tgt Ion: 50 Resp: 216133
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 50.776 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 62 Resp: 299140
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

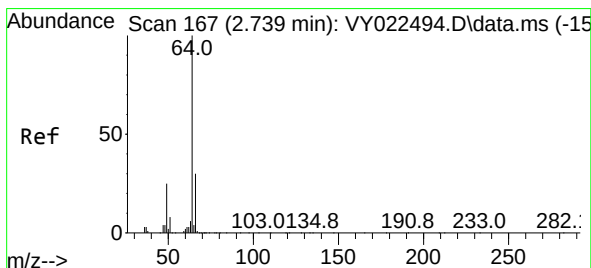
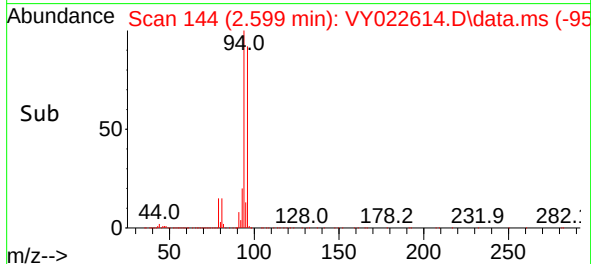
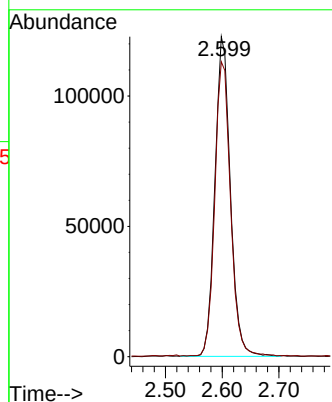
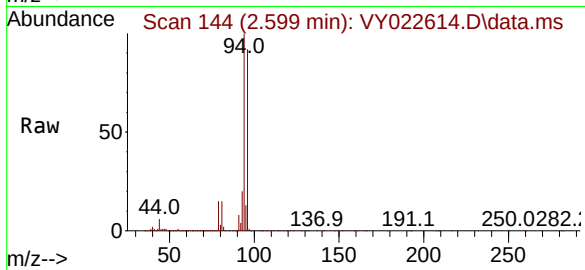




#5
Bromomethane
Concen: 41.149 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

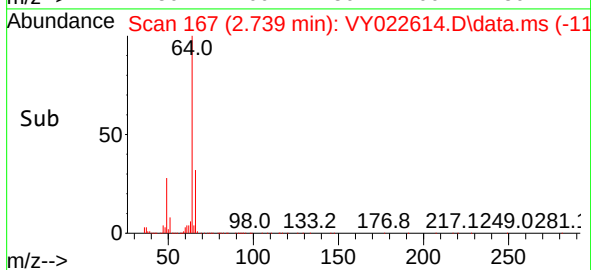
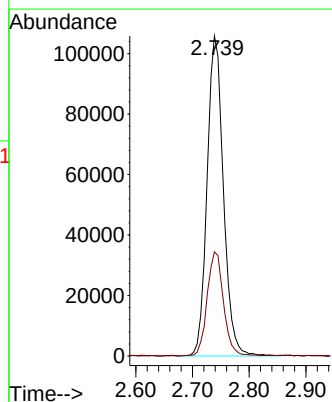
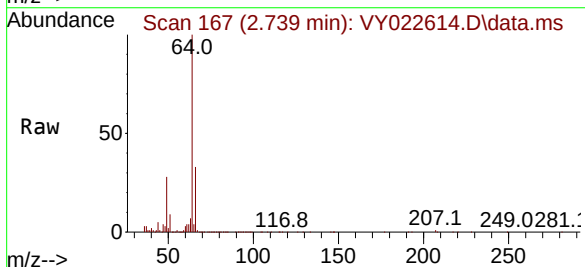
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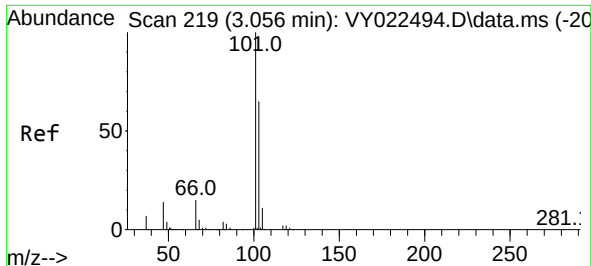
Tgt Ion: 94 Resp: 232353
Ion Ratio Lower Upper
94 100
96 92.1 74.0 111.0



#6
Chloroethane
Concen: 52.307 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 64 Resp: 211515
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.6

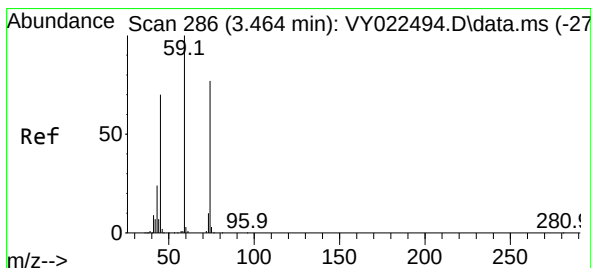
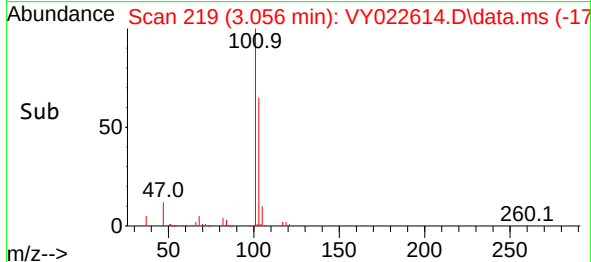
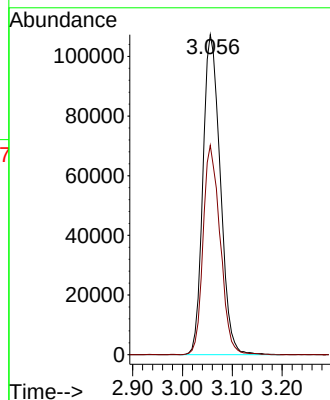
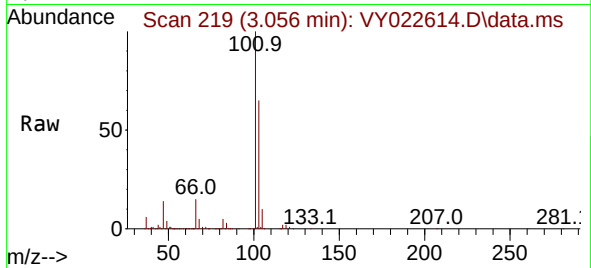




#7
 Trichlorofluoromethane
 Concen: 51.831 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022614.D
 Acq: 09 Jun 2025 08:24

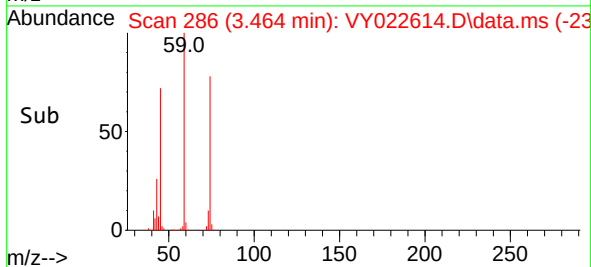
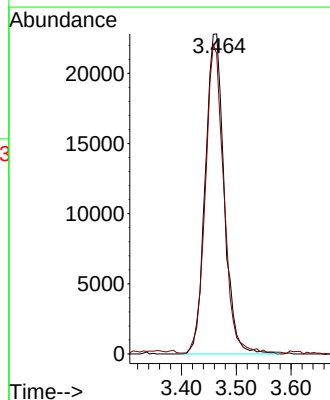
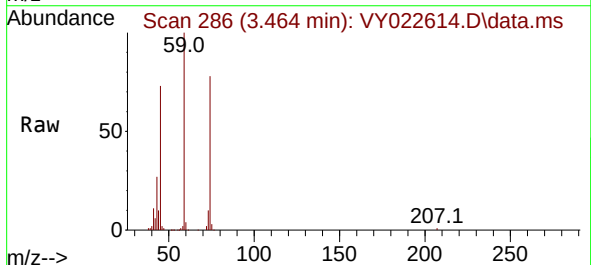
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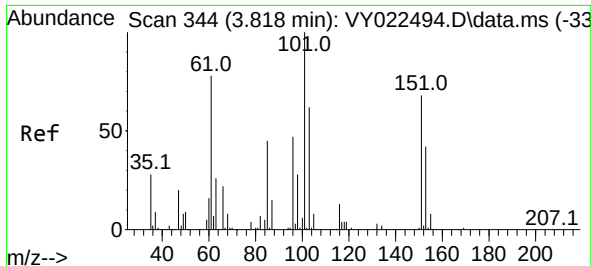
Tgt Ion:101 Resp: 259224
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



#8
 Diethyl Ether
 Concen: 48.352 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 54460
 Ion Ratio Lower Upper
 74 100
 45 93.9 45.9 137.6

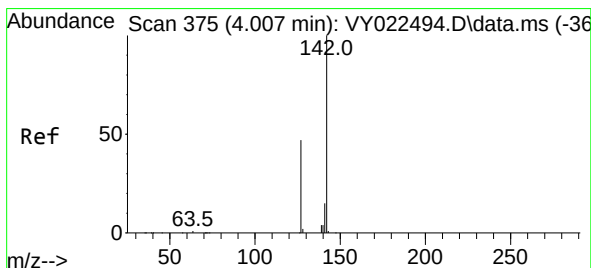
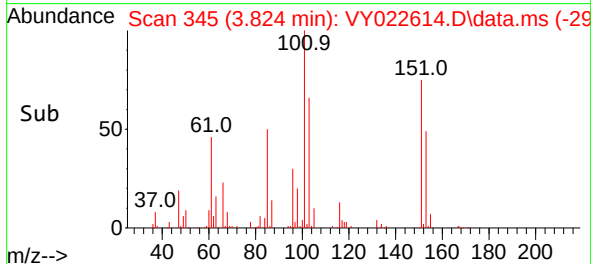
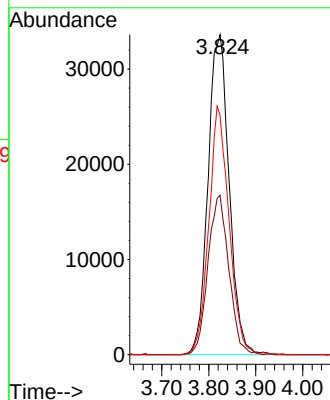
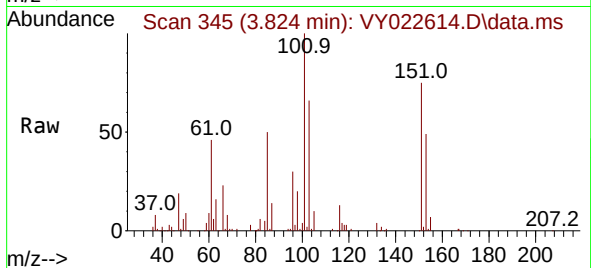




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.787 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

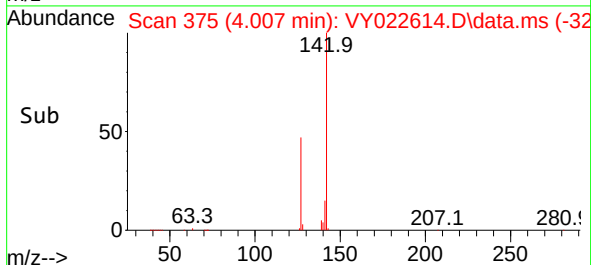
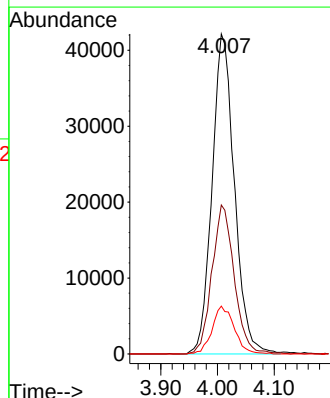
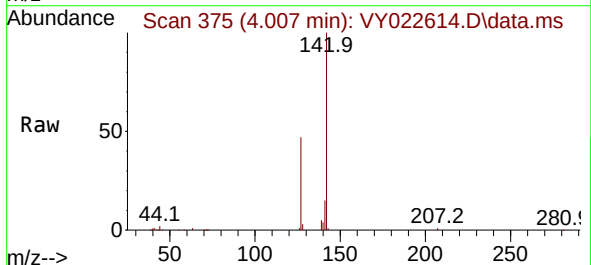
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

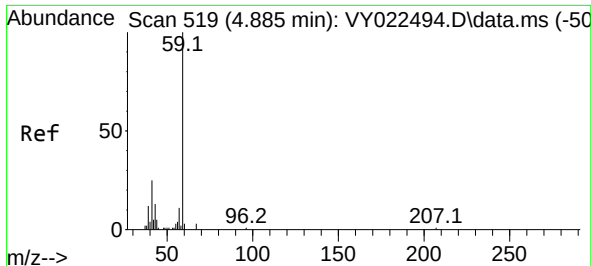
Tgt Ion:101 Resp: 104872
Ion Ratio Lower Upper
101 100
85 49.3 39.3 58.9
151 74.0 57.8 86.8



#10
Methyl Iodide
Concen: 50.524 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion:142 Resp: 115170
Ion Ratio Lower Upper
142 100
127 46.5 37.1 55.7
141 14.8 11.4 17.2

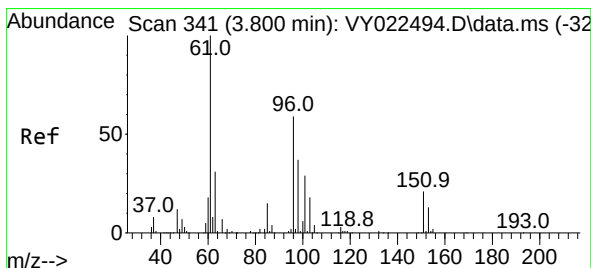
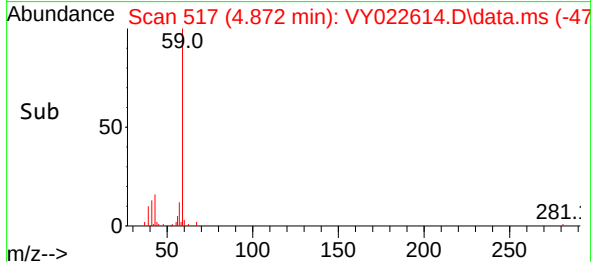
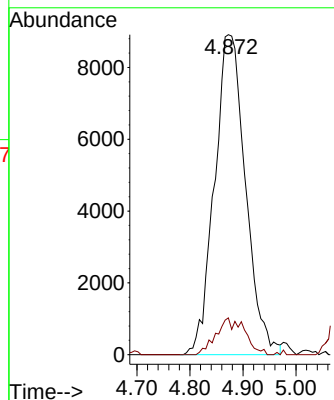
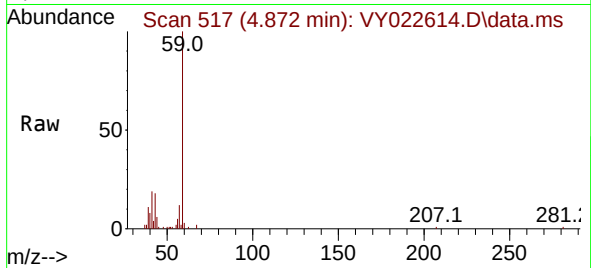




#11
Tert butyl alcohol
Concen: 236.793 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

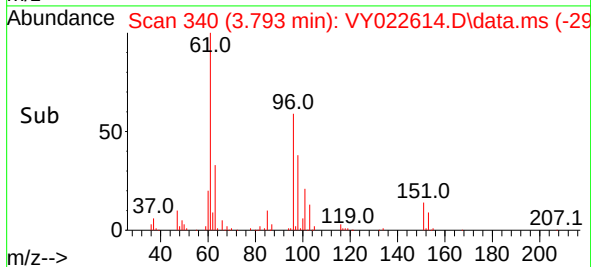
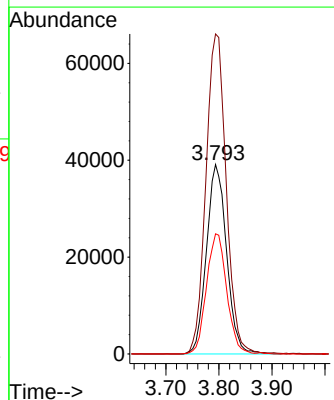
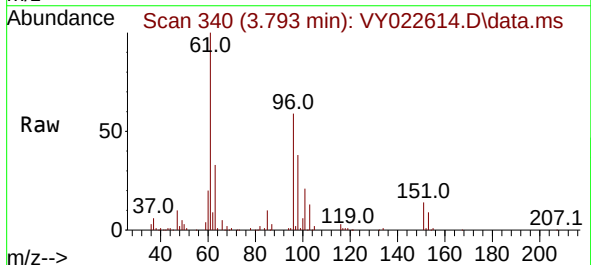
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

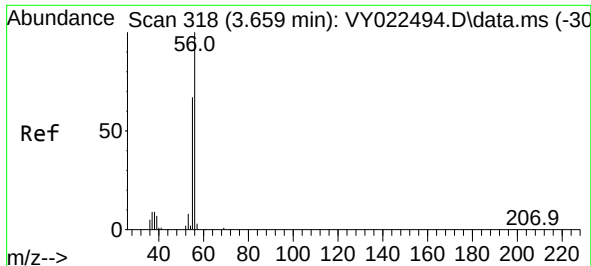
Tgt Ion: 59 Resp: 36319
Ion Ratio Lower Upper
59 100
57 5.9 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 51.235 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 96 Resp: 103160
Ion Ratio Lower Upper
96 100
61 168.9 134.6 201.8
98 63.4 50.2 75.4

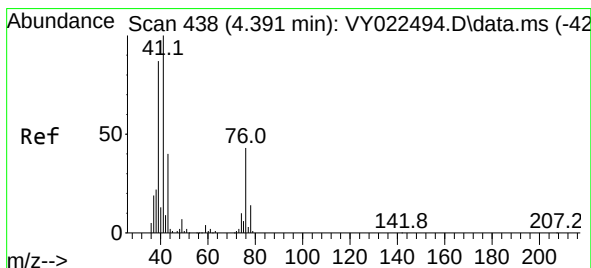
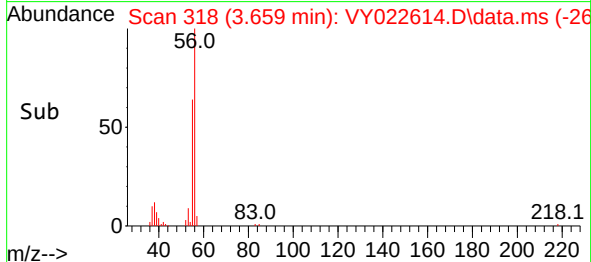
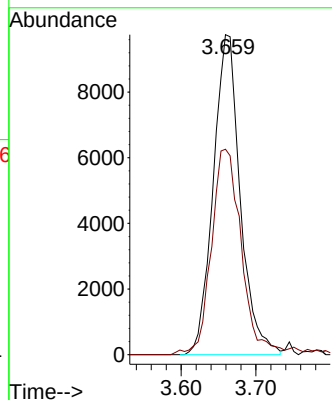
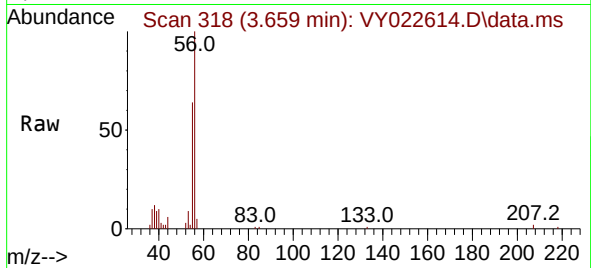




#13
Acrolein
Concen: 128.015 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

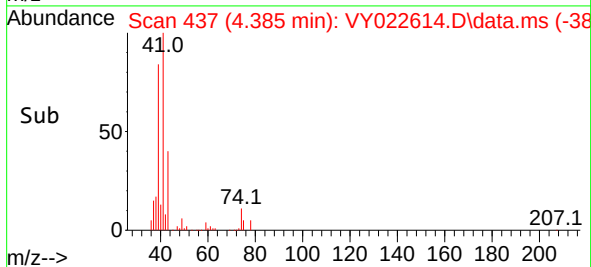
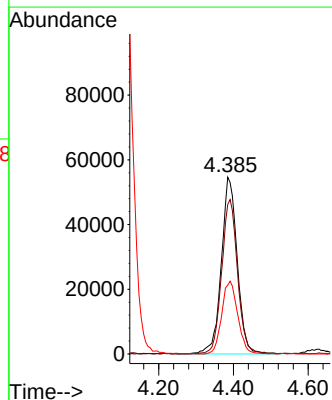
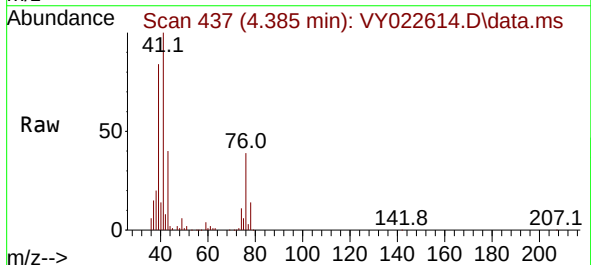
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

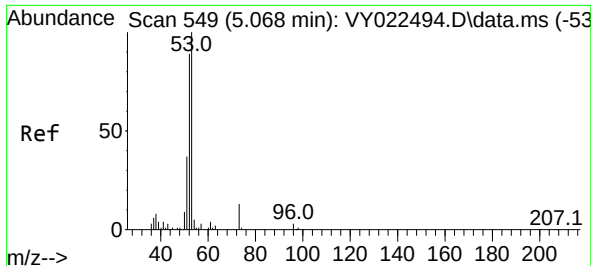
Tgt Ion: 56 Resp: 24470
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.6



#14
Allyl chloride
Concen: 51.247 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 41 Resp: 161987
Ion Ratio Lower Upper
41 100
39 87.1 69.1 103.7
76 41.3 33.5 50.3

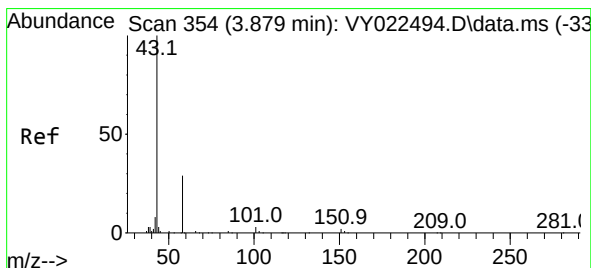
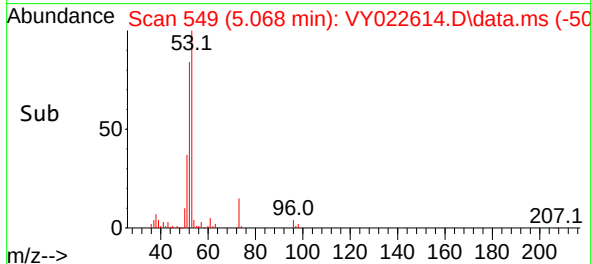
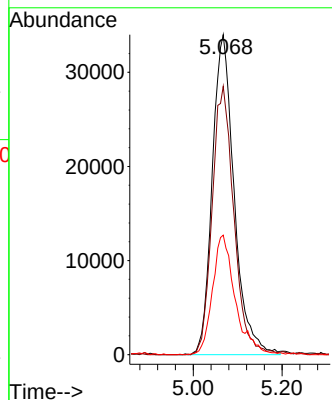
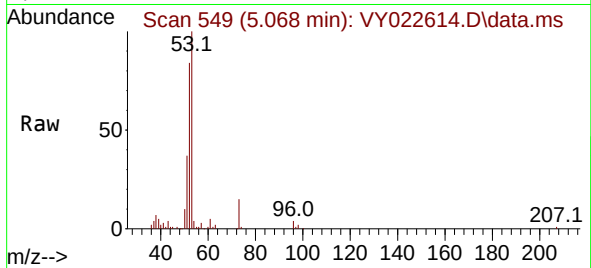




#15
Acrylonitrile
Concen: 243.878 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

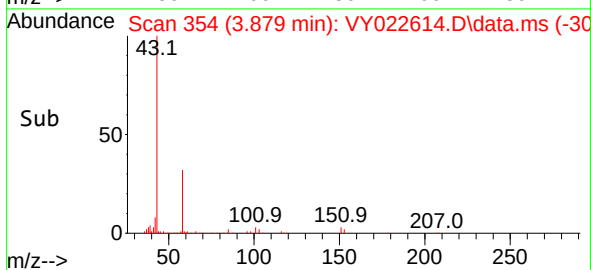
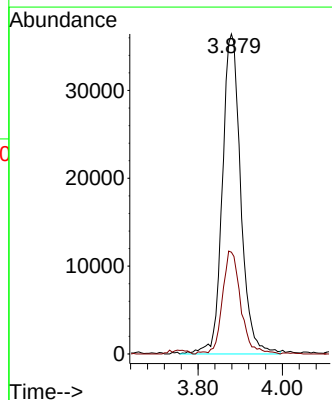
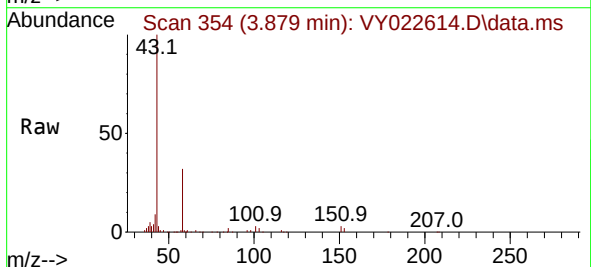
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

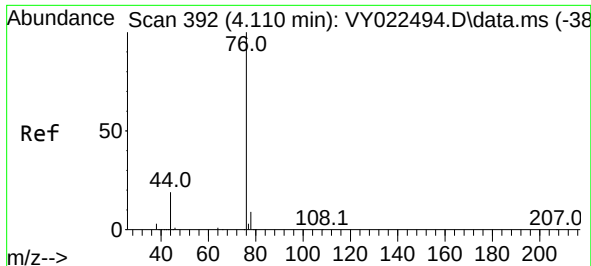
Tgt Ion: 53 Resp: 116333
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 38.8 30.1 45.1



#16
Acetone
Concen: 252.473 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 43 Resp: 110108
Ion Ratio Lower Upper
43 100
58 31.8 24.0 36.0

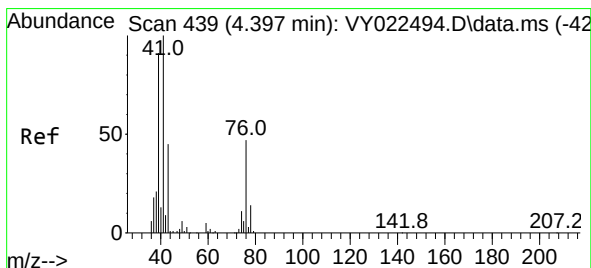
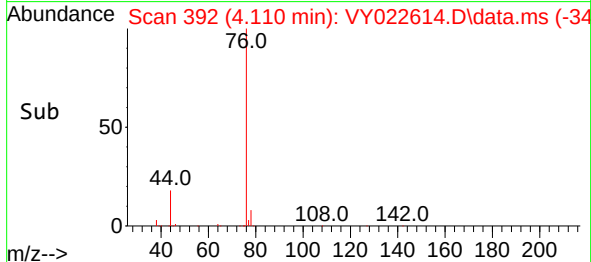
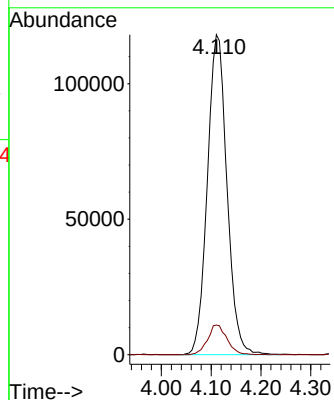
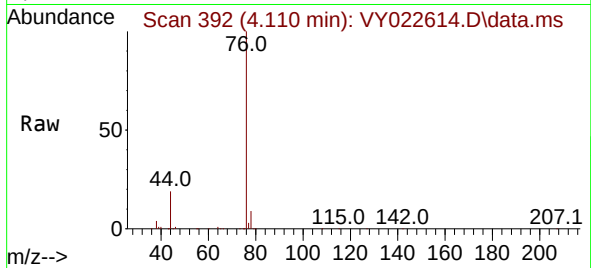




#17
Carbon Disulfide
Concen: 49.996 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

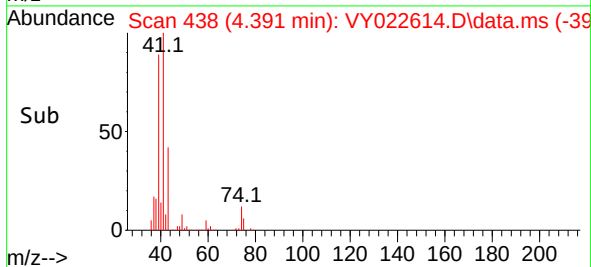
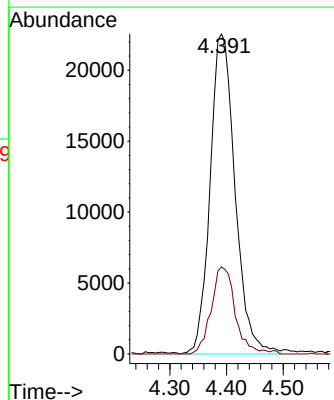
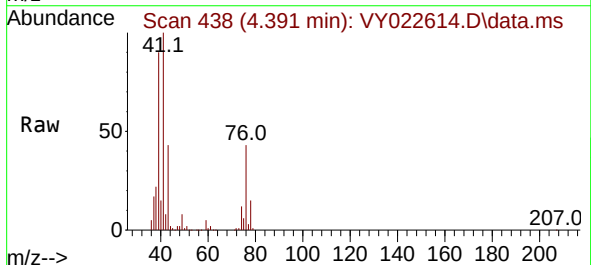
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

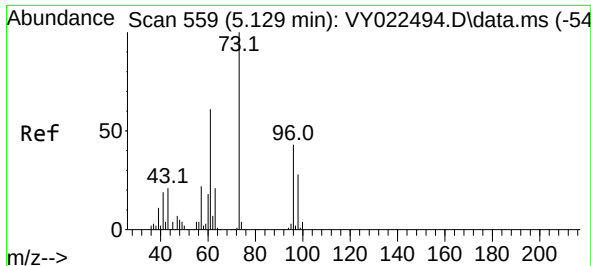
Tgt Ion: 76 Resp: 322287
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 53.397 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 43 Resp: 68960
Ion Ratio Lower Upper
43 100
74 26.3 19.8 29.6

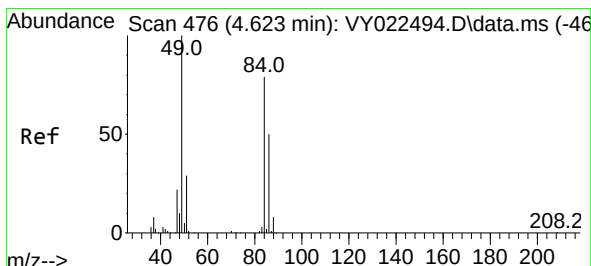
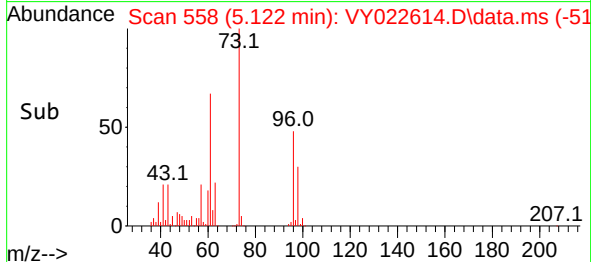
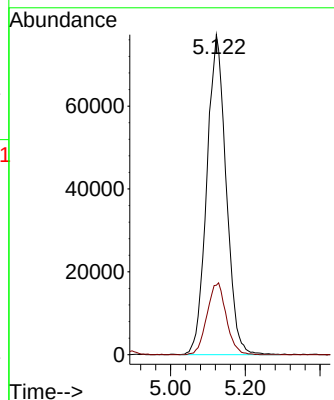
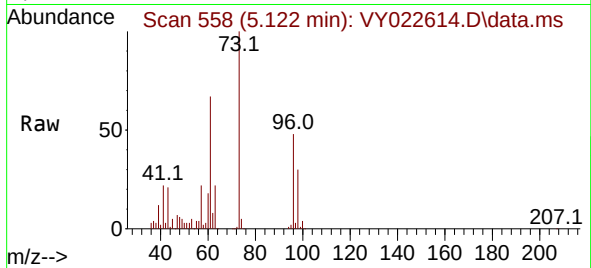




#19
Methyl tert-butyl Ether
Concen: 48.849 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

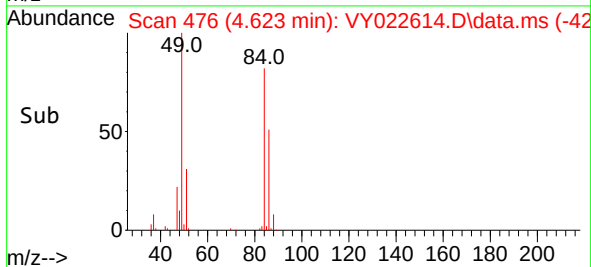
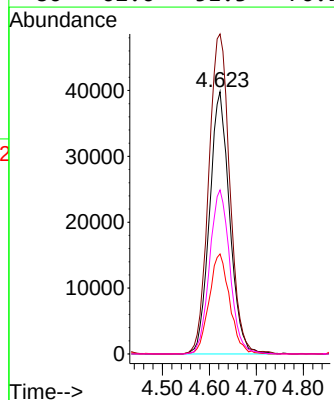
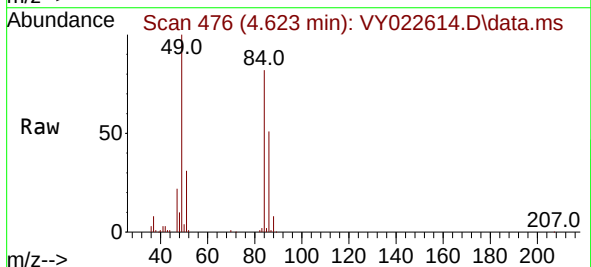
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

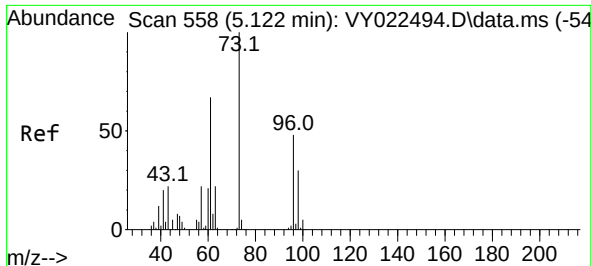
Tgt Ion: 73 Resp: 277029
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 47.588 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 84 Resp: 117891
Ion Ratio Lower Upper
84 100
49 122.0 101.9 152.9
51 38.1 29.8 44.8
86 62.6 51.3 76.9

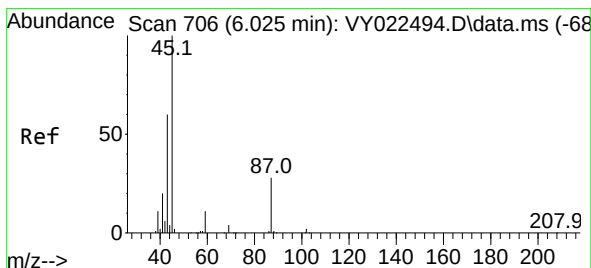
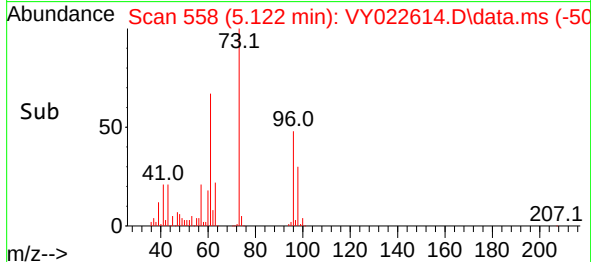
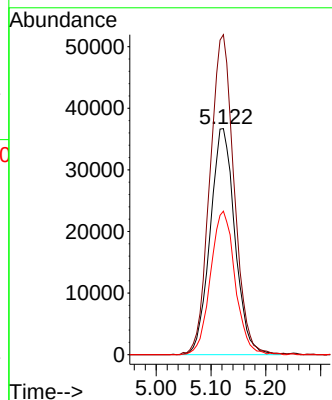
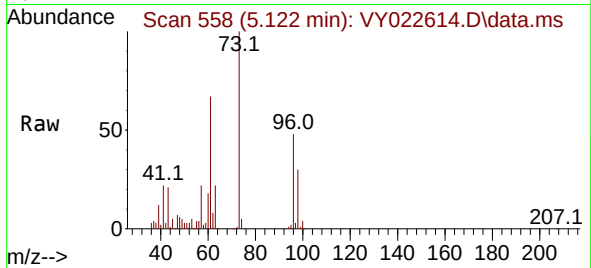




#21
trans-1,2-Dichloroethene
Concen: 51.093 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

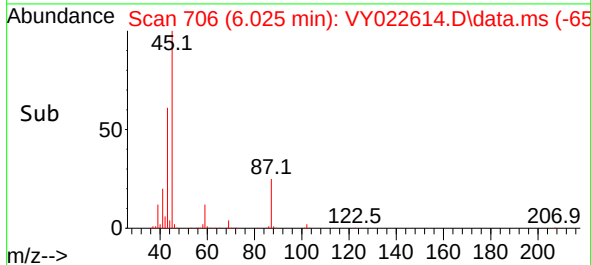
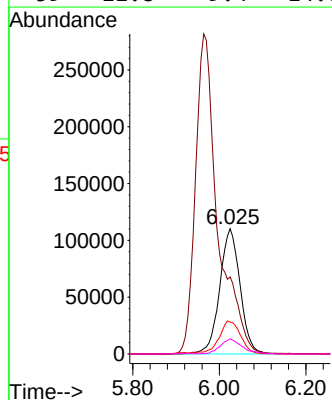
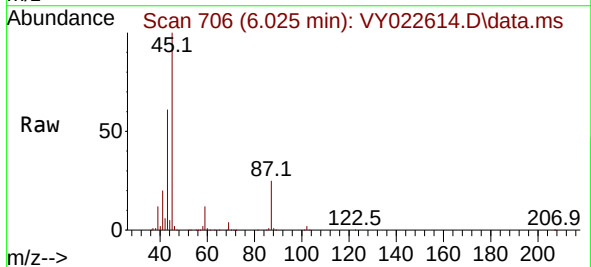
Instrument :
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ClientSampleId :
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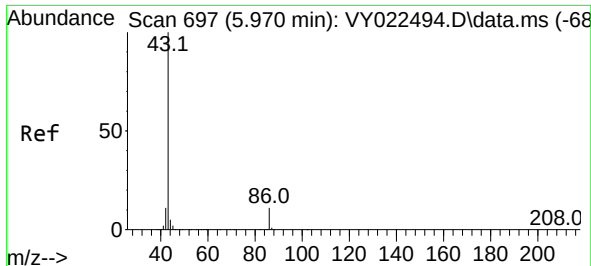
Tgt Ion: 96 Resp: 115138
Ion Ratio Lower Upper
96 100
61 141.4 112.6 169.0
98 63.5 50.6 75.8



#22
Diisopropyl ether
Concen: 51.386 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 45 Resp: 361543
Ion Ratio Lower Upper
45 100
43 61.0 48.3 72.5
87 25.4 23.0 34.6
59 11.8 9.4 14.0

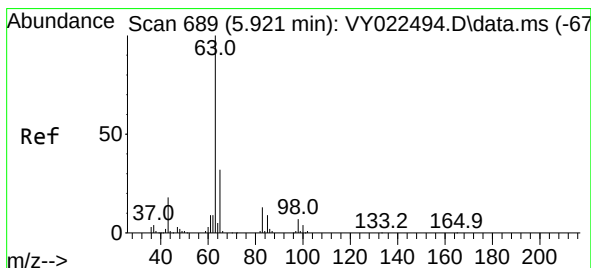
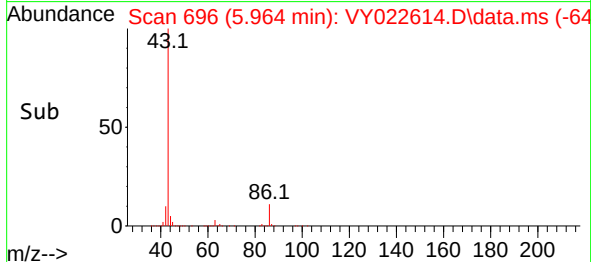
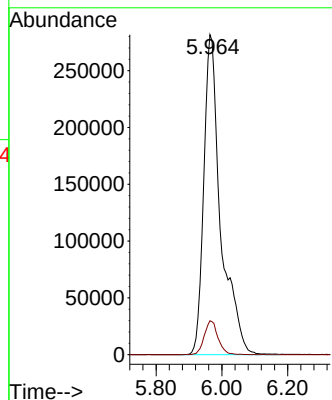
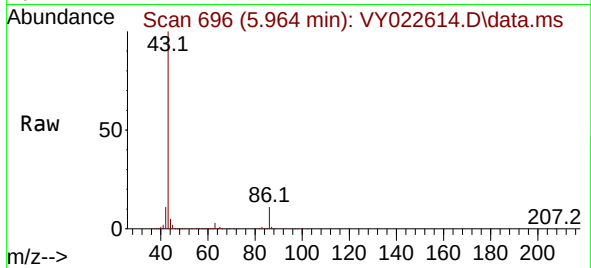




#23
 Vinyl Acetate
 Concen: 242.421 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022614.D
 Acq: 09 Jun 2025 08:24

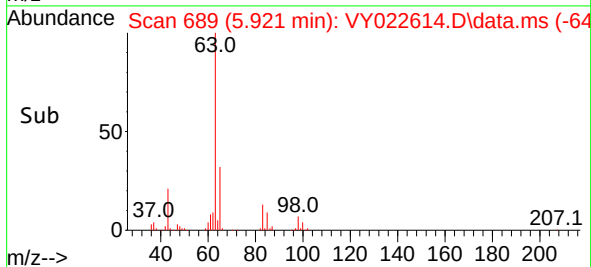
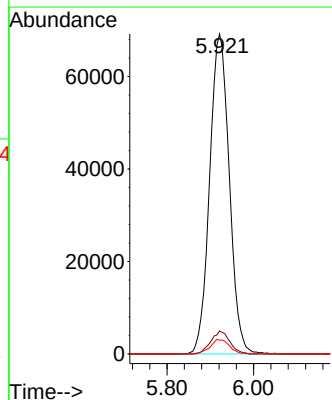
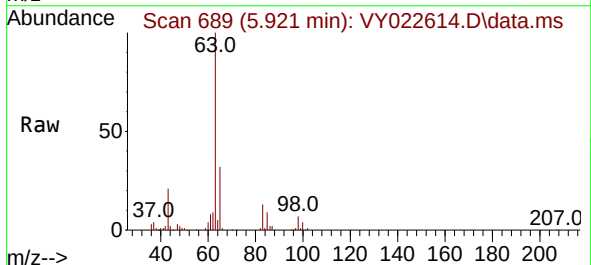
Instrument :
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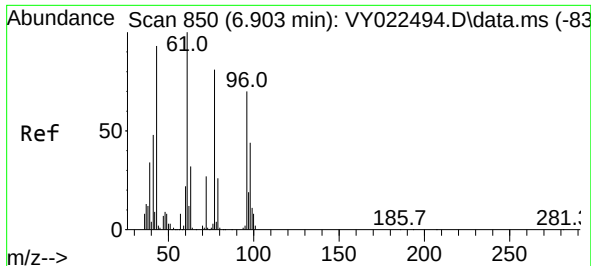
Tgt Ion: 43 Resp: 1009520
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.631 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022614.D
 Acq: 09 Jun 2025 08:24

Tgt Ion: 63 Resp: 218150
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.3 2.1 6.3

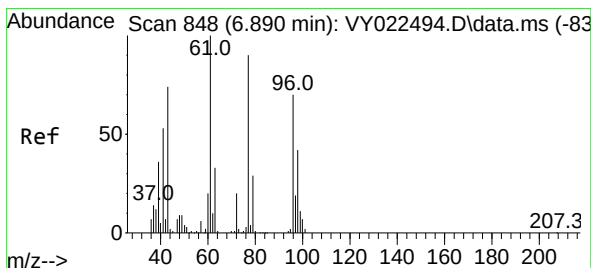
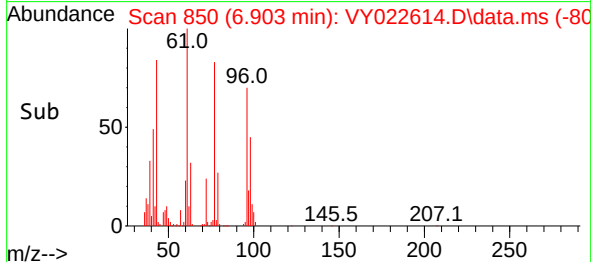
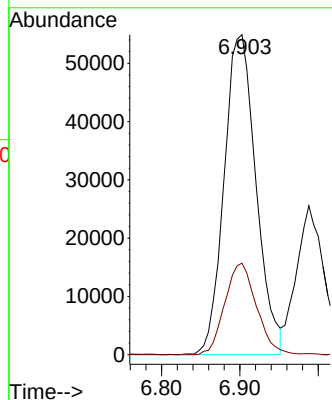
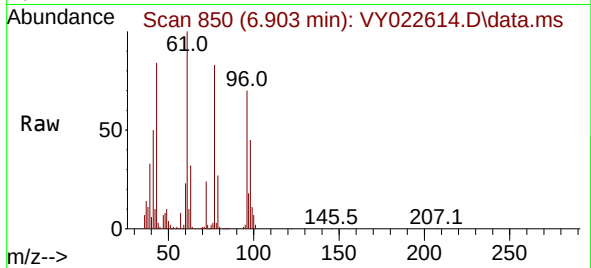




#25
2-Butanone
Concen: 247.769 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

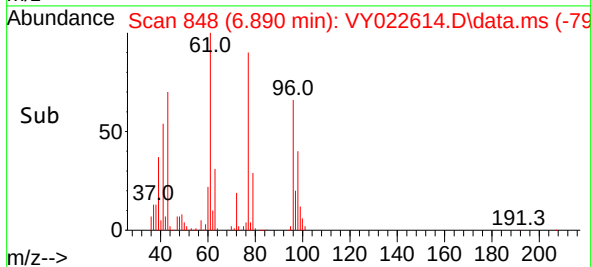
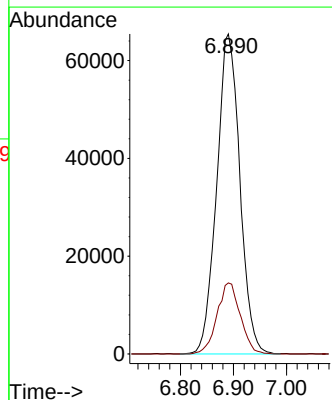
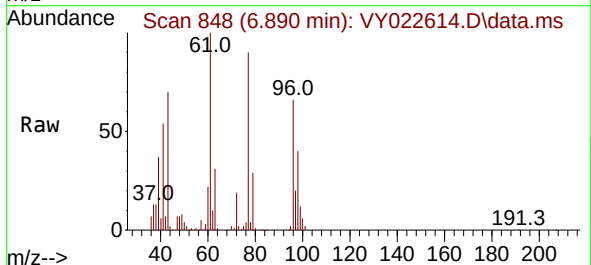
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ClientSampleId :
VSTDCCC050

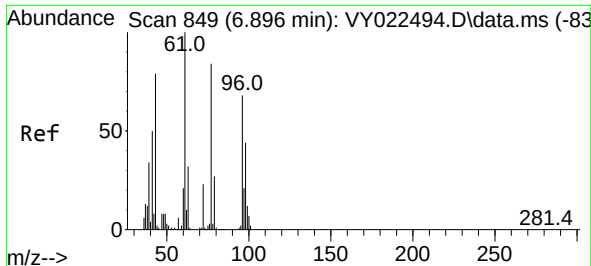
Tgt Ion: 43 Resp: 155865
Ion Ratio Lower Upper
43 100
72 28.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 54.218 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 77 Resp: 198560
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.892 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

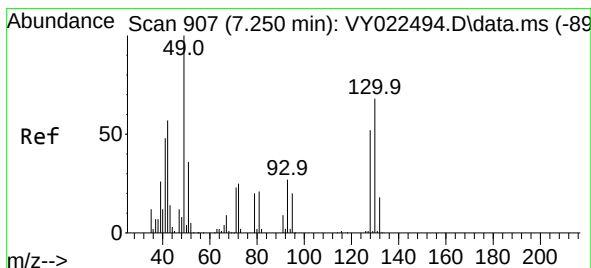
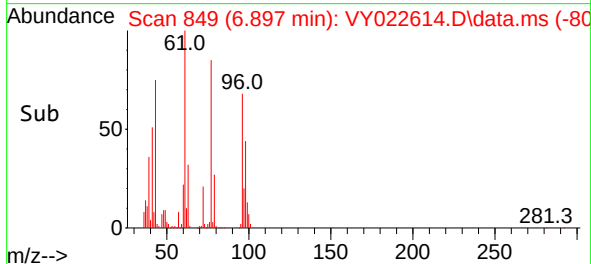
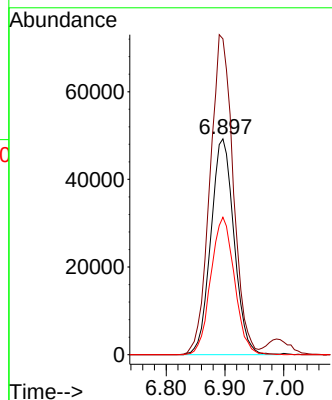
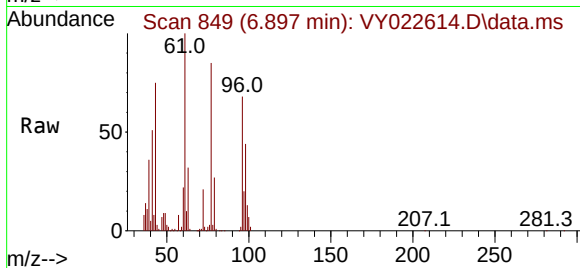
Tgt Ion: 96 Resp: 135163

Ion Ratio Lower Upper

96 100

61 148.9 0.0 290.0

98 65.0 0.0 128.4



#28

Bromochloromethane

Concen: 52.863 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

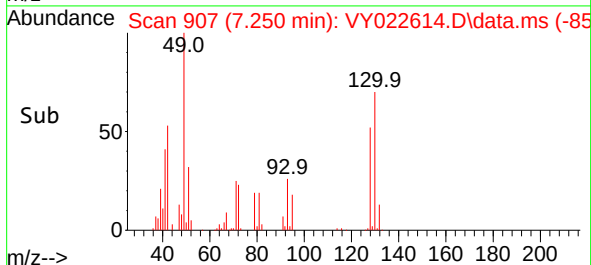
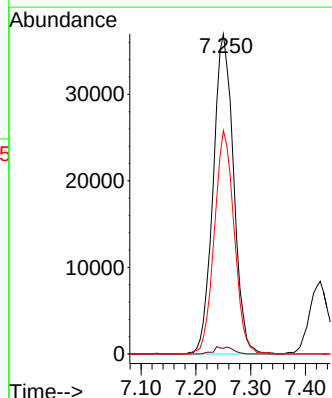
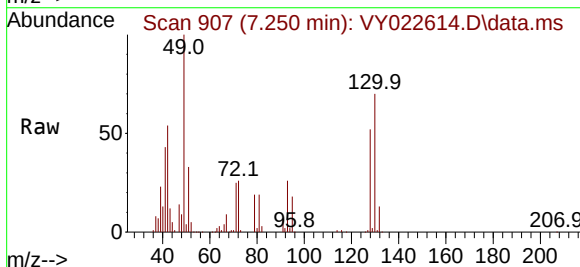
Tgt Ion: 49 Resp: 95513

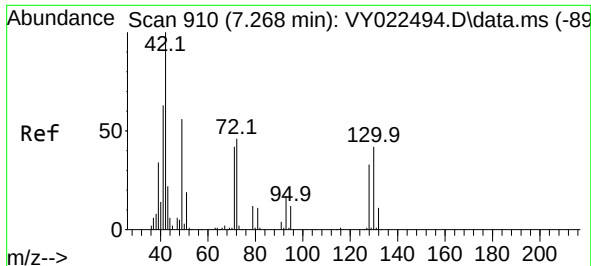
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.6

130 68.0 55.7 83.5





#29

Tetrahydrofuran

Concen: 236.384 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

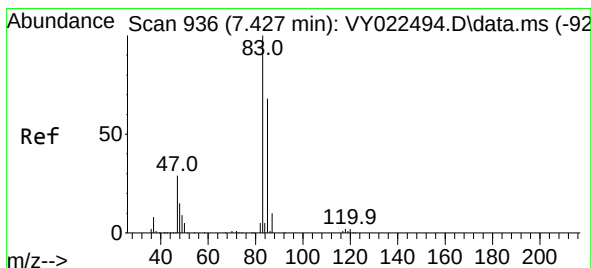
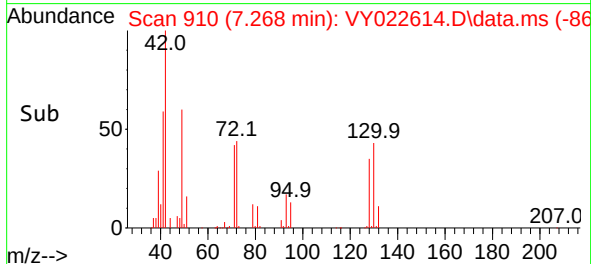
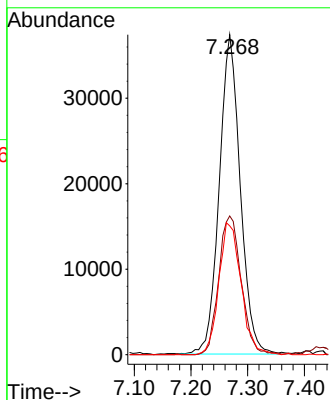
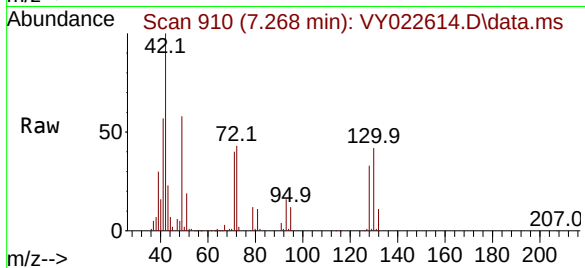
Tgt Ion: 42 Resp: 95909

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.2

71 43.6 34.2 51.2



#30

Chloroform

Concen: 53.239 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022614.D

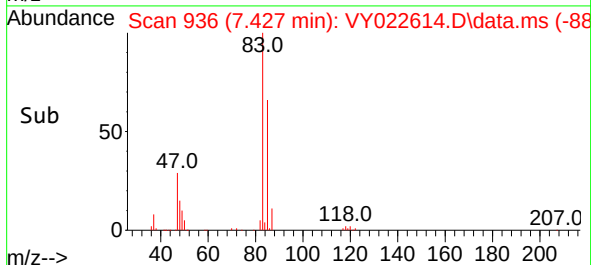
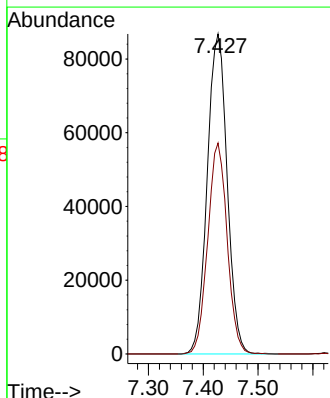
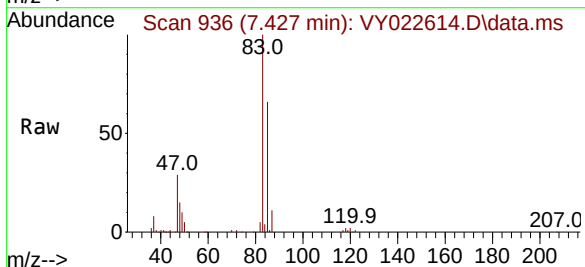
Acq: 09 Jun 2025 08:24

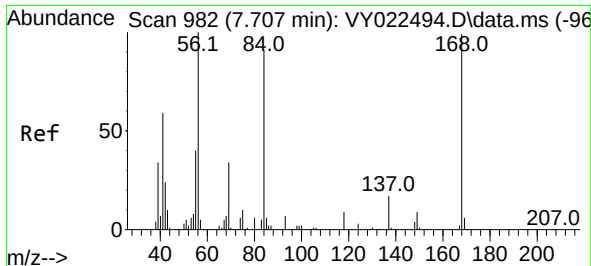
Tgt Ion: 83 Resp: 218572

Ion Ratio Lower Upper

83 100

85 65.9 54.2 81.4

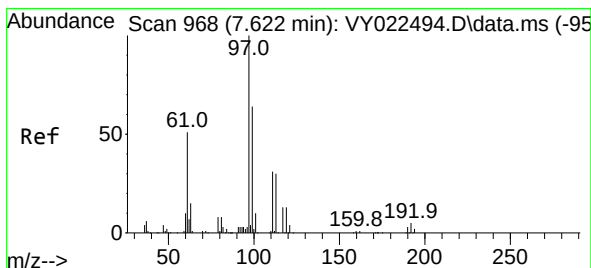
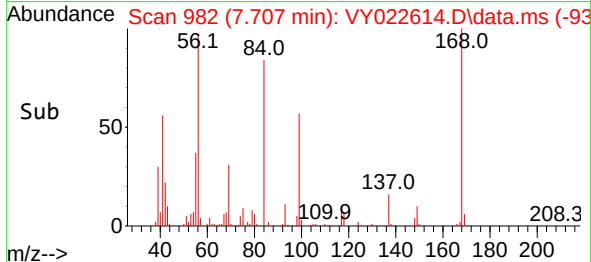
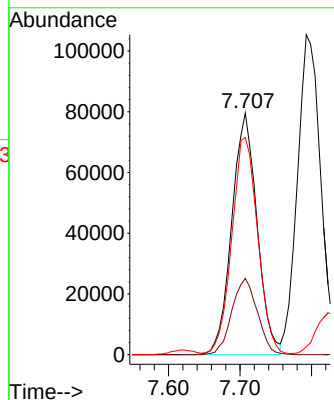
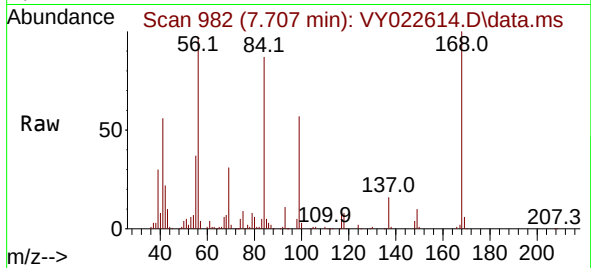




#31
Cyclohexane
Concen: 47.342 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

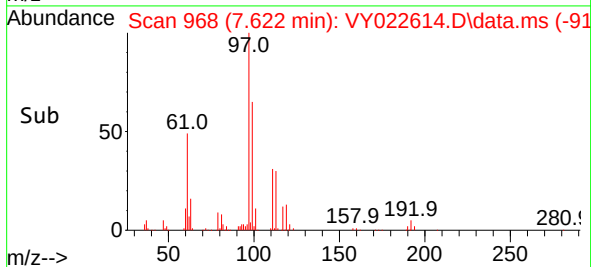
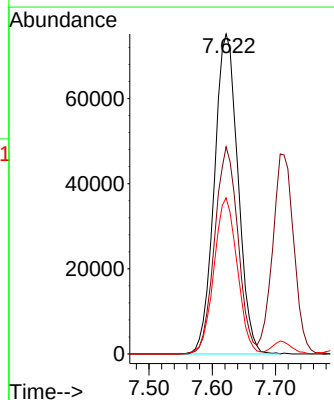
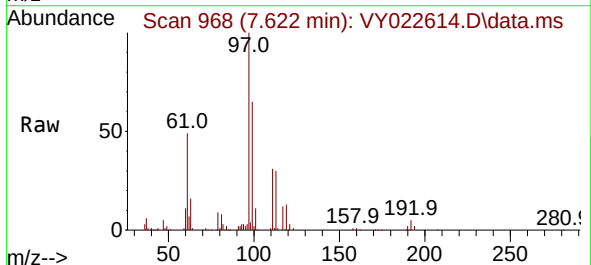
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

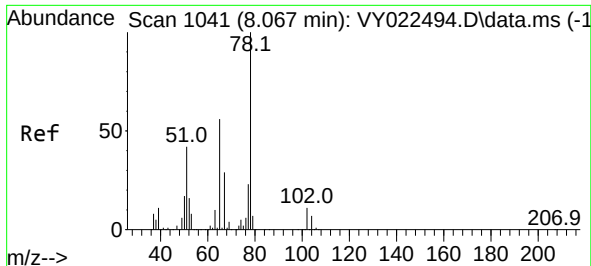
Tgt Ion: 56 Resp: 195355
Ion Ratio Lower Upper
56 100
69 31.5 27.0 40.6
84 88.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.437 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 97 Resp: 194750
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 48.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.199 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

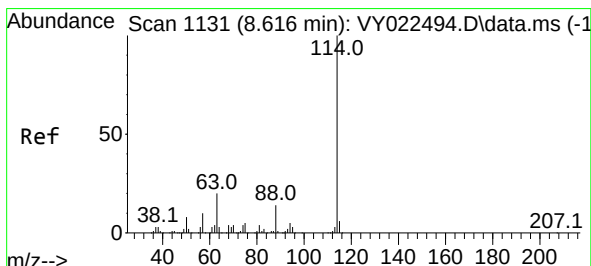
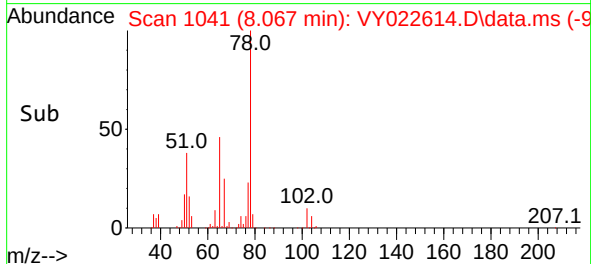
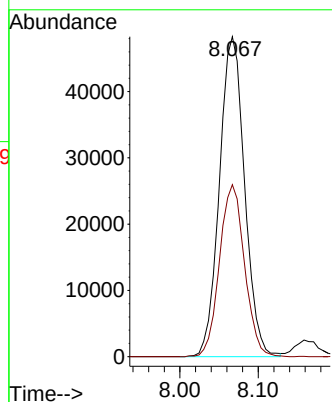
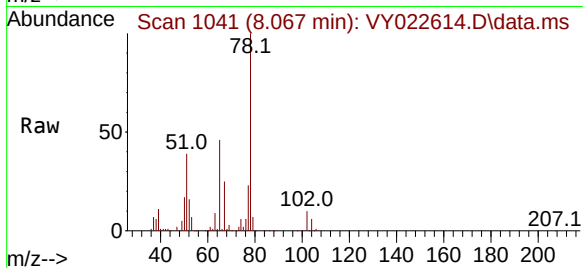
VSTDCCC050

Tgt Ion: 65 Resp: 107801

Ion Ratio Lower Upper

65 100

67 53.5 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: VY022614.D

Acq: 09 Jun 2025 08:24

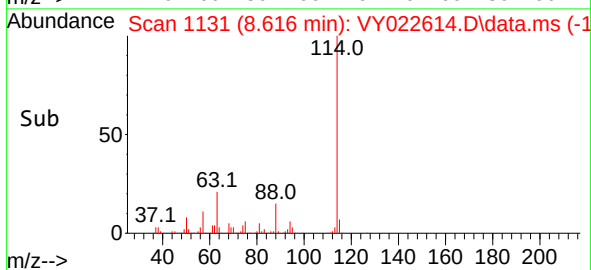
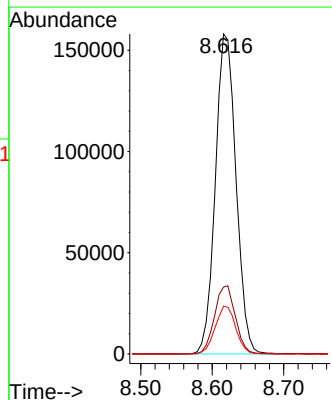
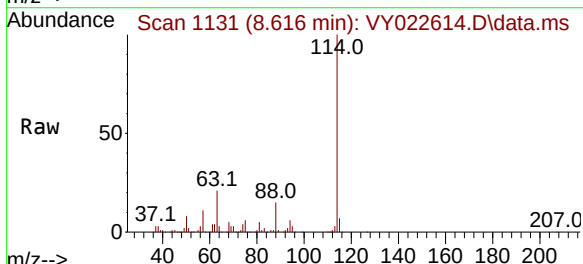
Tgt Ion: 114 Resp: 317102

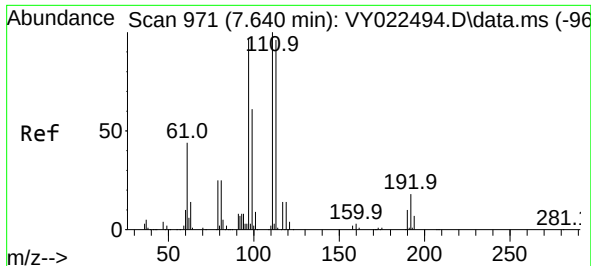
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 14.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 54.205 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

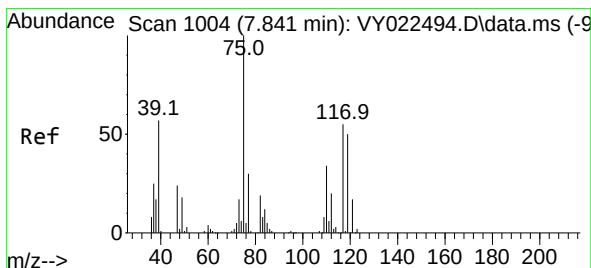
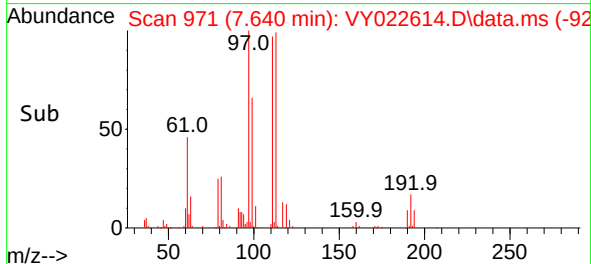
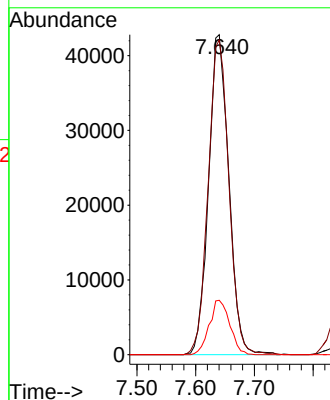
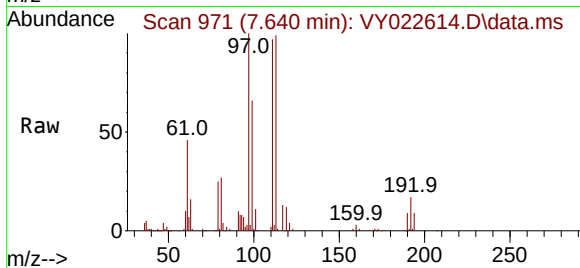
Tgt Ion:113 Resp: 102594

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

192 17.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 53.654 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

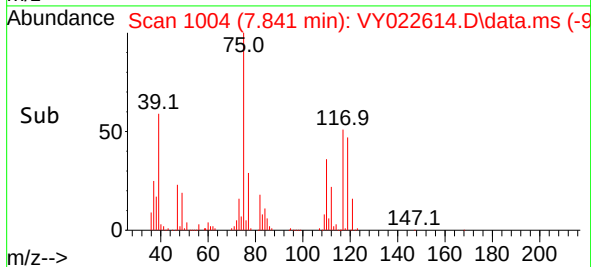
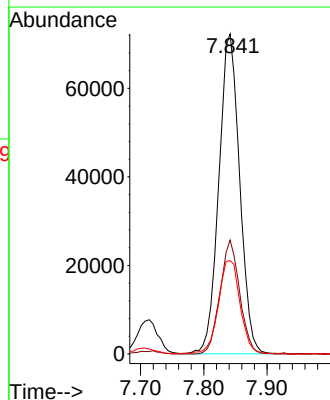
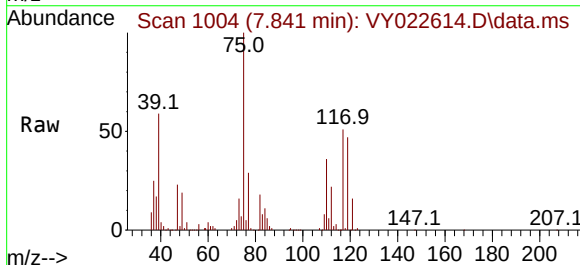
Tgt Ion: 75 Resp: 164819

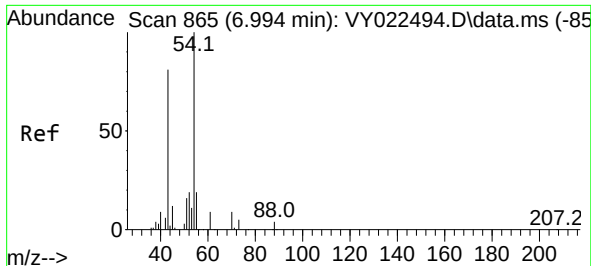
Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.7

77 30.5 24.8 37.2





#37

Ethyl Acetate

Concen: 47.415 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

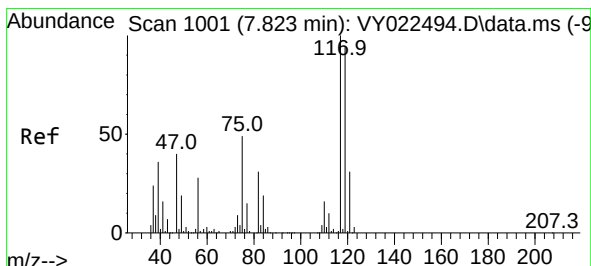
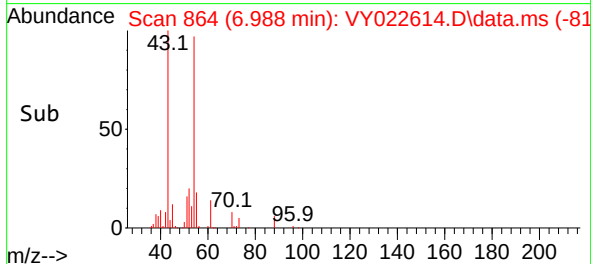
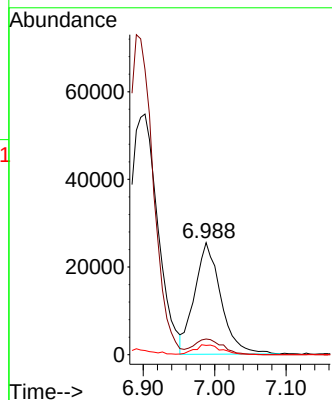
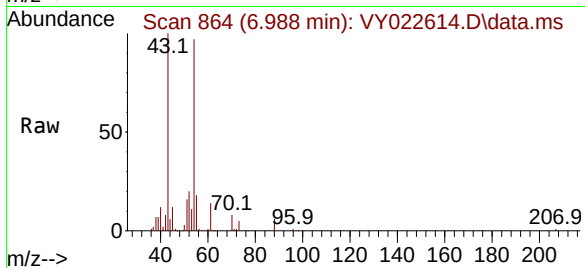
Tgt Ion: 43 Resp: 64955

Ion Ratio Lower Upper

43 100

61 15.3 11.5 17.3

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 53.369 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

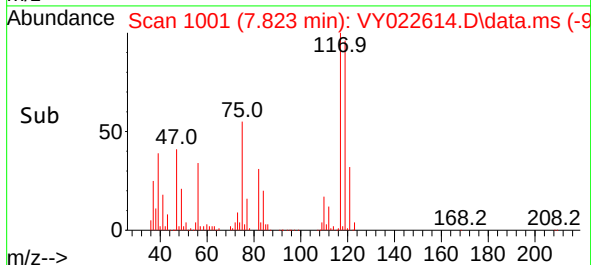
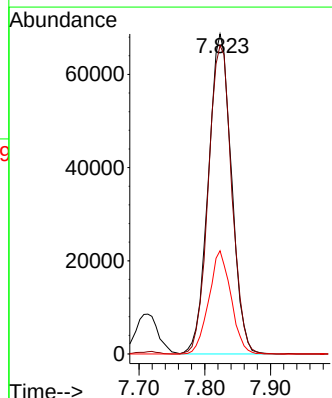
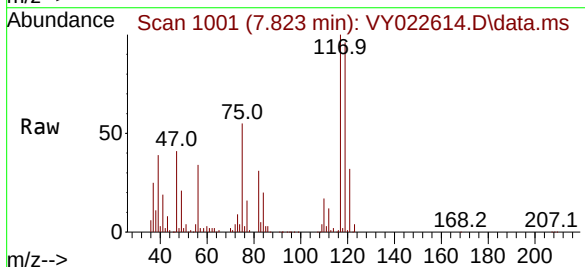
Tgt Ion: 117 Resp: 168181

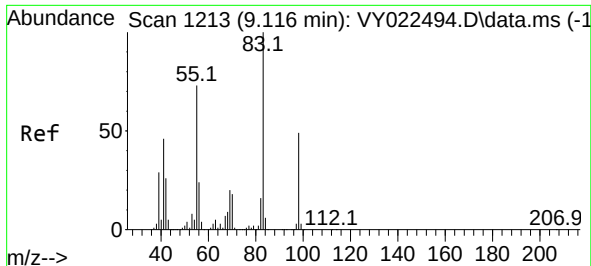
Ion Ratio Lower Upper

117 100

119 96.4 75.0 112.6

121 32.2 25.0 37.4





#39

Methylcyclohexane

Concen: 50.321 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

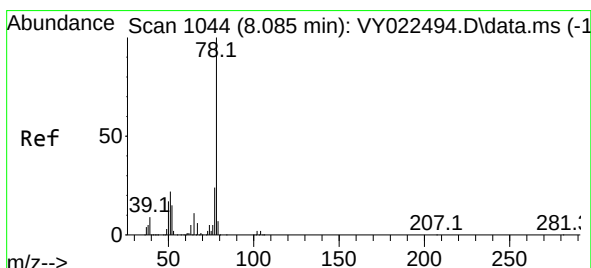
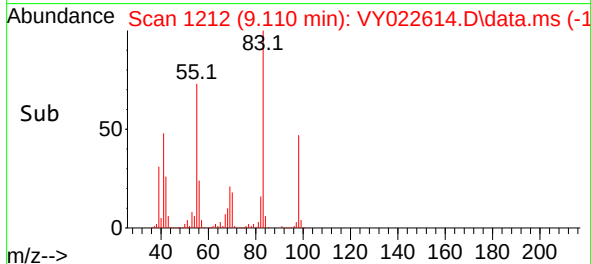
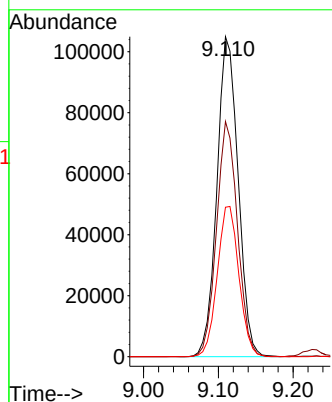
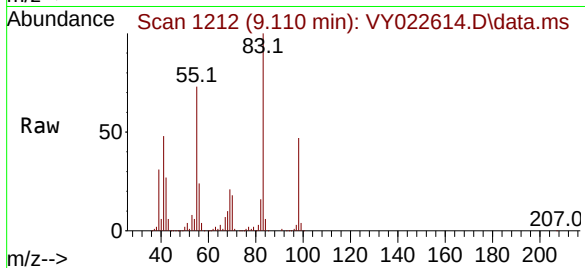
Tgt Ion: 83 Resp: 207731

Ion Ratio Lower Upper

83 100

55 73.5 58.1 87.1

98 46.7 39.0 58.6



#40

Benzene

Concen: 54.044 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022614.D

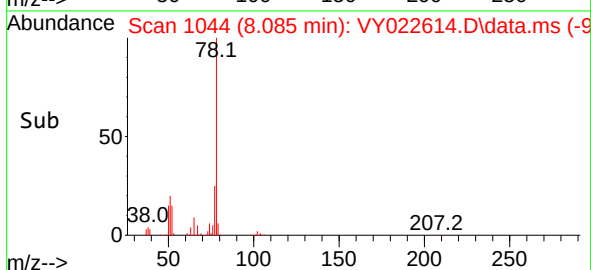
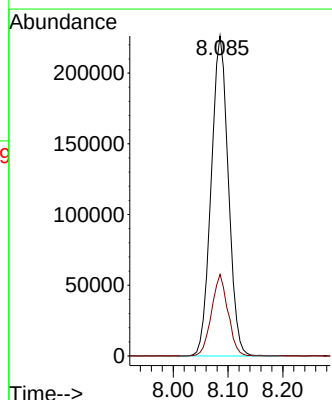
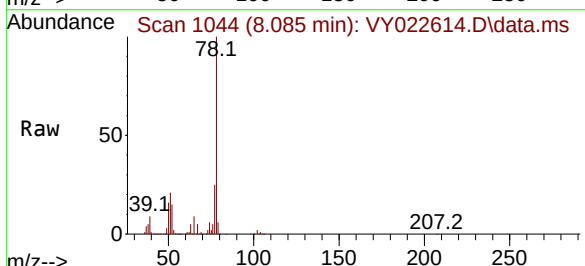
Acq: 09 Jun 2025 08:24

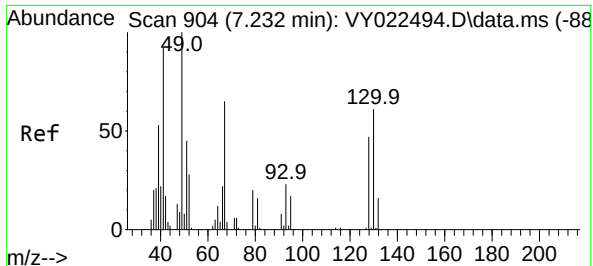
Tgt Ion: 78 Resp: 490349

Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9

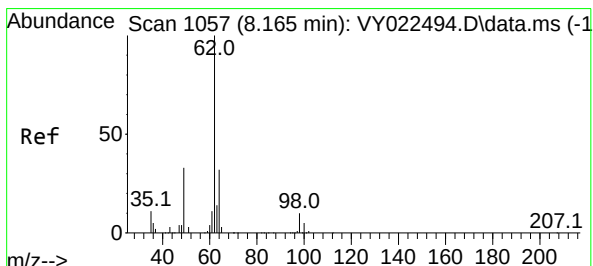
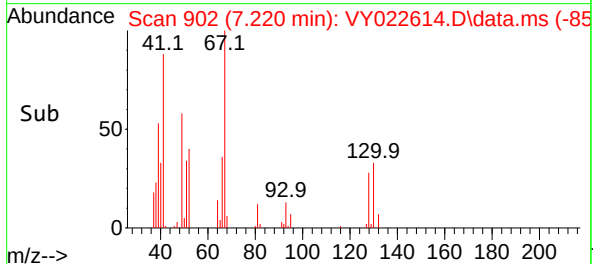
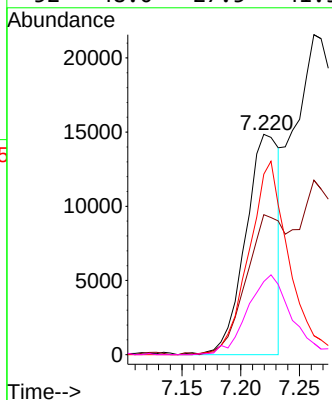
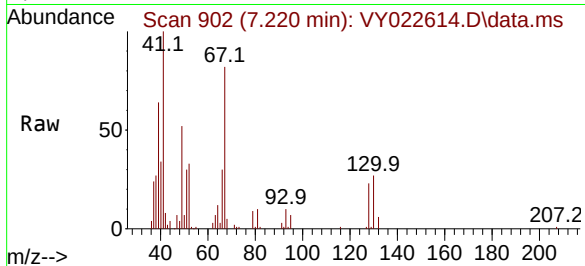




#41
Methacrylonitrile
Concen: 36.737 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

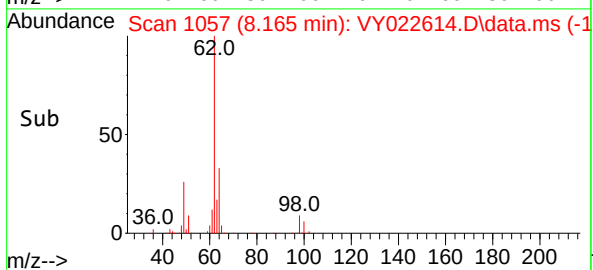
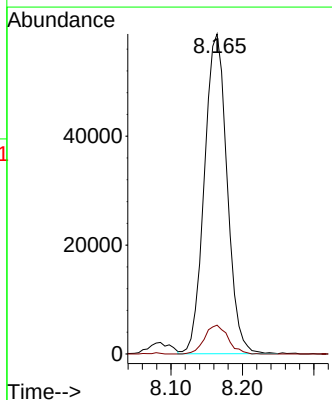
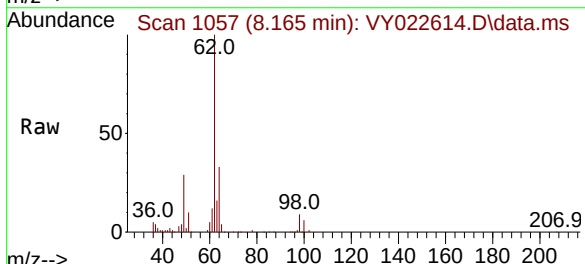
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

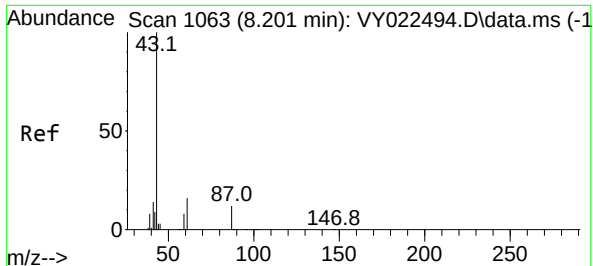
Tgt Ion:	41	Resp:	29396
Ion	Ratio	Lower	Upper
41	100		
39	72.8	46.6	69.8#
67	105.5	63.3	94.9#
52	48.0	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 52.298 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion:	62	Resp:	129561
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 48.245 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

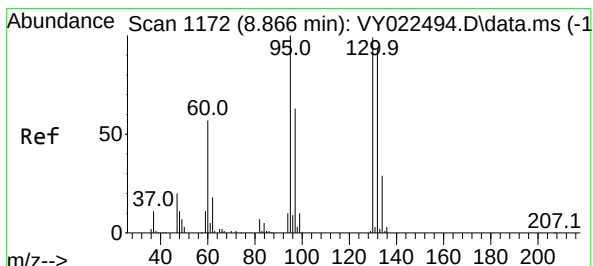
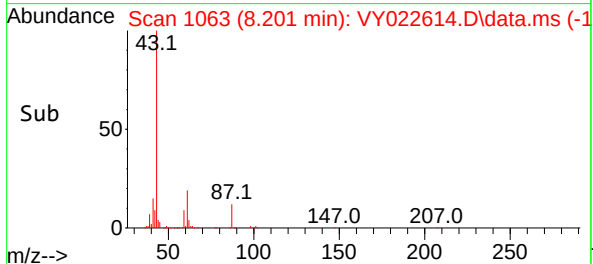
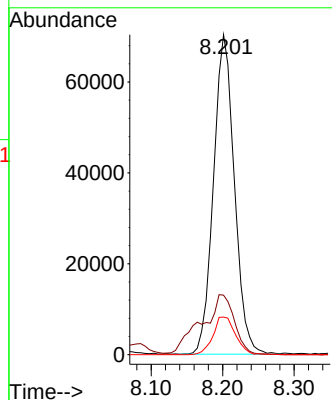
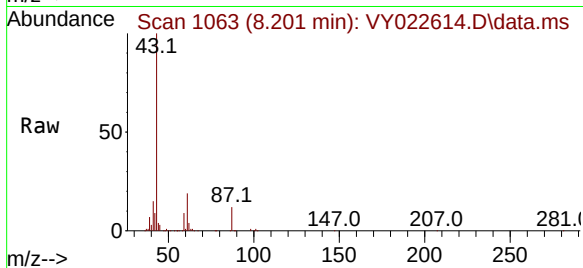
Tgt Ion: 43 Resp: 142739

Ion Ratio Lower Upper

43 100

61 29.9 15.6 23.4#

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 54.216 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY022614.D

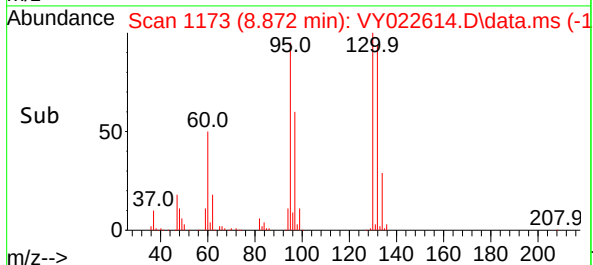
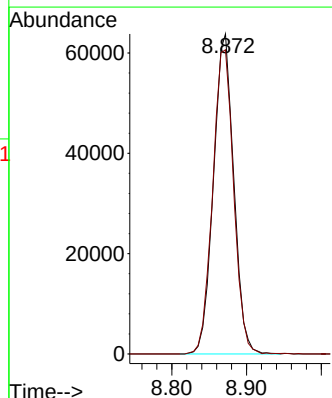
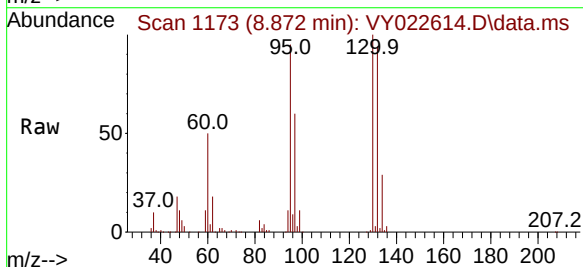
Acq: 09 Jun 2025 08:24

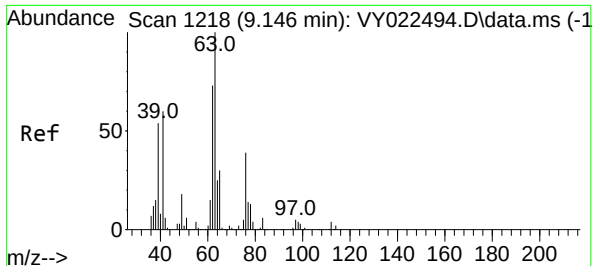
Tgt Ion:130 Resp: 120223

Ion Ratio Lower Upper

130 100

95 95.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.015 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

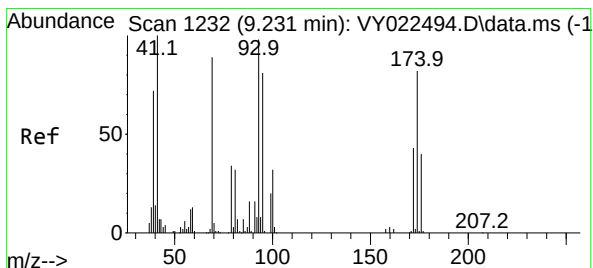
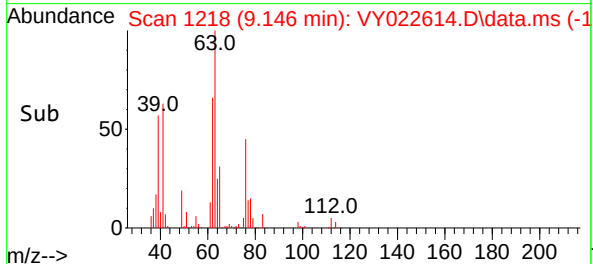
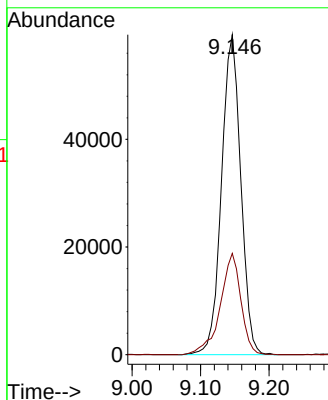
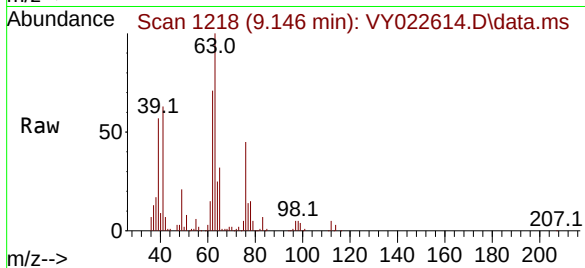
VSTDCCC050

Tgt Ion: 63 Resp: 115823

Ion Ratio Lower Upper

63 100

65 31.7 24.0 36.0



#46

Dibromomethane

Concen: 51.789 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

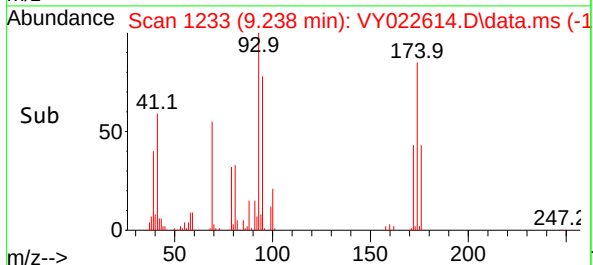
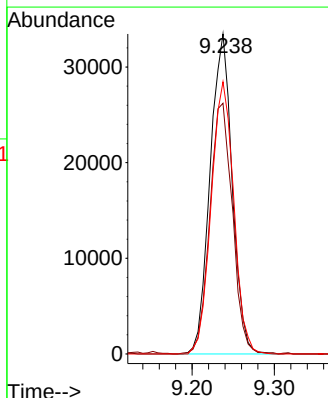
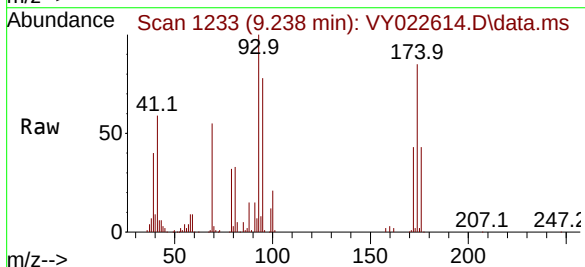
Tgt Ion: 93 Resp: 62475

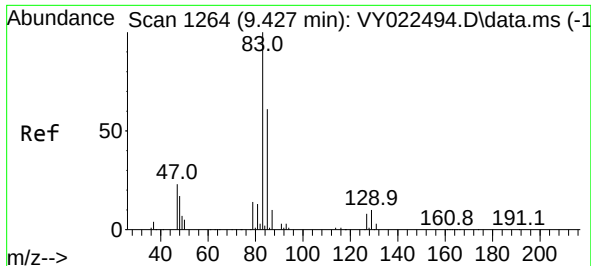
Ion Ratio Lower Upper

93 100

95 80.4 65.6 98.4

174 86.8 70.4 105.6



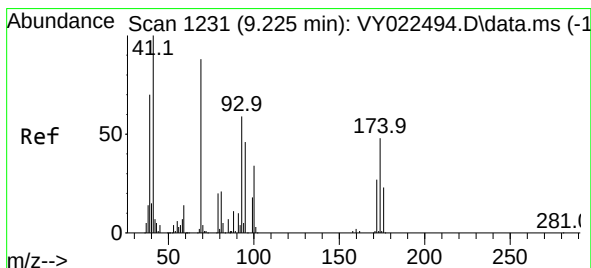
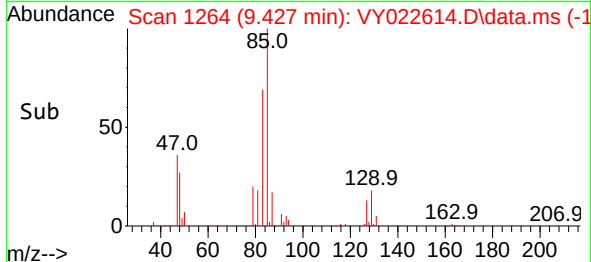
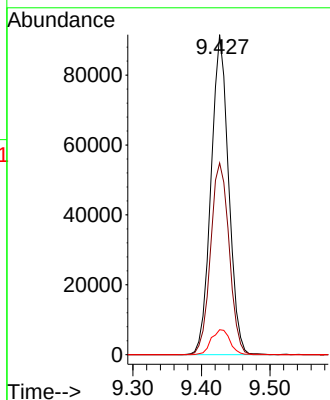
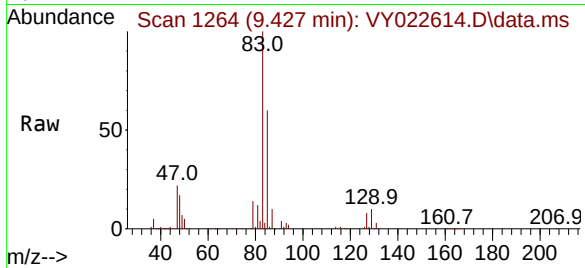


#47
 Bromodichloromethane
 Concen: 53.339 ug/l
 RT: 9.427 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: VY022614.D
 Acq: 09 Jun 2025 08:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 163155

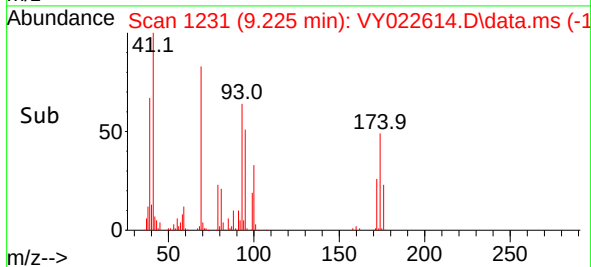
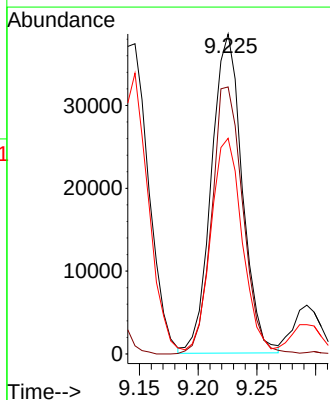
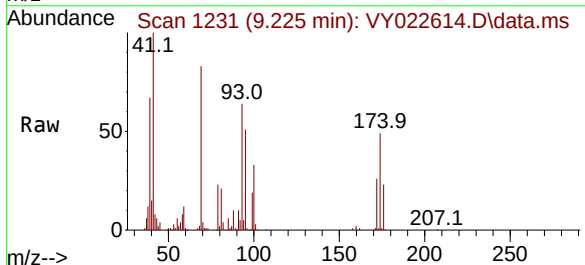
Ion	Ratio	Lower	Upper
83	100		
85	59.9	49.1	73.7
127	7.8	6.2	9.4

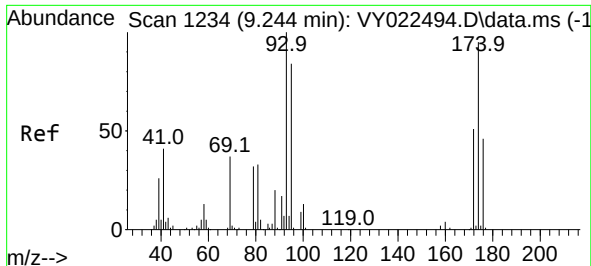


#48
 Methyl methacrylate
 Concen: 50.642 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: VY022614.D
 Acq: 09 Jun 2025 08:24

Tgt Ion: 41 Resp: 70320

Ion	Ratio	Lower	Upper
41	100		
69	84.4	67.8	101.8
39	66.6	55.0	82.4

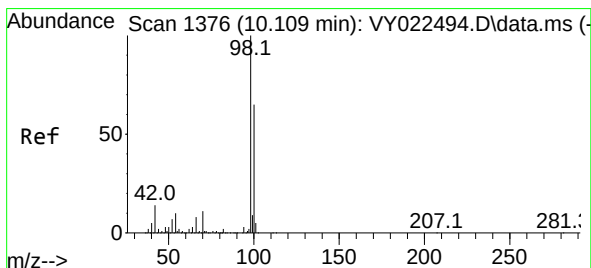
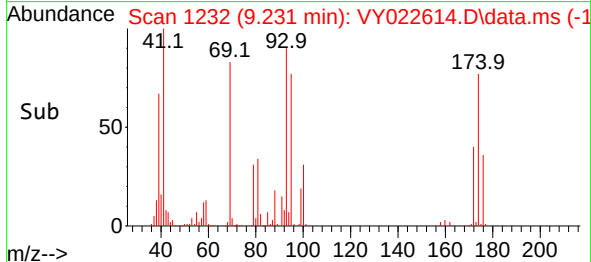
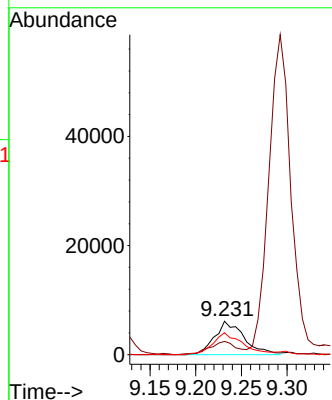
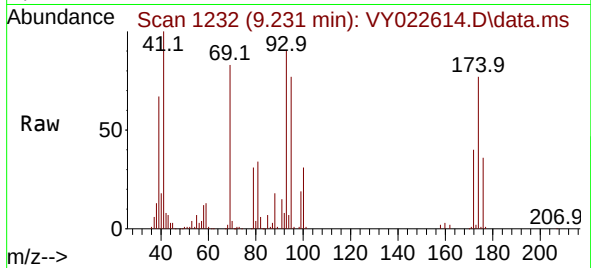




#49
1,4-Dioxane
Concen: 958.258 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

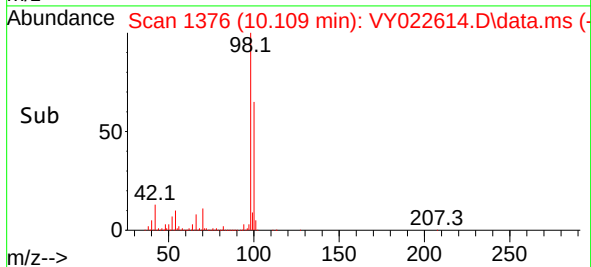
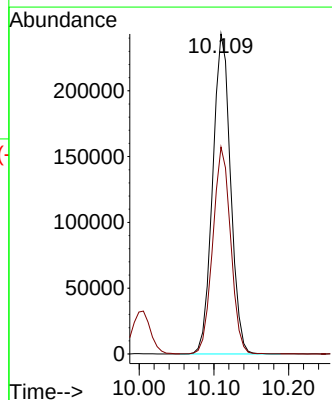
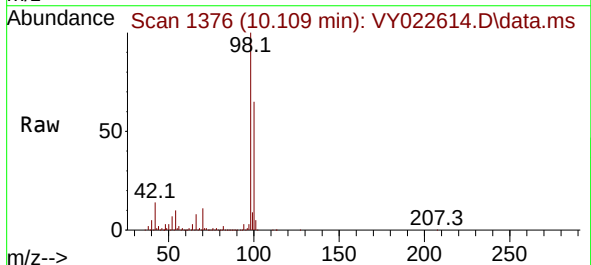
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

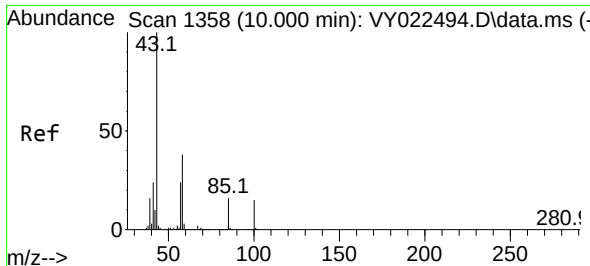
Tgt Ion: 88 Resp: 13695
Ion Ratio Lower Upper
88 100
43 37.8 25.4 38.2
58 65.2 54.9 82.3



#50
Toluene-d8
Concen: 52.975 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 98 Resp: 405143
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

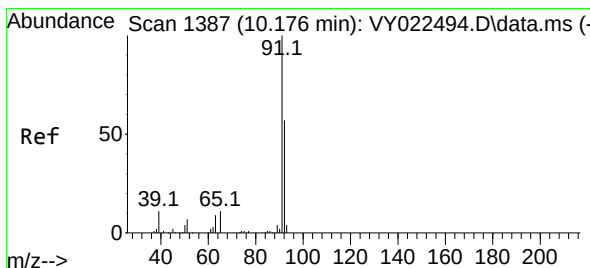
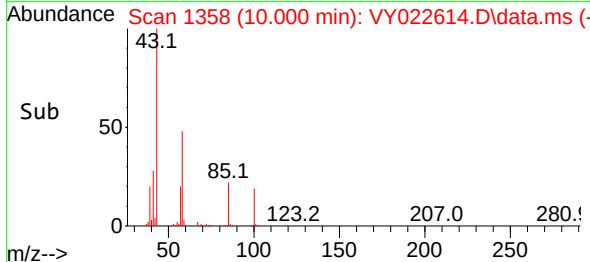
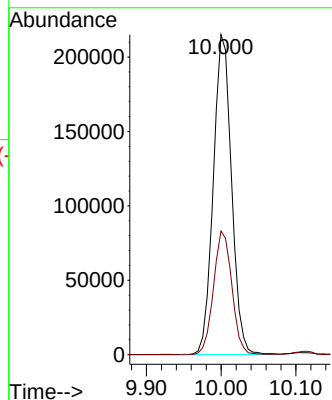
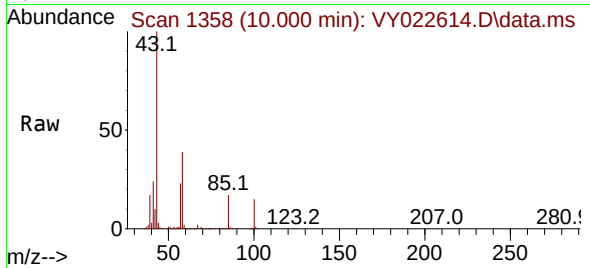




#51
4-Methyl-2-Pentanone
Concen: 247.451 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

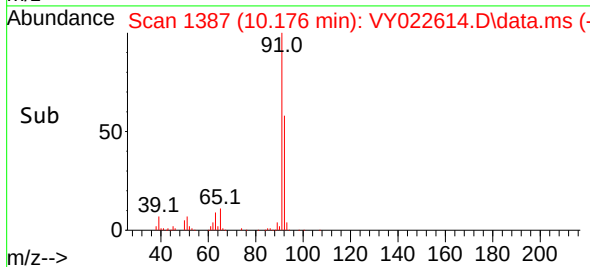
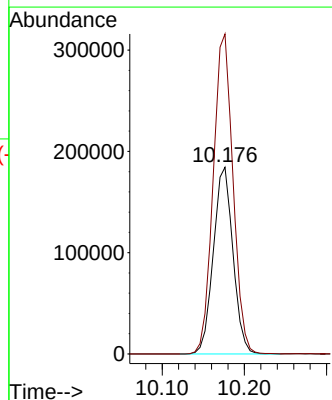
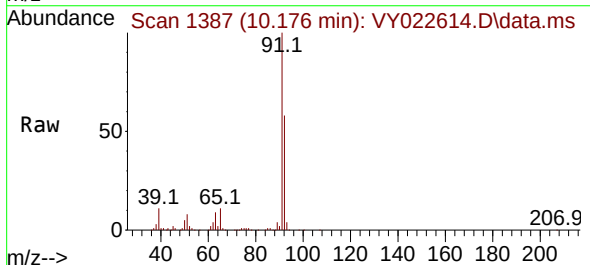
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

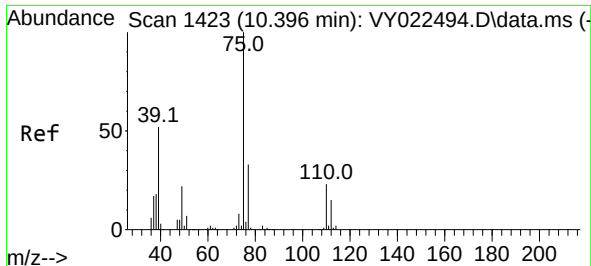
Tgt Ion: 43 Resp: 365010
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 53.534 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 92 Resp: 305239
Ion Ratio Lower Upper
92 100
91 173.0 139.0 208.4

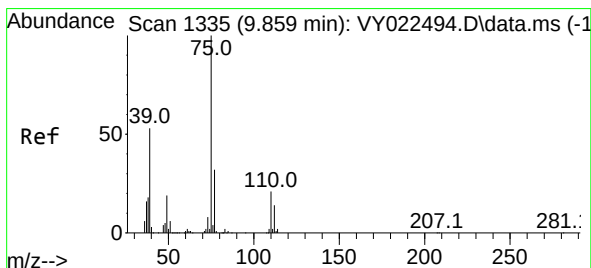
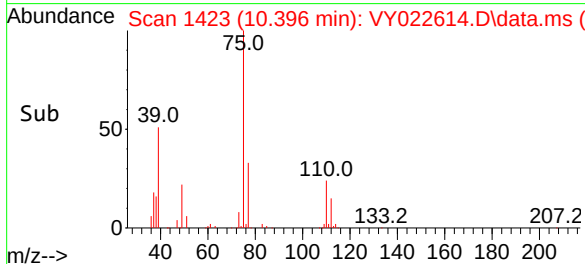
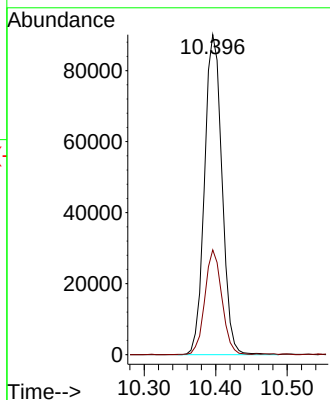
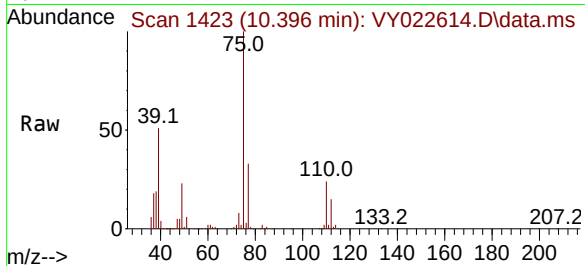




#53
t-1,3-Dichloropropene
Concen: 53.326 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

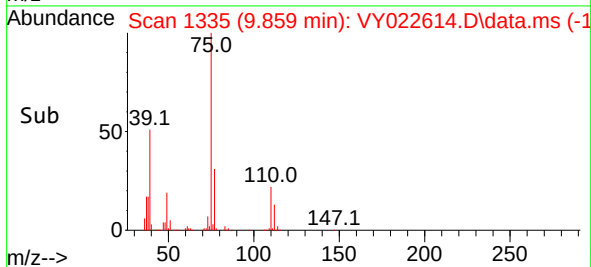
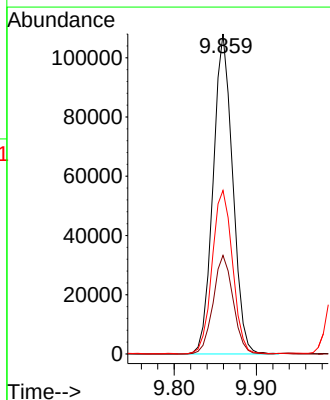
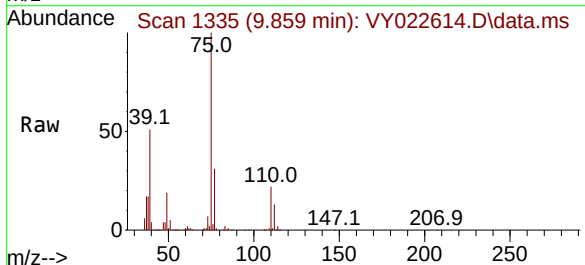
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

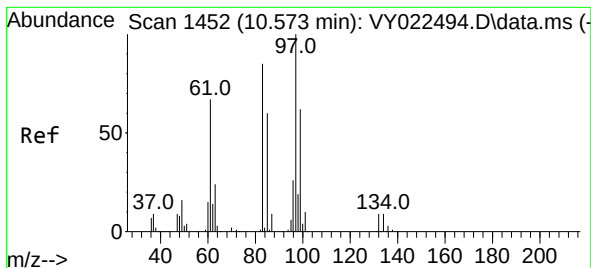
Tgt Ion: 75 Resp: 152835
Ion Ratio Lower Upper
75 100
77 32.6 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 53.508 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 75 Resp: 178515
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 51.1 42.7 64.1

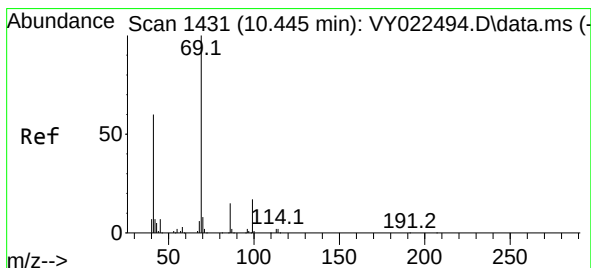
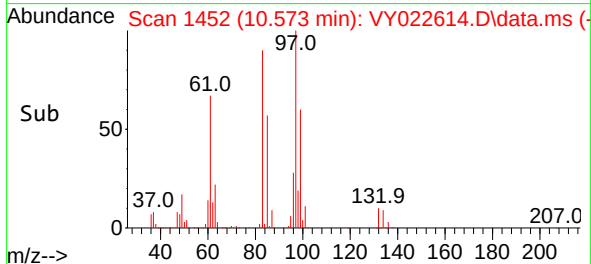
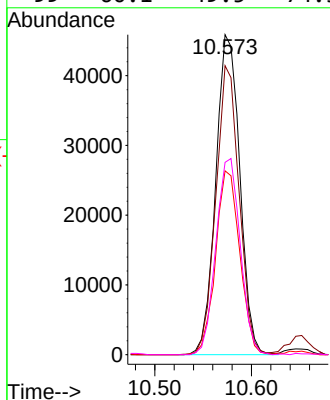
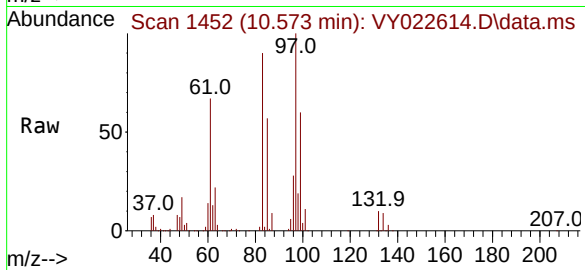




#55
1,1,2-Trichloroethane
Concen: 51.474 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

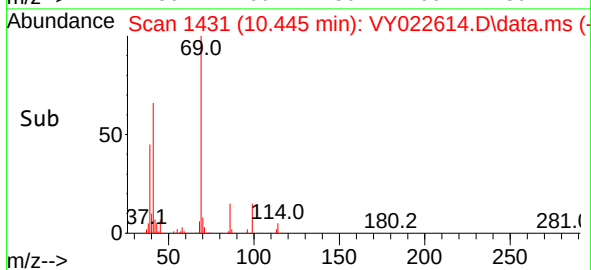
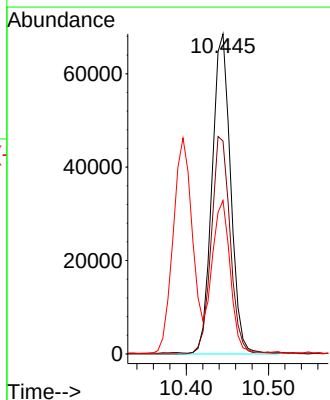
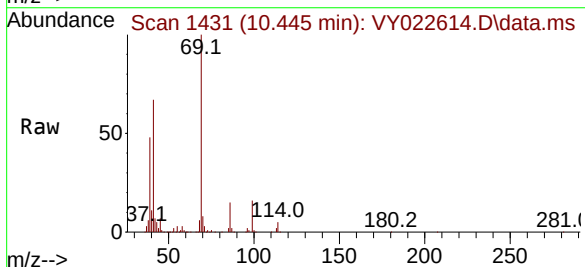
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

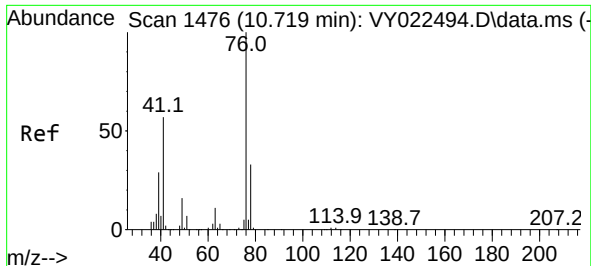
Tgt Ion: 97	Resp: 79180
Ion Ratio	Lower Upper
97 100	
83 90.3	68.1 102.1
85 57.5	48.2 72.2
99 60.1	49.5 74.3



#56
Ethyl methacrylate
Concen: 48.370 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 69	Resp: 107539
Ion Ratio	Lower Upper
69 100	
41 68.0	52.2 78.2
39 45.9	36.7 55.1





#57

1,3-Dichloropropane

Concen: 51.244 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

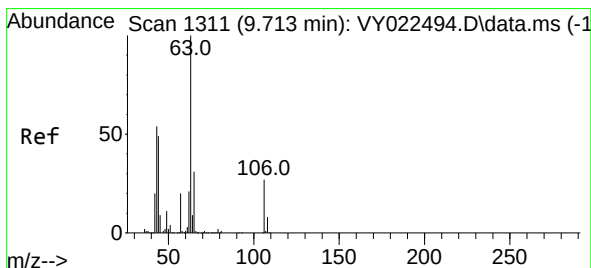
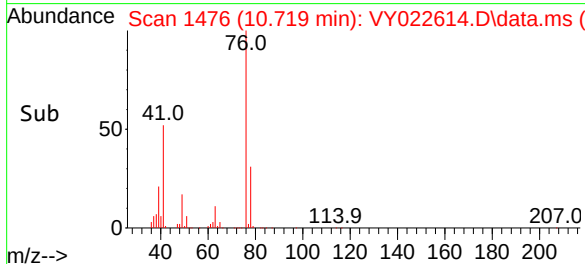
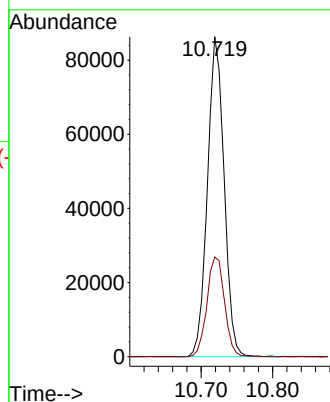
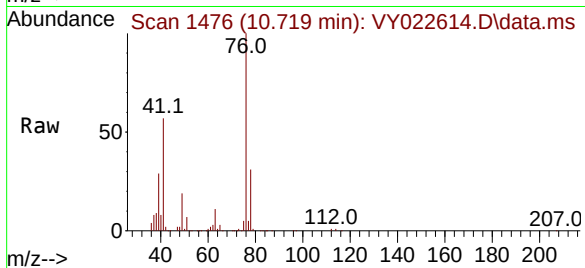
VSTDCCC050

Tgt Ion: 76 Resp: 139710

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.249 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022614.D

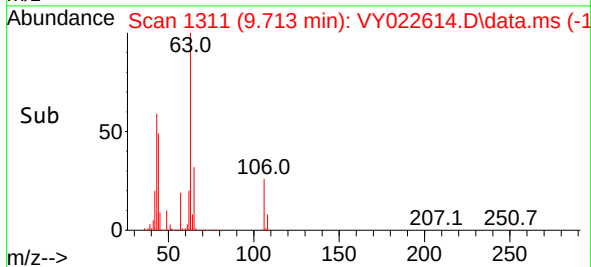
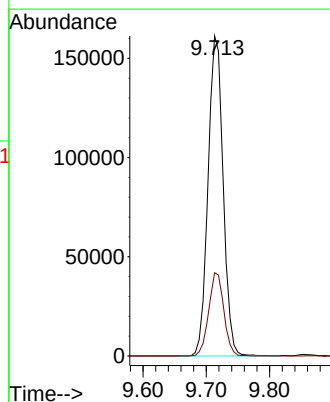
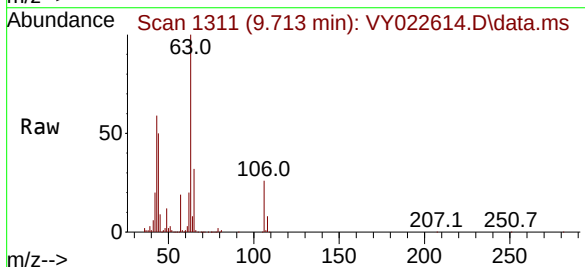
Acq: 09 Jun 2025 08:24

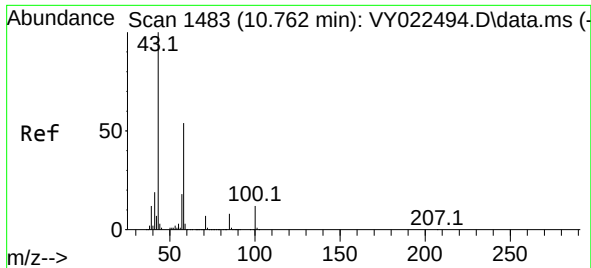
Tgt Ion: 63 Resp: 267744

Ion Ratio Lower Upper

63 100

106 26.1 21.6 32.4

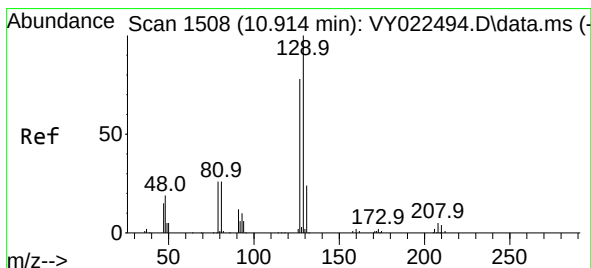
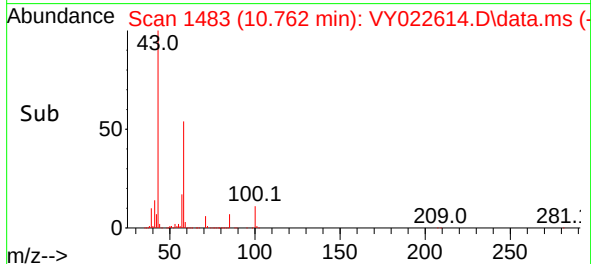
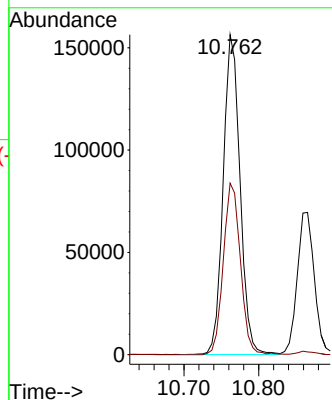
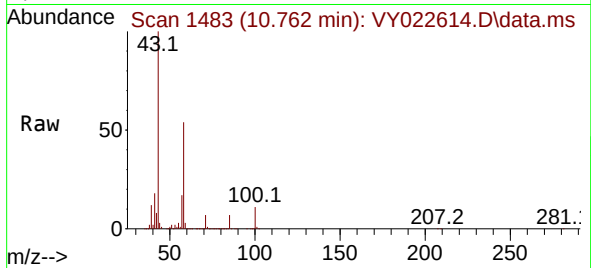




#59
2-Hexanone
Concen: 247.800 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

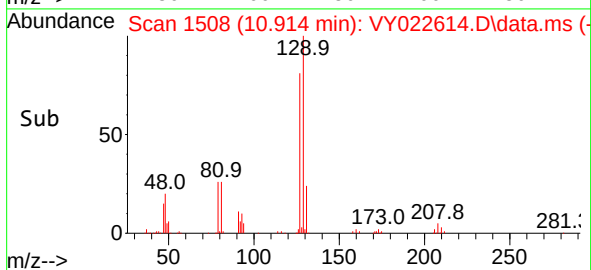
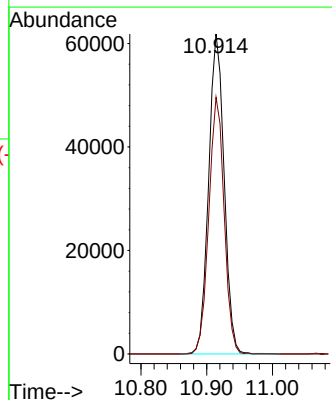
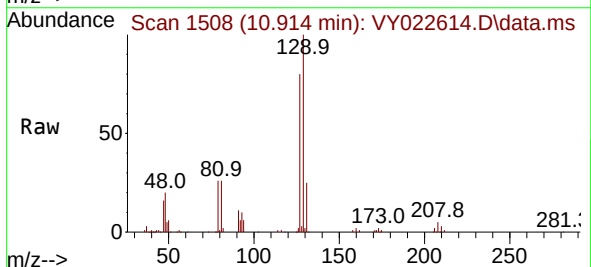
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

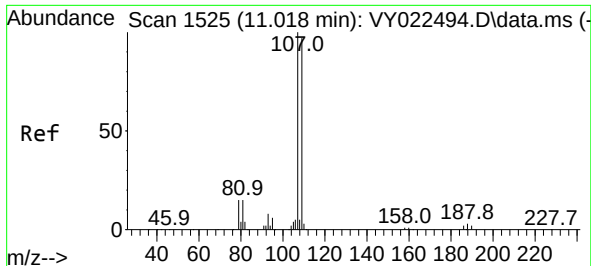
Tgt Ion: 43 Resp: 244460
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 51.858 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 129 Resp: 101373
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2

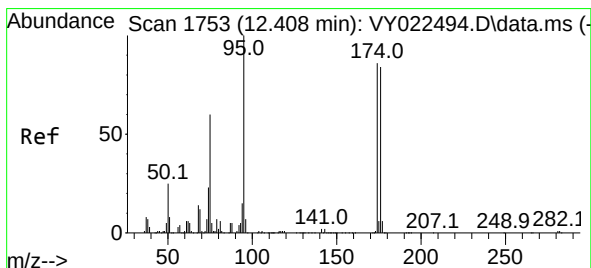
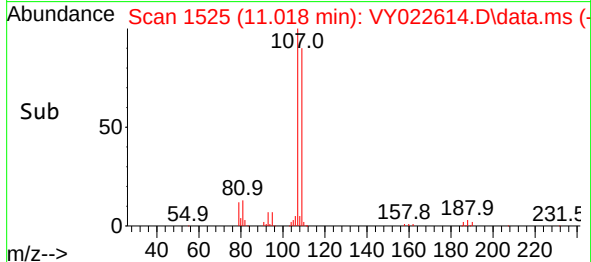
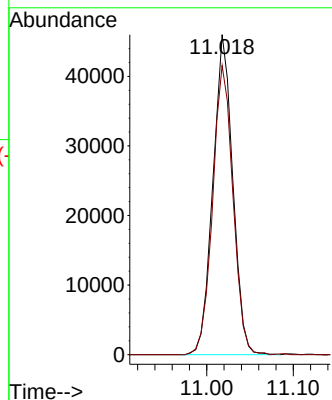
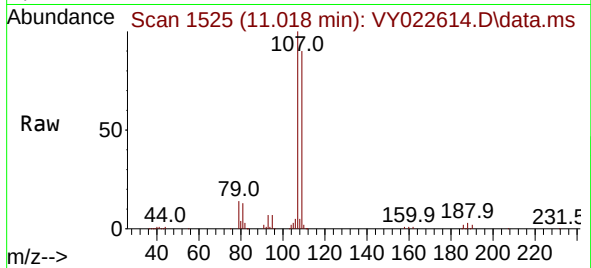




#61
1,2-Dibromoethane
Concen: 52.204 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

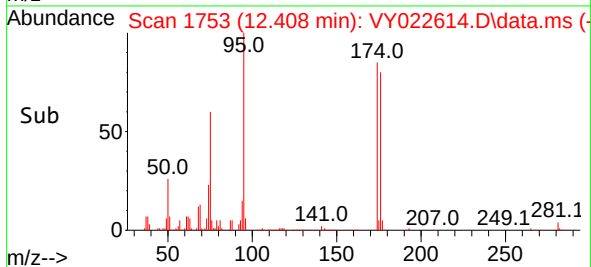
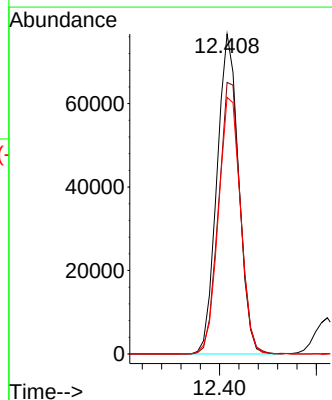
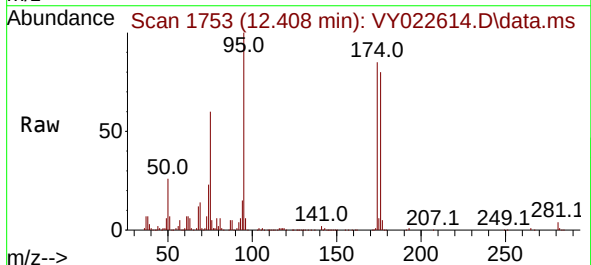
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

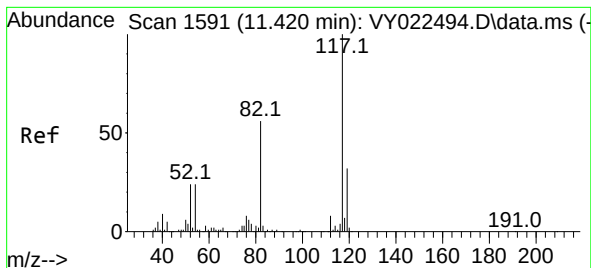
Tgt Ion:107 Resp: 73191
Ion Ratio Lower Upper
107 100
109 92.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 52.338 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 95 Resp: 119261
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 81.6 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

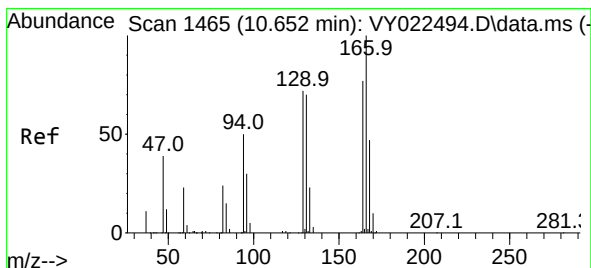
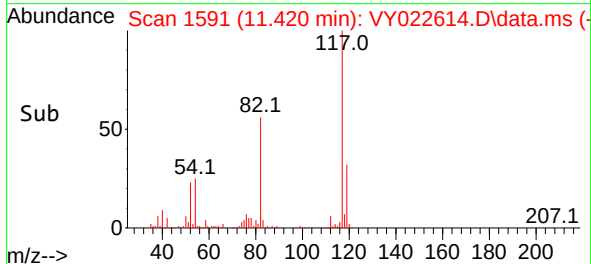
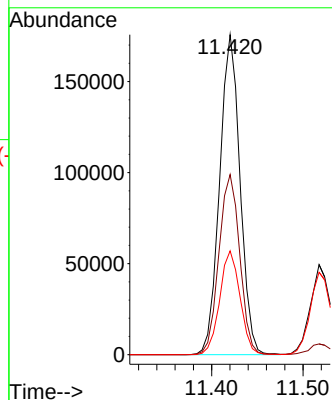
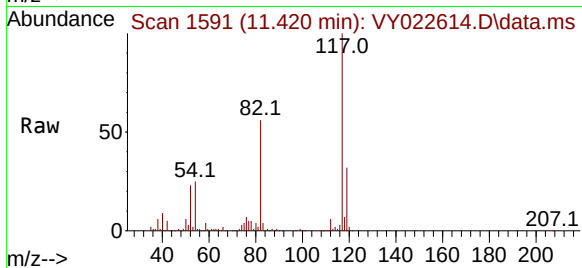
Tgt Ion:117 Resp: 273057

Ion Ratio Lower Upper

117 100

82 56.3 44.6 66.8

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 54.224 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Tgt Ion:164 Resp: 127365

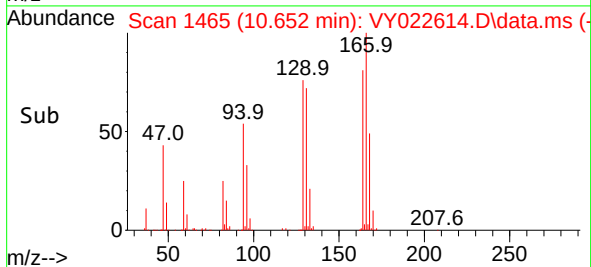
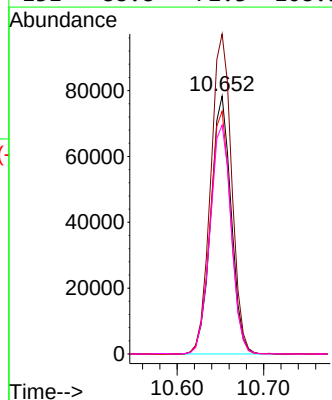
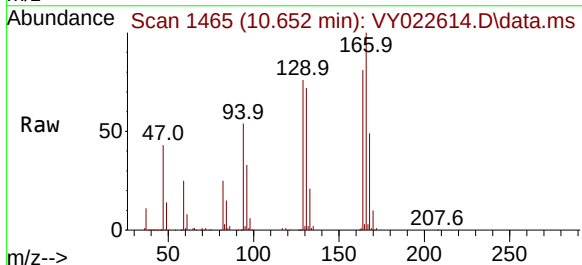
Ion Ratio Lower Upper

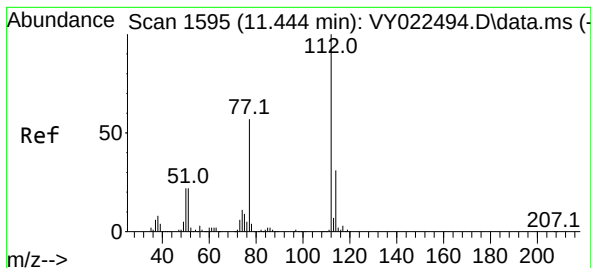
164 100

166 124.1 104.0 156.0

129 94.1 74.5 111.7

131 88.8 72.3 108.5

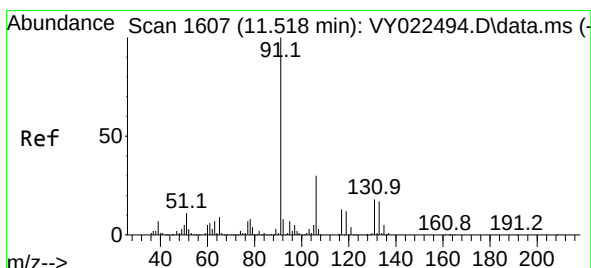
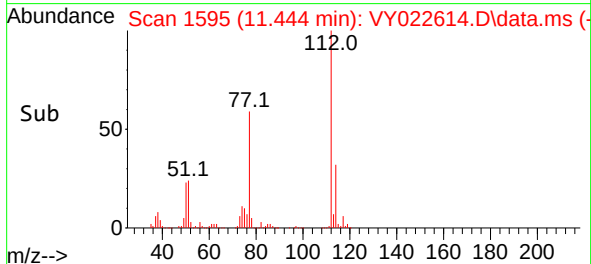
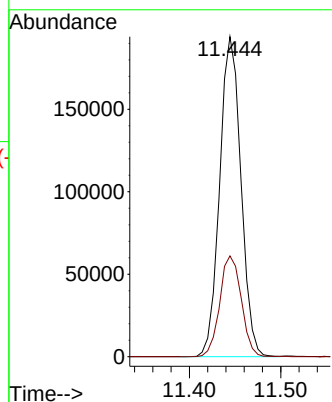
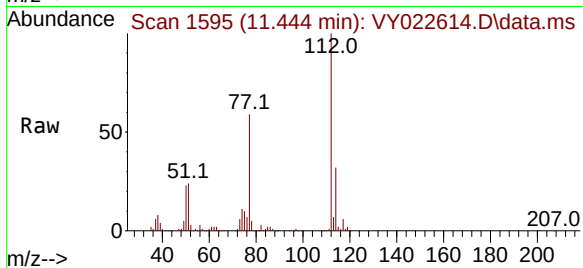




#65
Chlorobenzene
Concen: 51.927 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

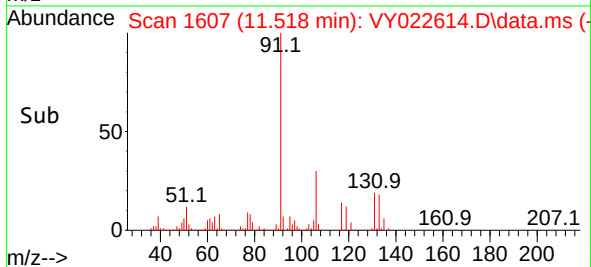
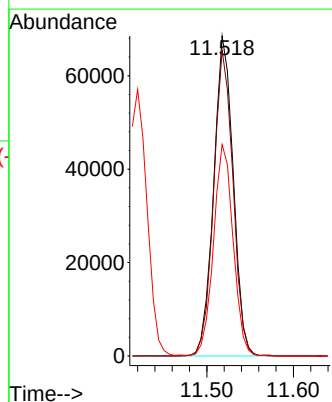
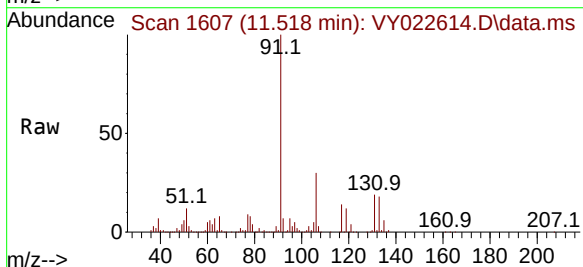
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

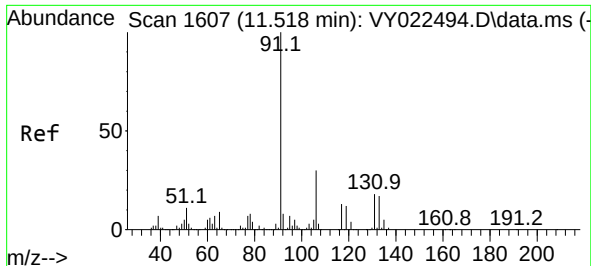
Tgt Ion:112 Resp: 313763
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.793 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion:131 Resp: 107461
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 66.2 33.1 99.3





#67

Ethyl Benzene

Concen: 53.455 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

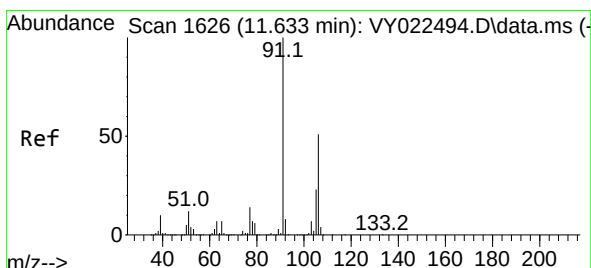
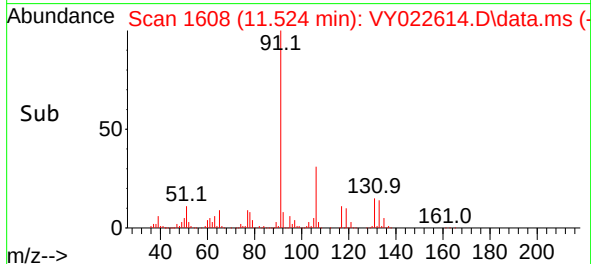
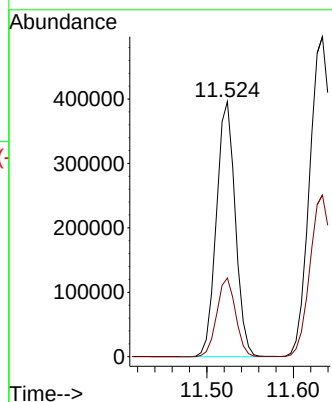
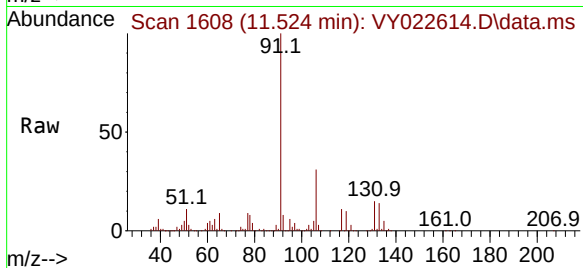
VSTDCCC050

Tgt Ion: 91 Resp: 599083

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 105.334 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY022614.D

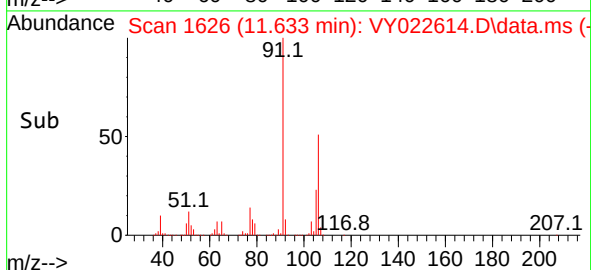
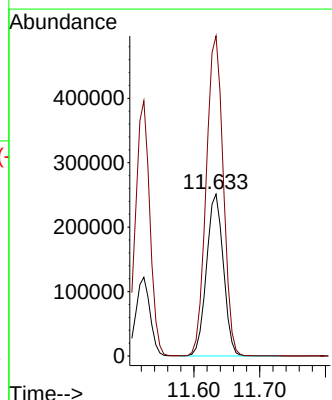
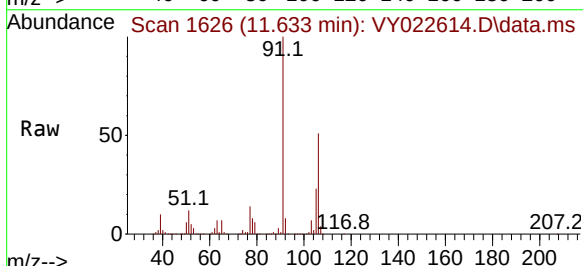
Acq: 09 Jun 2025 08:24

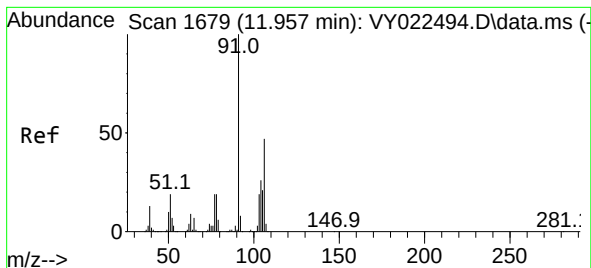
Tgt Ion:106 Resp: 447519

Ion Ratio Lower Upper

106 100

91 199.7 159.4 239.0

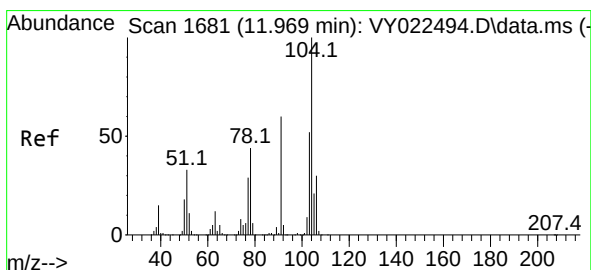
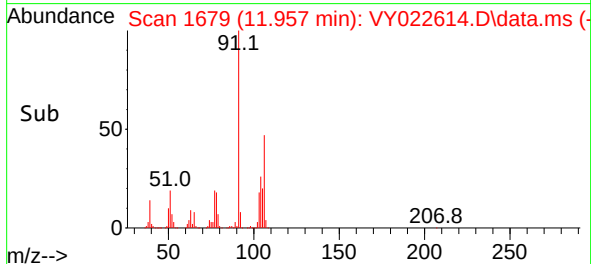
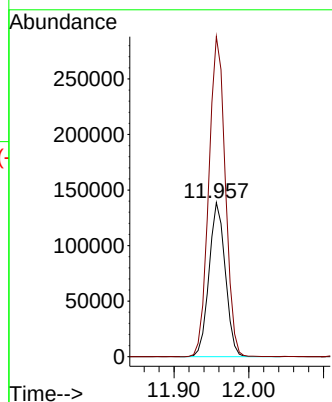
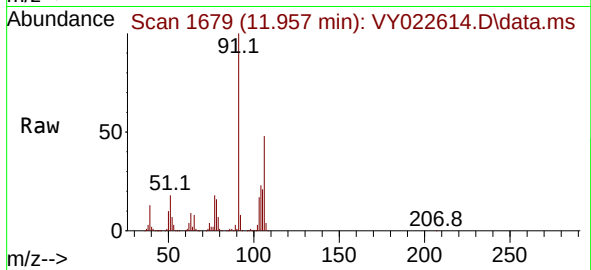




#69
o-Xylene
Concen: 52.589 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

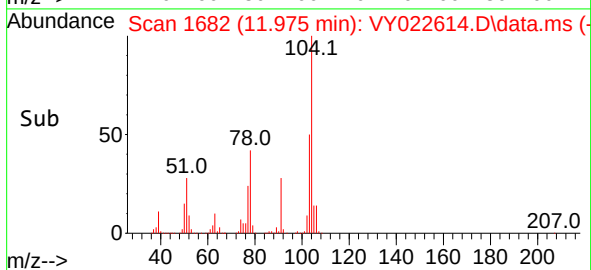
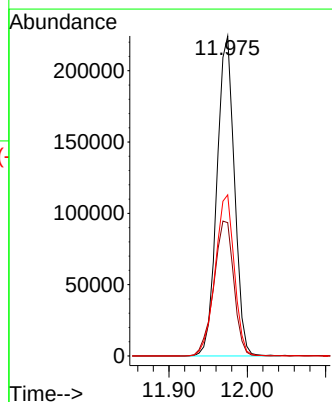
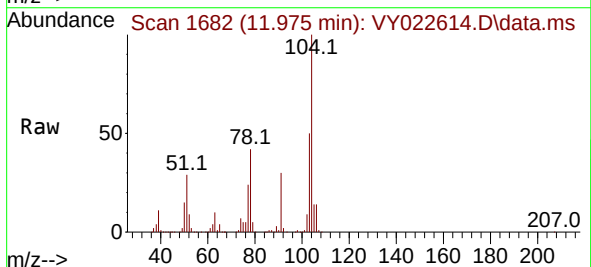
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

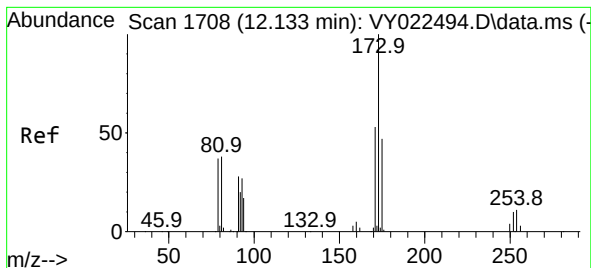
Tgt Ion:106 Resp: 209480
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.3



#70
Styrene
Concen: 52.980 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion:104 Resp: 348840
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 55.1 44.1 66.1





#71

Bromoform

Concen: 50.199 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

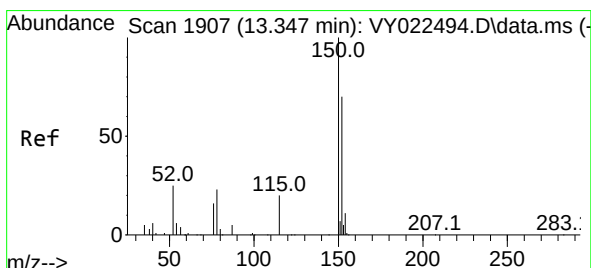
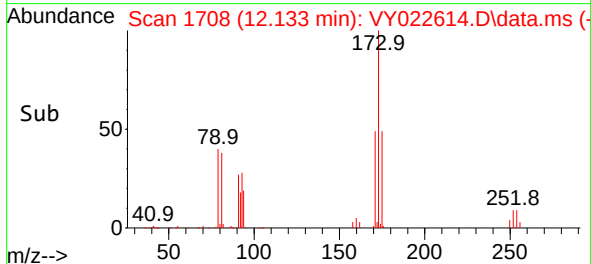
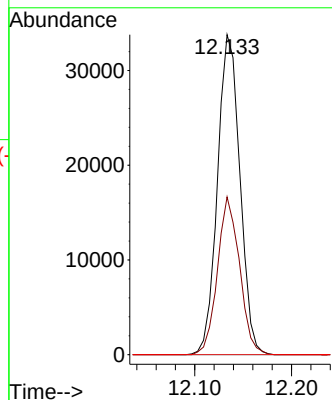
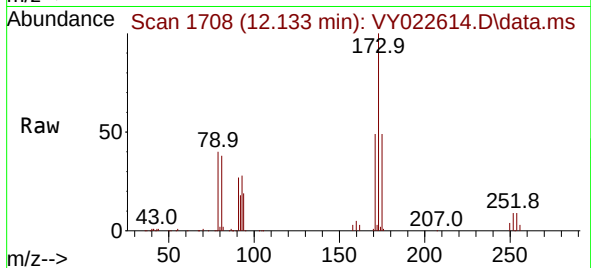
Tgt Ion:173 Resp: 54375

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

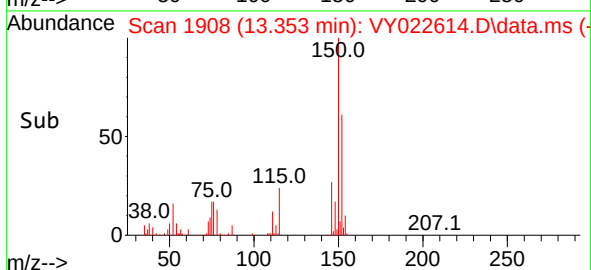
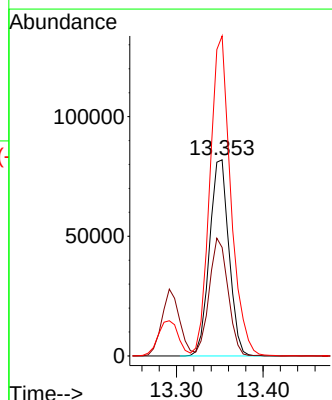
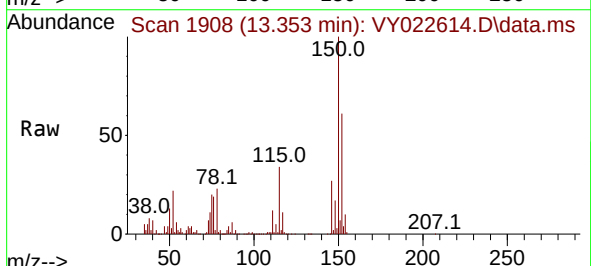
Tgt Ion:152 Resp: 127605

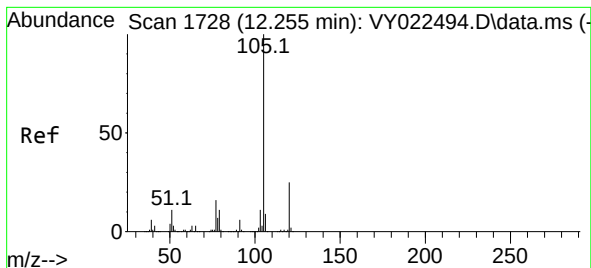
Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 175.1 0.0 349.6





#73

Isopropylbenzene

Concen: 52.260 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

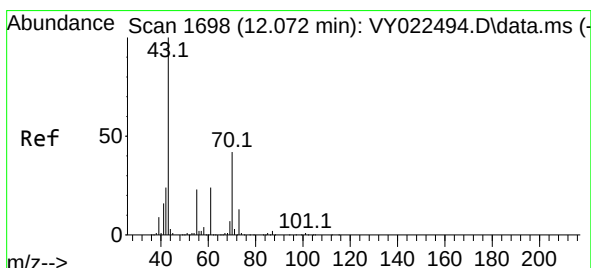
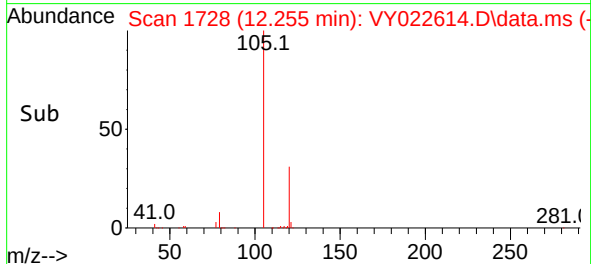
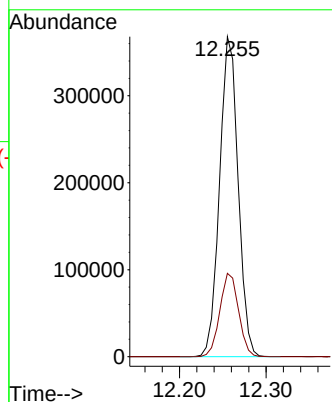
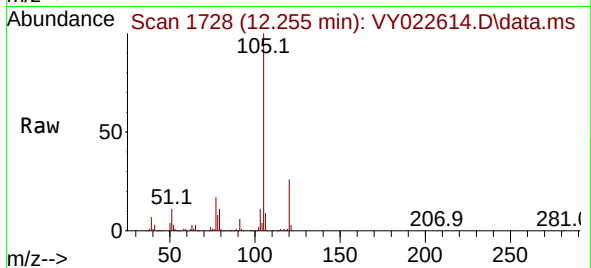
VSTDCCC050

Tgt Ion:105 Resp: 547490

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 48.085 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Tgt Ion: 43 Resp: 127108

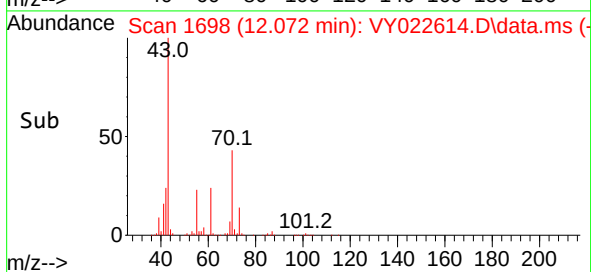
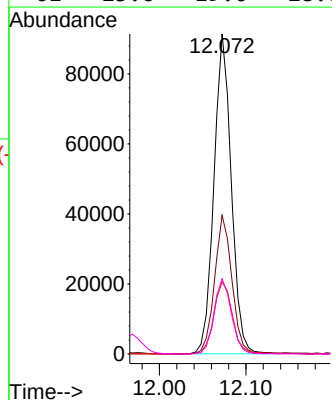
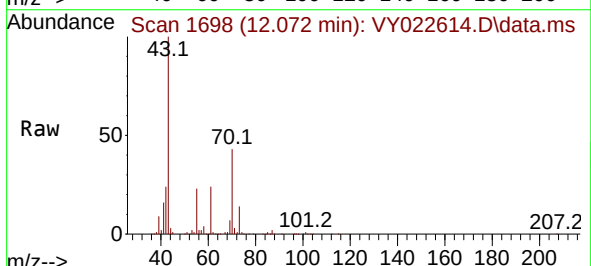
Ion Ratio Lower Upper

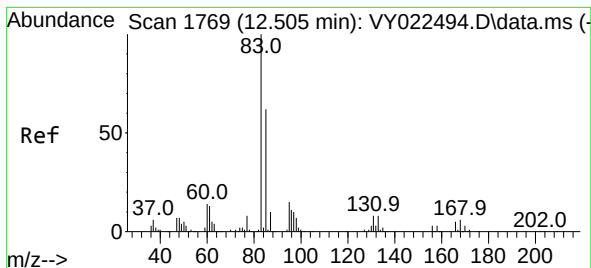
43 100

70 43.3 34.2 51.2

55 24.2 18.2 27.4

61 23.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.975 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

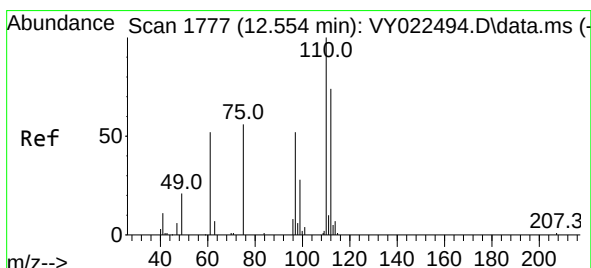
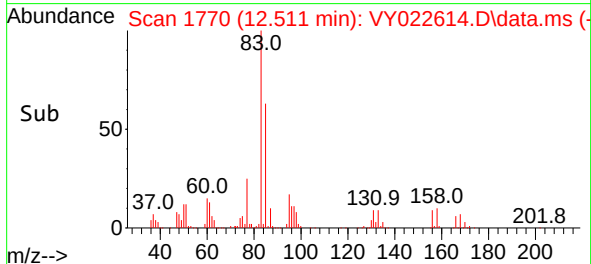
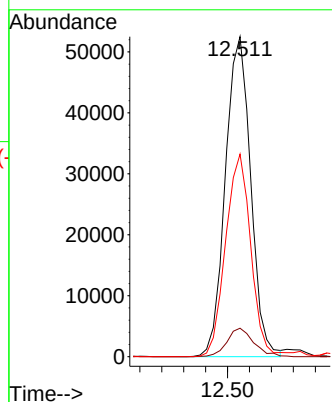
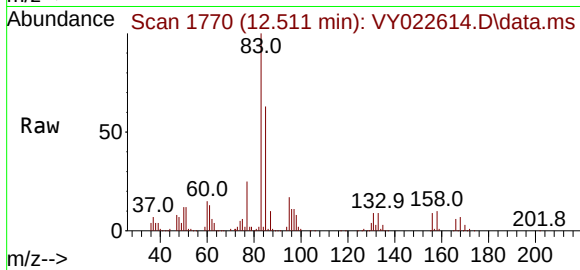
Tgt Ion: 83 Resp: 84210

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

85 63.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 83.395 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022614.D

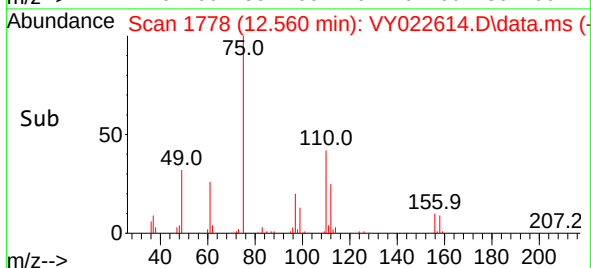
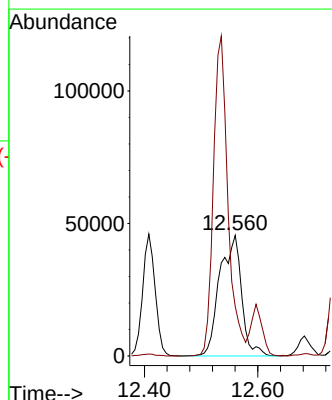
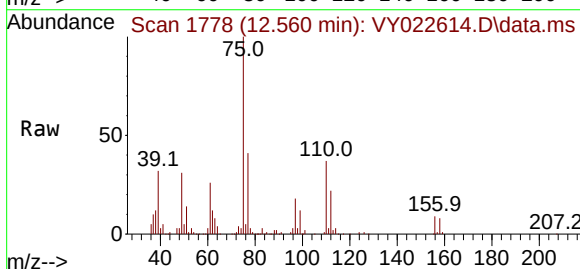
Acq: 09 Jun 2025 08:24

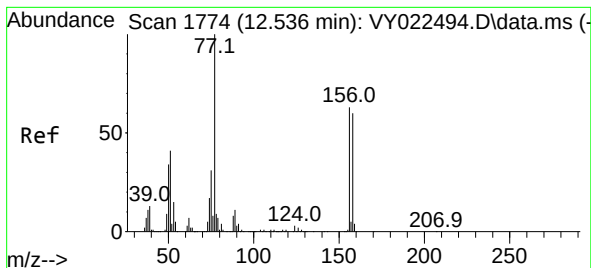
Tgt Ion: 75 Resp: 121744

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.178 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

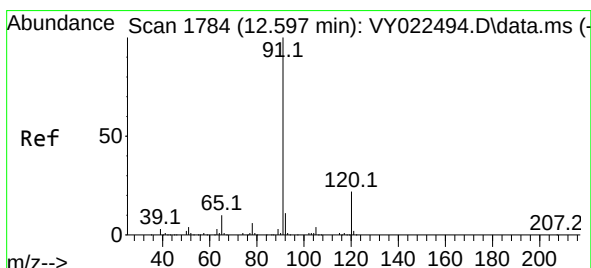
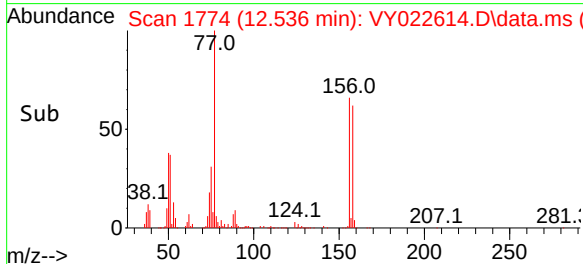
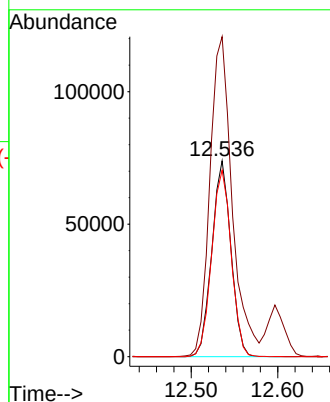
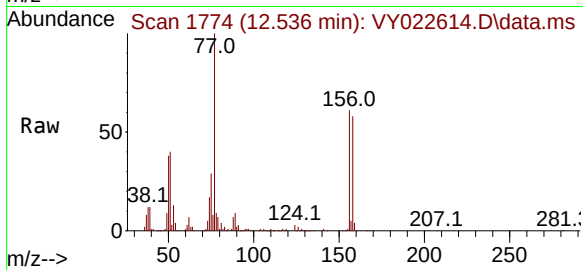
Tgt Ion:156 Resp: 113142

Ion Ratio Lower Upper

156 100

77 190.5 94.0 282.1

158 97.6 48.2 144.6



#78

n-propylbenzene

Concen: 52.223 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022614.D

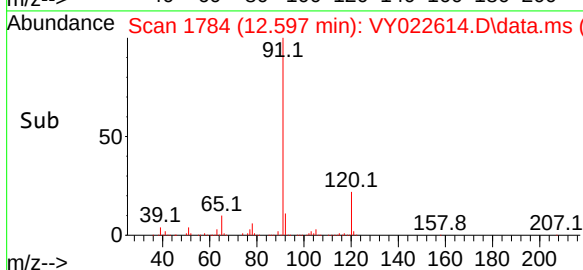
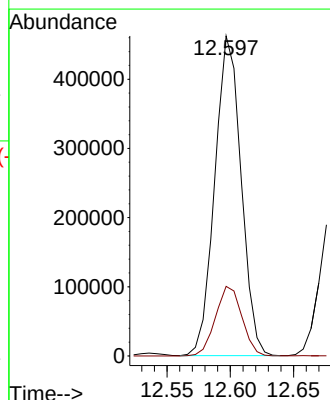
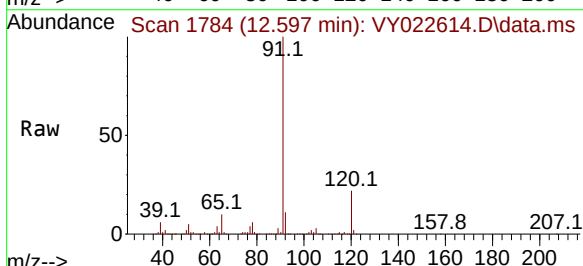
Acq: 09 Jun 2025 08:24

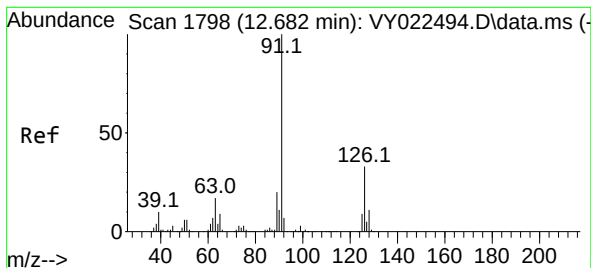
Tgt Ion: 91 Resp: 668237

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 51.991 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

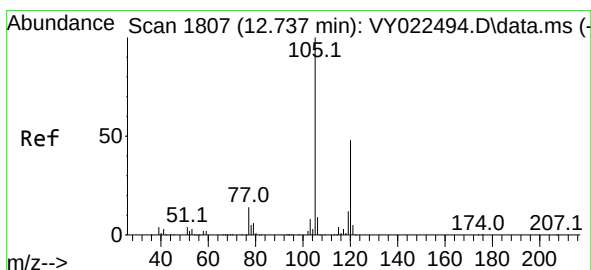
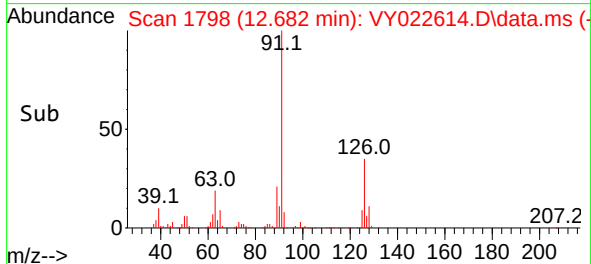
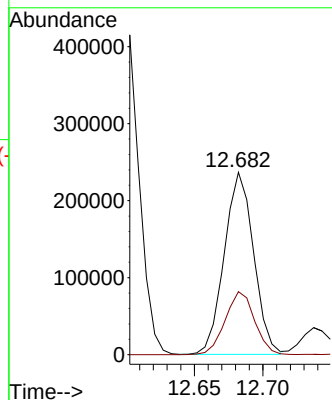
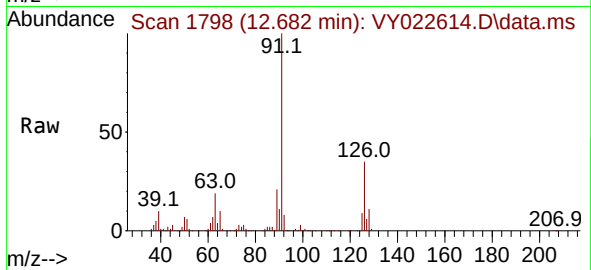
VSTDCCC050

Tgt Ion: 91 Resp: 352593

Ion Ratio Lower Upper

91 100

126 34.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.646 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022614.D

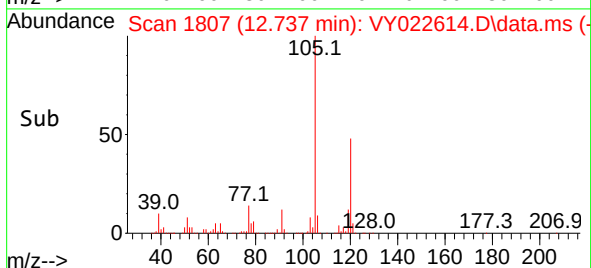
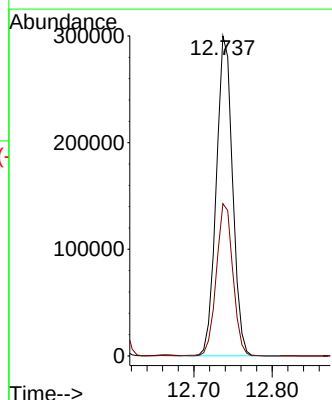
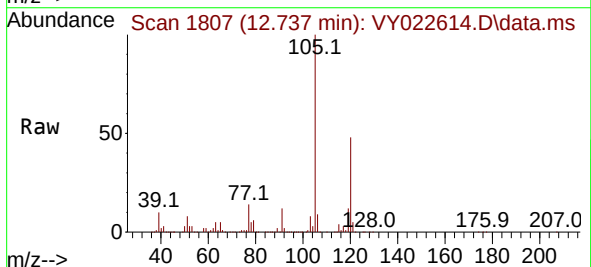
Acq: 09 Jun 2025 08:24

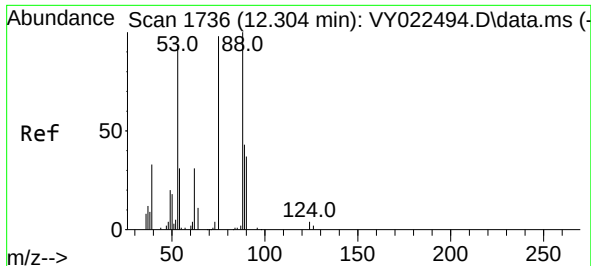
Tgt Ion: 105 Resp: 433004

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4

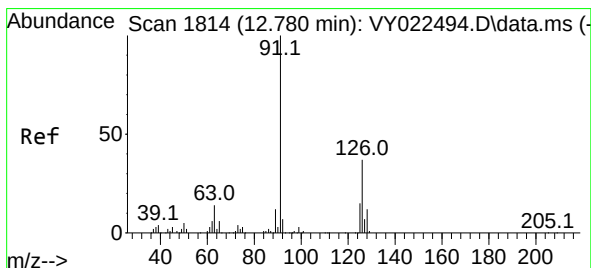
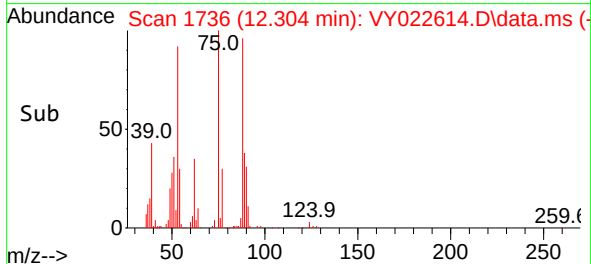
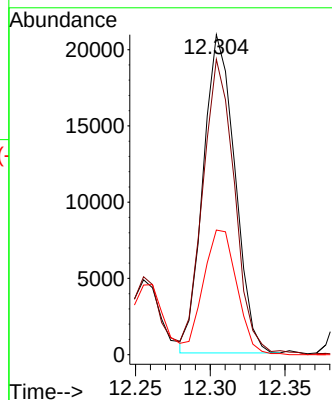
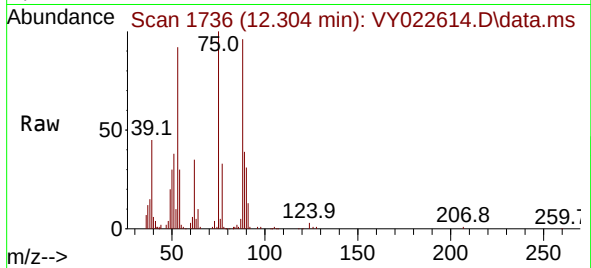




#81
trans-1,4-Dichloro-2-butene
Concen: 50.866 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

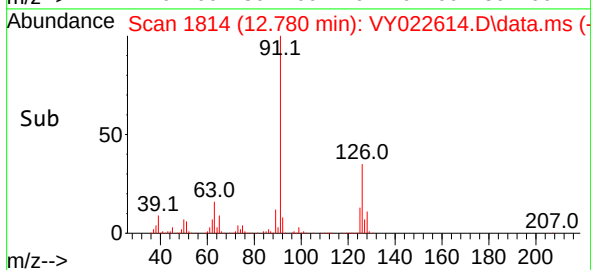
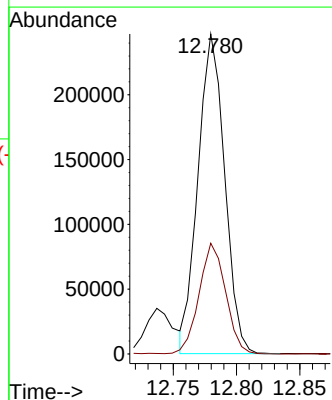
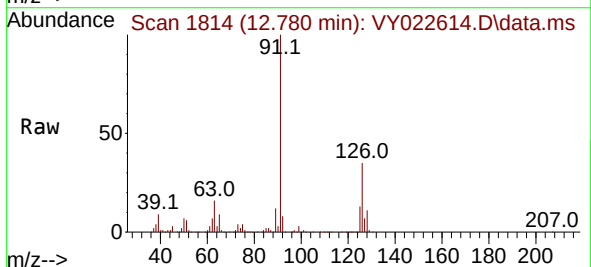
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

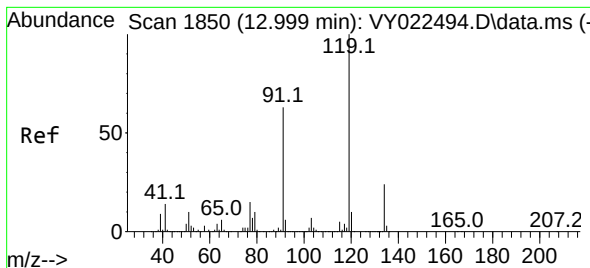
Tgt Ion: 75 Resp: 30749
Ion Ratio Lower Upper
75 100
53 93.5 78.5 117.7
89 41.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.676 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022614.D
Acq: 09 Jun 2025 08:24

Tgt Ion: 91 Resp: 361533
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.977 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

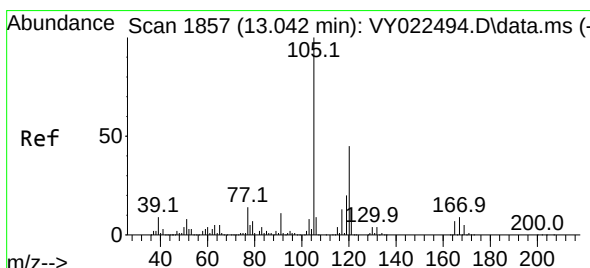
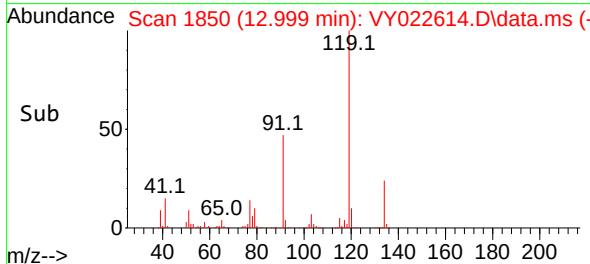
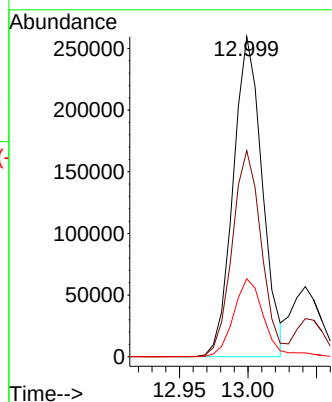
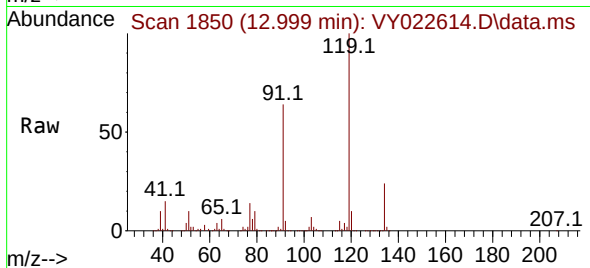
Tgt Ion:119 Resp: 383692

Ion Ratio Lower Upper

119 100

91 65.4 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.195 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022614.D

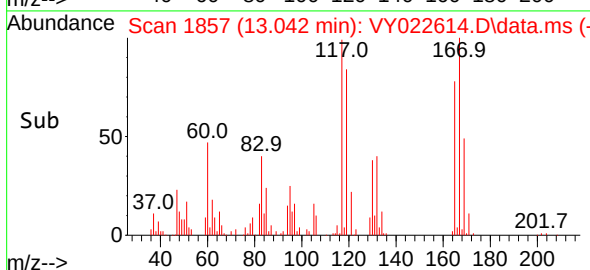
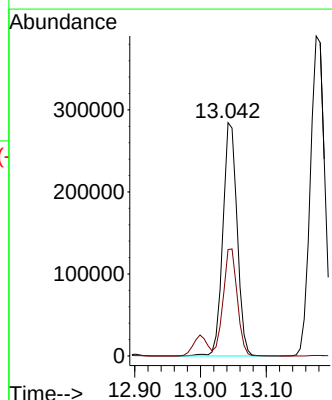
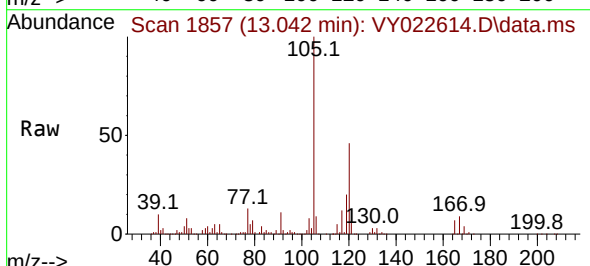
Acq: 09 Jun 2025 08:24

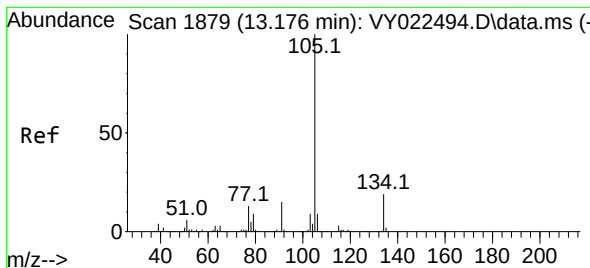
Tgt Ion:105 Resp: 429366

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.519 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

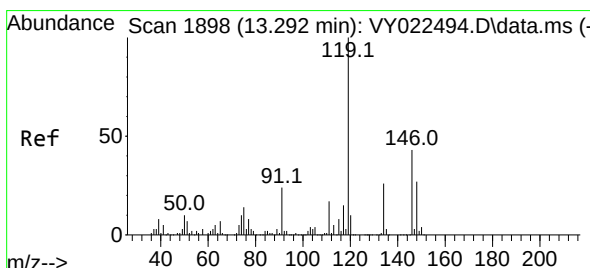
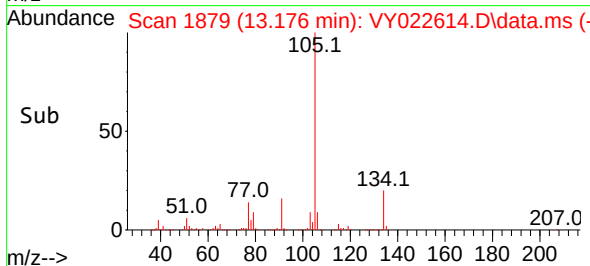
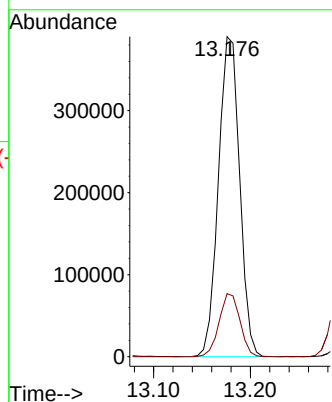
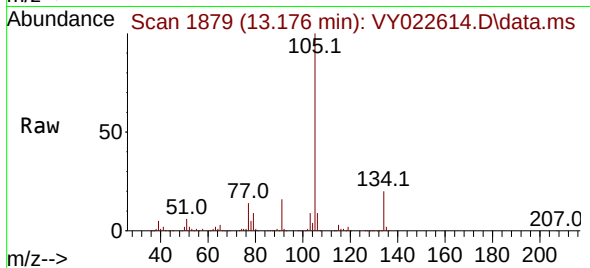
VSTDCCC050

Tgt Ion:105 Resp: 593762

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.931 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

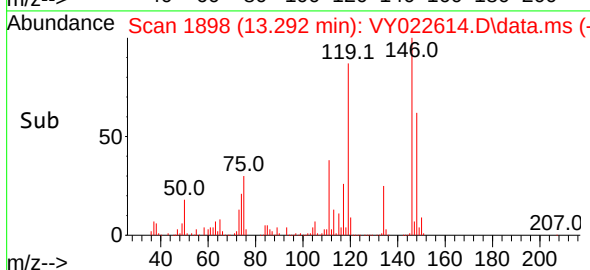
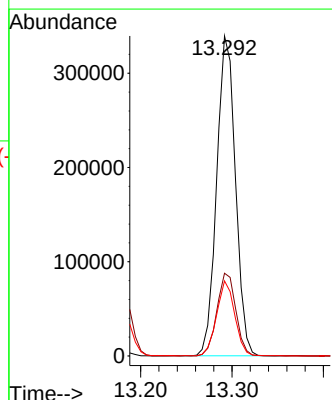
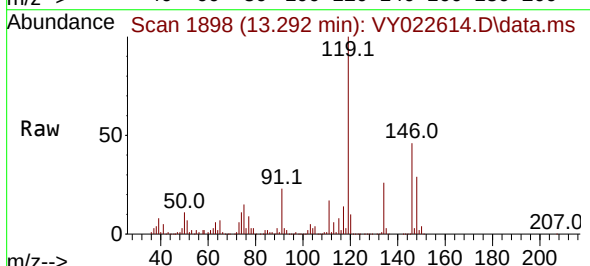
Tgt Ion:119 Resp: 483951

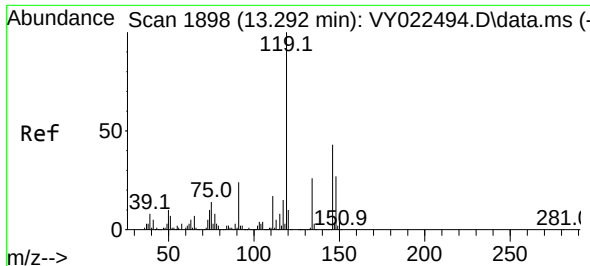
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.950 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

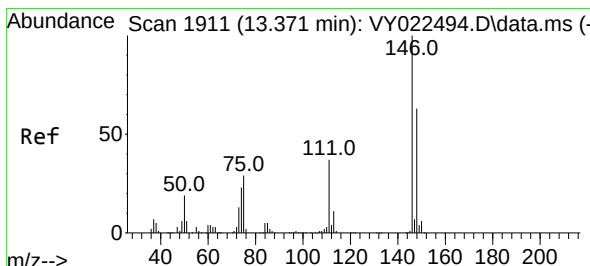
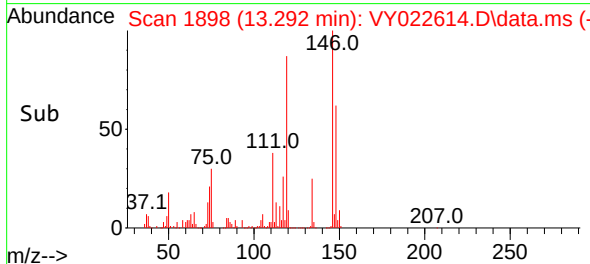
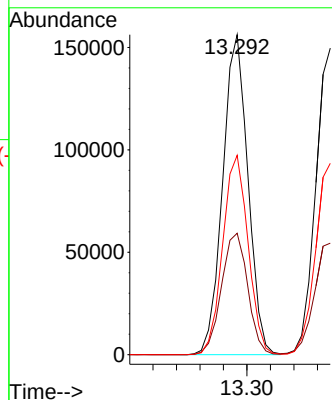
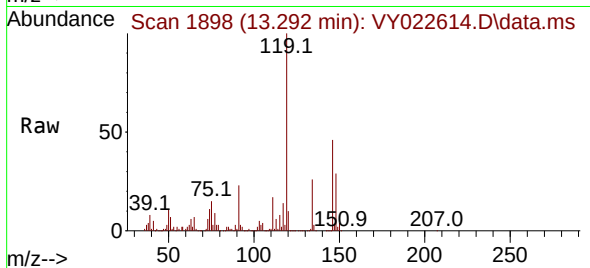
Tgt Ion:146 Resp: 232694

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

148 62.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.822 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

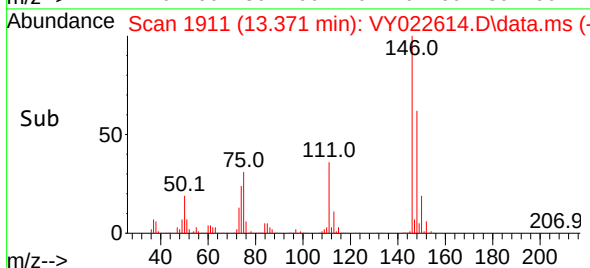
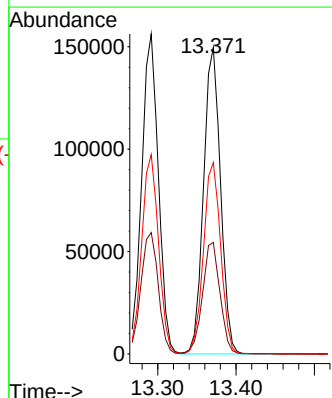
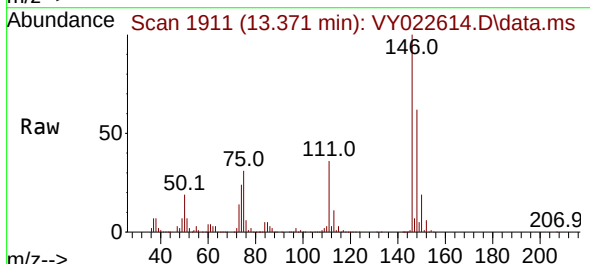
Tgt Ion:146 Resp: 225139

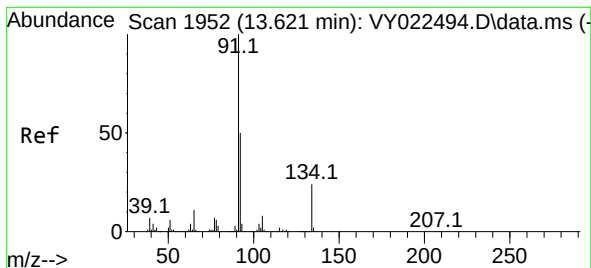
Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.2

148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 52.982 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

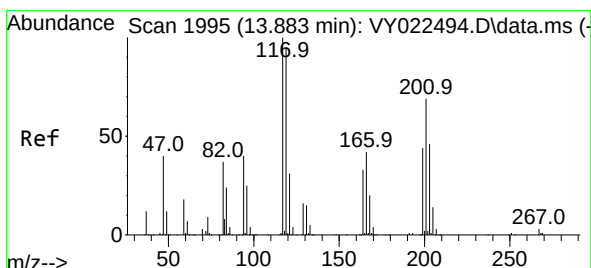
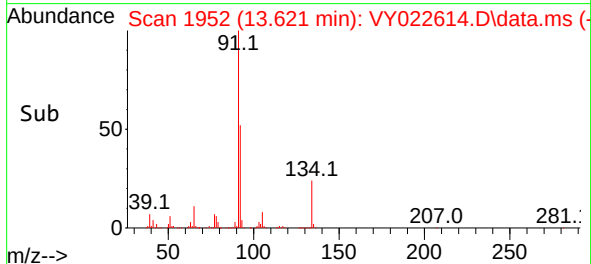
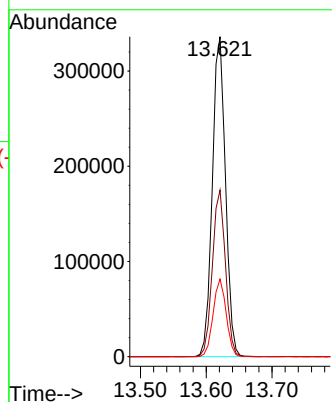
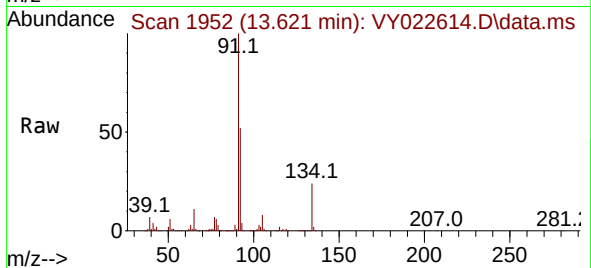
Tgt Ion: 91 Resp: 468446

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 52.317 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022614.D

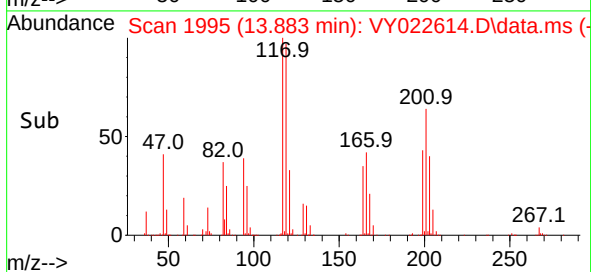
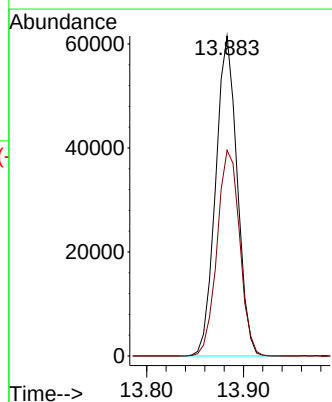
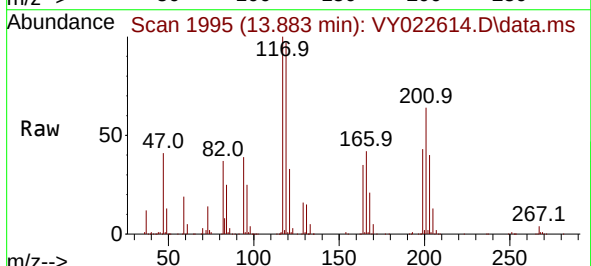
Acq: 09 Jun 2025 08:24

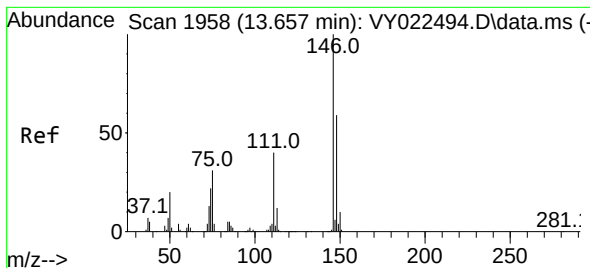
Tgt Ion: 117 Resp: 94917

Ion Ratio Lower Upper

117 100

201 67.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 51.640 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

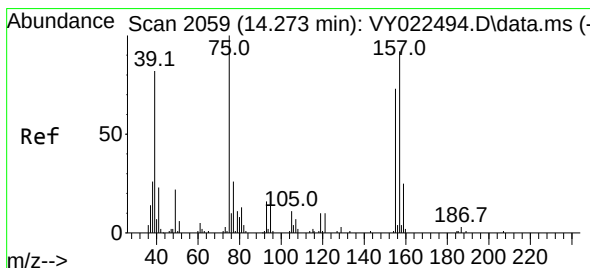
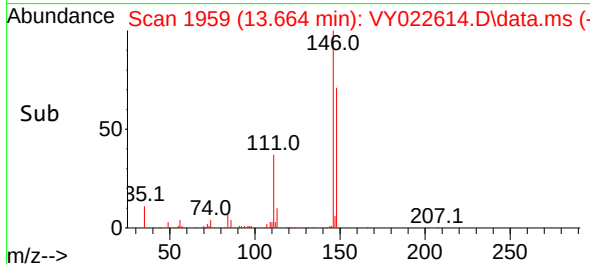
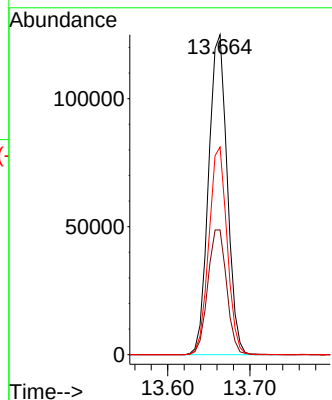
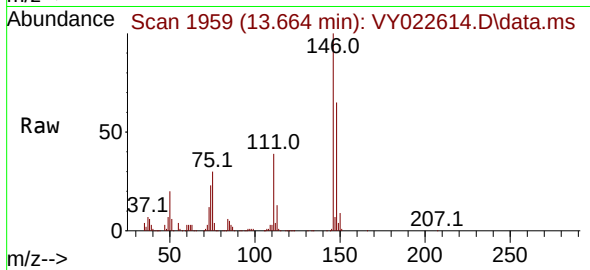
Tgt Ion:146 Resp: 196386

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.6

148 63.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.356 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

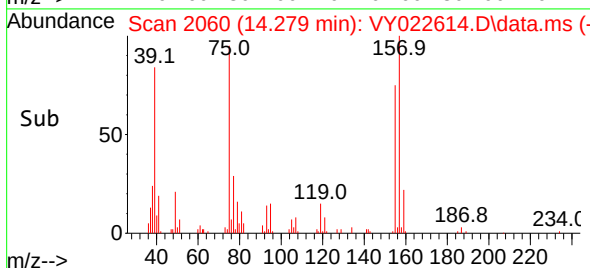
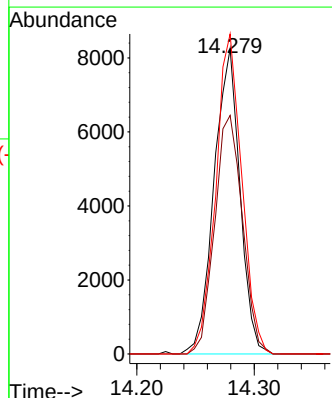
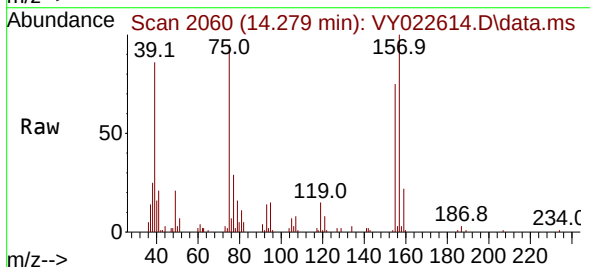
Tgt Ion: 75 Resp: 12606

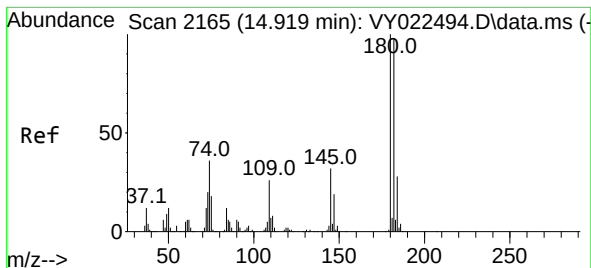
Ion Ratio Lower Upper

75 100

155 83.8 39.9 119.6

157 105.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 51.326 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

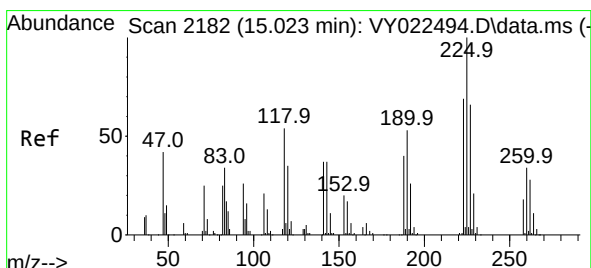
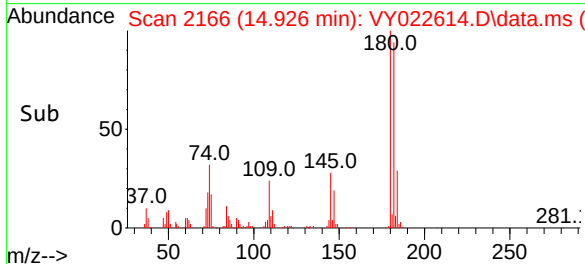
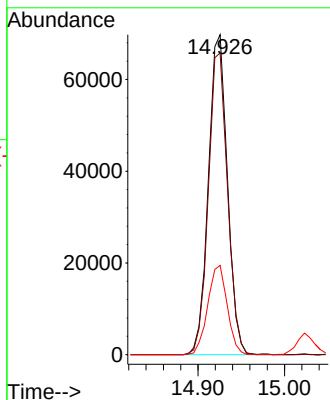
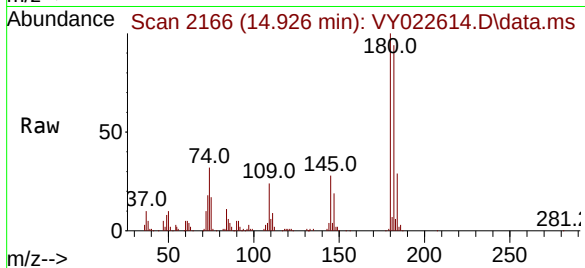
Tgt Ion:180 Resp: 106457

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.3

145 28.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 51.217 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

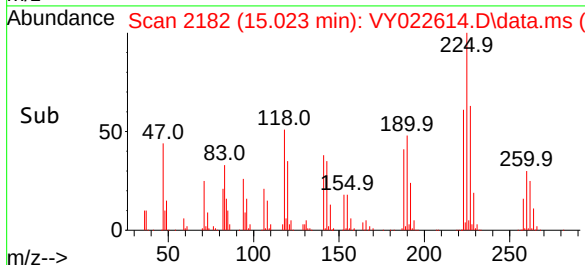
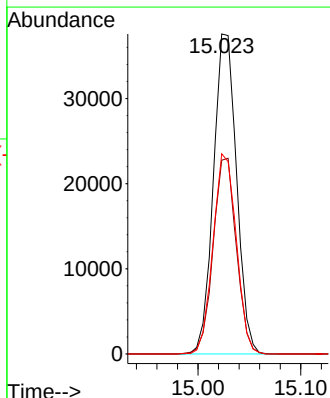
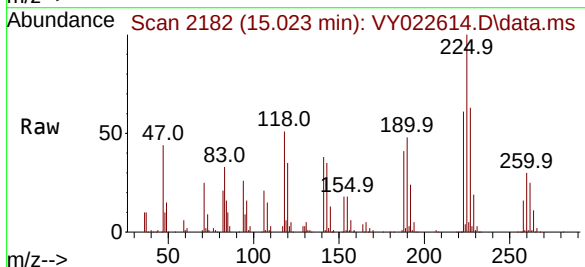
Tgt Ion:225 Resp: 58632

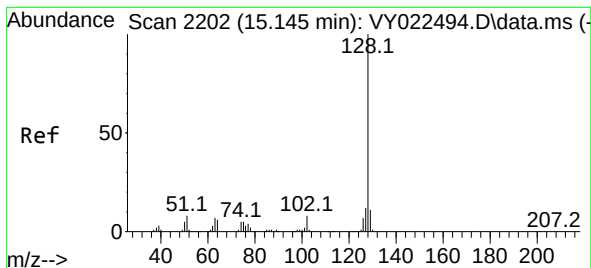
Ion Ratio Lower Upper

225 100

223 61.3 32.5 97.4

227 63.0 32.3 96.9





#95

Naphthalene

Concen: 48.476 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

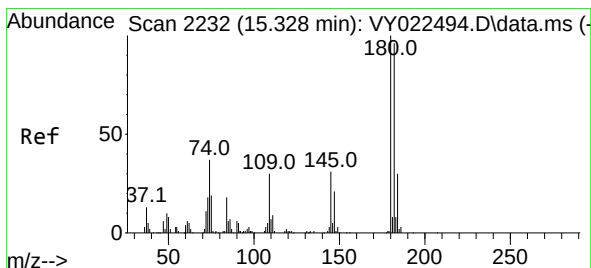
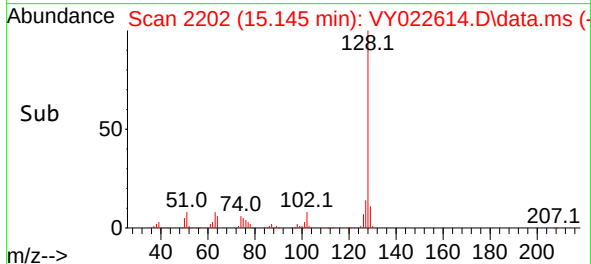
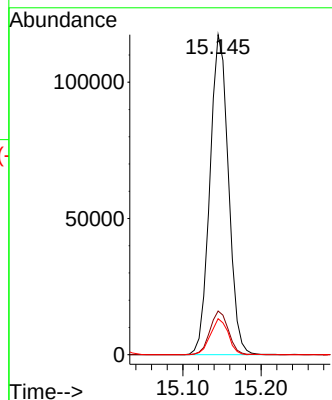
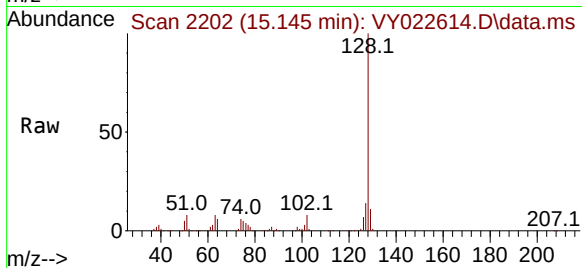
Tgt Ion:128 Resp: 192950

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.041 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022614.D

Acq: 09 Jun 2025 08:24

Tgt Ion:180 Resp: 87173

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.3

145 30.6 15.2 45.6

