

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022682.D
 Acq On : 13 Jun 2025 08:36
 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 14 01:59:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	151653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	255618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	216521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	104128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87522	51.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.634	113	80263	52.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.103	98	330650	53.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.402	95	94797	51.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	62579	46.090	ug/l	96
3) Chloromethane	2.068	50	182086	45.395	ug/l	99
4) Vinyl Chloride	2.202	62	271305	58.305	ug/l	99
5) Bromomethane	2.592	94	210582	47.216	ug/l	99
6) Chloroethane	2.733	64	194674	60.952	ug/l	97
7) Trichlorofluoromethane	3.050	101	249178	63.079	ug/l	98
8) Diethyl Ether	3.452	74	46733	52.532	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.806	101	89162	53.591	ug/l	99
10) Methyl Iodide	4.001	142	94415	52.439	ug/l	99
11) Tert butyl alcohol	4.860	59	31351	258.789	ug/l	99
12) 1,1-Dichloroethene	3.787	96	83956	52.792	ug/l	98
13) Acrolein	3.653	56	15350	101.671	ug/l	98
14) Allyl chloride	4.385	41	127274	50.979	ug/l	98
15) Acrylonitrile	5.061	53	99461	263.987	ug/l	99
16) Acetone	3.867	43	97998	284.494	ug/l	95
17) Carbon Disulfide	4.104	76	254112	49.909	ug/l	98
18) Methyl Acetate	4.385	43	53589	52.536	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	233864	52.210	ug/l	100
20) Methylene Chloride	4.610	84	97843	50.005	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	94520	53.104	ug/l	97
22) Diisopropyl ether	6.012	45	297428	53.521	ug/l	99
23) Vinyl Acetate	5.958	43	842670	256.196	ug/l	100
24) 1,1-Dichloroethane	5.915	63	179967	54.971	ug/l	99
25) 2-Butanone	6.896	43	133557	268.797	ug/l	98
26) 2,2-Dichloropropane	6.884	77	160199	55.382	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	113183	55.016	ug/l	99
28) Bromochloromethane	7.238	49	70717	49.553	ug/l	96
29) Tetrahydrofuran	7.262	42	83400	260.246	ug/l	99
30) Chloroform	7.415	83	180977	55.811	ug/l	94
31) Cyclohexane	7.701	56	155192	47.616	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	159762	55.500	ug/l	99
36) 1,1-Dichloropropene	7.835	75	134242	54.211	ug/l	100
37) Ethyl Acetate	6.982	43	57266	51.858	ug/l	98
38) Carbon Tetrachloride	7.817	117	138512	54.526	ug/l	99
39) Methylcyclohexane	9.109	83	169458	50.923	ug/l	99
40) Benzene	8.079	78	402266	55.001	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	35763	55.444	ug/l	95
42) 1,2-Dichloroethane	8.152	62	108187	54.175	ug/l	100
43) Isopropyl Acetate	8.195	43	123902	51.951	ug/l	100
44) Trichloroethene	8.866	130	98633	55.178	ug/l	97
45) 1,2-Dichloropropane	9.140	63	95069	55.001	ug/l	98
46) Dibromomethane	9.231	93	52869	54.367	ug/l	98
47) Bromodichloromethane	9.420	83	137129	55.613	ug/l	97
48) Methyl methacrylate	9.219	41	55474	49.560	ug/l	92
49) 1,4-Dioxane	9.225	88	12296	1067.313	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	320369	269.428	ug/l	97
52) Toluene	10.170	92	255646	55.620	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	124025	53.683	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	148237	55.120	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	69284	55.875	ug/l	97
56) Ethyl methacrylate	10.438	69	95573	53.328	ug/l	99
57) 1,3-Dichloropropane	10.719	76	119013	54.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	219786	270.111	ug/l	100
59) 2-Hexanone	10.762	43	217342	273.303	ug/l	99
60) Dibromochloromethane	10.908	129	87520	55.540	ug/l	100
61) 1,2-Dibromoethane	11.012	107	62605	55.394	ug/l	96
64) Tetrachloroethene	10.646	164	118091	63.403	ug/l	96
65) Chlorobenzene	11.438	112	265151	55.340	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	91217	56.514	ug/l	99
67) Ethyl Benzene	11.518	91	494780	55.675	ug/l	100
68) m/p-Xylenes	11.627	106	376068	111.628	ug/l	99
69) o-Xylene	11.957	106	176556	55.897	ug/l	99
70) Styrene	11.969	104	298147	57.104	ug/l	98
71) Bromoform	12.133	173	47241	55.000	ug/l #	100
73) Isopropylbenzene	12.255	105	462217	54.067	ug/l	99
74) N-amyl acetate	12.066	43	110486	51.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	68596	48.889	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	104190	87.462	ug/l #	100
77) Bromobenzene	12.530	156	97495	54.043	ug/l	98
78) n-propylbenzene	12.597	91	568674	54.463	ug/l	100
79) 2-Chlorotoluene	12.676	91	298783	53.990	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	363045	54.092	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	24763	50.200	ug/l	98
82) 4-Chlorotoluene	12.773	91	305072	53.438	ug/l	99
83) tert-Butylbenzene	12.999	119	328519	54.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	359745	53.591	ug/l	100
85) sec-Butylbenzene	13.176	105	499472	54.139	ug/l	100
86) p-Isopropyltoluene	13.292	119	413830	54.419	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	197253	53.966	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	193304	54.527	ug/l	99
89) n-Butylbenzene	13.615	91	397736	55.127	ug/l	99
90) Hexachloroethane	13.877	117	80641	54.470	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	171268	55.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11109	54.381	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	94634	55.913	ug/l	97
94) Hexachlorobutadiene	15.017	225	51273	54.886	ug/l	97
95) Naphthalene	15.145	128	174487	53.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	79694	54.942	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

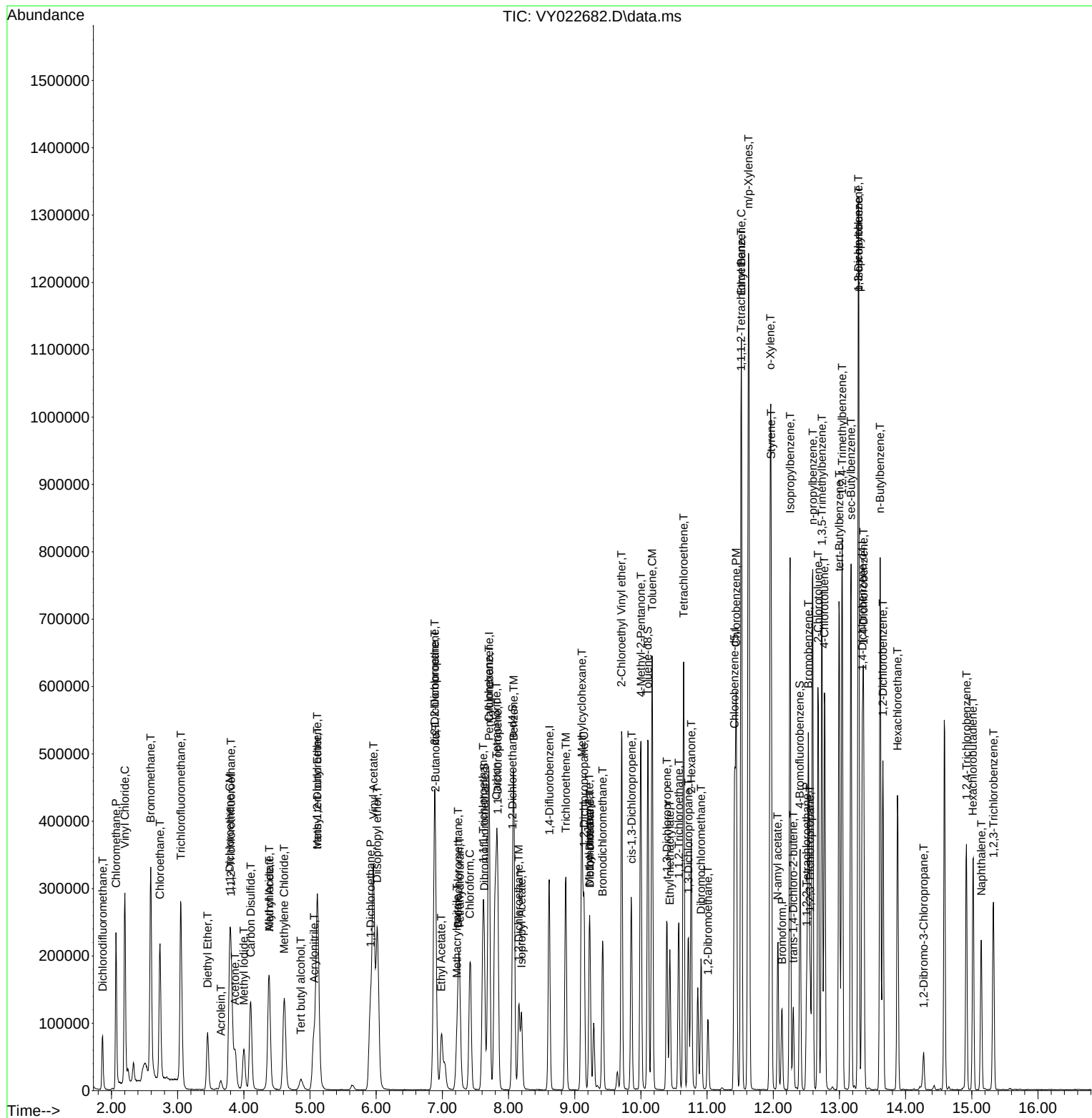
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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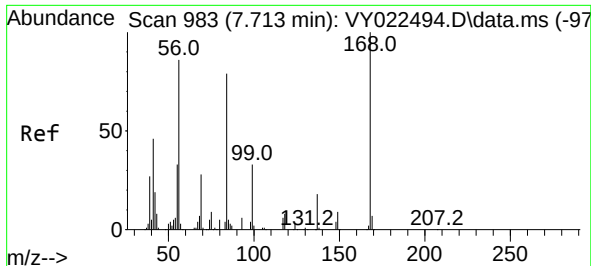
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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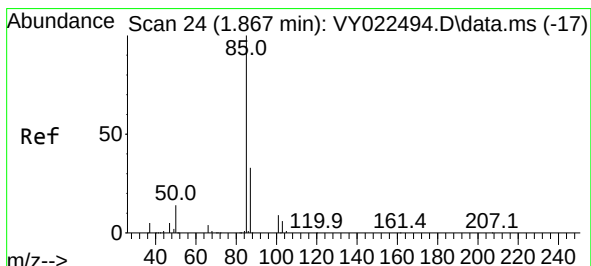
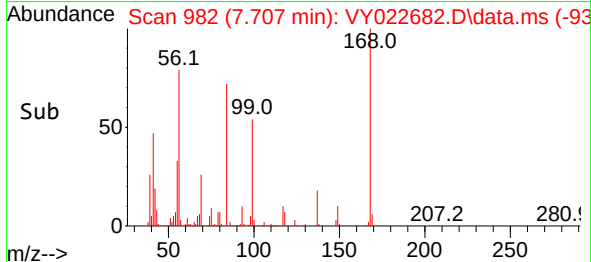
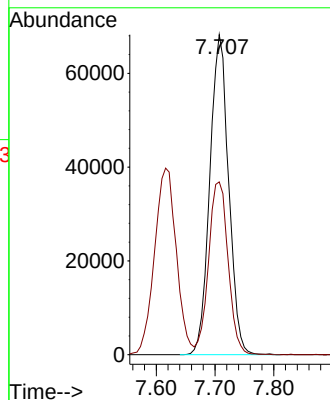
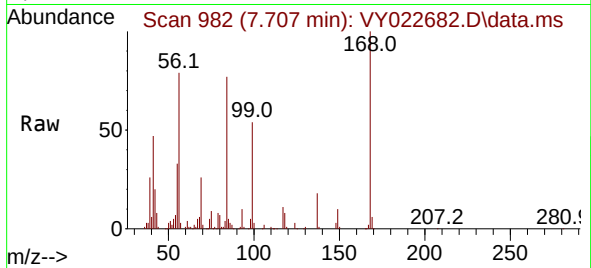




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022682.D
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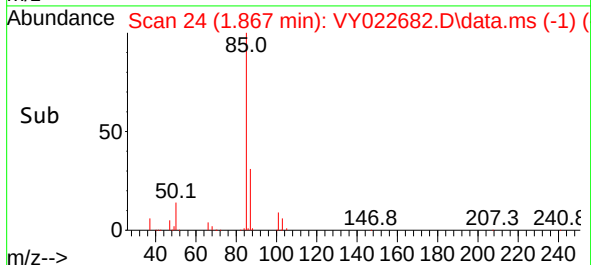
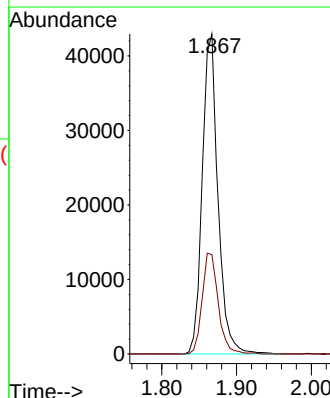
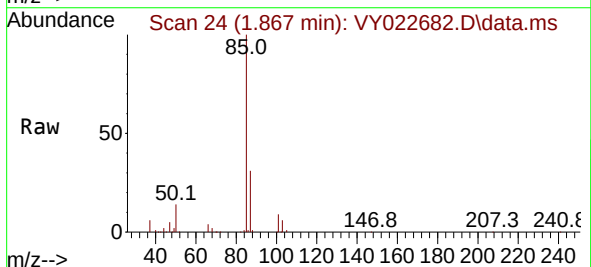
Instrument :
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ClientSampleId :
VSTDCCC050

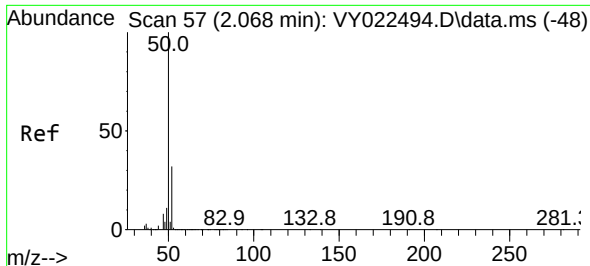
Tgt Ion:168 Resp: 151653
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 46.090 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 85 Resp: 62579
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.0

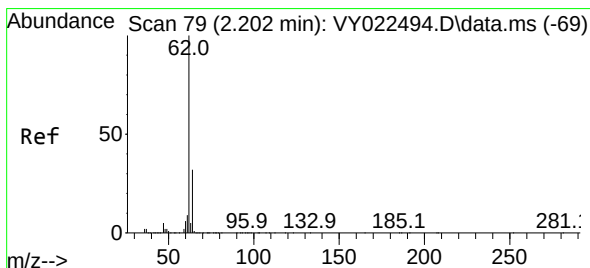
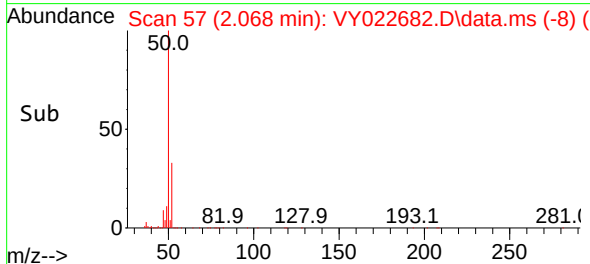
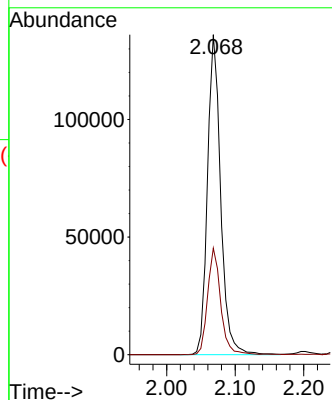
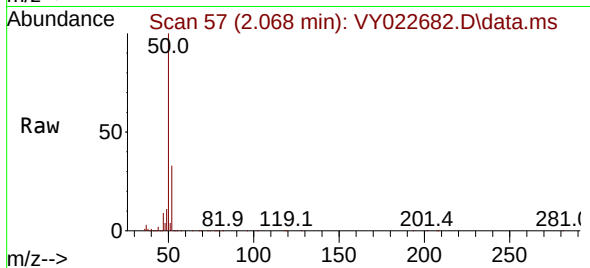




#3
Chloromethane
Concen: 45.395 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

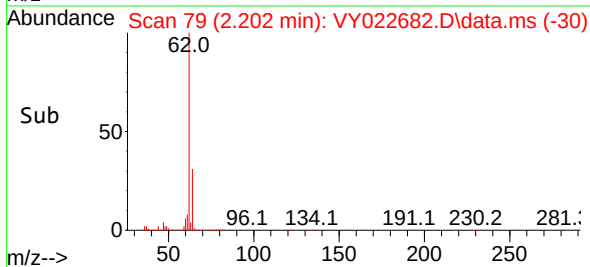
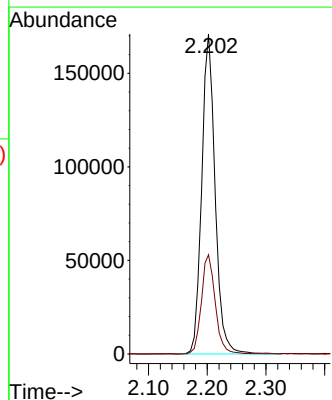
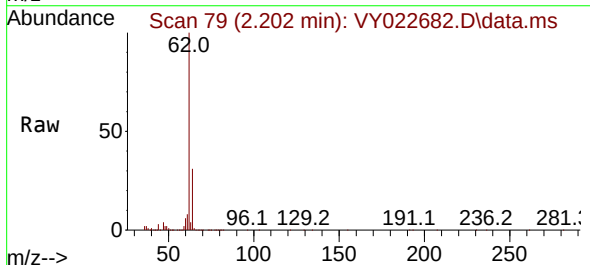
Instrument :
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ClientSampleId :
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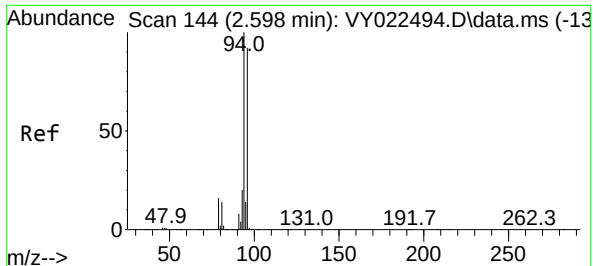
Tgt Ion: 50 Resp: 182086
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 58.305 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 62 Resp: 271305
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

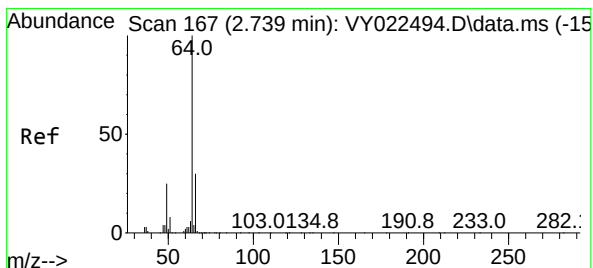
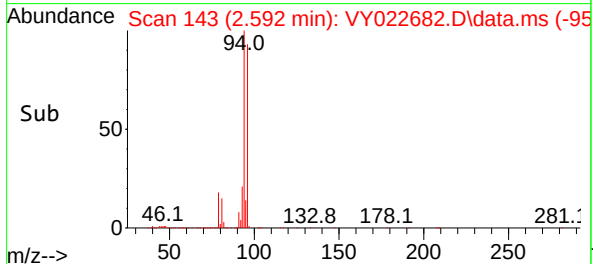
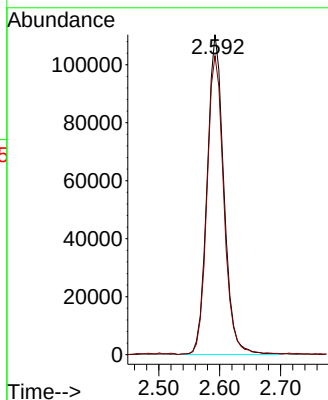
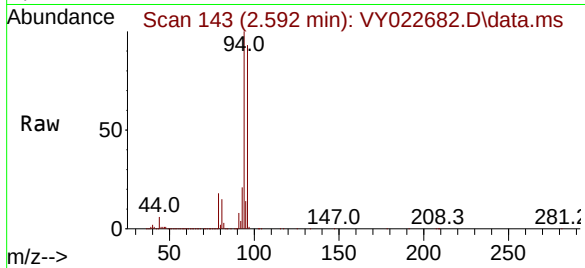




#5
Bromomethane
Concen: 47.216 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

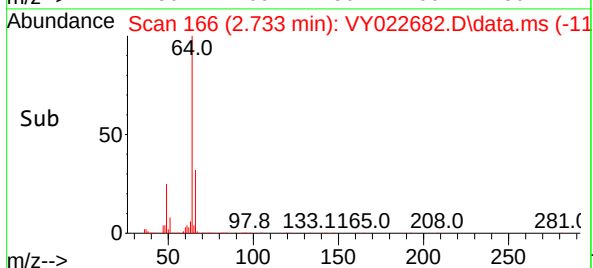
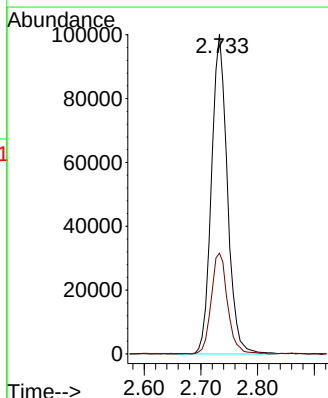
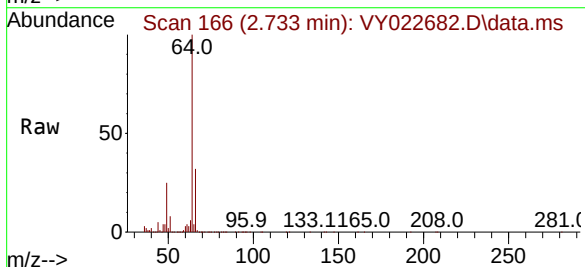
Instrument :
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ClientSampleId :
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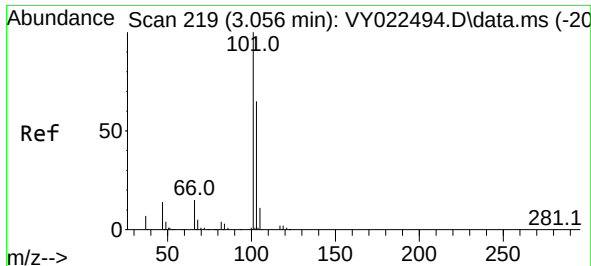
Tgt Ion: 94 Resp: 210582
Ion Ratio Lower Upper
94 100
96 93.4 74.0 111.0



#6
Chloroethane
Concen: 60.952 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 64 Resp: 194674
Ion Ratio Lower Upper
64 100
66 31.4 23.8 35.6

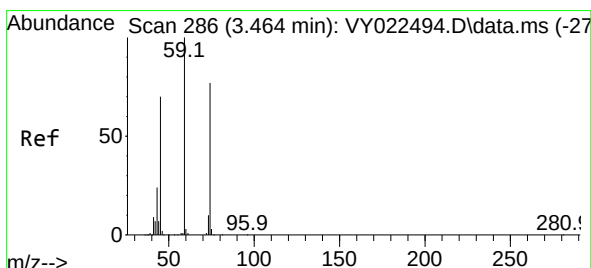
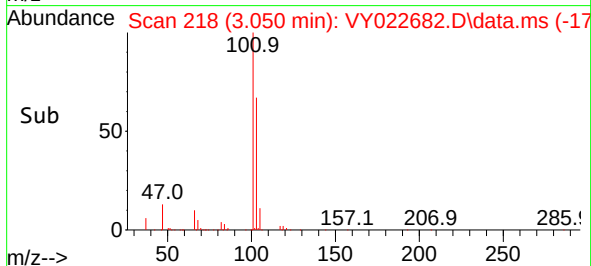
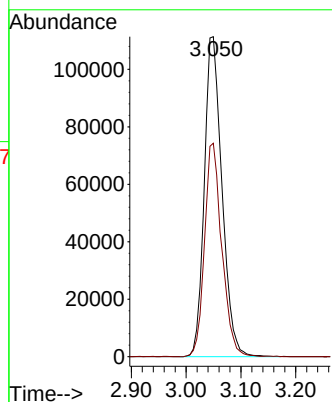
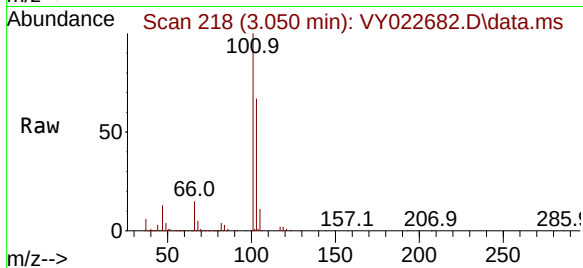




#7
Trichlorofluoromethane
Concen: 63.079 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

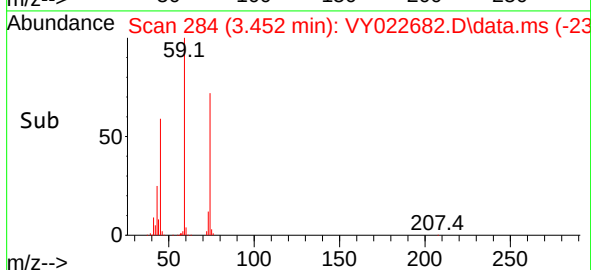
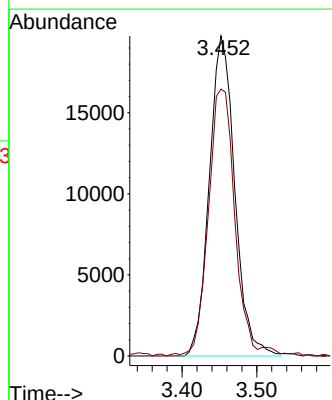
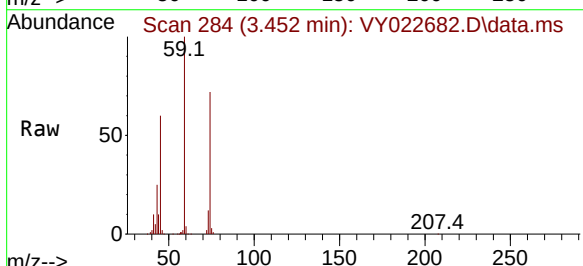
Instrument :
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ClientSampleId :
VSTDCCC050

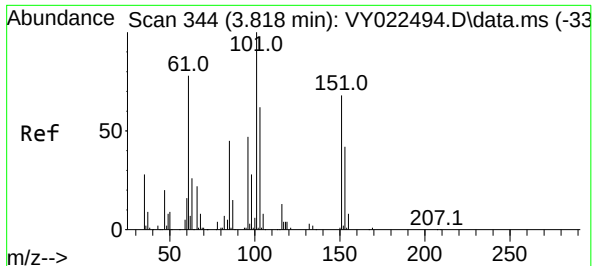
Tgt Ion:101 Resp: 249178
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.2



#8
Diethyl Ether
Concen: 52.532 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022682.D
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Tgt Ion: 74 Resp: 46733
Ion Ratio Lower Upper
74 100
45 87.3 45.9 137.6

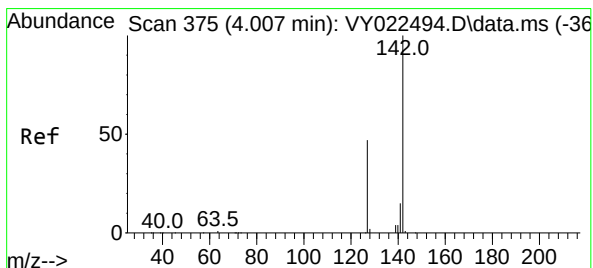
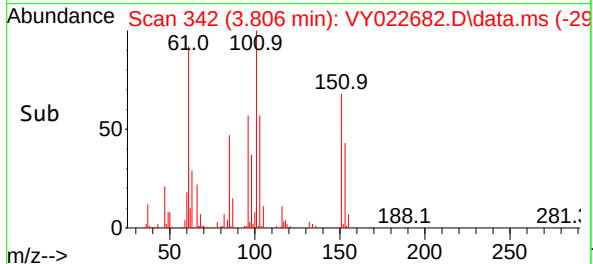
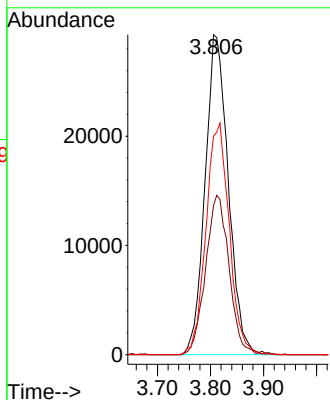
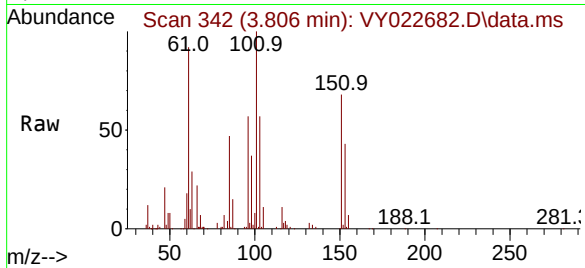




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.591 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

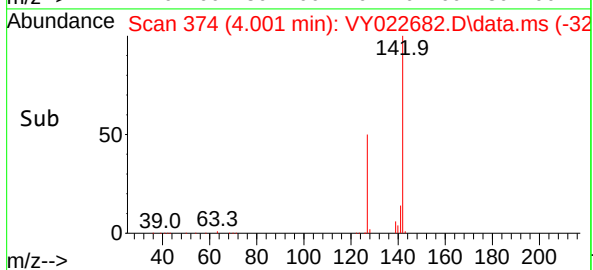
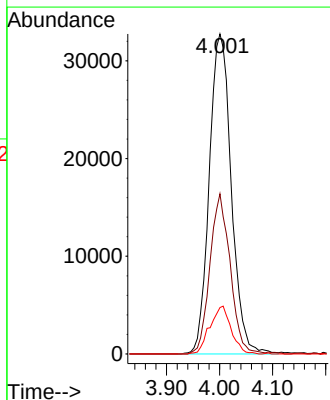
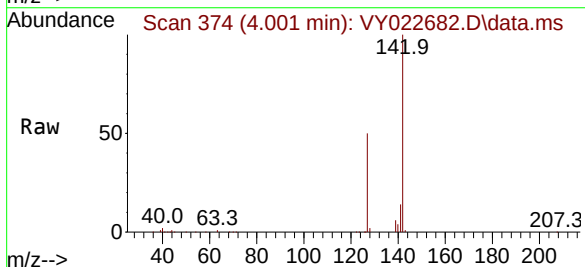
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

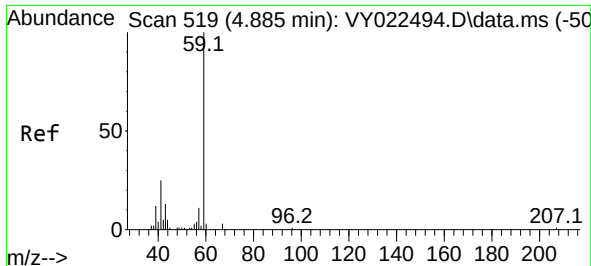
Tgt Ion:101 Resp: 89162
Ion Ratio Lower Upper
101 100
85 50.3 39.3 58.9
151 72.7 57.8 86.8



#10
Methyl Iodide
Concen: 52.439 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:142 Resp: 94415
Ion Ratio Lower Upper
142 100
127 46.0 37.1 55.7
141 14.4 11.4 17.2

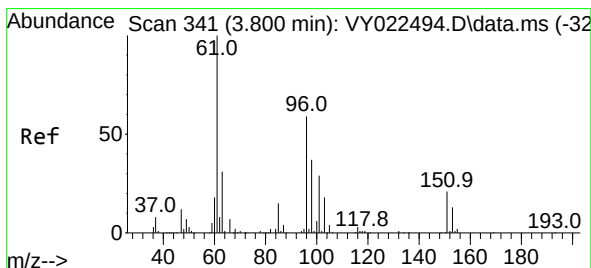
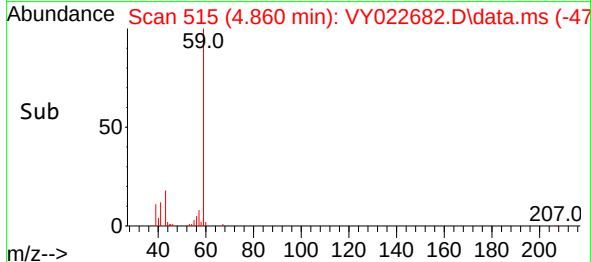
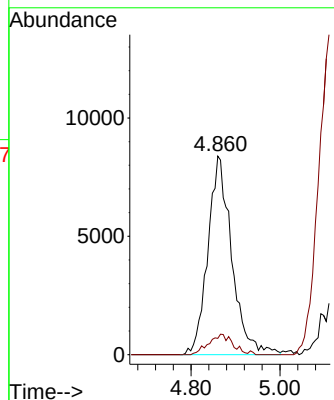
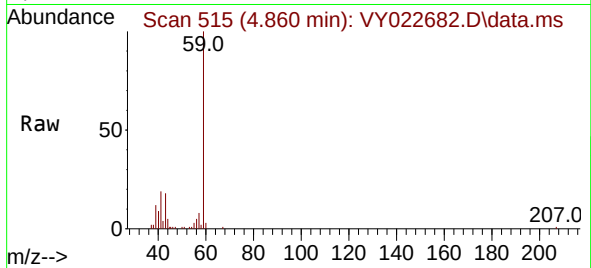




#11
Tert butyl alcohol
Concen: 258.789 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

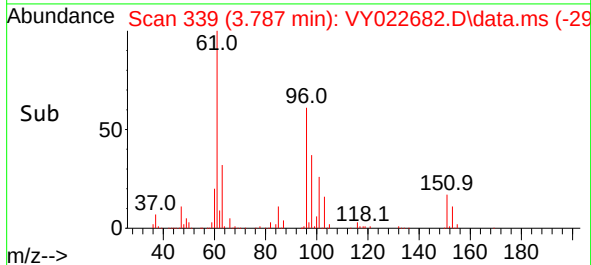
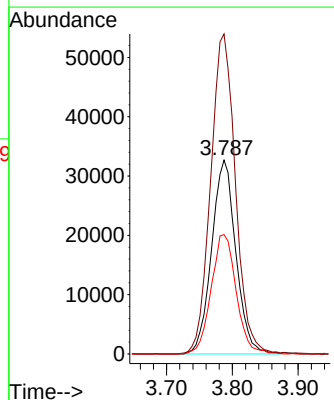
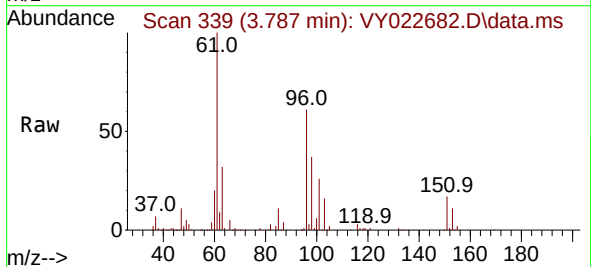
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

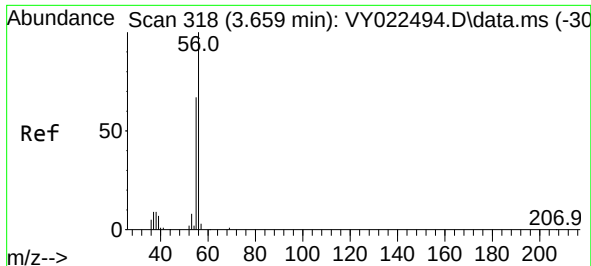
Tgt Ion: 59 Resp: 31351
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 52.792 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 96 Resp: 83956
Ion Ratio Lower Upper
96 100
61 164.9 134.6 201.8
98 61.6 50.2 75.4

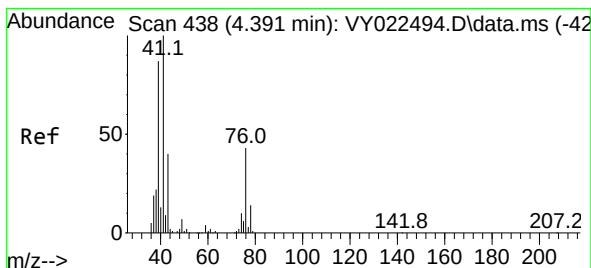
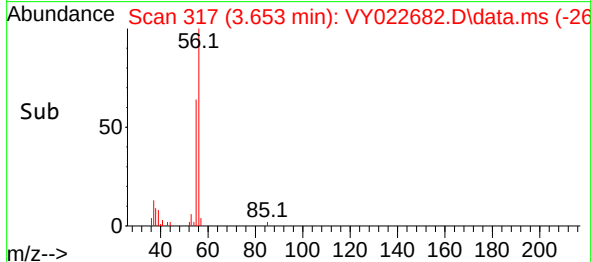
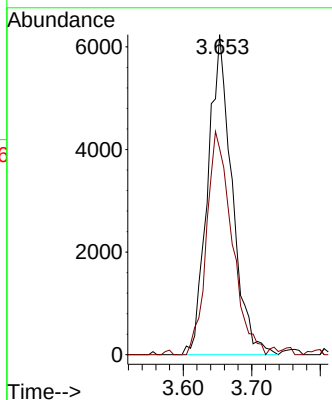
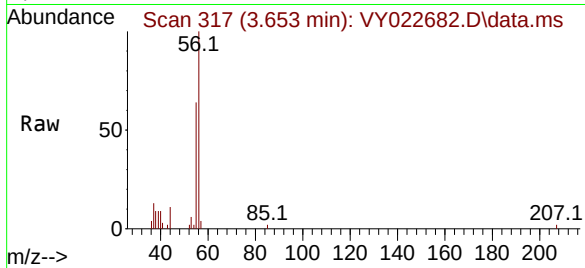




#13
Acrolein
Concen: 101.671 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

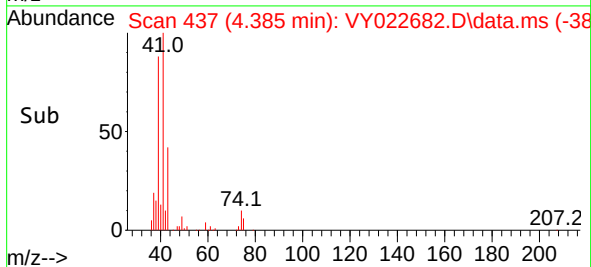
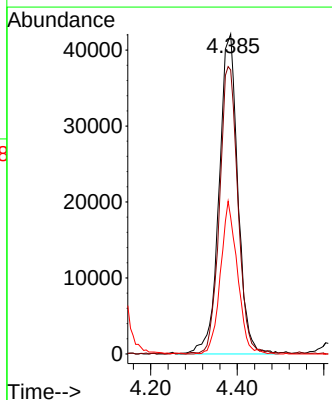
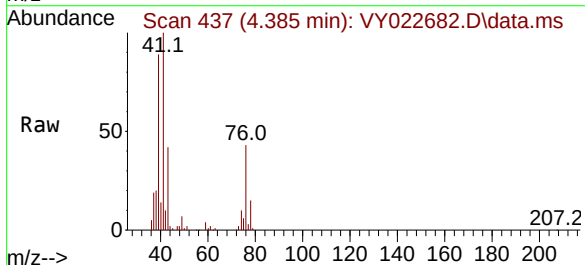
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

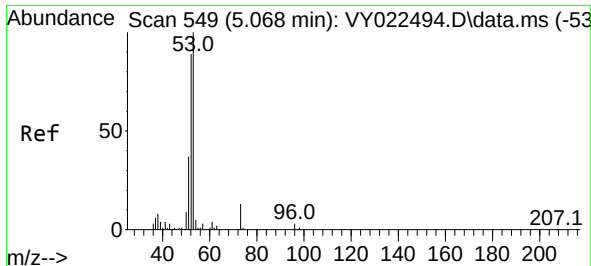
Tgt Ion: 56 Resp: 15350
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.6



#14
Allyl chloride
Concen: 50.979 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 41 Resp: 127274
Ion Ratio Lower Upper
41 100
39 88.3 69.1 103.7
76 43.1 33.5 50.3

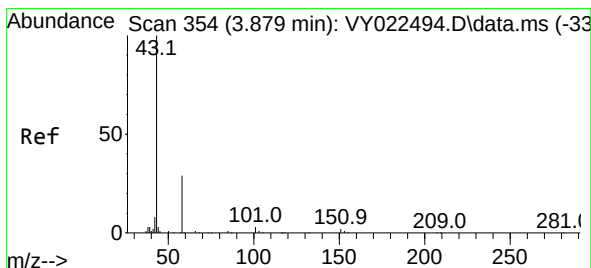
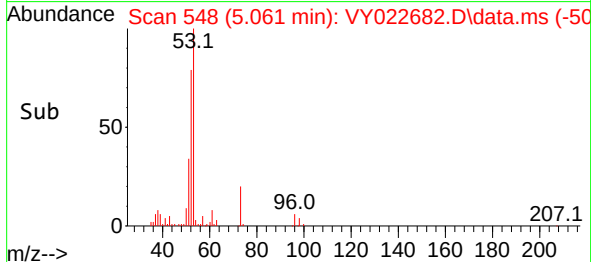
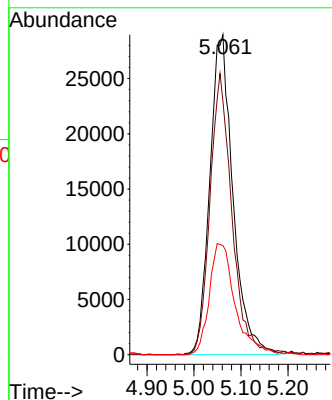
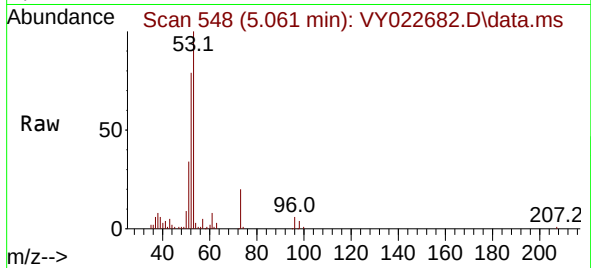




#15
Acrylonitrile
Concen: 263.987 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

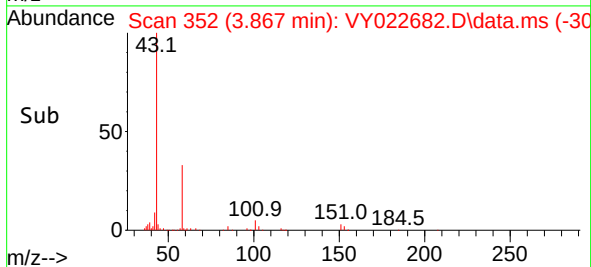
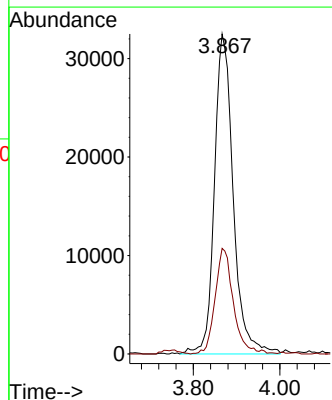
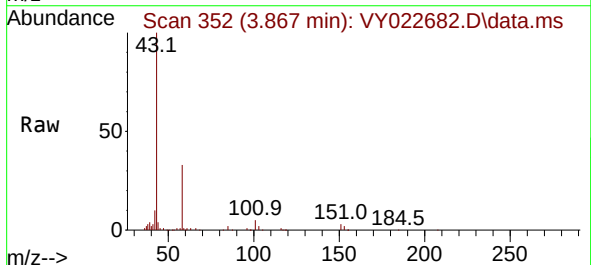
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

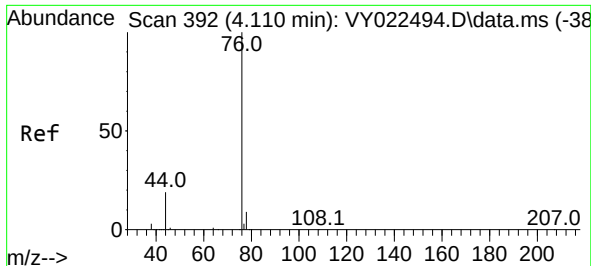
Tgt Ion: 53 Resp: 99461
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 38.5 30.1 45.1



#16
Acetone
Concen: 284.494 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 43 Resp: 97998
Ion Ratio Lower Upper
43 100
58 32.6 24.0 36.0

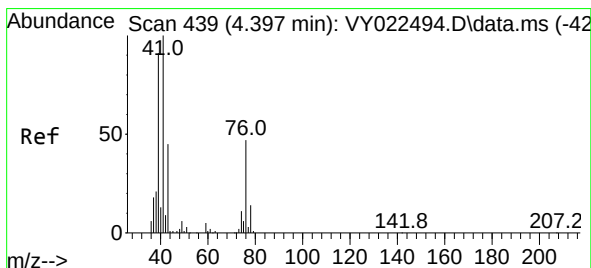
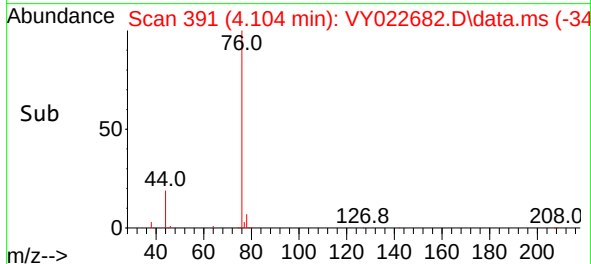
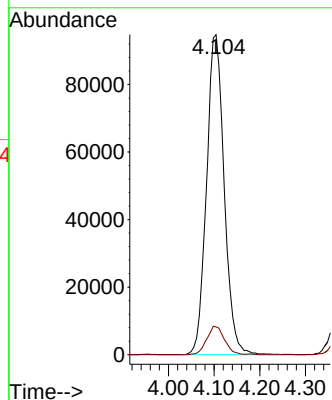
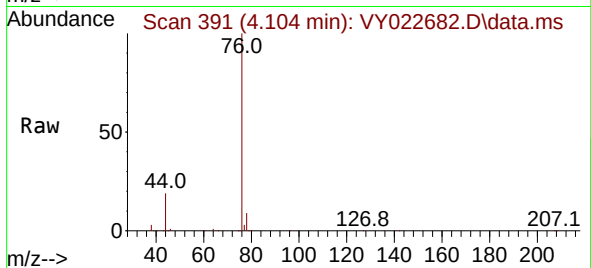




#17
Carbon Disulfide
Concen: 49.909 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

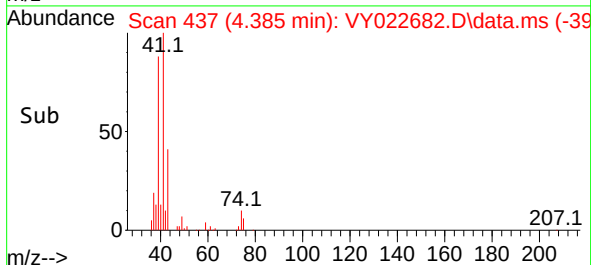
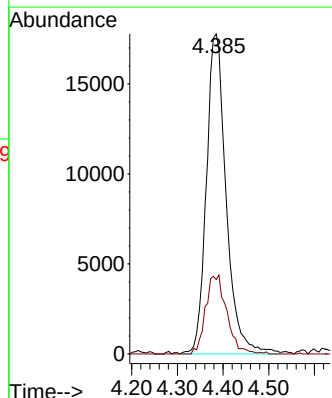
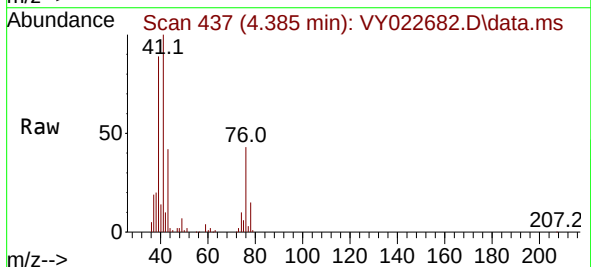
Instrument :
MSVOA_Y
ClientSampleId :
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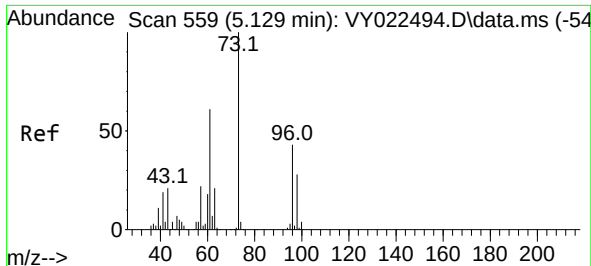
Tgt Ion: 76 Resp: 254112
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 52.536 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 43 Resp: 53589
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6

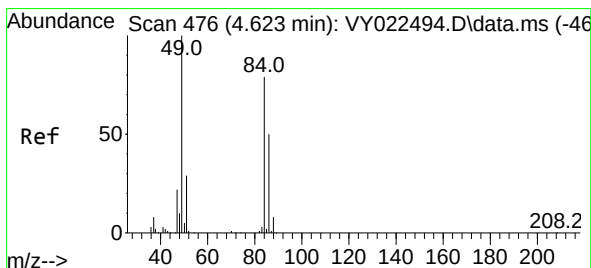
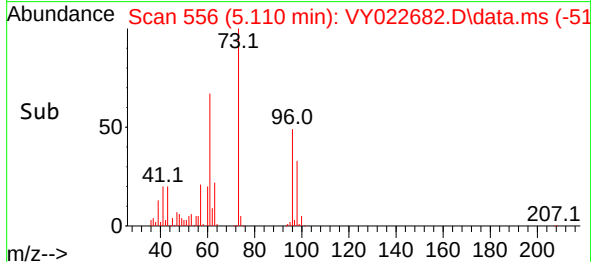
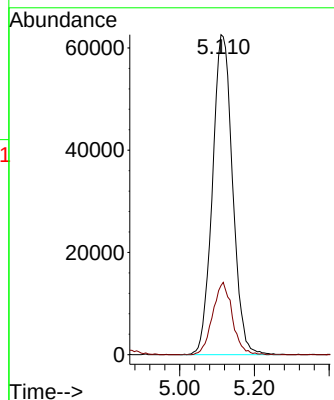
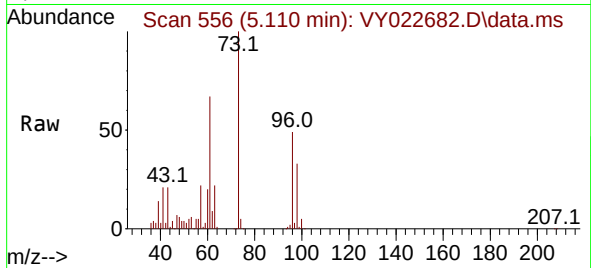




#19
Methyl tert-butyl Ether
Concen: 52.210 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

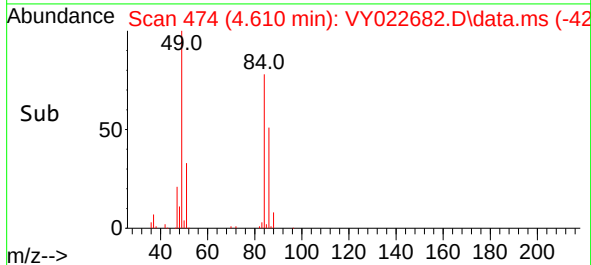
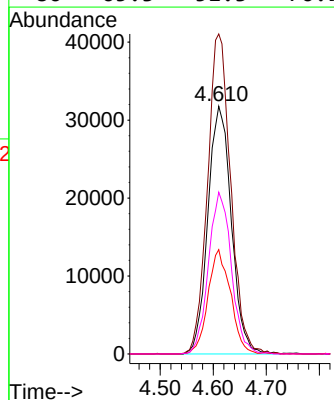
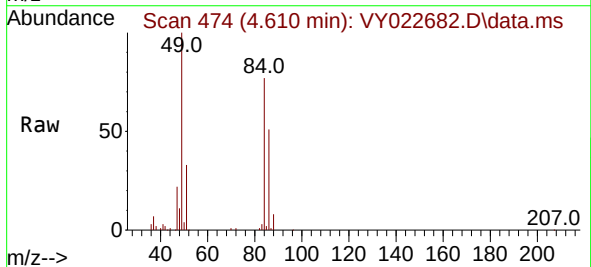
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

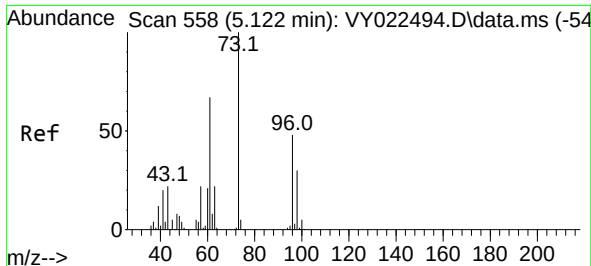
Tgt Ion: 73 Resp: 233864
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 50.005 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 84 Resp: 97843
Ion Ratio Lower Upper
84 100
49 129.2 101.9 152.9
51 42.1 29.8 44.8
86 65.3 51.3 76.9

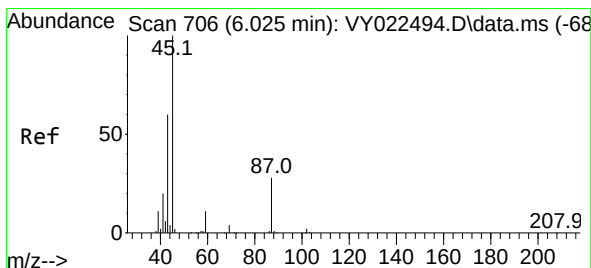
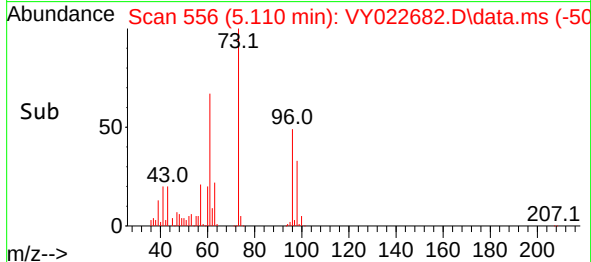
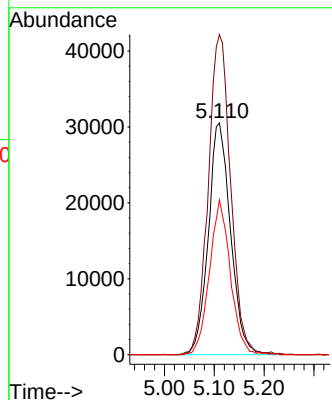
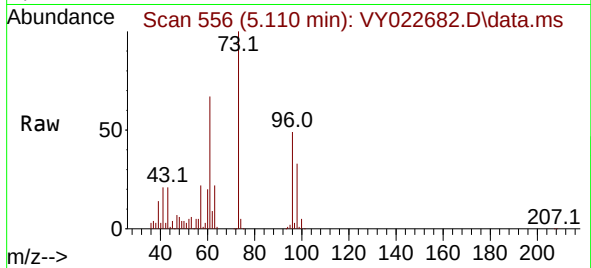




#21
trans-1,2-Dichloroethene
Concen: 53.104 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

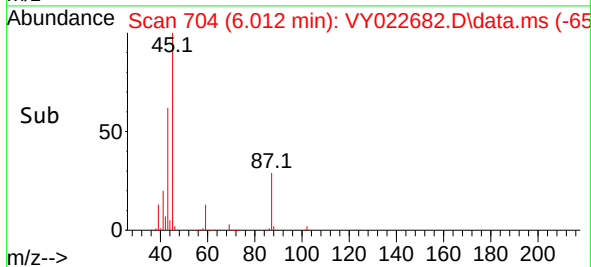
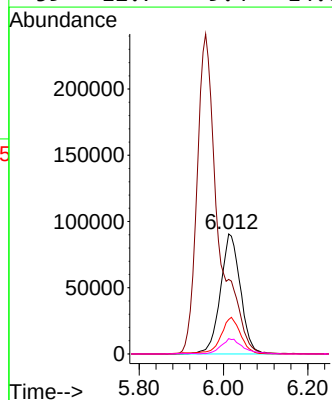
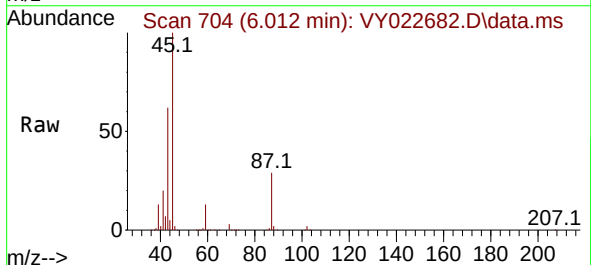
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

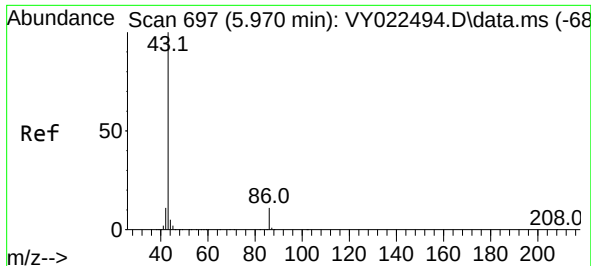
Tgt Ion: 96 Resp: 94520
Ion Ratio Lower Upper
96 100
61 137.9 112.6 169.0
98 66.8 50.6 75.8



#22
Diisopropyl ether
Concen: 53.521 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 45 Resp: 297428
Ion Ratio Lower Upper
45 100
43 61.7 48.3 72.5
87 28.6 23.0 34.6
59 12.7 9.4 14.0

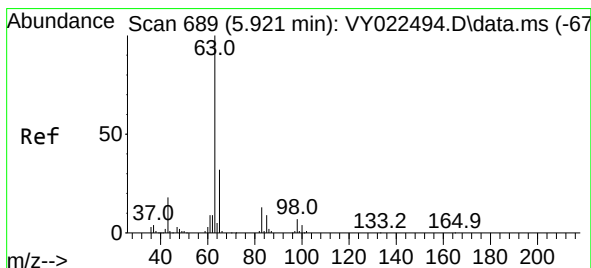
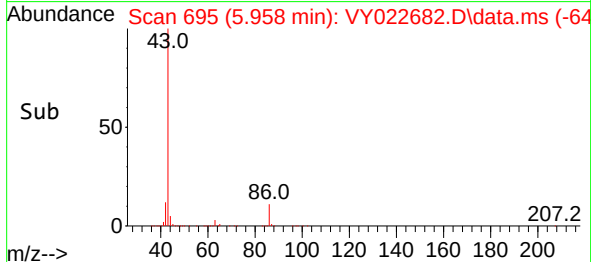
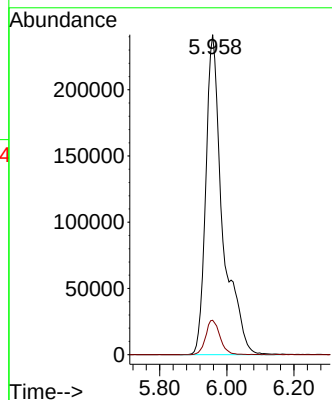
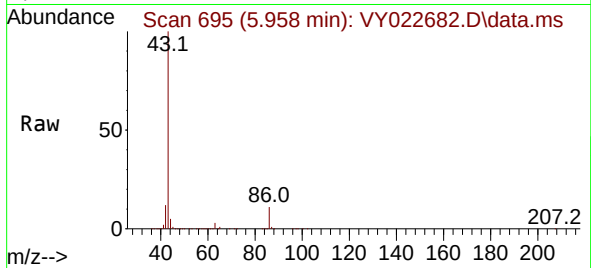




#23
Vinyl Acetate
Concen: 256.196 ug/l
RT: 5.958 min Scan# 695
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

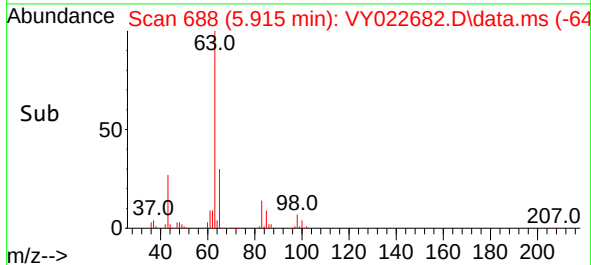
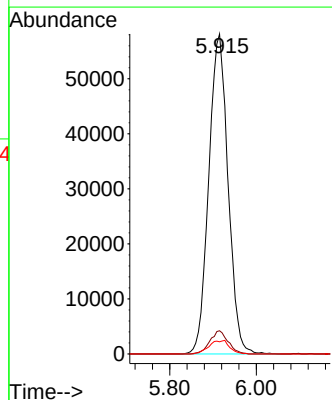
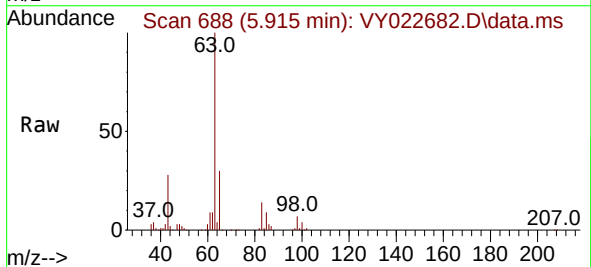
Instrument :
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ClientSampleId :
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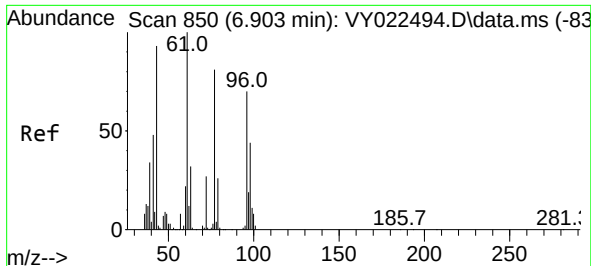
Tgt Ion: 43 Resp: 842670
Ion Ratio Lower Upper
43 100
86 10.7 8.6 12.8



#24
1,1-Dichloroethane
Concen: 54.971 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 63 Resp: 179967
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.1
100 3.8 2.1 6.3

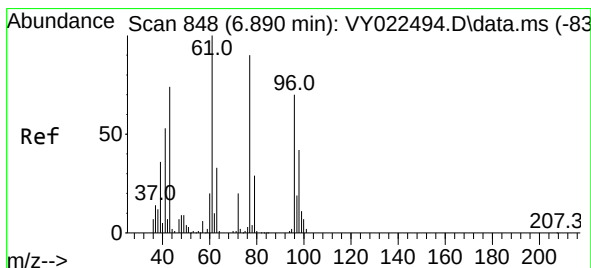
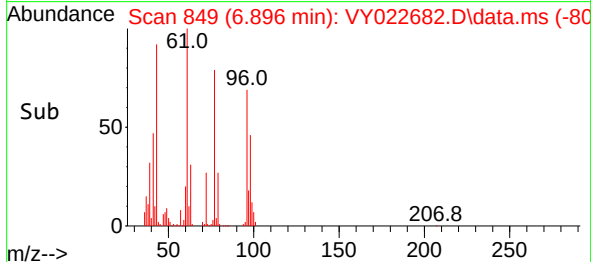
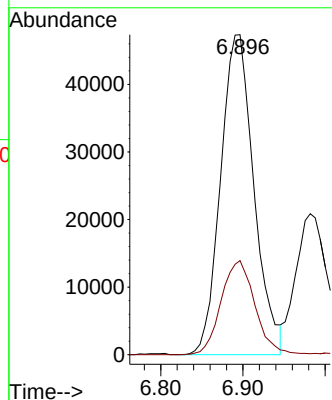
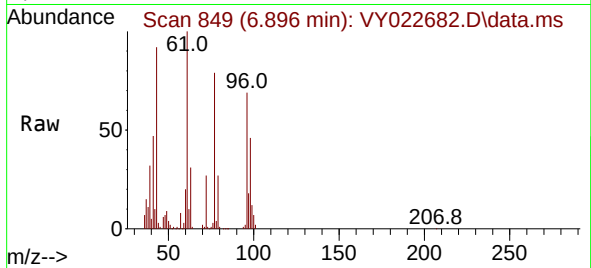




#25
2-Butanone
Concen: 268.797 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

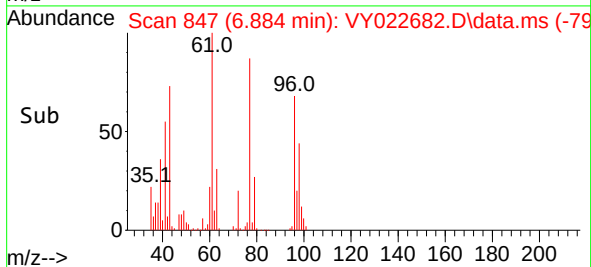
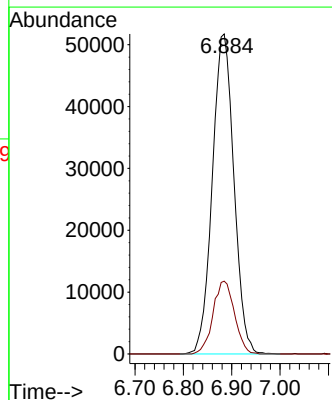
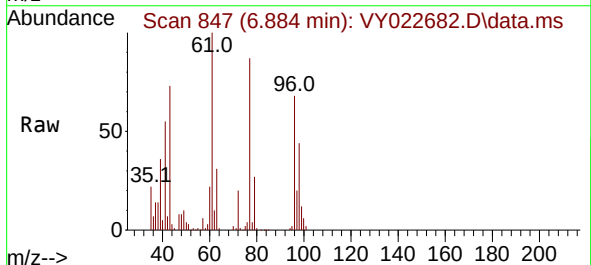
Instrument :
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ClientSampleId :
VSTDCCC050

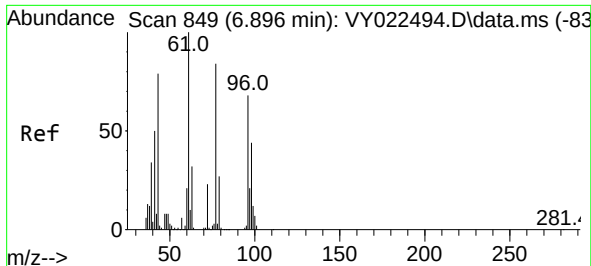
Tgt Ion: 43 Resp: 133557
Ion Ratio Lower Upper
43 100
72 29.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 55.382 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 77 Resp: 160199
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 55.016 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

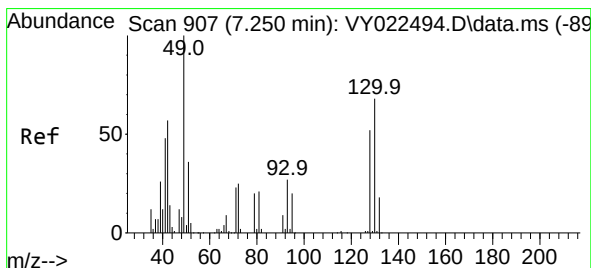
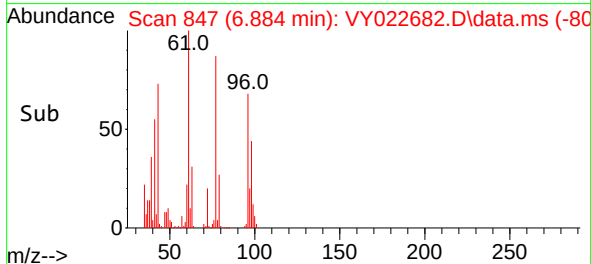
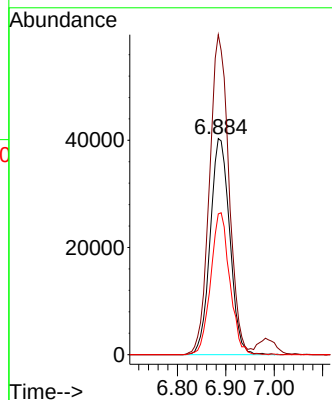
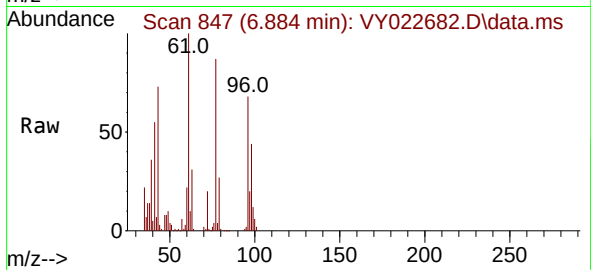
Tgt Ion: 96 Resp: 113183

Ion Ratio Lower Upper

96 100

61 147.5 0.0 290.0

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 49.553 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

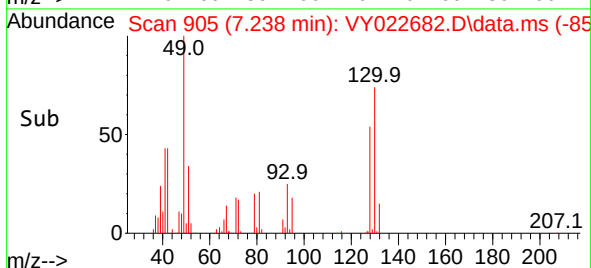
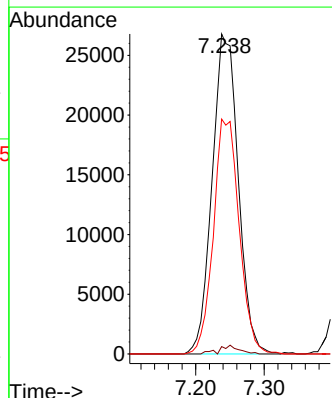
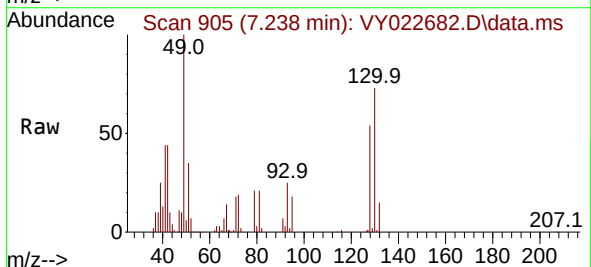
Tgt Ion: 49 Resp: 70717

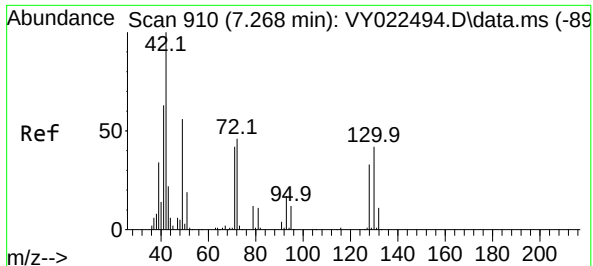
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 72.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 260.246 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

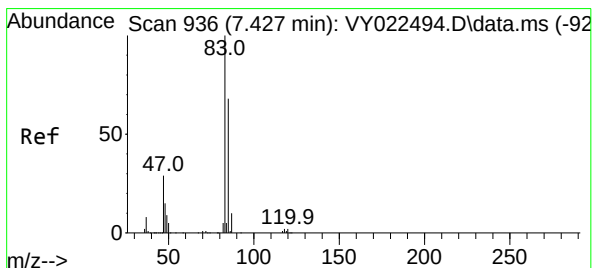
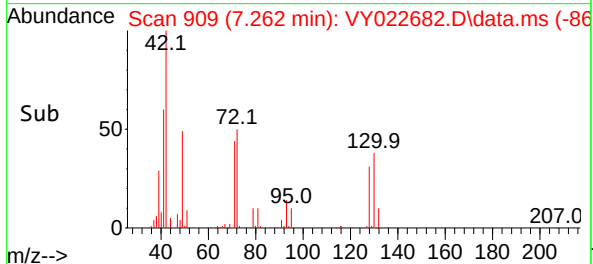
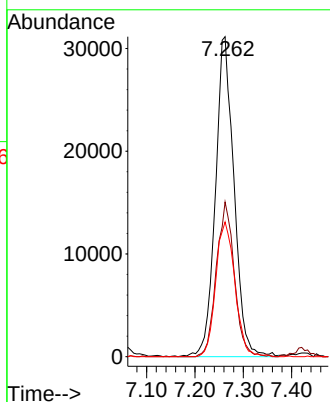
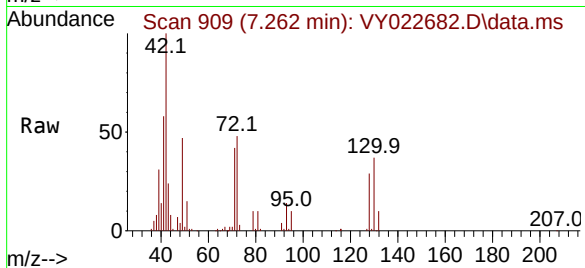
Tgt Ion: 42 Resp: 83400

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.2

71 43.3 34.2 51.2



#30

Chloroform

Concen: 55.811 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022682.D

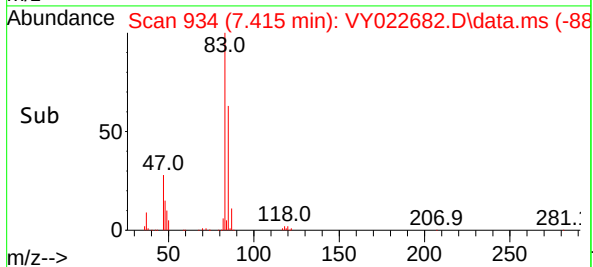
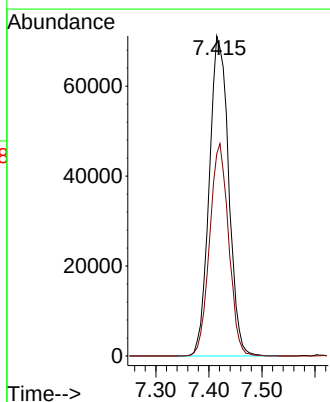
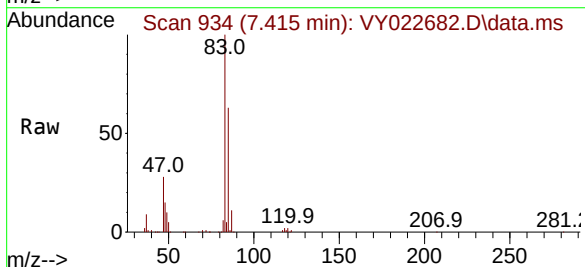
Acq: 13 Jun 2025 08:36

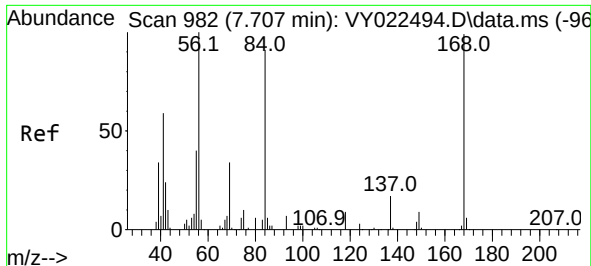
Tgt Ion: 83 Resp: 180977

Ion Ratio Lower Upper

83 100

85 63.2 54.2 81.4

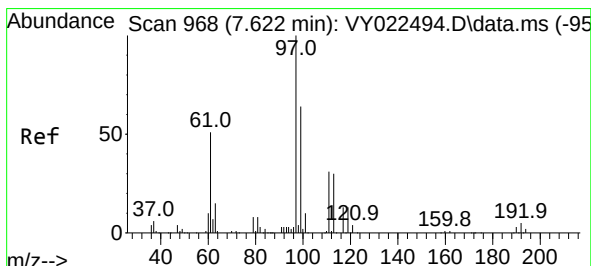
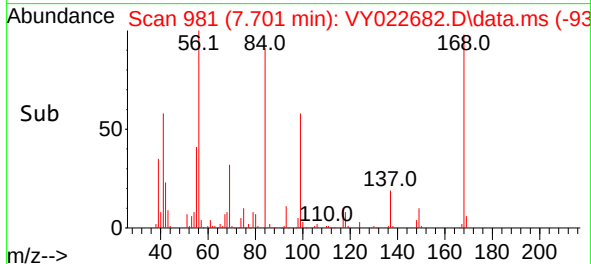
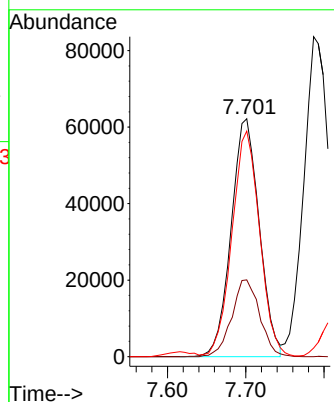
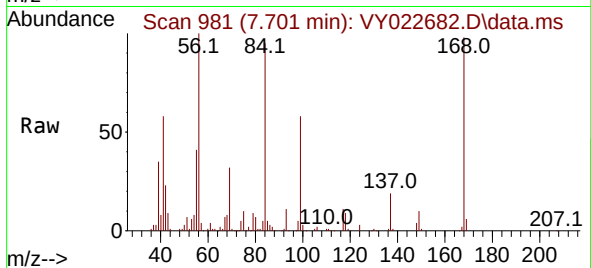




#31
Cyclohexane
Concen: 47.616 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

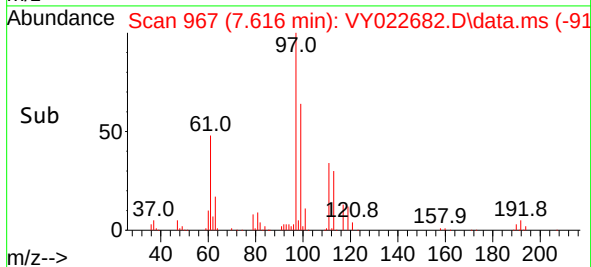
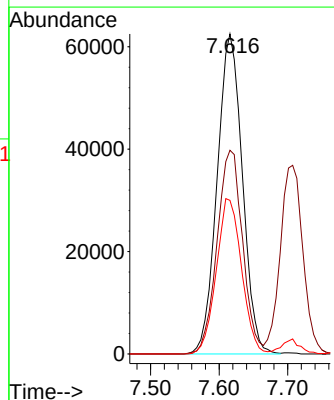
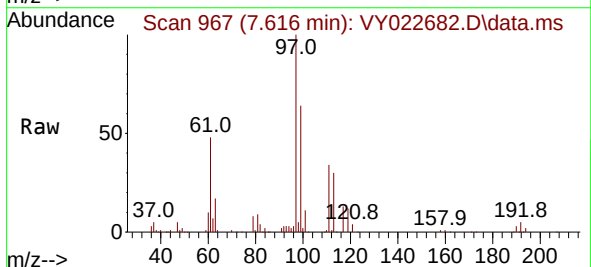
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

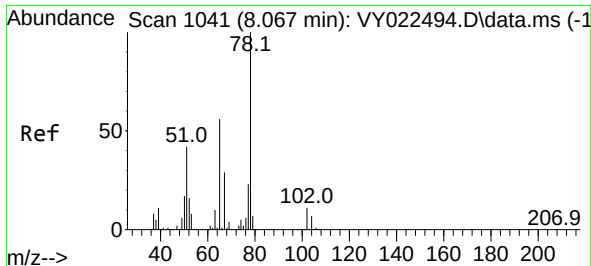
Tgt Ion: 56 Resp: 155192
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 92.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 55.500 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 97 Resp: 159762
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 48.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 51.600 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

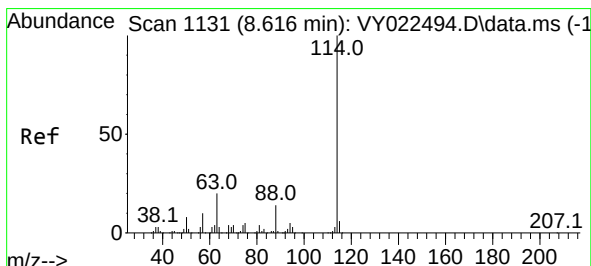
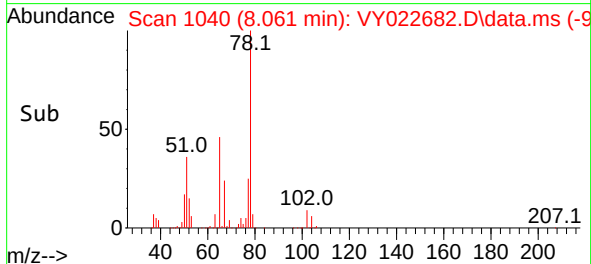
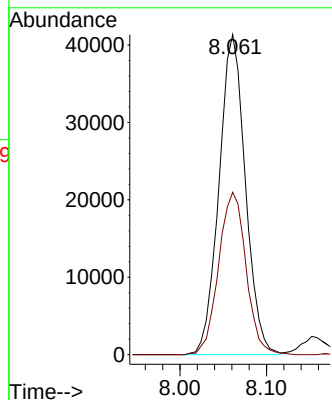
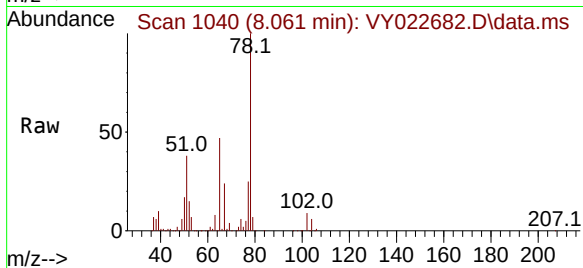
VSTDCCC050

Tgt Ion: 65 Resp: 87522

Ion Ratio Lower Upper

65 100

67 52.8 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: VY022682.D

Acq: 13 Jun 2025 08:36

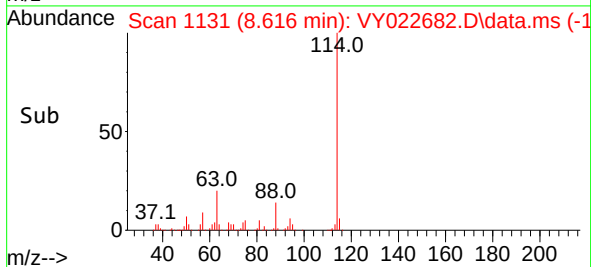
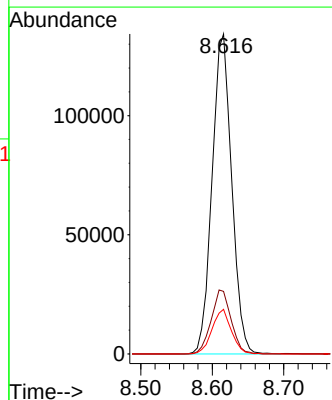
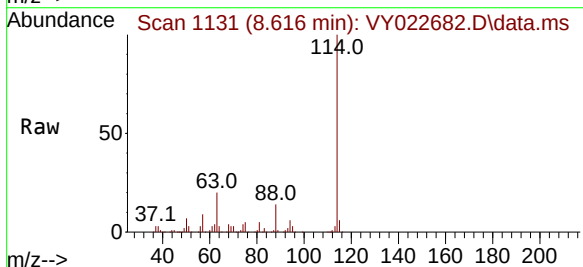
Tgt Ion: 114 Resp: 255618

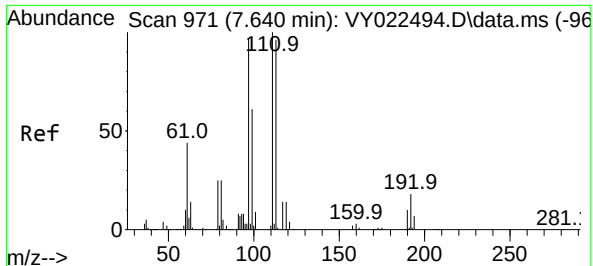
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.0 0.0 27.8

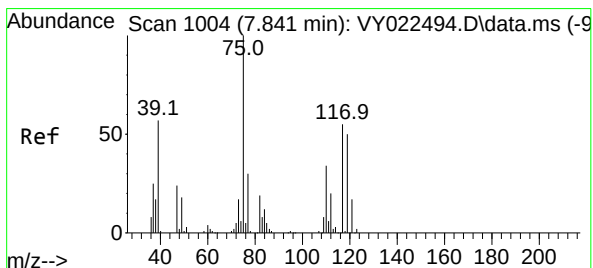
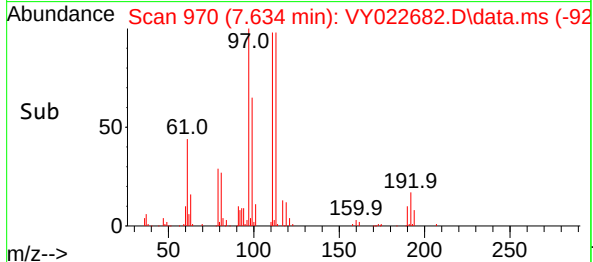
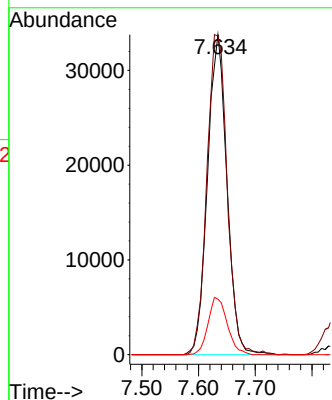
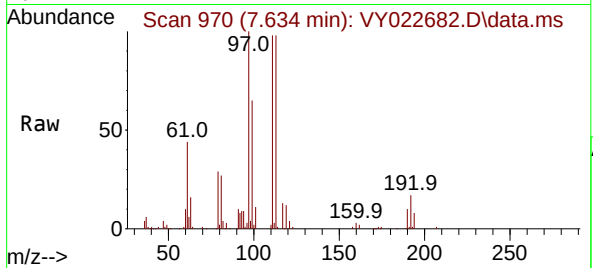




#35
Dibromofluoromethane
Concen: 52.606 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

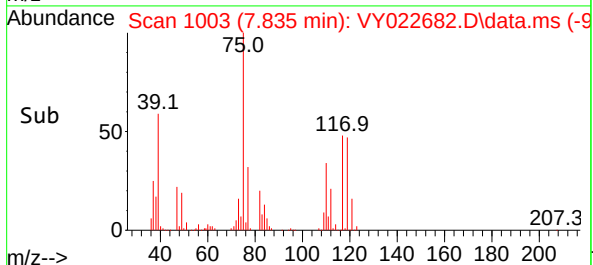
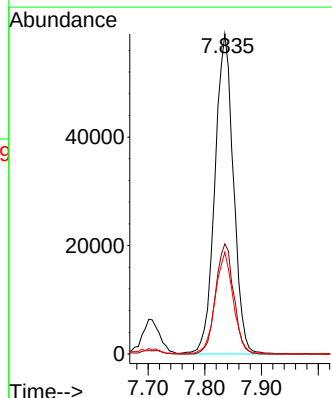
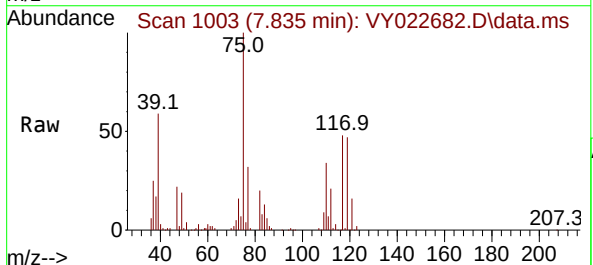
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

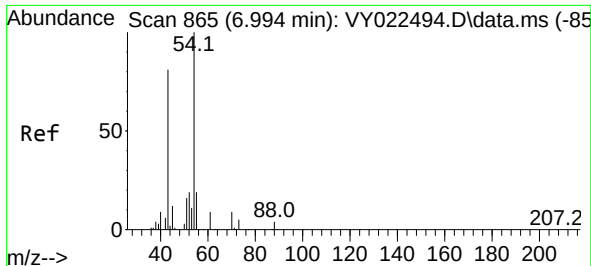
Tgt Ion:113 Resp: 80263
Ion Ratio Lower Upper
113 100
111 104.4 81.1 121.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 54.211 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 75 Resp: 134242
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.7
77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 51.858 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

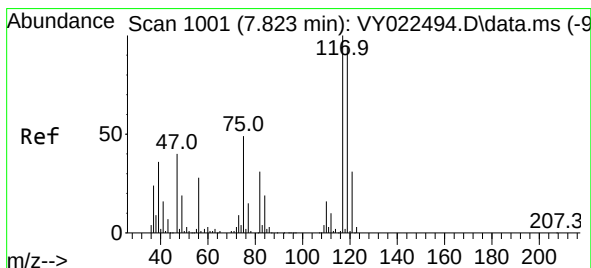
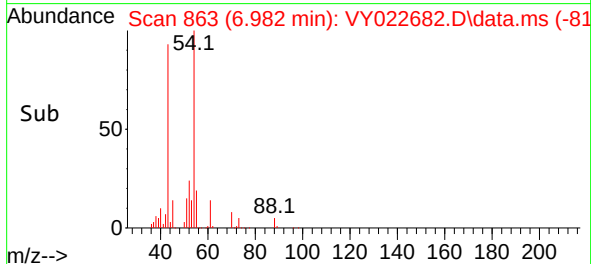
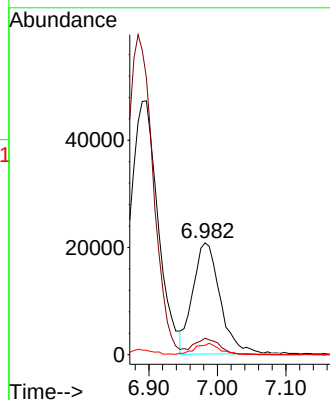
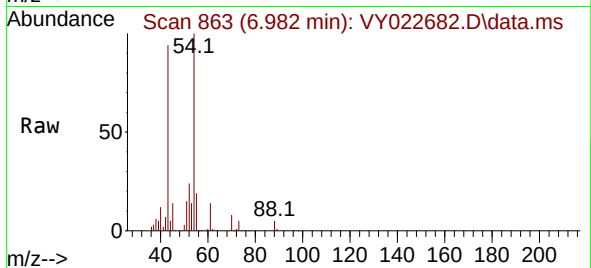
Tgt Ion: 43 Resp: 57266

Ion Ratio Lower Upper

43 100

61 13.3 11.5 17.3

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 54.526 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

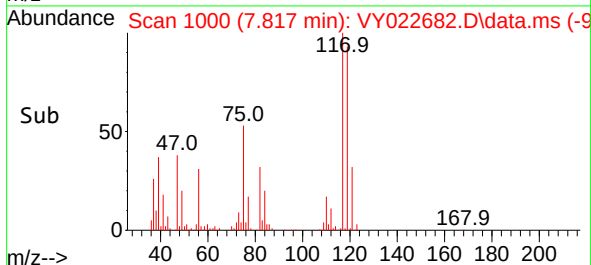
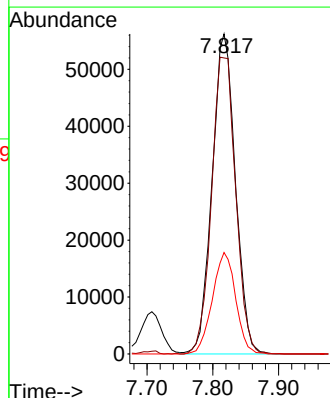
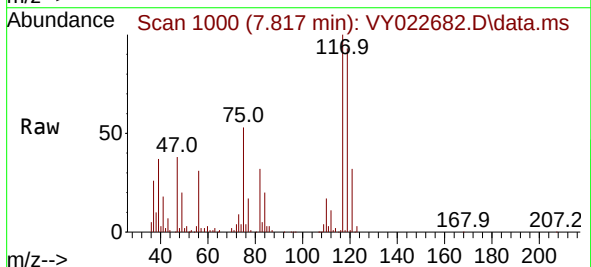
Tgt Ion: 117 Resp: 138512

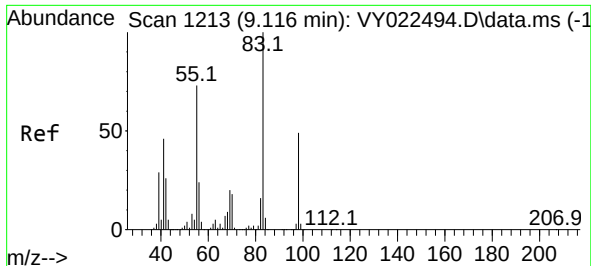
Ion Ratio Lower Upper

117 100

119 92.5 75.0 112.6

121 31.7 25.0 37.4





#39

Methylcyclohexane

Concen: 50.923 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

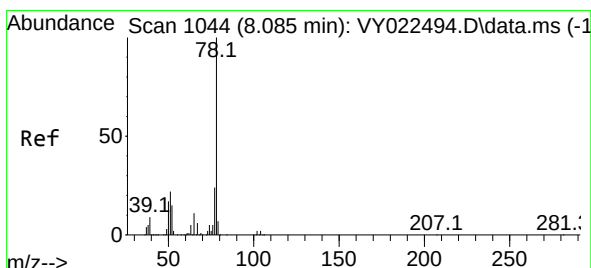
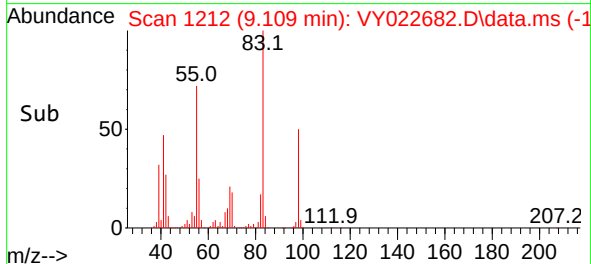
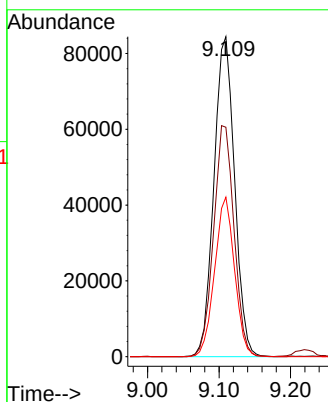
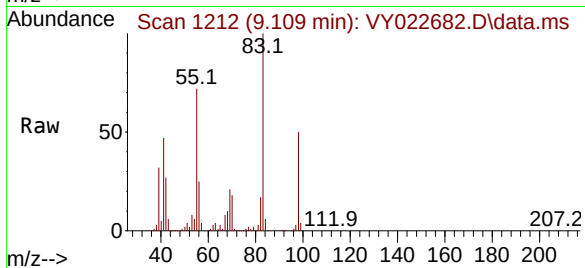
Tgt Ion: 83 Resp: 169458

Ion Ratio Lower Upper

83 100

55 71.7 58.1 87.1

98 49.9 39.0 58.6



#40

Benzene

Concen: 55.001 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022682.D

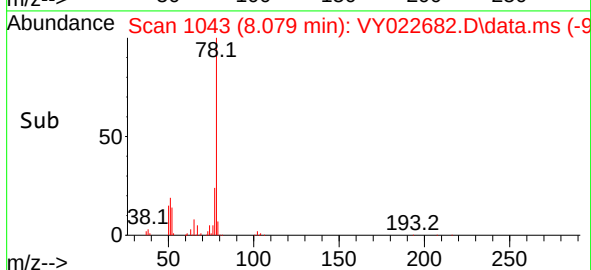
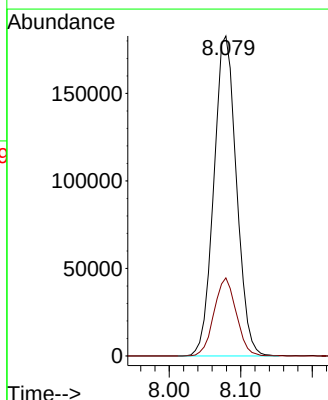
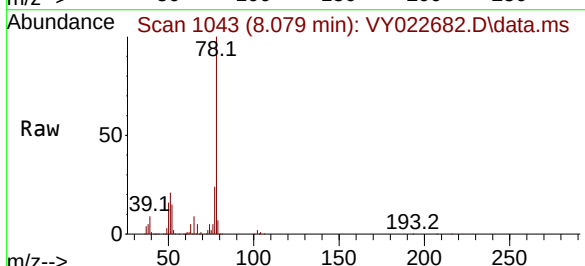
Acq: 13 Jun 2025 08:36

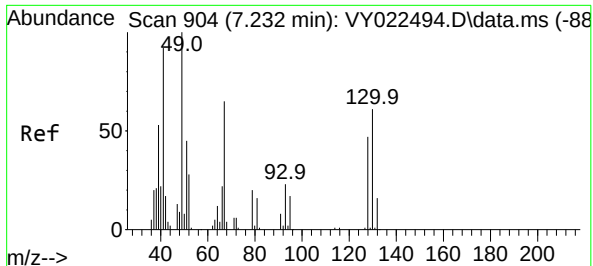
Tgt Ion: 78 Resp: 402266

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

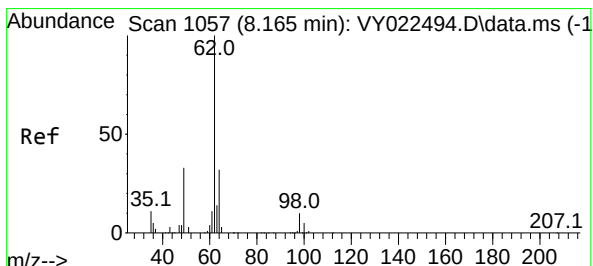
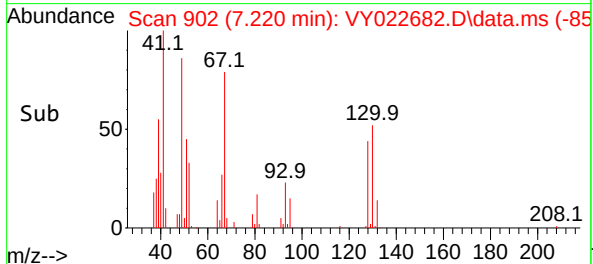
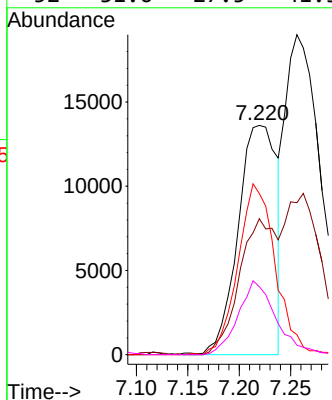
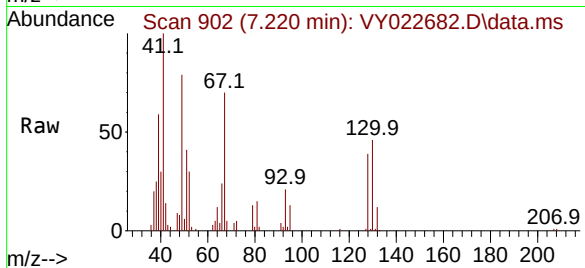




#41
Methacrylonitrile
Concen: 55.444 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

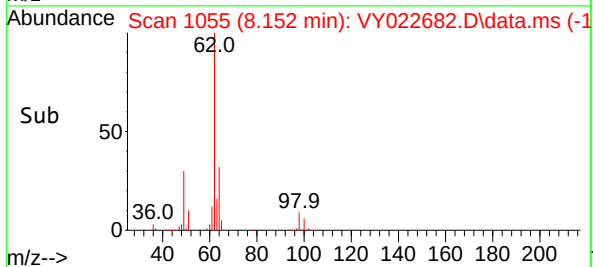
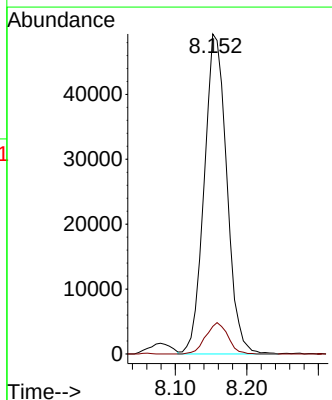
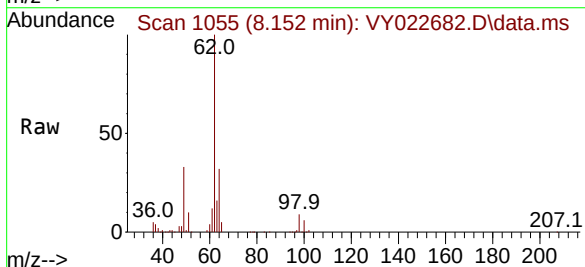
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

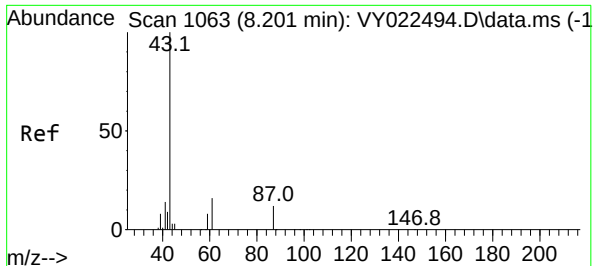
Tgt Ion:	41	Resp:	35763
Ion	Ratio	Lower	Upper
41	100		
39	57.1	46.6	69.8
67	71.7	63.3	94.9
52	31.6	27.5	41.3



#42
1,2-Dichloroethane
Concen: 54.175 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:	62	Resp:	108187
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 51.951 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

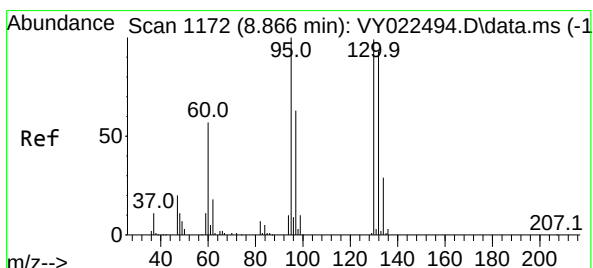
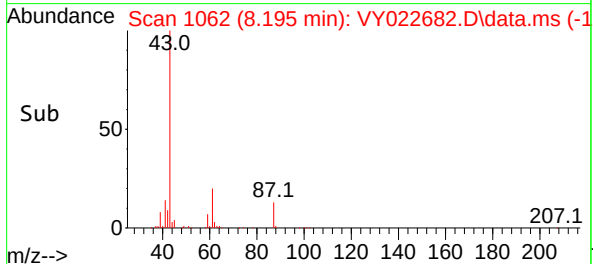
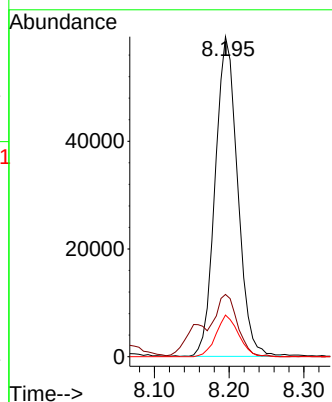
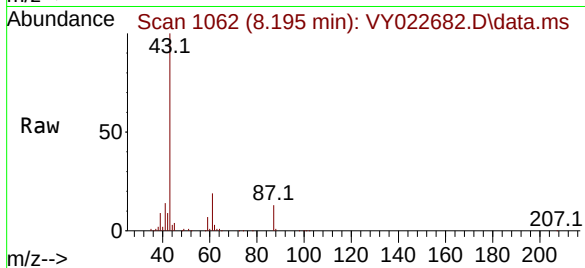
Tgt Ion: 43 Resp: 123902

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

87 13.0 10.2 15.4



#44

Trichloroethene

Concen: 55.178 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022682.D

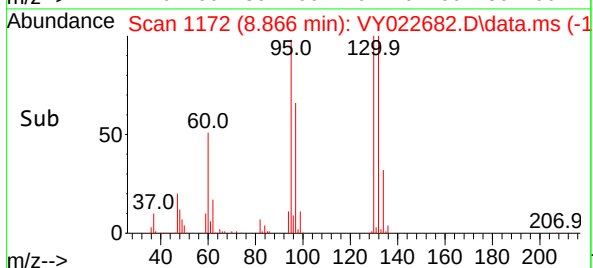
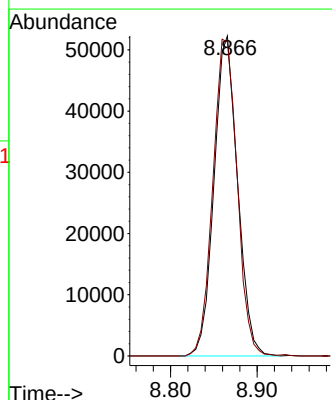
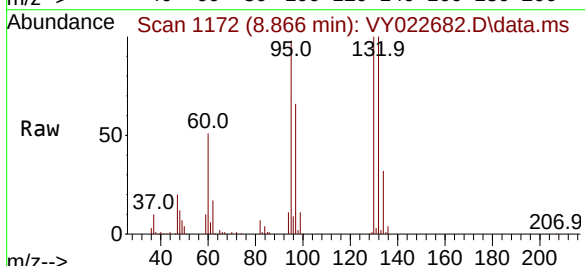
Acq: 13 Jun 2025 08:36

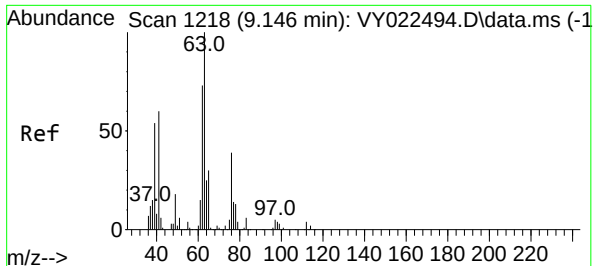
Tgt Ion:130 Resp: 98633

Ion Ratio Lower Upper

130 100

95 98.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 55.001 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

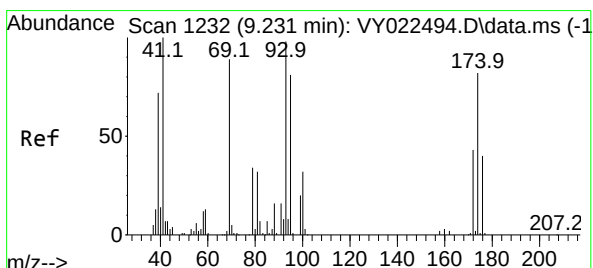
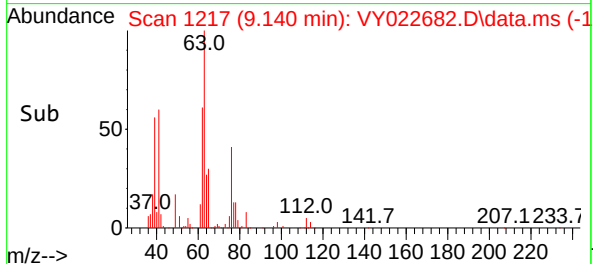
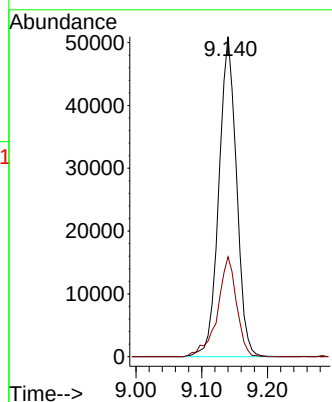
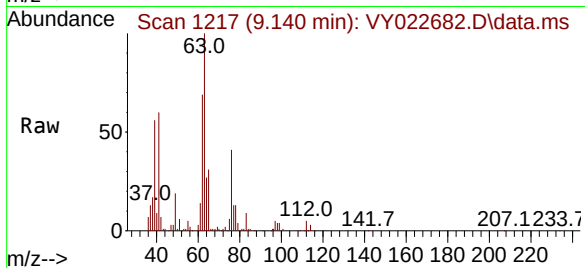
VSTDCCC050

Tgt Ion: 63 Resp: 95069

Ion Ratio Lower Upper

63 100

65 31.2 24.0 36.0



#46

Dibromomethane

Concen: 54.367 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

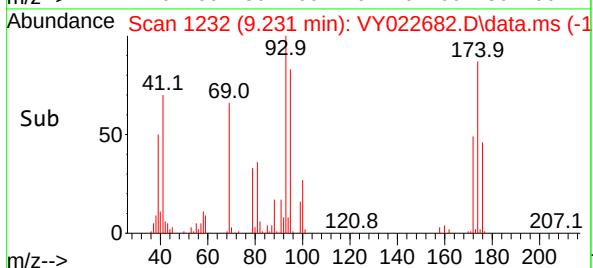
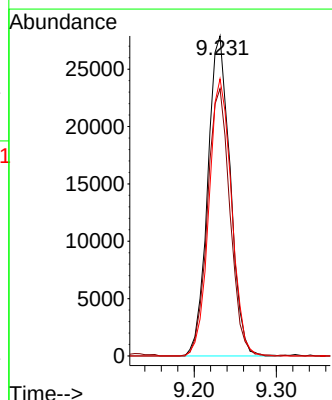
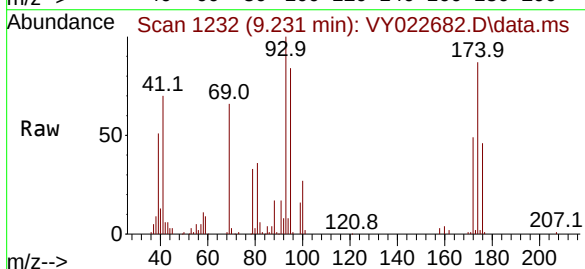
Tgt Ion: 93 Resp: 52869

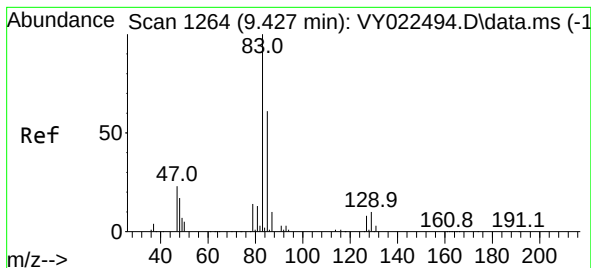
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 86.9 70.4 105.6





#47

Bromodichloromethane

Concen: 55.613 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

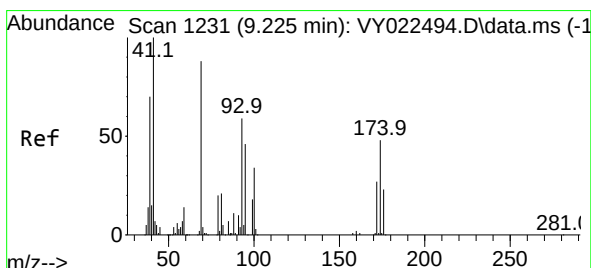
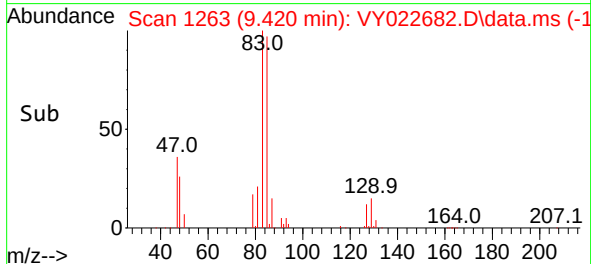
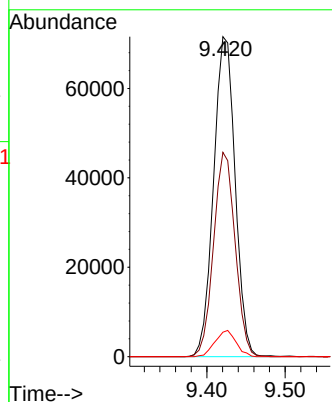
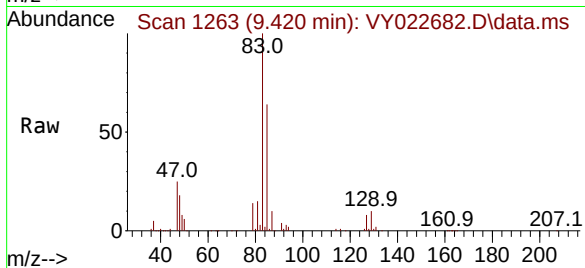
Tgt Ion: 83 Resp: 137129

Ion Ratio Lower Upper

83 100

85 63.9 49.1 73.7

127 7.6 6.2 9.4



#48

Methyl methacrylate

Concen: 49.560 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

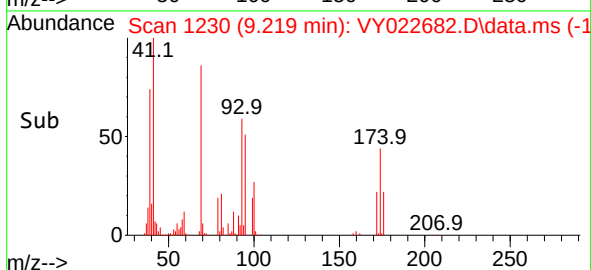
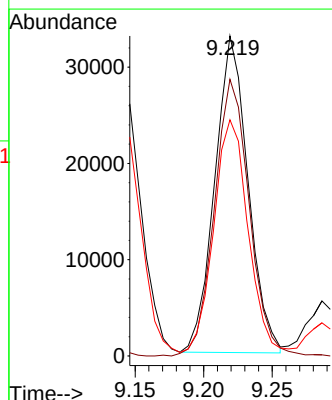
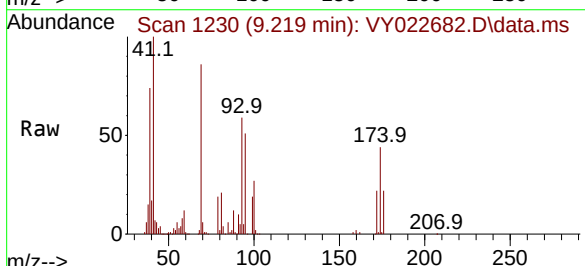
Tgt Ion: 41 Resp: 55474

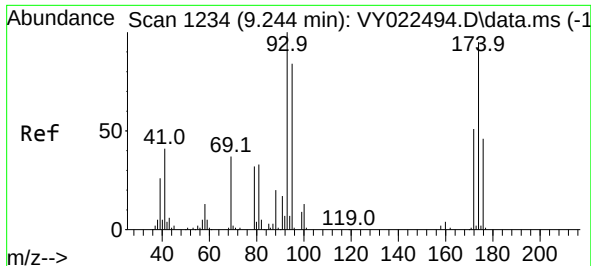
Ion Ratio Lower Upper

41 100

69 91.9 67.8 101.8

39 75.9 55.0 82.4





#49

1,4-Dioxane

Concen: 1067.313 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

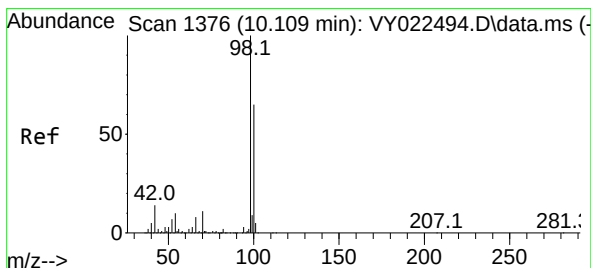
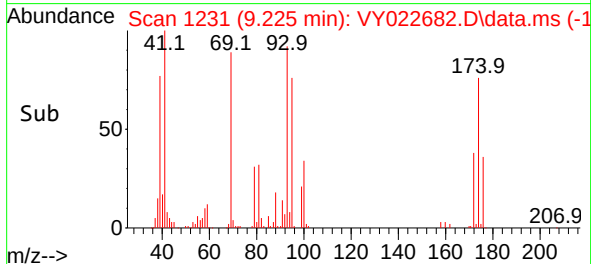
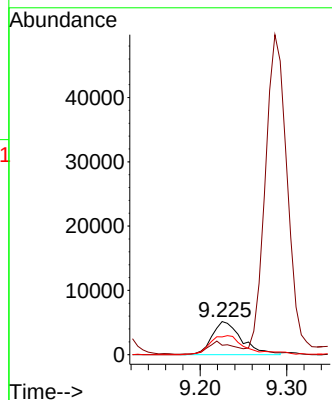
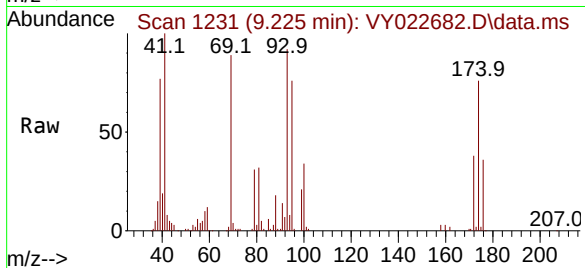
Tgt Ion: 88 Resp: 12296

Ion Ratio Lower Upper

88 100

43 31.9 25.4 38.2

58 69.8 54.9 82.3



#50

Toluene-d8

Concen: 53.634 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022682.D

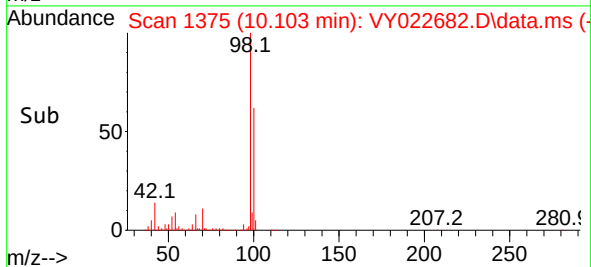
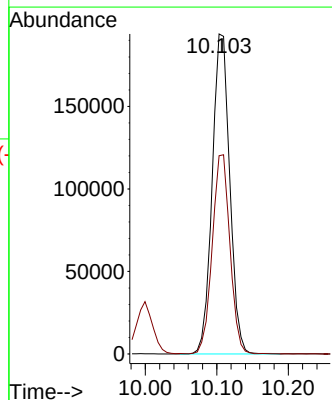
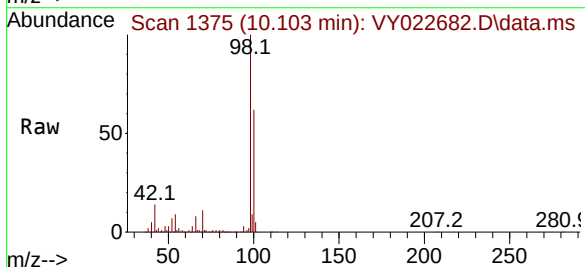
Acq: 13 Jun 2025 08:36

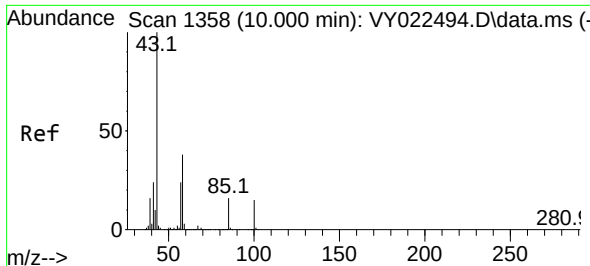
Tgt Ion: 98 Resp: 330650

Ion Ratio Lower Upper

98 100

100 62.7 51.4 77.0

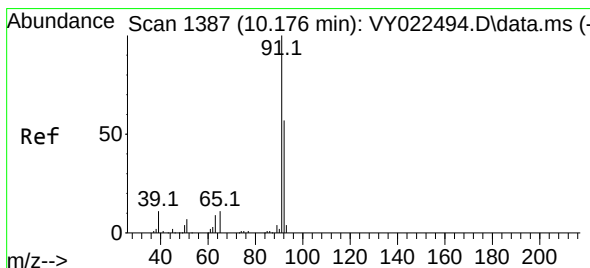
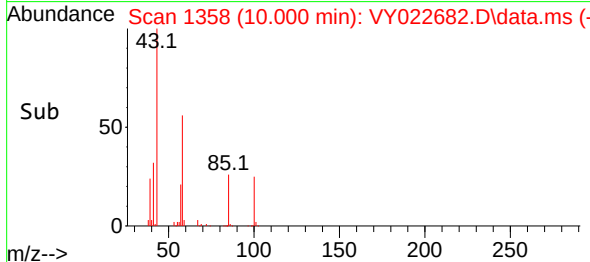
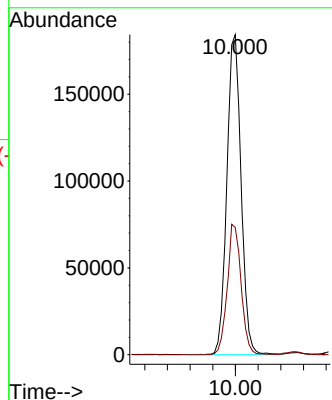
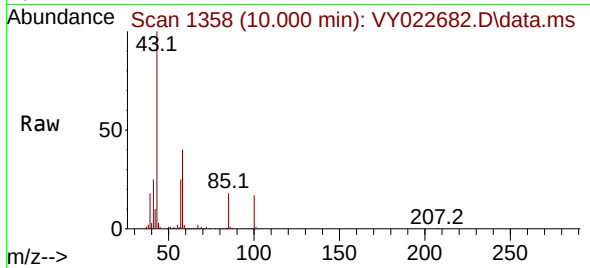




#51
4-Methyl-2-Pentanone
Concen: 269.428 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

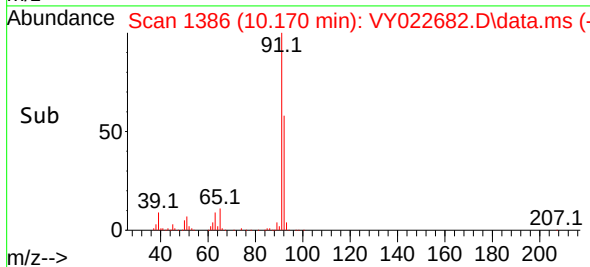
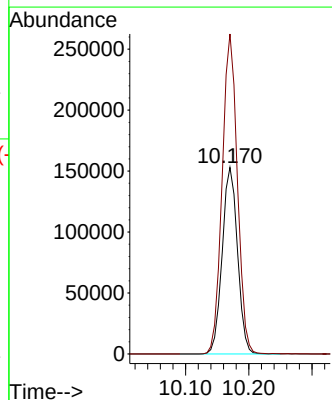
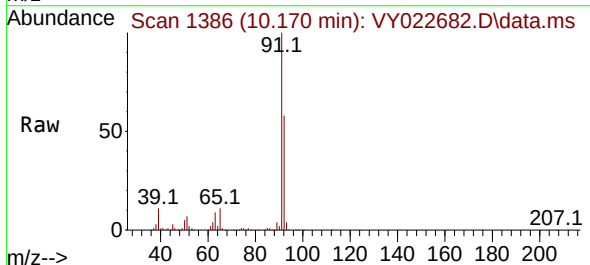
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

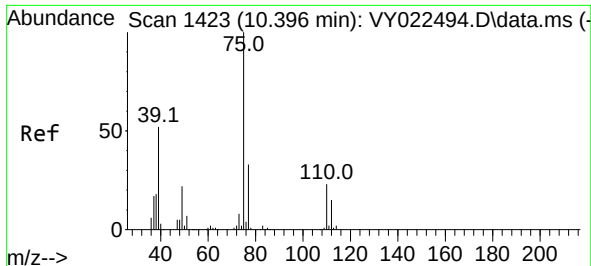
Tgt Ion: 43 Resp: 320369
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6



#52
Toluene
Concen: 55.620 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 92 Resp: 255646
Ion Ratio Lower Upper
92 100
91 170.7 139.0 208.4

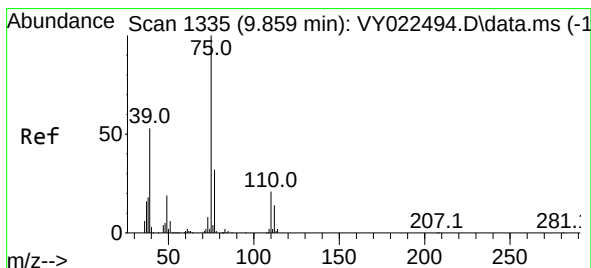
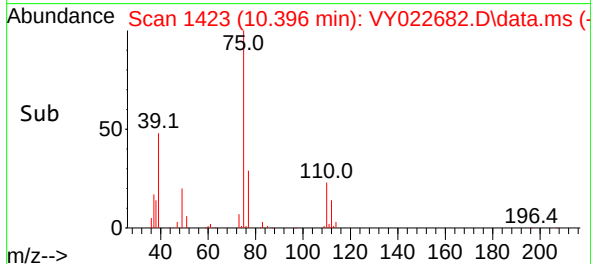
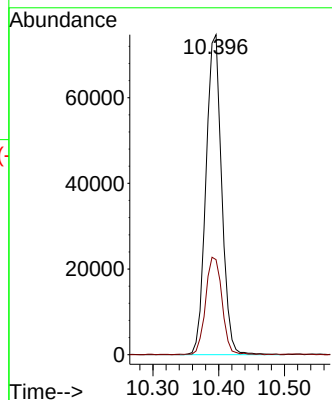
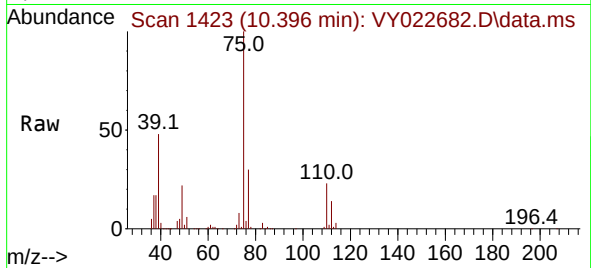




#53
t-1,3-Dichloropropene
Concen: 53.683 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

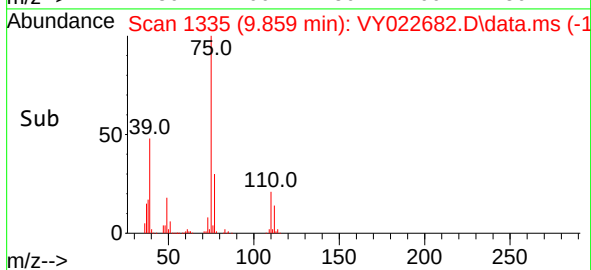
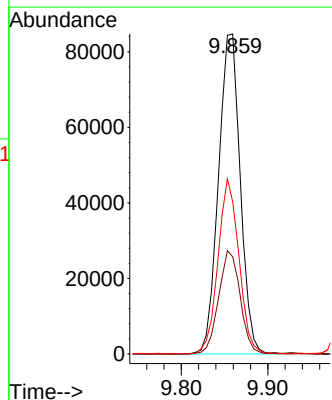
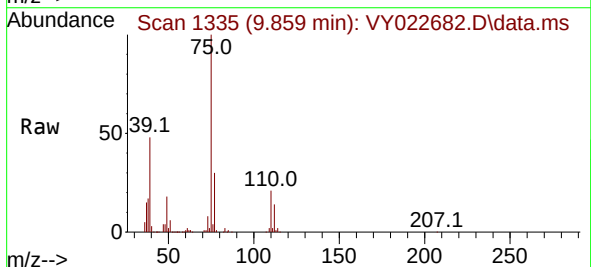
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

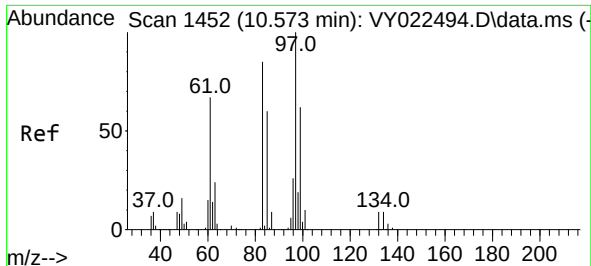
Tgt Ion: 75 Resp: 124025
Ion Ratio Lower Upper
75 100
77 29.6 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 55.120 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 75 Resp: 148237
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 47.5 42.7 64.1

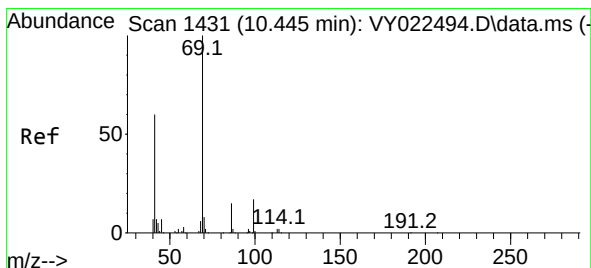
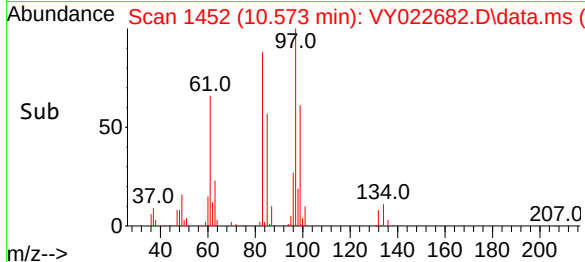
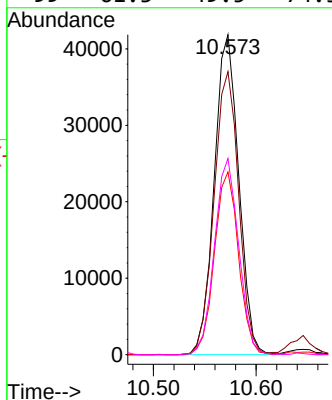
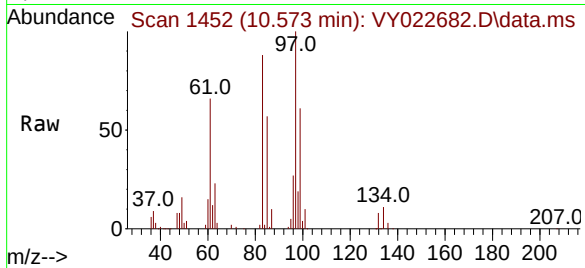




#55
1,1,2-Trichloroethane
Concen: 55.875 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

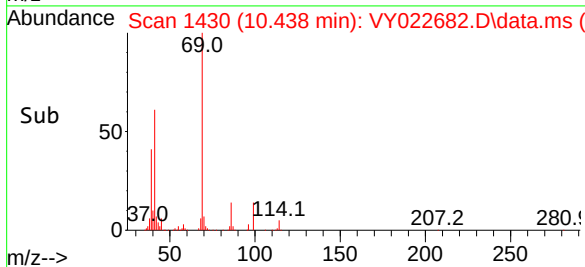
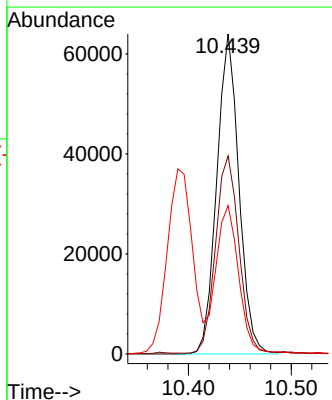
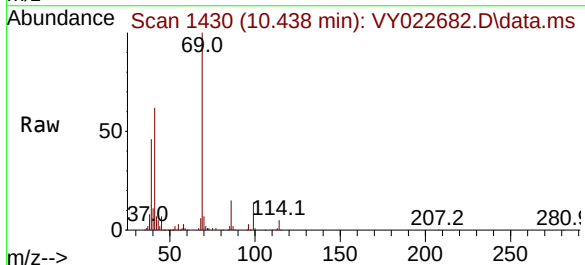
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

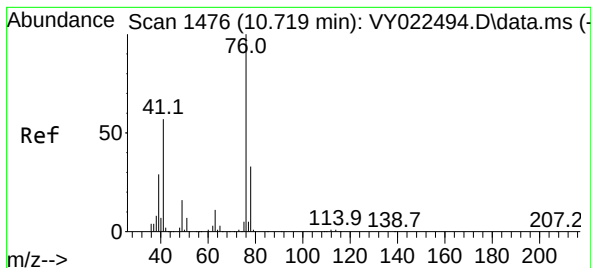
Tgt Ion:	97	Resp:	69284
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.1	102.1
85	57.1	48.2	72.2
99	61.3	49.5	74.3



#56
Ethyl methacrylate
Concen: 53.328 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:	69	Resp:	95573
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	48.1	36.7	55.1





#57

1,3-Dichloropropane

Concen: 54.152 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

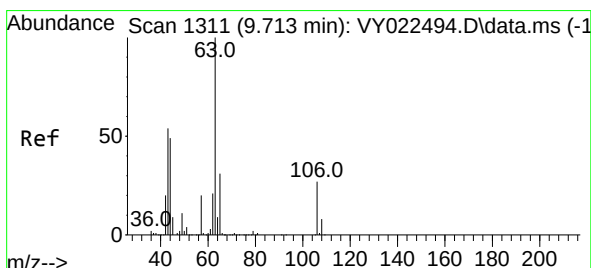
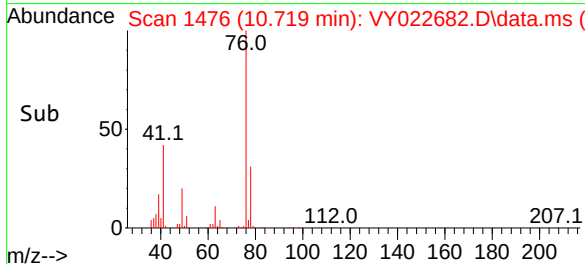
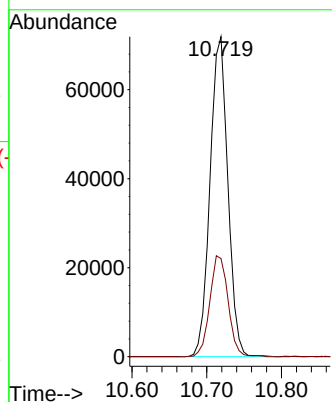
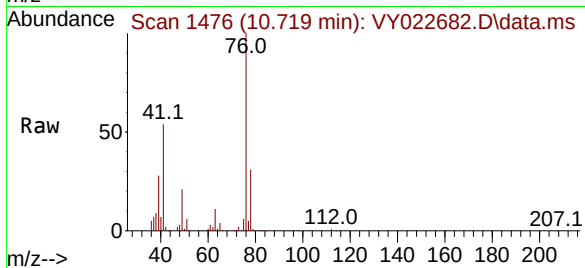
VSTDCCC050

Tgt Ion: 76 Resp: 119013

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.111 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022682.D

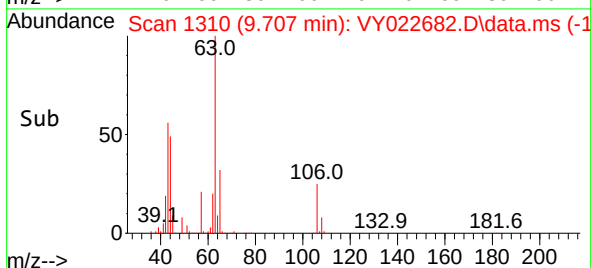
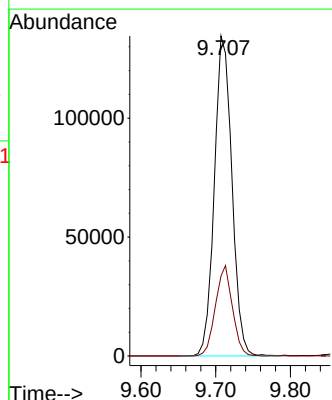
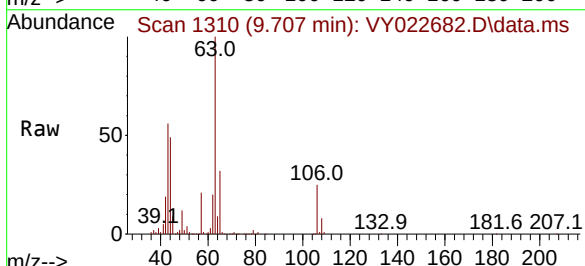
Acq: 13 Jun 2025 08:36

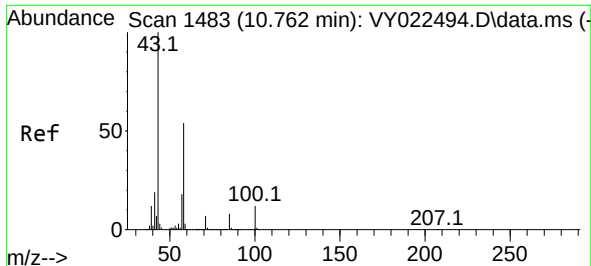
Tgt Ion: 63 Resp: 219786

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4

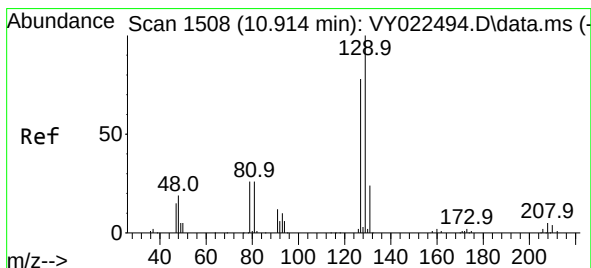
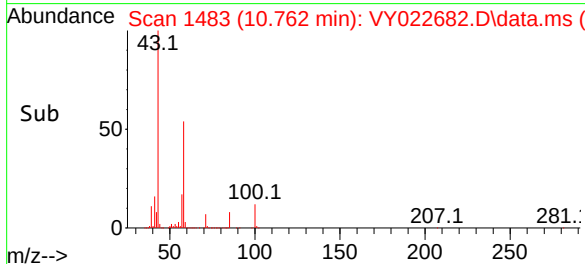
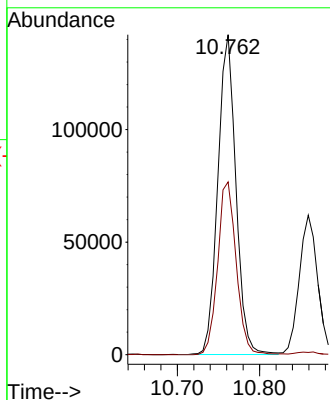
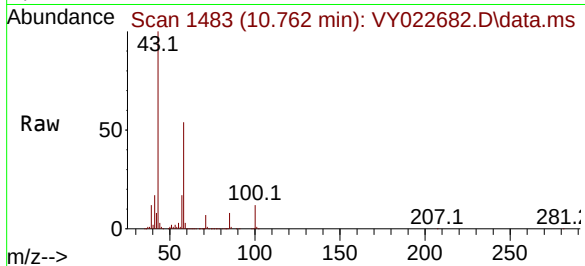




#59
2-Hexanone
Concen: 273.303 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

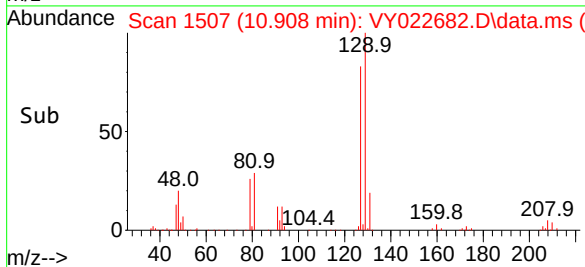
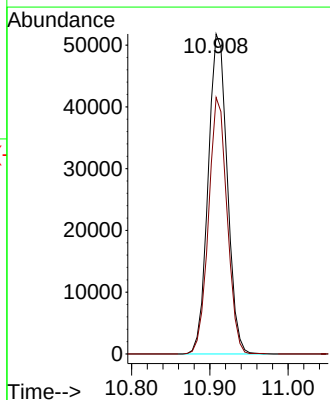
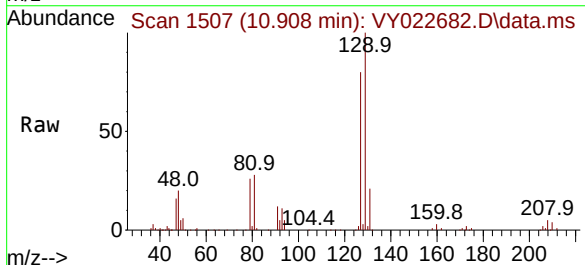
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

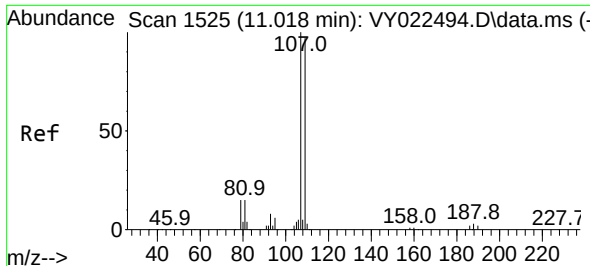
Tgt Ion: 43 Resp: 217342
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 55.540 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:129 Resp: 87520
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

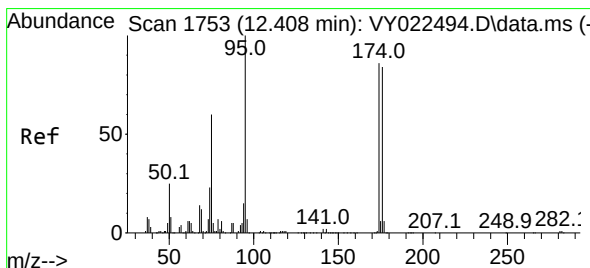
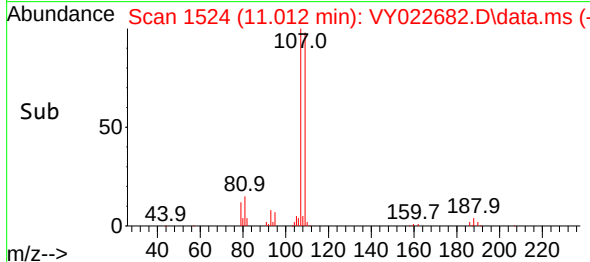
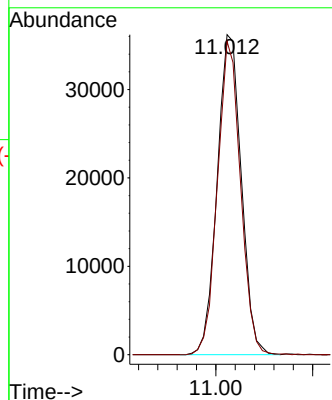
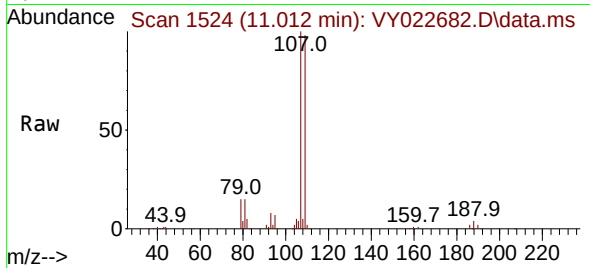




#61
1,2-Dibromoethane
Concen: 55.394 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

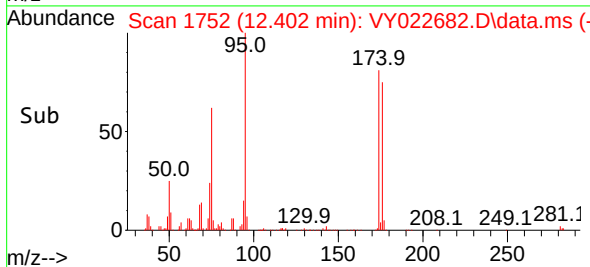
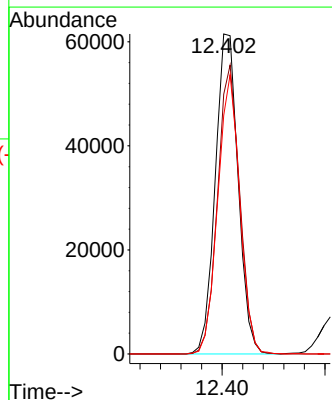
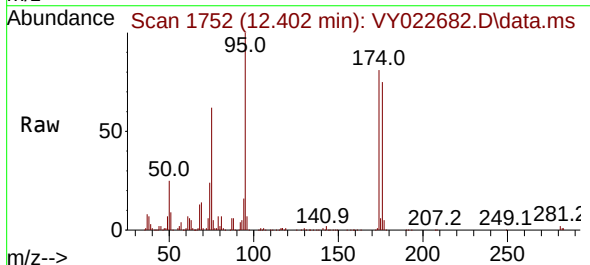
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

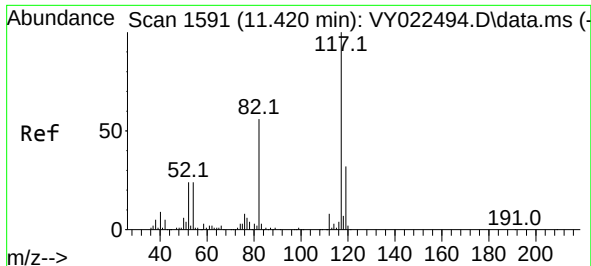
Tgt Ion:107 Resp: 62605
Ion Ratio Lower Upper
107 100
109 93.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.609 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 95 Resp: 94797
Ion Ratio Lower Upper
95 100
174 87.5 0.0 170.0
176 84.1 0.0 166.2

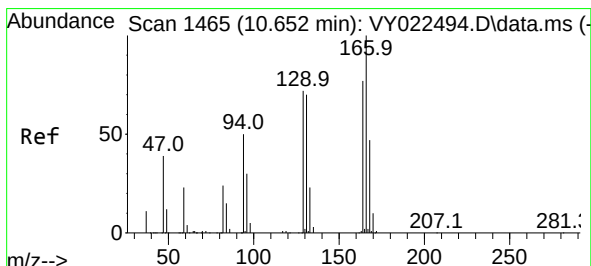
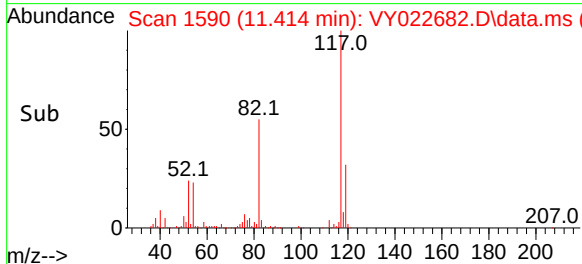
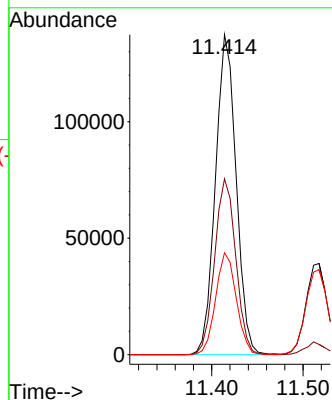
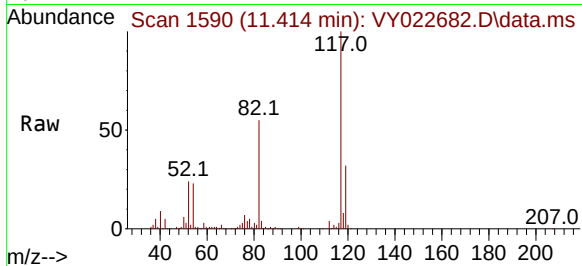




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

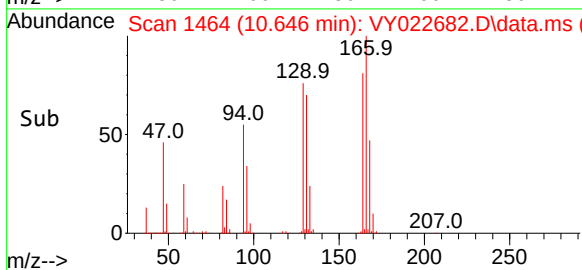
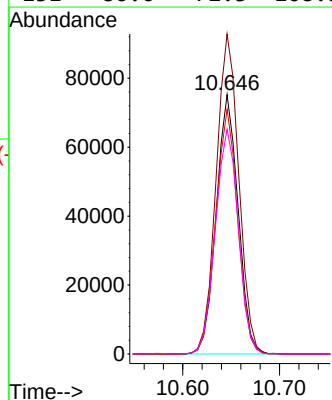
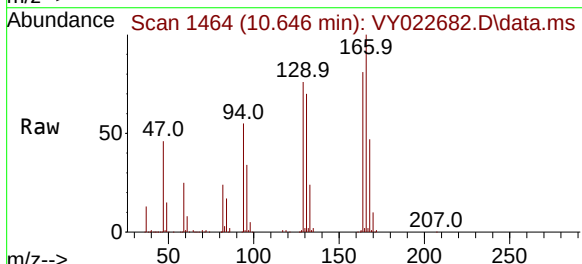
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

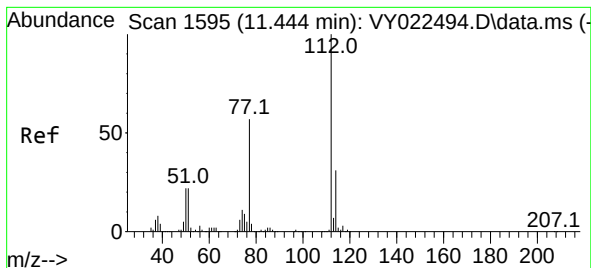
Tgt Ion:117 Resp: 216521
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 63.403 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:164 Resp: 118091
Ion Ratio Lower Upper
164 100
166 123.4 104.0 156.0
129 94.4 74.5 111.7
131 86.6 72.3 108.5





#65

Chlorobenzene

Concen: 55.340 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

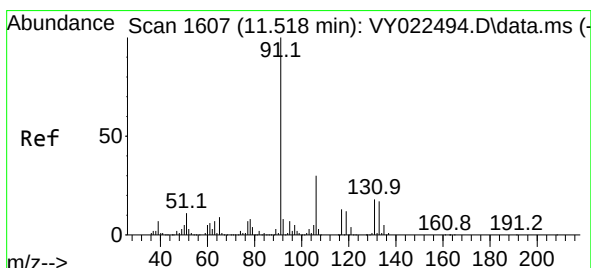
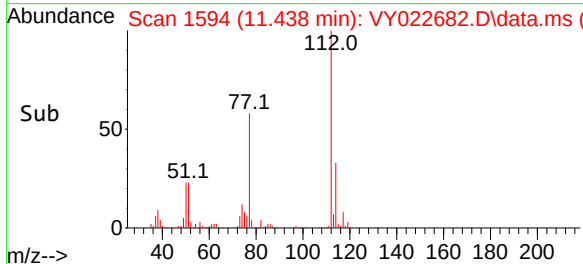
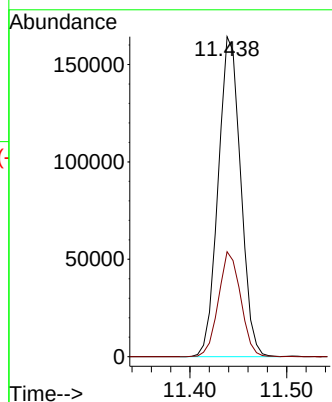
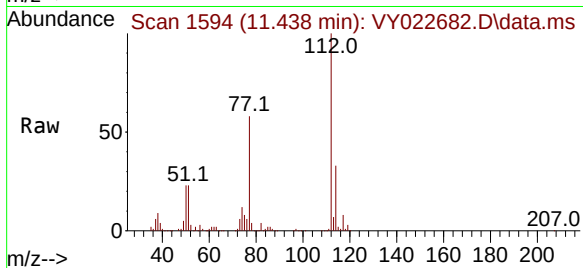
VSTDCCC050

Tgt Ion:112 Resp: 265151

Ion Ratio Lower Upper

112 100

114 32.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.514 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

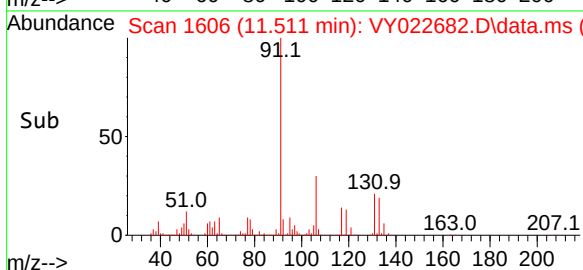
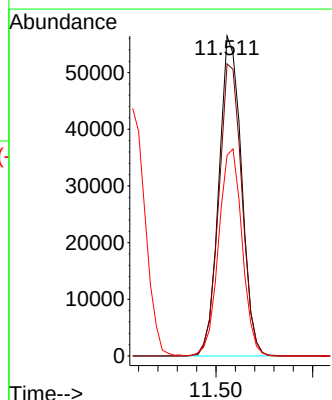
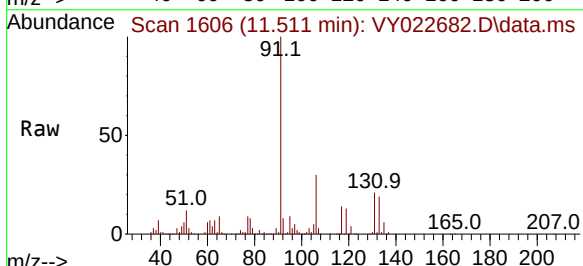
Tgt Ion:131 Resp: 91217

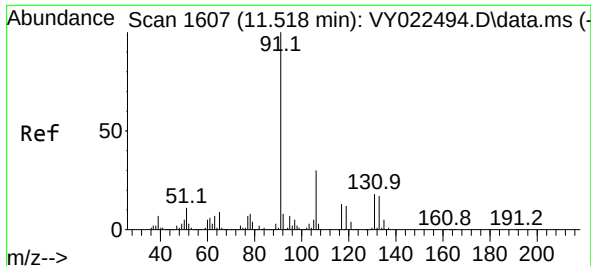
Ion Ratio Lower Upper

131 100

133 93.4 47.3 141.8

119 67.2 33.1 99.3





#67

Ethyl Benzene

Concen: 55.675 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

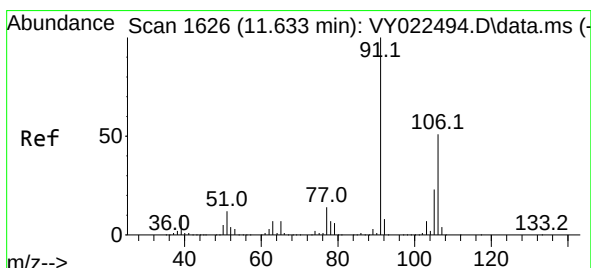
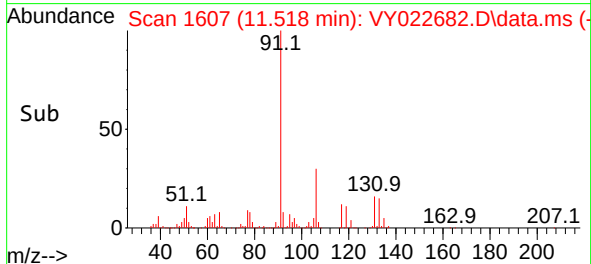
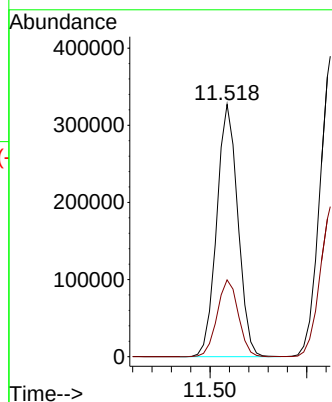
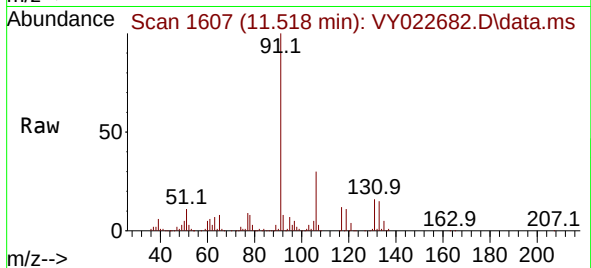
VSTDCCC050

Tgt Ion: 91 Resp: 494780

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 111.628 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022682.D

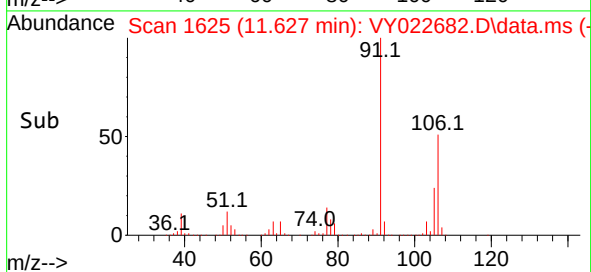
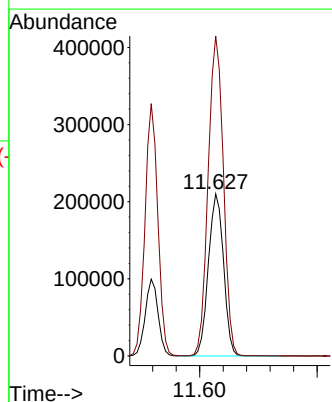
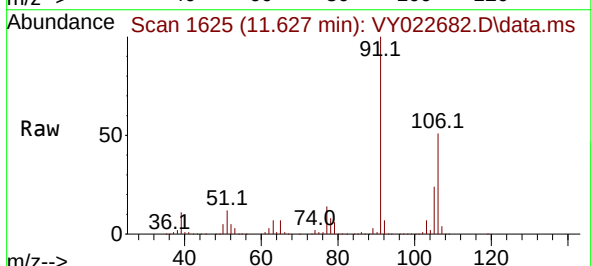
Acq: 13 Jun 2025 08:36

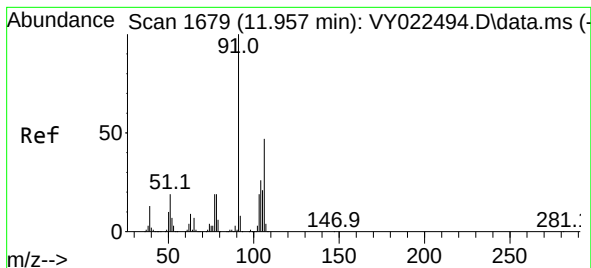
Tgt Ion:106 Resp: 376068

Ion Ratio Lower Upper

106 100

91 198.4 159.4 239.0

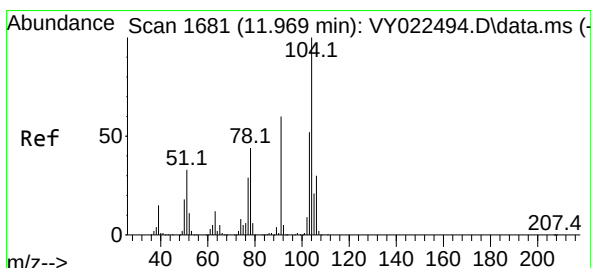
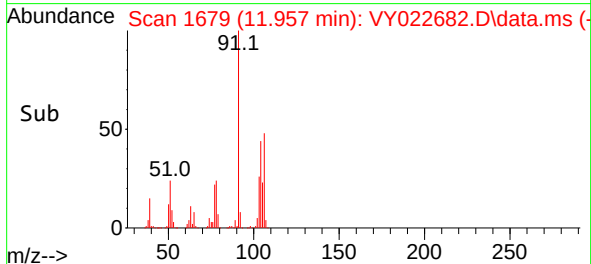
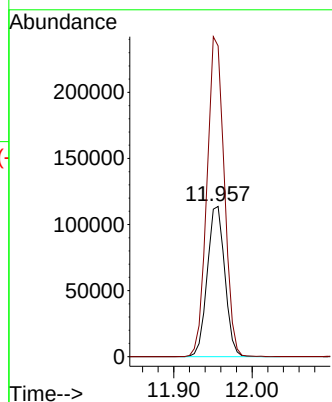
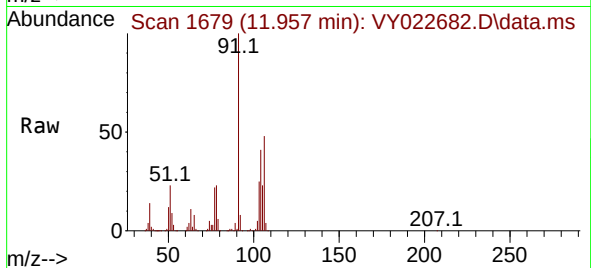




#69
o-Xylene
Concen: 55.897 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

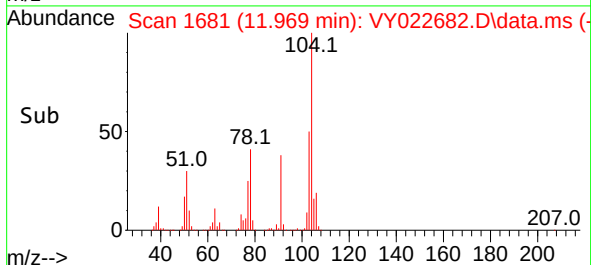
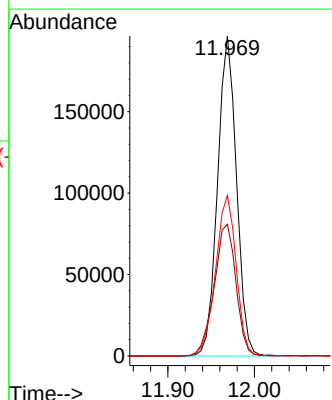
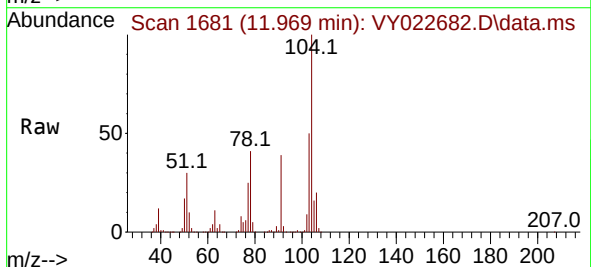
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

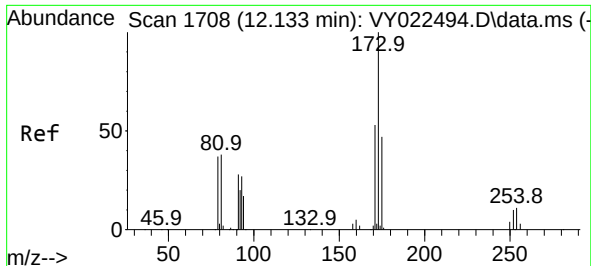
Tgt Ion:106 Resp: 176556
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.3



#70
Styrene
Concen: 57.104 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:104 Resp: 298147
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 54.6 44.1 66.1

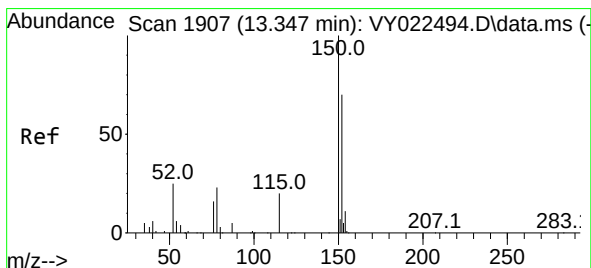
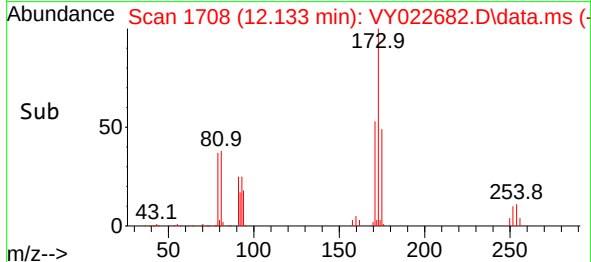
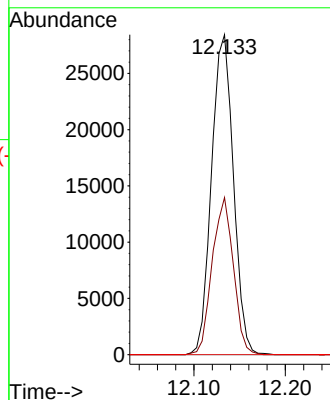
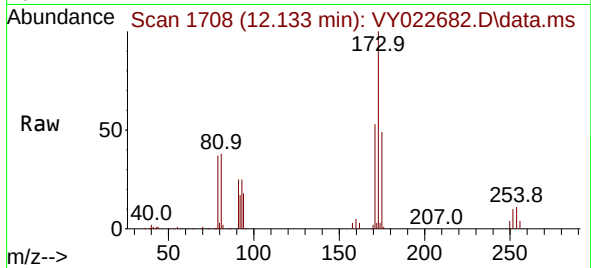




#71
Bromoform
Concen: 55.000 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

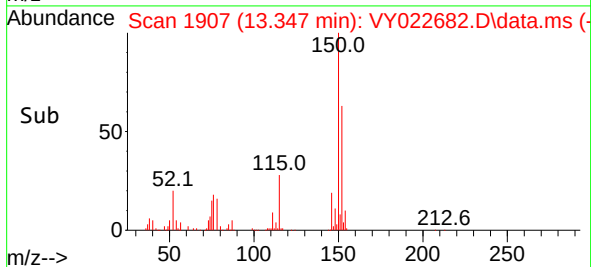
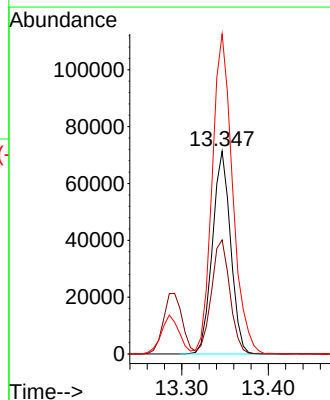
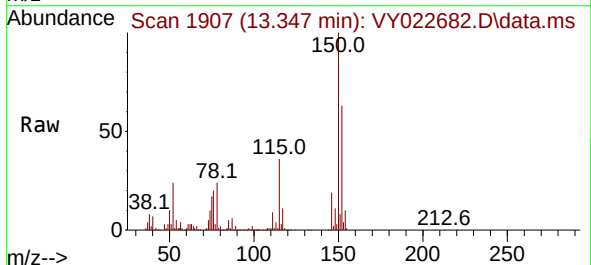
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

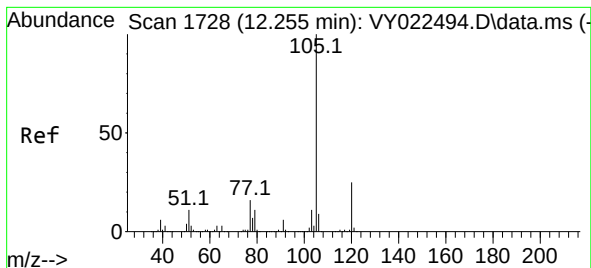
Tgt Ion:173 Resp: 47241
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion:152 Resp: 104128
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 177.0 0.0 349.6





#73

Isopropylbenzene

Concen: 54.067 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

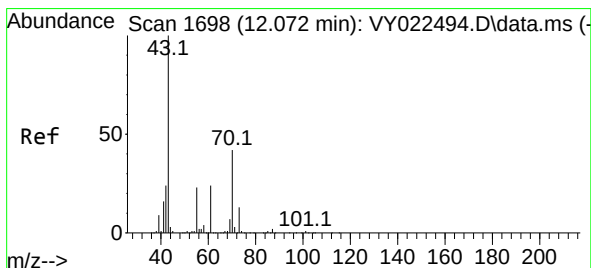
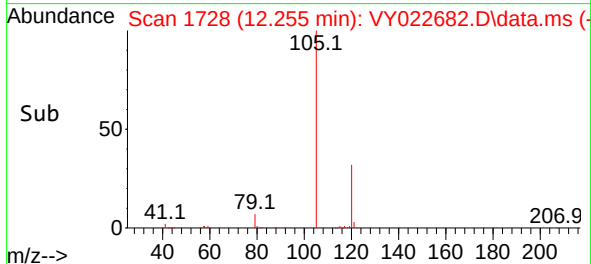
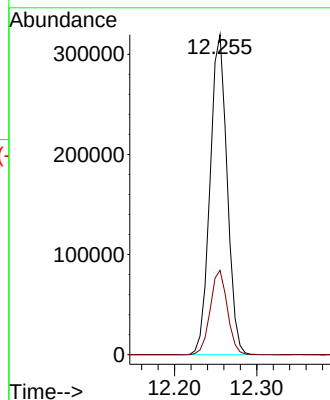
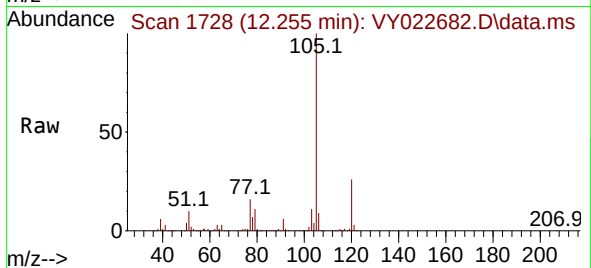
VSTDCCC050

Tgt Ion:105 Resp: 462217

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 51.221 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Tgt Ion: 43 Resp: 110486

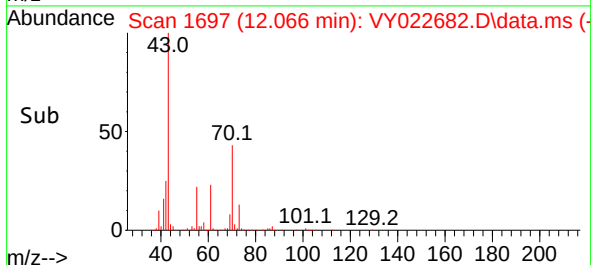
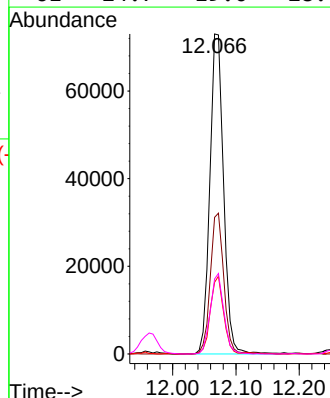
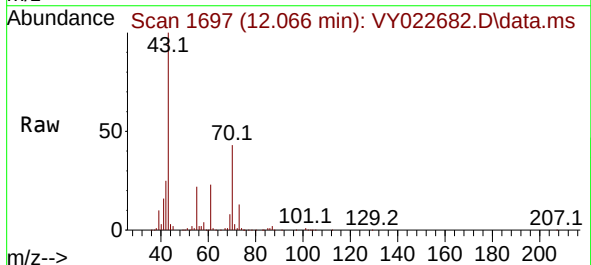
Ion Ratio Lower Upper

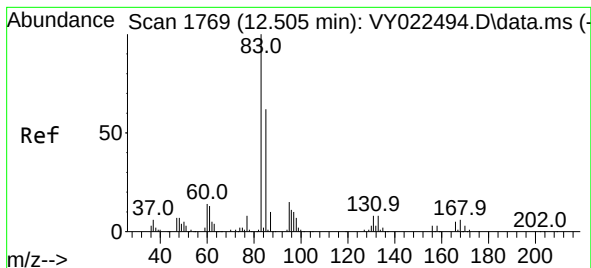
43 100

70 43.4 34.2 51.2

55 23.3 18.2 27.4

61 24.7 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 48.889 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

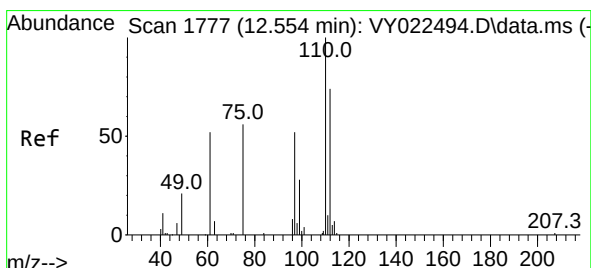
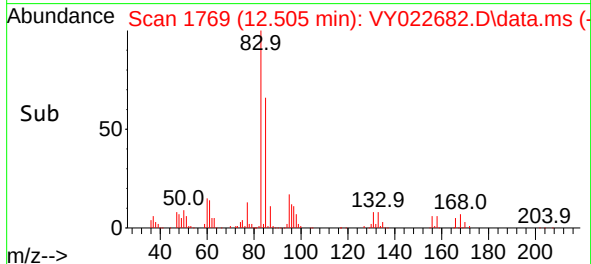
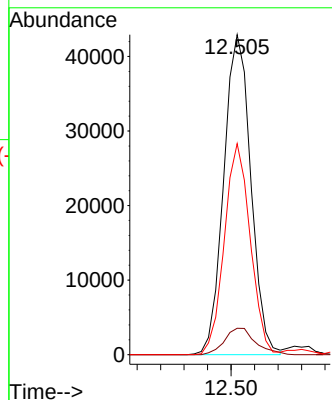
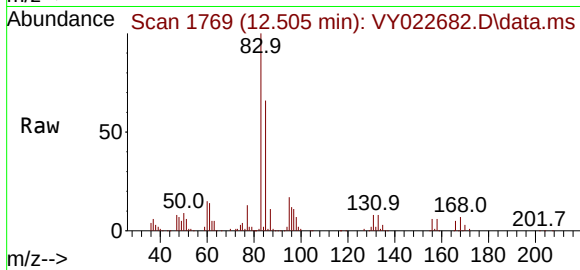
Tgt Ion: 83 Resp: 68596

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

85 63.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 87.462 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022682.D

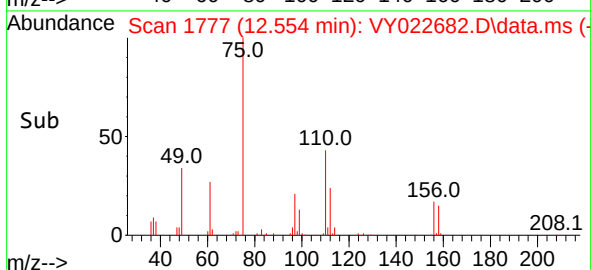
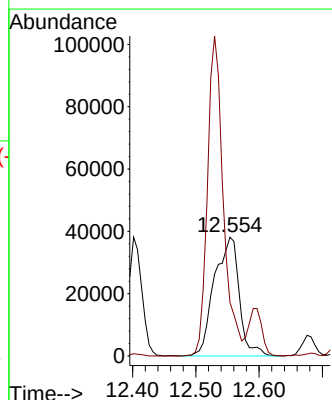
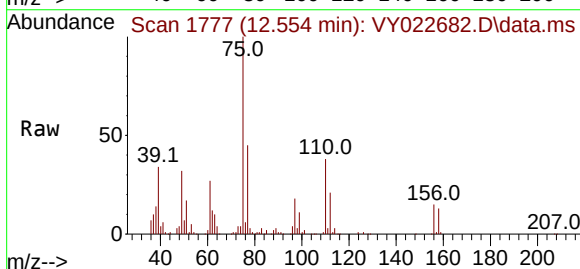
Acq: 13 Jun 2025 08:36

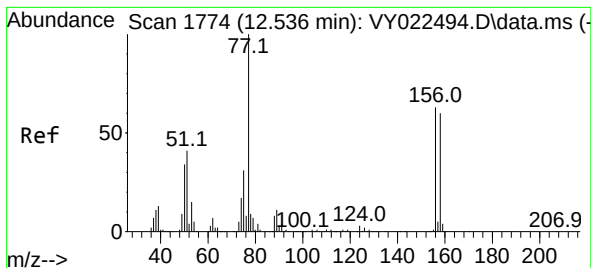
Tgt Ion: 75 Resp: 104190

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.043 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

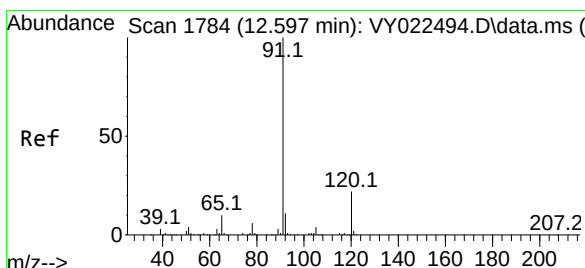
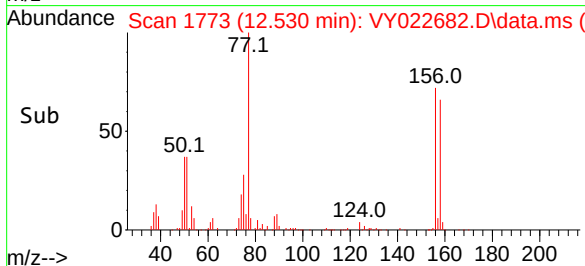
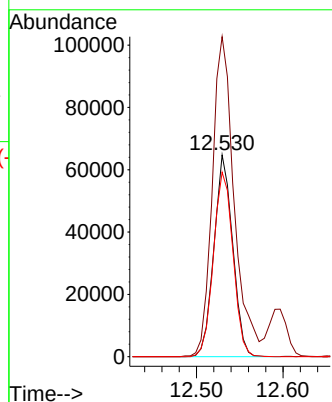
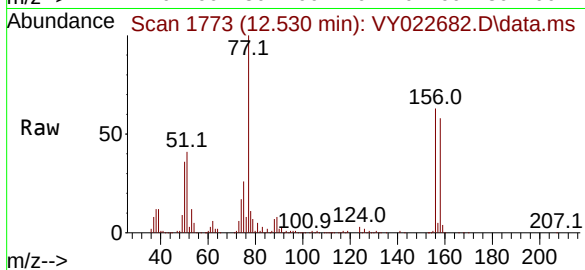
Tgt Ion:156 Resp: 97495

Ion Ratio Lower Upper

156 100

77 184.3 94.0 282.1

158 95.3 48.2 144.6



#78

n-propylbenzene

Concen: 54.463 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022682.D

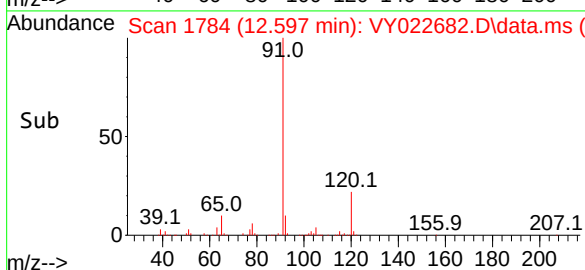
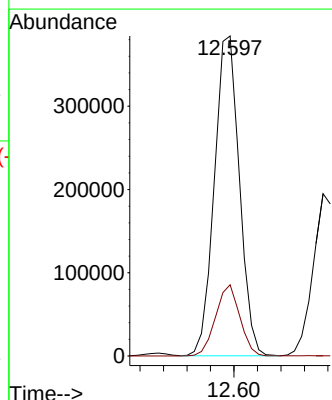
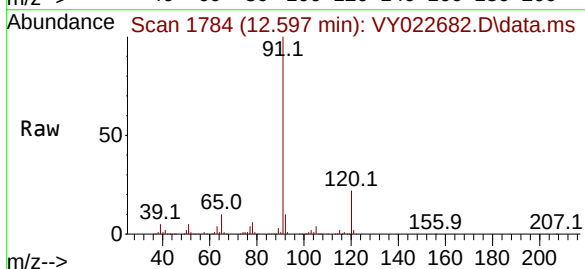
Acq: 13 Jun 2025 08:36

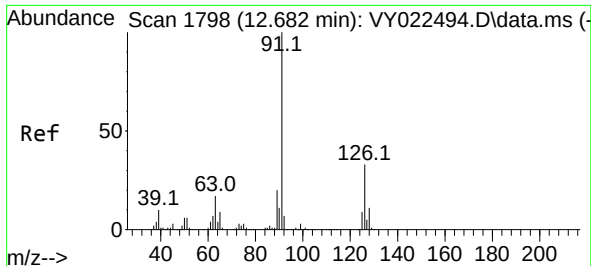
Tgt Ion: 91 Resp: 568674

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.4

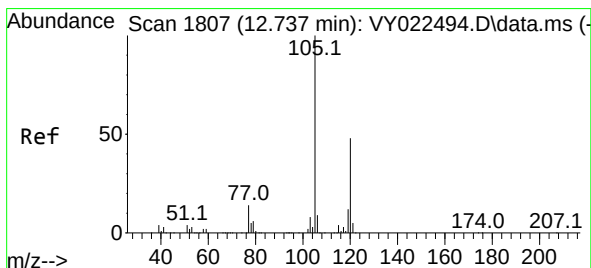
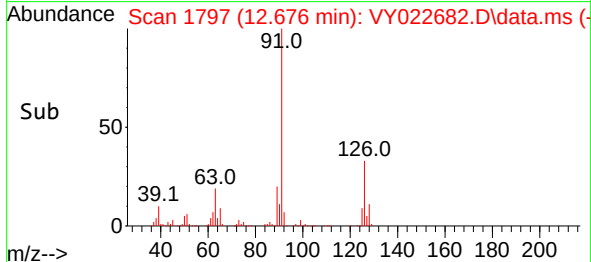
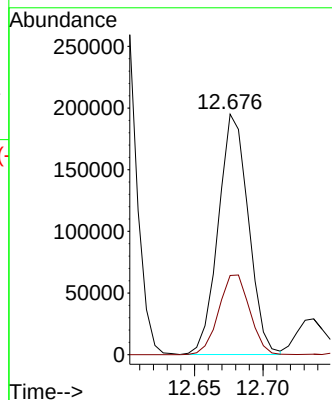
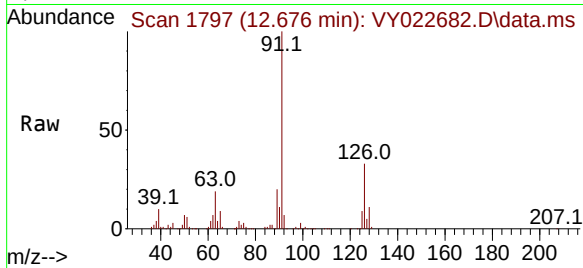




#79
2-Chlorotoluene
Concen: 53.990 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

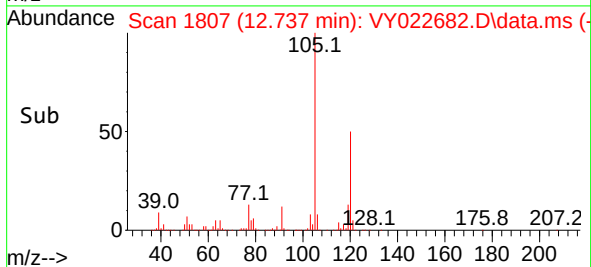
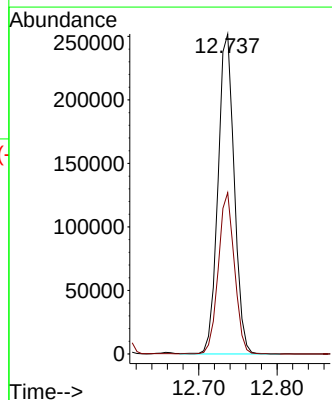
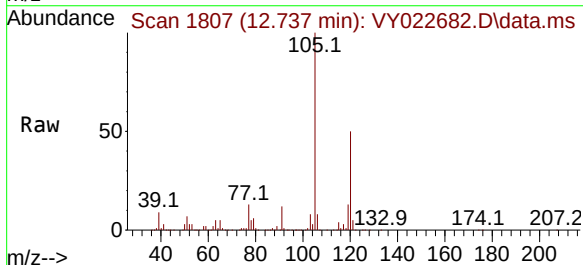
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

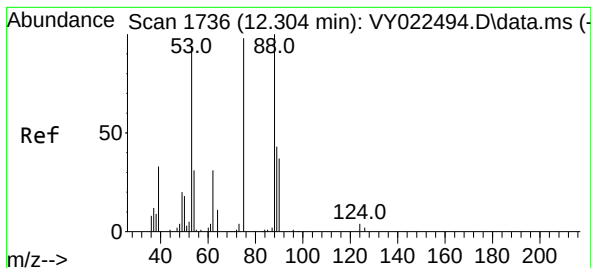
Tgt Ion: 91 Resp: 298783
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 54.092 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 105 Resp: 363045
Ion Ratio Lower Upper
105 100
120 50.0 24.1 72.4

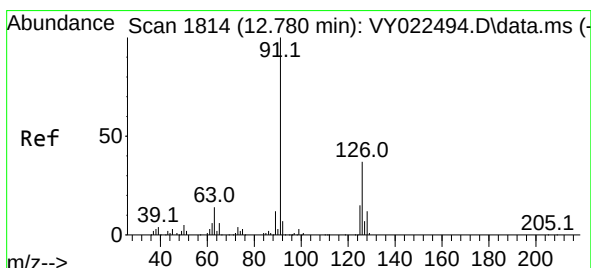
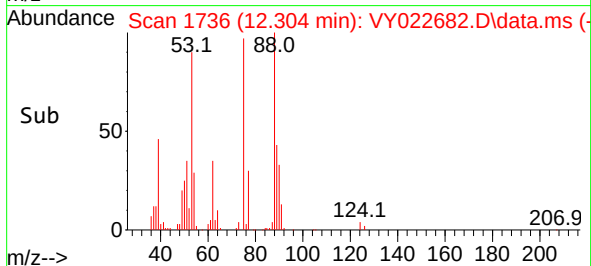
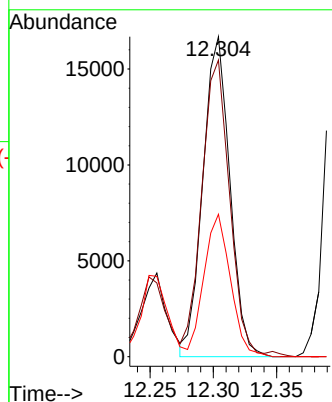
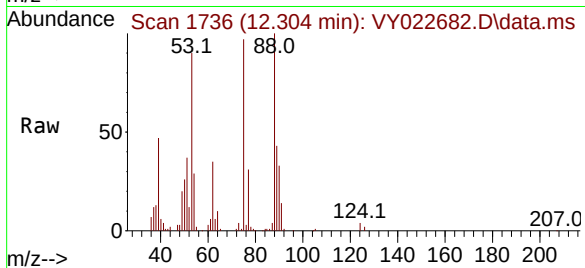




#81
trans-1,4-Dichloro-2-butene
Concen: 50.200 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

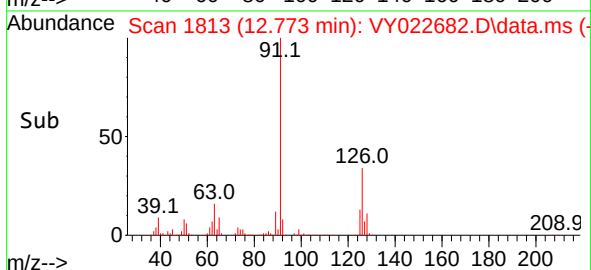
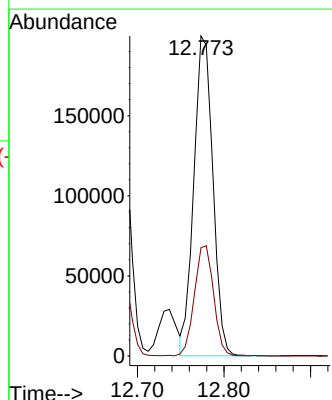
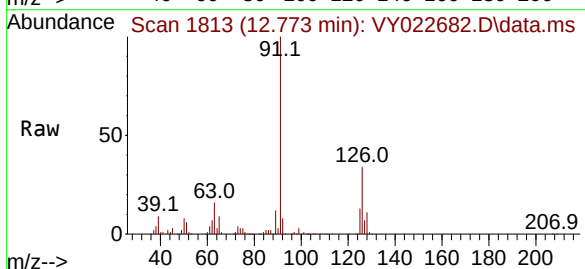
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

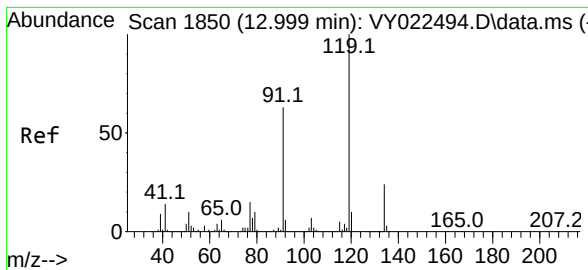
Tgt Ion: 75 Resp: 24763
Ion Ratio Lower Upper
75 100
53 96.3 78.5 117.7
89 43.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 53.438 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022682.D
Acq: 13 Jun 2025 08:36

Tgt Ion: 91 Resp: 305072
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9

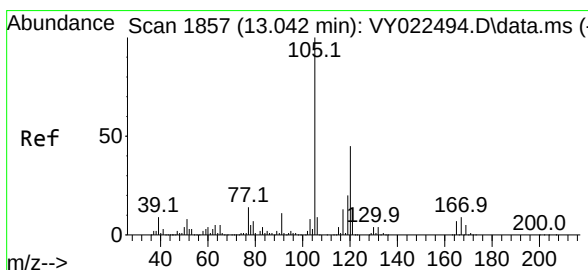
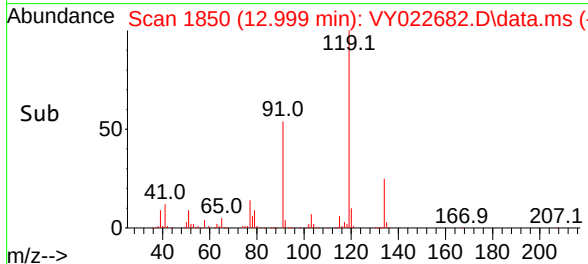
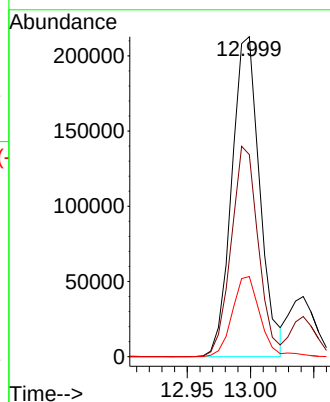
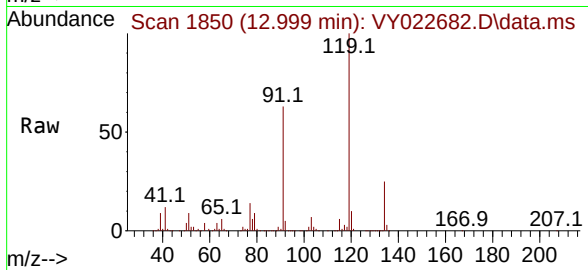




#83
 tert-Butylbenzene
 Concen: 54.537 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022682.D
 Acq: 13 Jun 2025 08:36

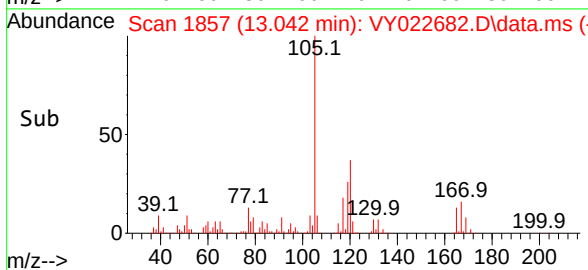
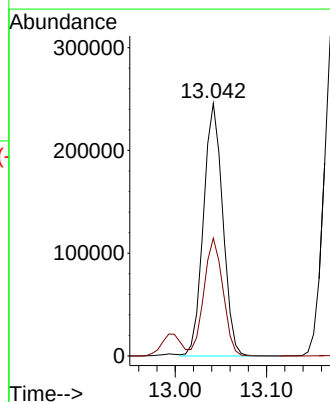
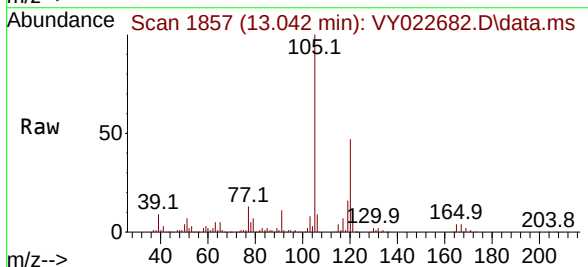
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

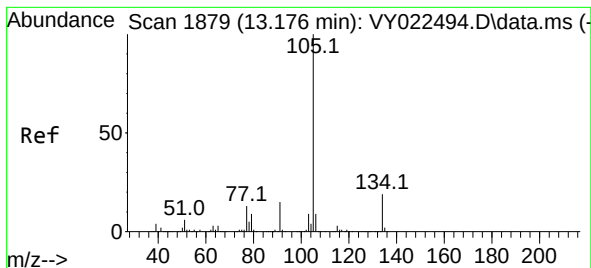
Tgt Ion:119 Resp: 328519
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.1 96.3
 134 25.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.591 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022682.D
 Acq: 13 Jun 2025 08:36

Tgt Ion:105 Resp: 359745
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.139 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

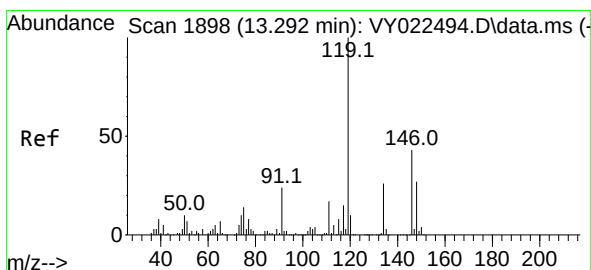
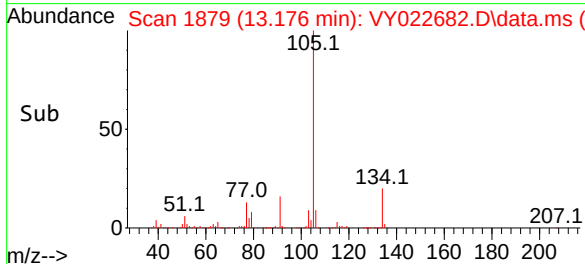
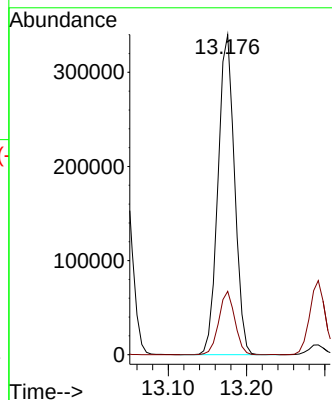
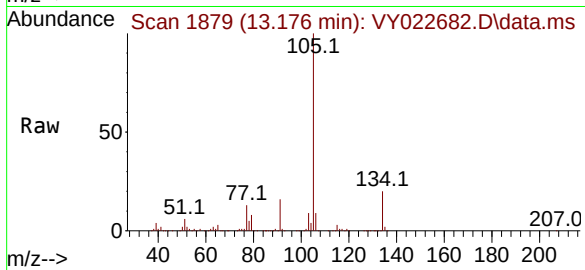
VSTDCCC050

Tgt Ion:105 Resp: 499472

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 54.419 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

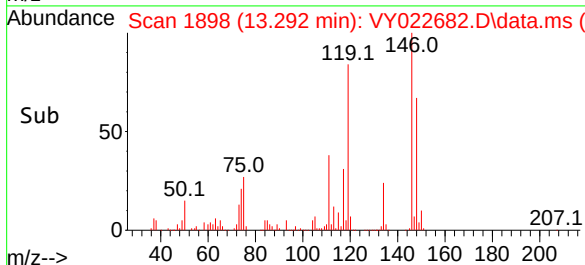
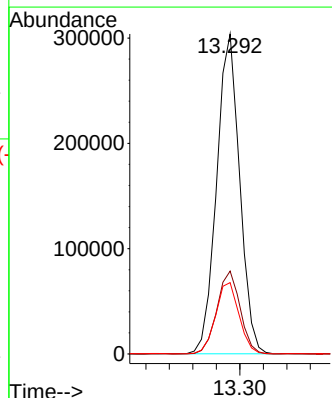
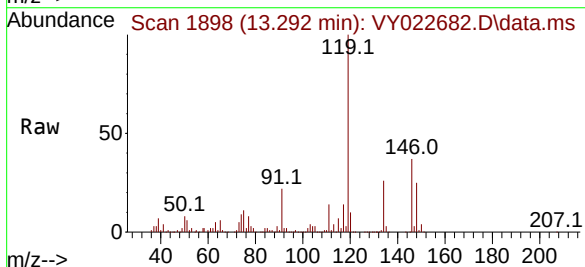
Tgt Ion:119 Resp: 413830

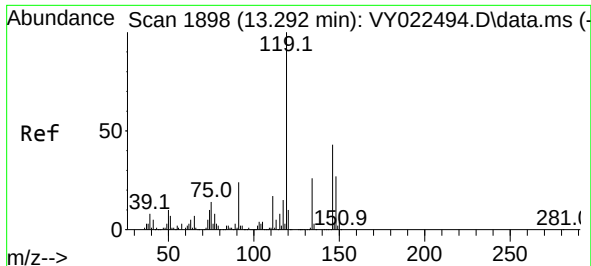
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.7 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 53.966 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

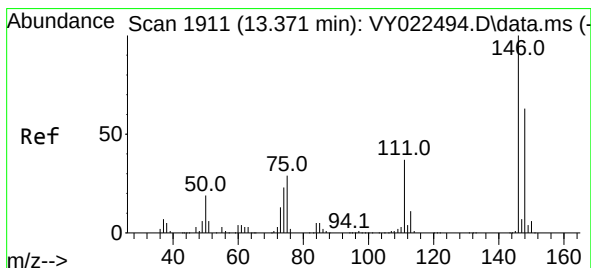
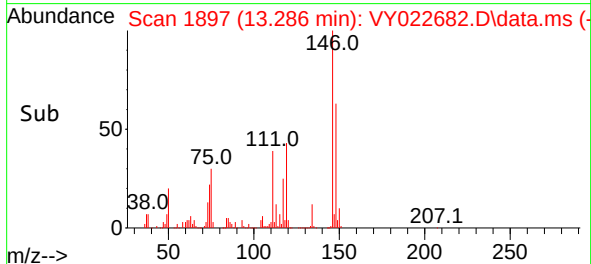
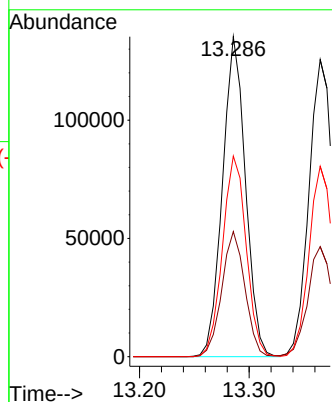
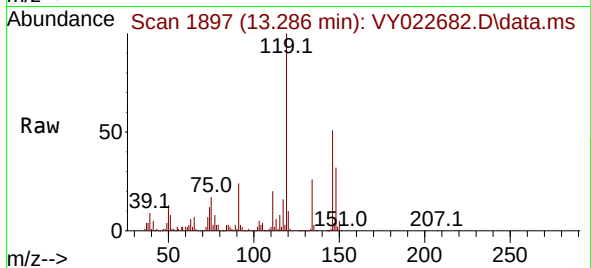
Tgt Ion:146 Resp: 197253

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

148 64.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 54.527 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

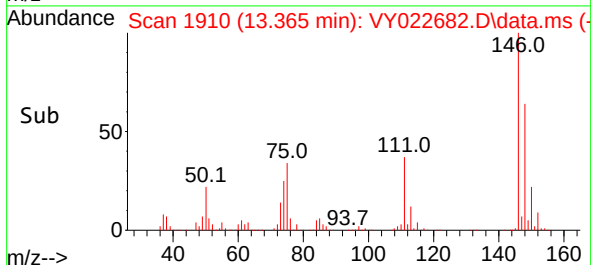
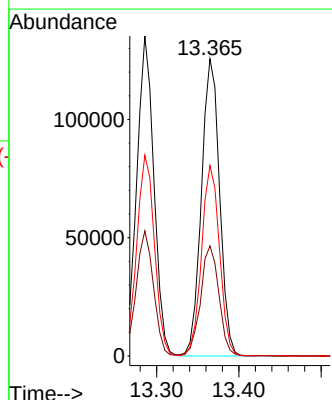
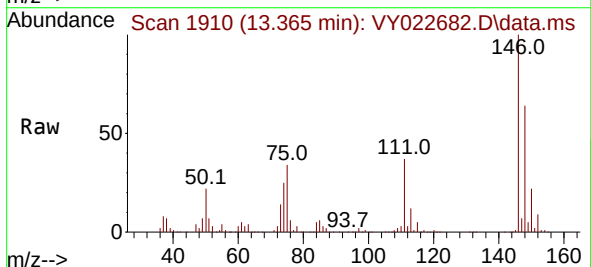
Tgt Ion:146 Resp: 193304

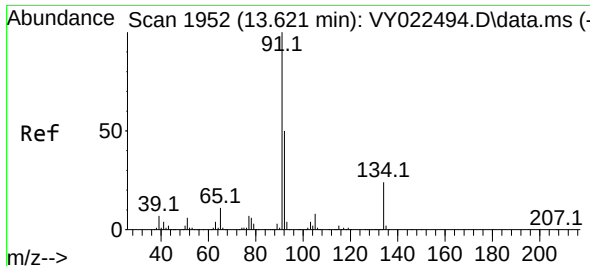
Ion Ratio Lower Upper

146 100

111 37.4 19.4 58.2

148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 55.127 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

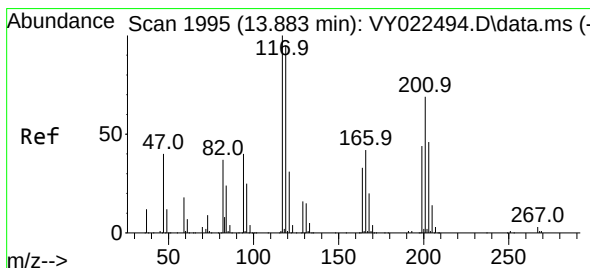
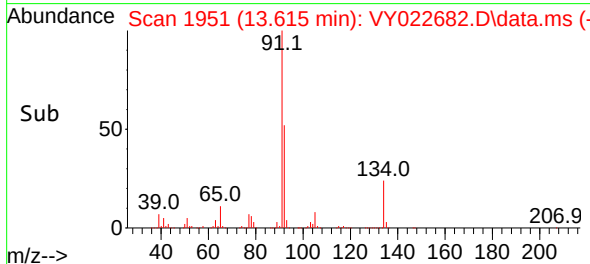
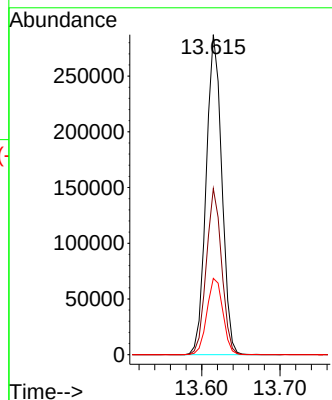
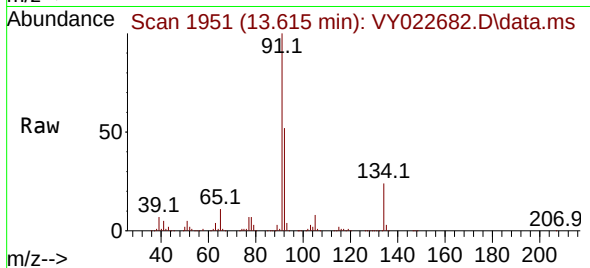
Tgt Ion: 91 Resp: 397736

Ion Ratio Lower Upper

91 100

92 50.7 25.9 77.8

134 24.4 12.0 36.1



#90

Hexachloroethane

Concen: 54.470 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022682.D

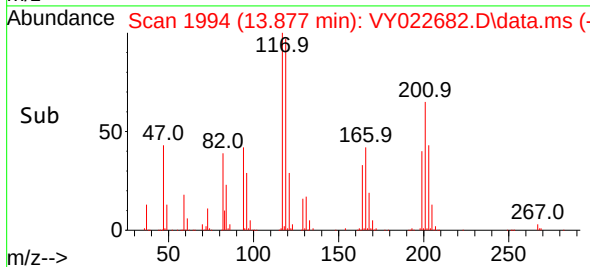
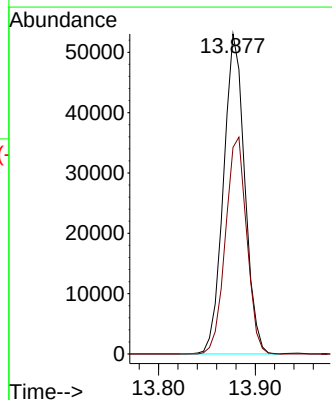
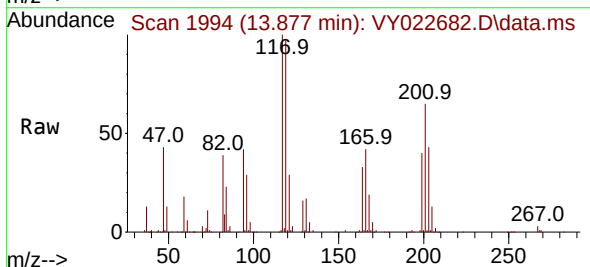
Acq: 13 Jun 2025 08:36

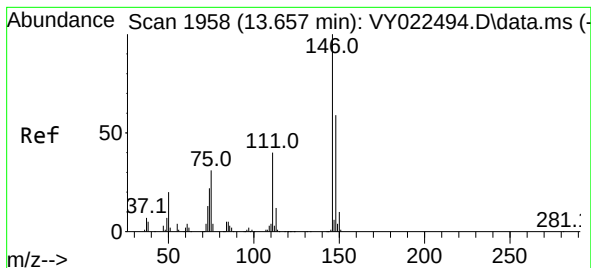
Tgt Ion: 117 Resp: 80641

Ion Ratio Lower Upper

117 100

201 67.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 55.188 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

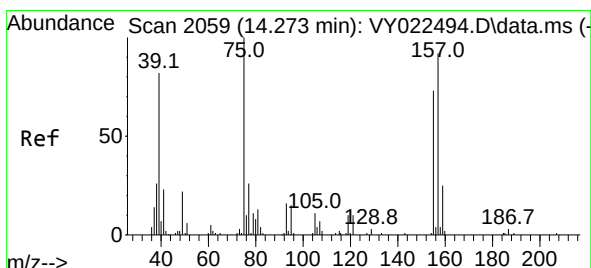
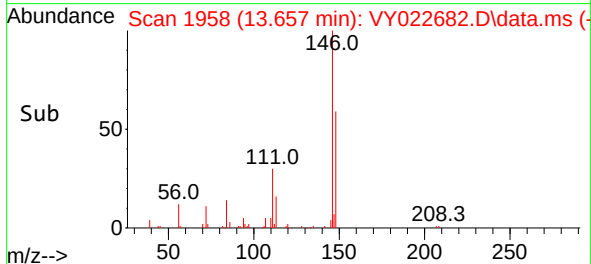
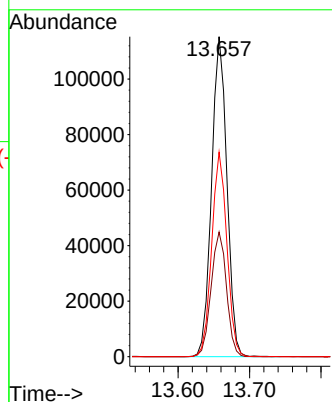
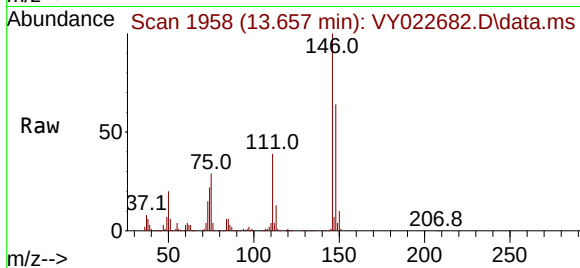
Tgt Ion:146 Resp: 171268

Ion Ratio Lower Upper

146 100

111 39.2 20.2 60.6

148 63.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.381 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

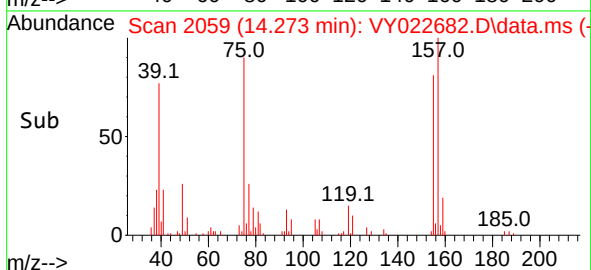
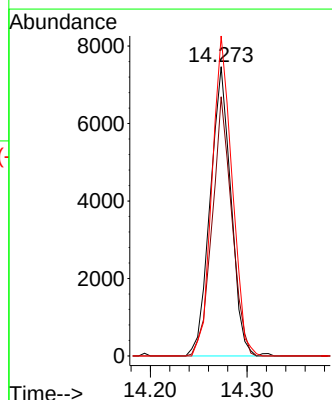
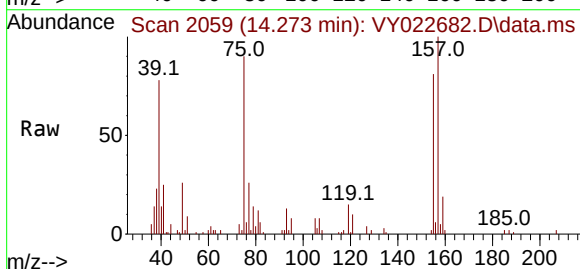
Tgt Ion: 75 Resp: 11109

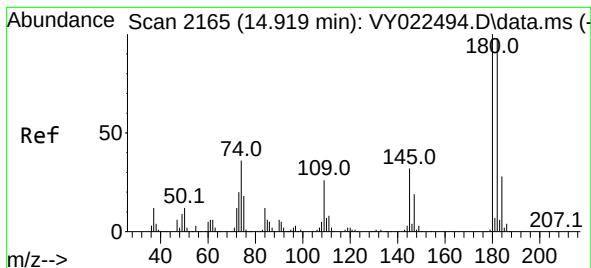
Ion Ratio Lower Upper

75 100

155 84.6 39.9 119.6

157 107.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 55.913 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

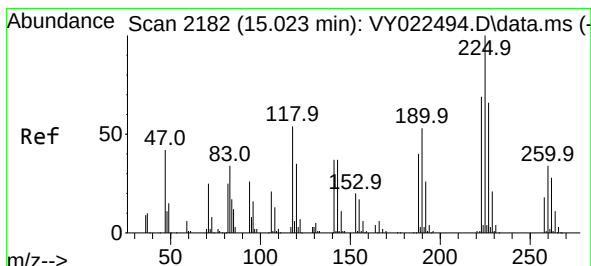
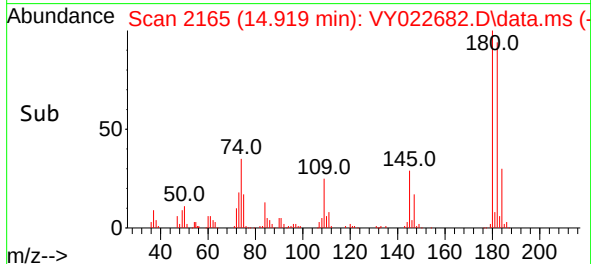
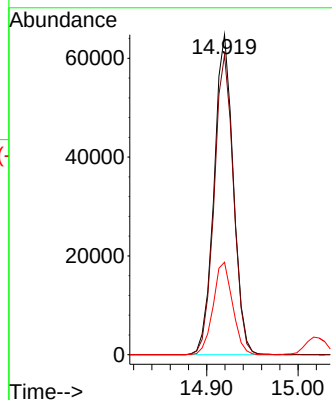
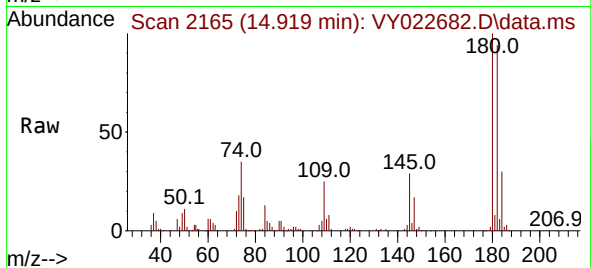
Tgt Ion:180 Resp: 94634

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.3

145 29.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 54.886 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

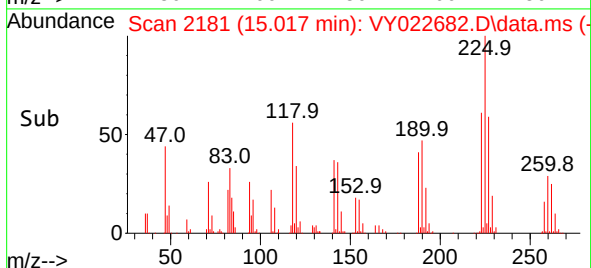
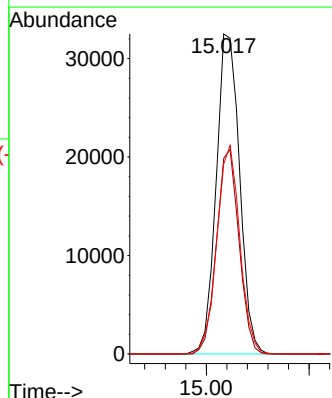
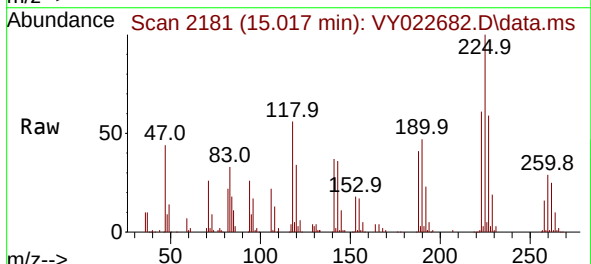
Tgt Ion:225 Resp: 51273

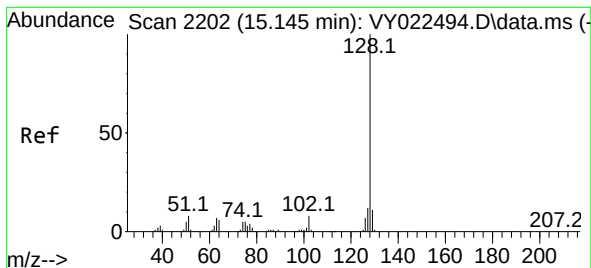
Ion Ratio Lower Upper

225 100

223 61.5 32.5 97.4

227 63.8 32.3 96.9





#95

Naphthalene

Concen: 53.722 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

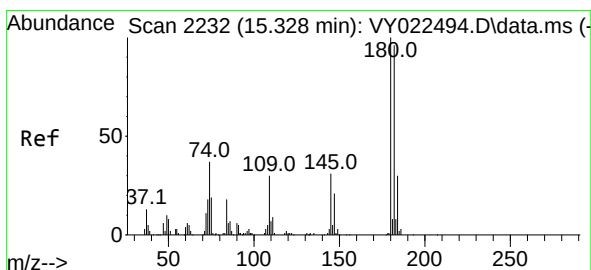
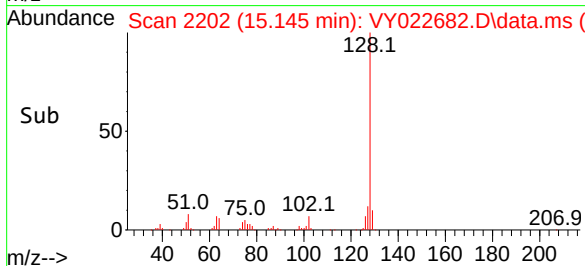
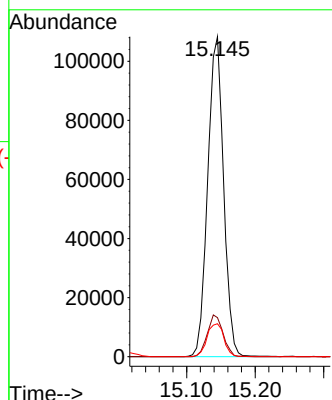
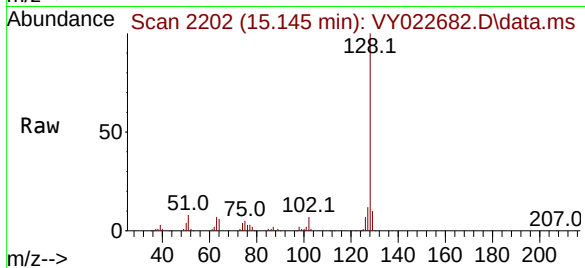
Tgt Ion:128 Resp: 174487

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.942 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022682.D

Acq: 13 Jun 2025 08:36

Tgt Ion:180 Resp: 79694

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.1 15.2 45.6

