

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022742.D
 Acq On : 19 Jun 2025 09:10
 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 20 02:52:59 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	7.713	168	138661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	231867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	198920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	92724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82367	53.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.220%	
35) Dibromofluoromethane	7.634	113	74887	54.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.109	98	297824	53.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.408	95	85091	51.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	55615	44.799	ug/l	98
3) Chloromethane	2.068	50	146616	39.977	ug/l	99
4) Vinyl Chloride	2.208	62	199624	46.920	ug/l	97
5) Bromomethane	2.598	94	163575	40.113	ug/l	99
6) Chloroethane	2.739	64	148397	50.816	ug/l	98
7) Trichlorofluoromethane	3.056	101	183502	50.805	ug/l	97
8) Diethyl Ether	3.452	74	42298	52.001	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	81173	53.361	ug/l	98
10) Methyl Iodide	4.007	142	90181	54.780	ug/l	98
11) Tert butyl alcohol	4.860	59	25975	234.502	ug/l #	93
12) 1,1-Dichloroethene	3.793	96	75962	52.240	ug/l	99
13) Acrolein	3.653	56	9596	69.514	ug/l	95
14) Allyl chloride	4.385	41	117558	51.499	ug/l	98
15) Acrylonitrile	5.055	53	91170	264.654	ug/l	99
16) Acetone	3.873	43	88320	280.422	ug/l	95
17) Carbon Disulfide	4.104	76	224429	48.209	ug/l	98
18) Methyl Acetate	4.391	43	54736	58.688	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	217901	53.204	ug/l	99
20) Methylene Chloride	4.616	84	91627	51.215	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	87408	53.710	ug/l	97
22) Diisopropyl ether	6.019	45	273729	53.872	ug/l	96
23) Vinyl Acetate	5.964	43	761132	253.088	ug/l	100
24) 1,1-Dichloroethane	5.915	63	170153	56.843	ug/l	99
25) 2-Butanone	6.896	43	119835	263.777	ug/l	97
26) 2,2-Dichloropropane	6.890	77	149556	56.547	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	104198	55.394	ug/l	98
28) Bromochloromethane	7.250	49	70148	53.760	ug/l	97
29) Tetrahydrofuran	7.262	42	74655	254.785	ug/l	100
30) Chloroform	7.427	83	170088	57.367	ug/l	98
31) Cyclohexane	7.701	56	140281	47.073	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	148949	56.592	ug/l	99
36) 1,1-Dichloropropene	7.841	75	121499	54.091	ug/l	99
37) Ethyl Acetate	6.988	43	51619	51.532	ug/l	99
38) Carbon Tetrachloride	7.823	117	129243	56.089	ug/l	96
39) Methylcyclohexane	9.109	83	152074	50.380	ug/l	99
40) Benzene	8.085	78	374033	56.379	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29035	49.625	ug/l	96
42) 1,2-Dichloroethane	8.158	62	101608	56.092	ug/l	99
43) Isopropyl Acetate	8.201	43	109705	50.710	ug/l	98
44) Trichloroethene	8.866	130	89780	55.370	ug/l	96
45) 1,2-Dichloropropane	9.140	63	90244	57.557	ug/l	98
46) Dibromomethane	9.231	93	48415	54.887	ug/l	97
47) Bromodichloromethane	9.426	83	130349	58.279	ug/l	98
48) Methyl methacrylate	9.225	41	52415	51.624	ug/l	98
49) 1,4-Dioxane	9.231	88	10523	1006.978	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	287633	266.676	ug/l	98
52) Toluene	10.170	92	231876	55.617	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	115321	55.029	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	137801	56.488	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	64219	57.095	ug/l	96
56) Ethyl methacrylate	10.438	69	85846	52.807	ug/l	98
57) 1,3-Dichloropropane	10.719	76	113639	57.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	212275	287.603	ug/l	100
59) 2-Hexanone	10.762	43	189488	262.685	ug/l	98
60) Dibromochloromethane	10.914	129	81443	56.978	ug/l	99
61) 1,2-Dibromoethane	11.018	107	57026	55.626	ug/l	96
64) Tetrachloroethene	10.646	164	100706	58.853	ug/l	97
65) Chlorobenzene	11.444	112	245829	55.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	84194	56.778	ug/l	98
67) Ethyl Benzene	11.518	91	452489	55.422	ug/l	100
68) m/p-Xylenes	11.627	106	344550	111.322	ug/l	99
69) o-Xylene	11.957	106	160351	55.258	ug/l	99
70) Styrene	11.969	104	269132	56.108	ug/l	98
71) Bromoform	12.133	173	43716	55.400	ug/l #	100
73) Isopropylbenzene	12.255	105	419573	55.115	ug/l	99
74) N-amyl acetate	12.072	43	94800	49.354	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	67196	53.782	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	94496	89.080	ug/l #	100
77) Bromobenzene	12.530	156	88508	55.095	ug/l	99
78) n-propylbenzene	12.597	91	512268	55.094	ug/l	99
79) 2-Chlorotoluene	12.682	91	272243	55.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	326979	54.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	21799	49.626	ug/l	98
82) 4-Chlorotoluene	12.780	91	277066	54.501	ug/l	98
83) tert-Butylbenzene	12.999	119	298267	55.604	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	328248	54.913	ug/l	100
85) sec-Butylbenzene	13.176	105	449393	54.702	ug/l	99
86) p-Isopropyltoluene	13.292	119	370775	54.754	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	182521	56.077	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	174615	55.313	ug/l	99
89) n-Butylbenzene	13.615	91	354657	55.202	ug/l	99
90) Hexachloroethane	13.883	117	73533	55.778	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	150394	54.422	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9488	52.158	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	82741	54.898	ug/l	95
94) Hexachlorobutadiene	15.023	225	45298	54.454	ug/l	98
95) Naphthalene	15.145	128	150762	52.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	68444	52.989	ug/l	99

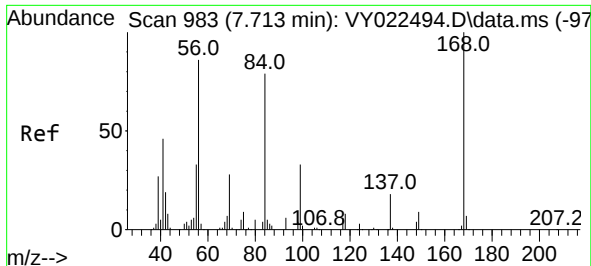
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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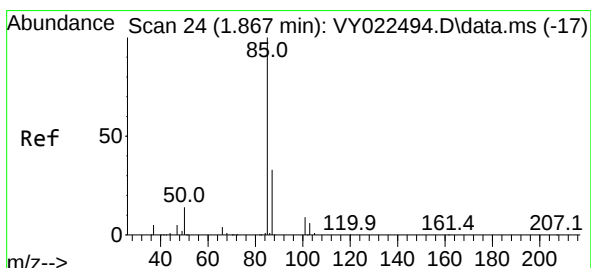
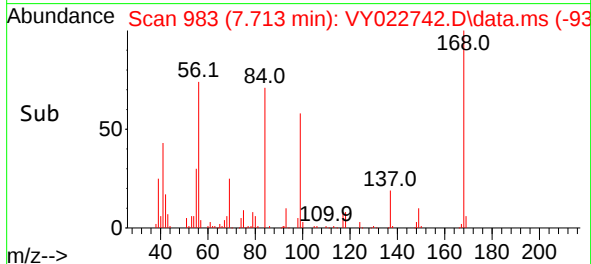
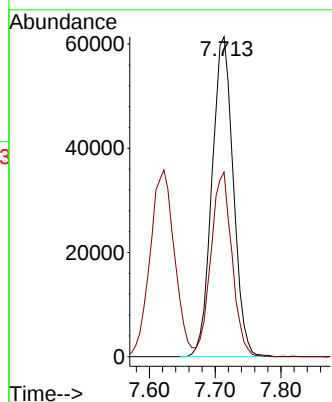
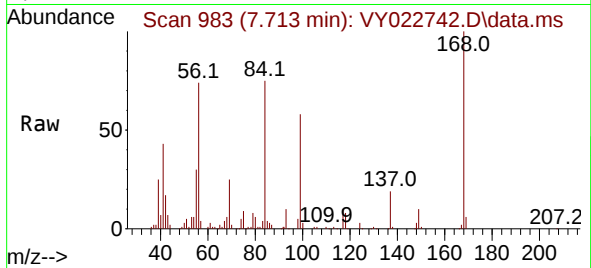
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

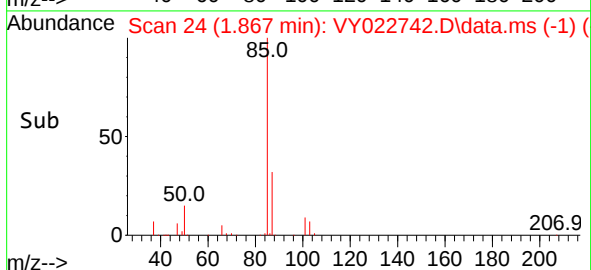
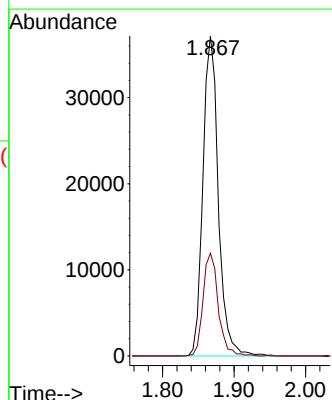
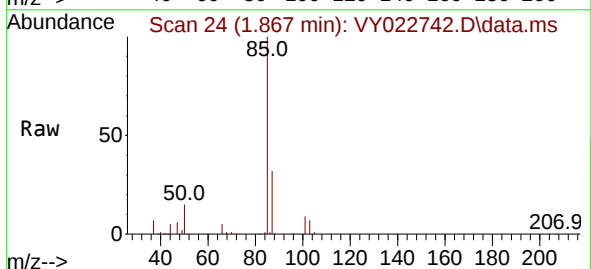
Instrument :
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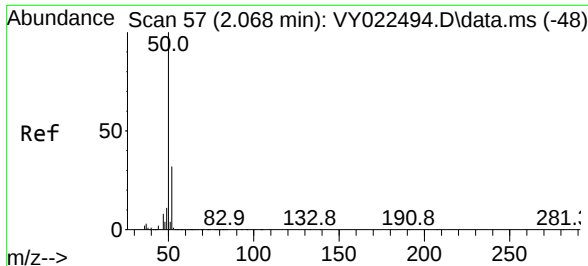
Tgt Ion:168 Resp: 138661
Ion Ratio Lower Upper
168 100
99 57.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.799 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 85 Resp: 55615
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0

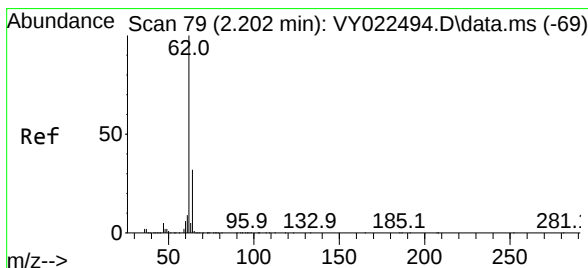
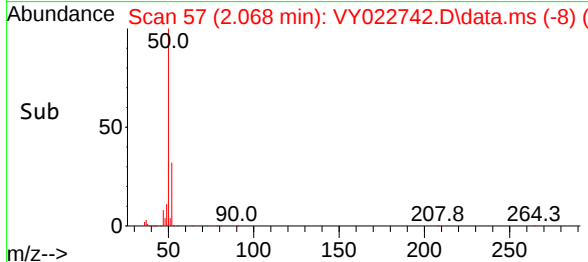
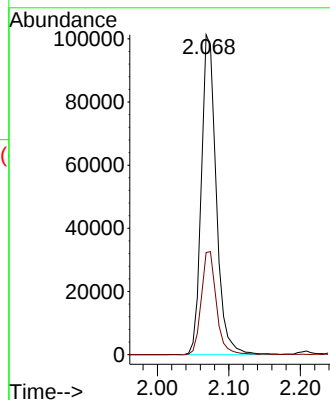
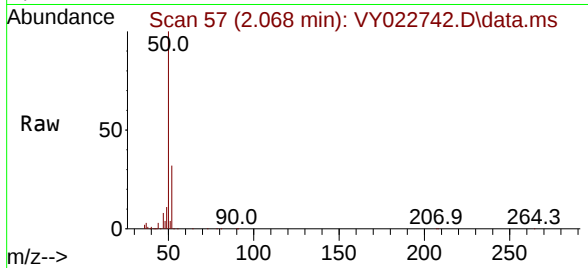




#3
Chloromethane
Concen: 39.977 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

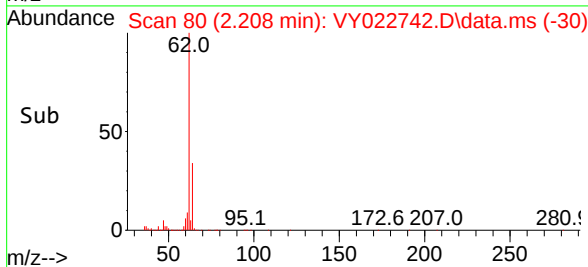
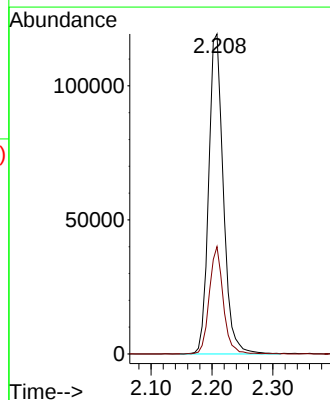
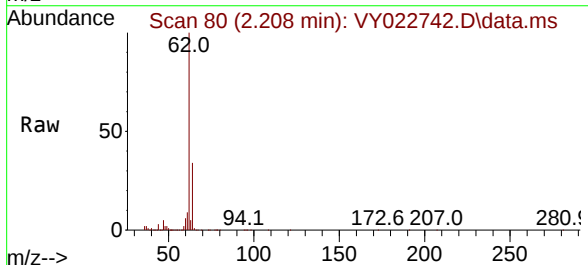
Instrument :
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ClientSampleId :
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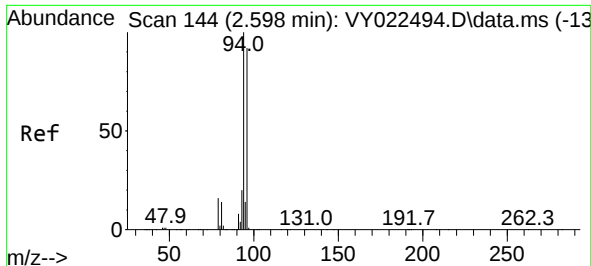
Tgt Ion: 50 Resp: 146616
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 46.920 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 62 Resp: 199624
Ion Ratio Lower Upper
62 100
64 33.5 25.3 37.9

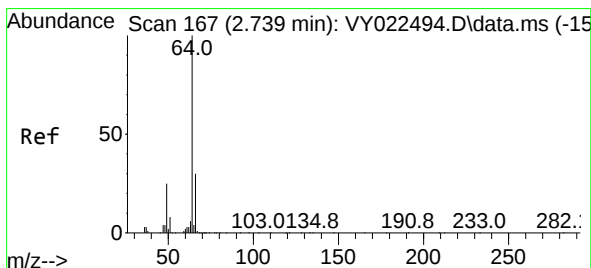
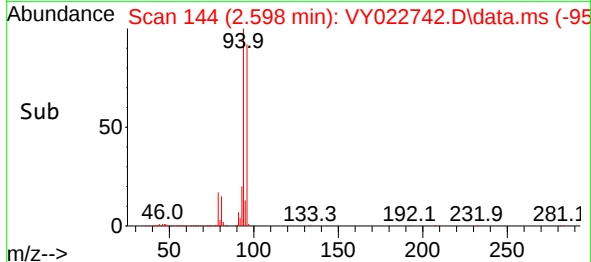
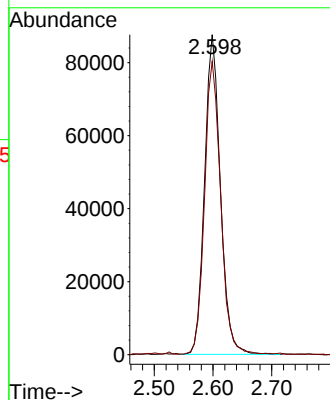
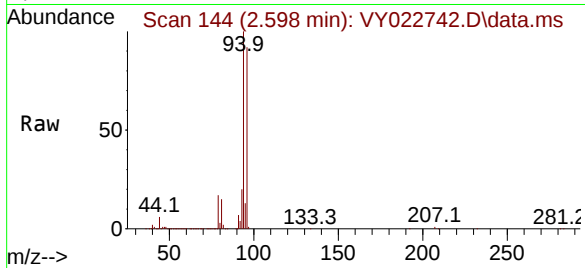




#5
Bromomethane
Concen: 40.113 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

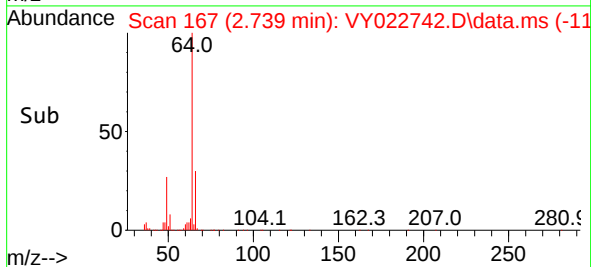
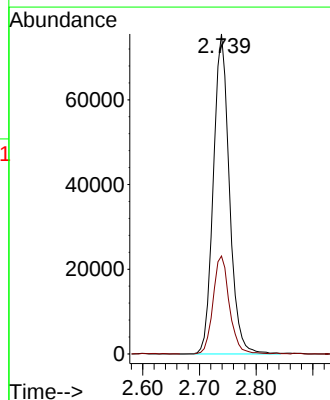
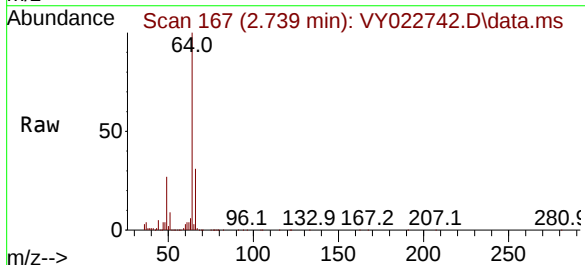
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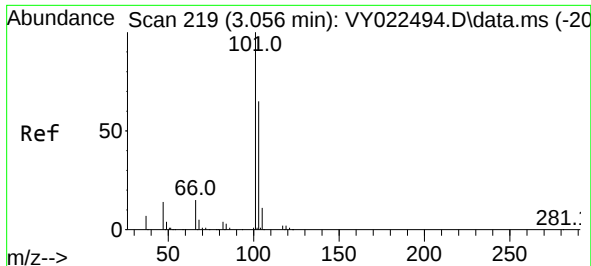
Tgt Ion: 94 Resp: 163575
Ion Ratio Lower Upper
94 100
96 91.5 74.0 111.0



#6
Chloroethane
Concen: 50.816 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 64 Resp: 148397
Ion Ratio Lower Upper
64 100
66 30.6 23.8 35.6

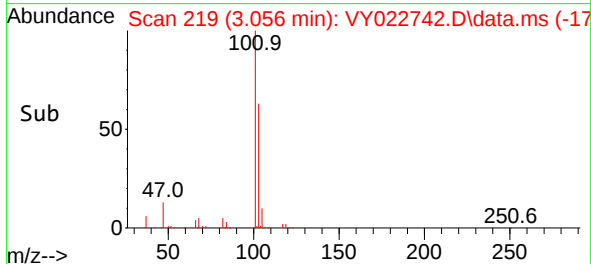
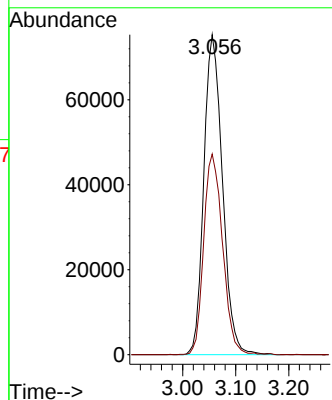
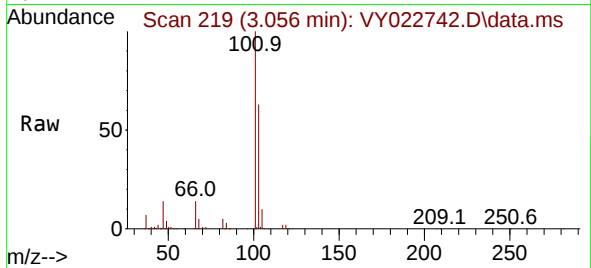




#7
Trichlorofluoromethane
Concen: 50.805 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022742.D
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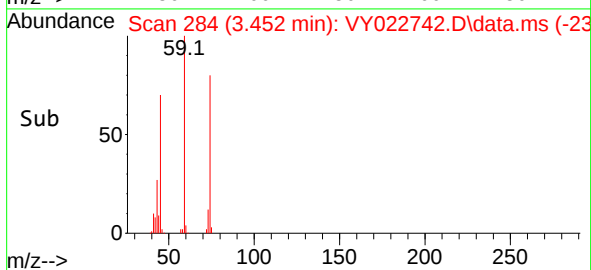
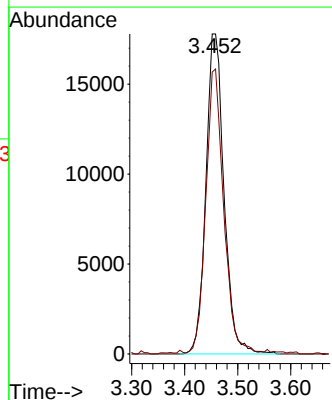
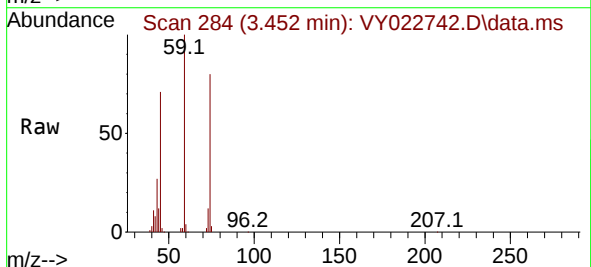
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 183502
Ion Ratio Lower Upper
101 100
103 62.7 52.2 78.2



#8
Diethyl Ether
Concen: 52.001 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 74 Resp: 42298
Ion Ratio Lower Upper
74 100
45 86.7 45.9 137.6

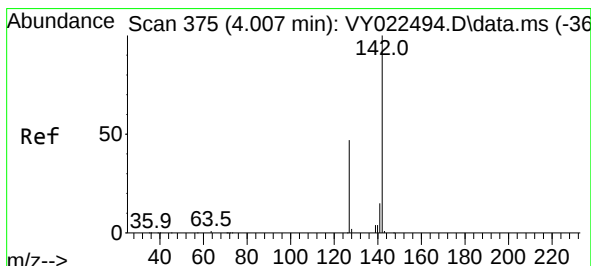
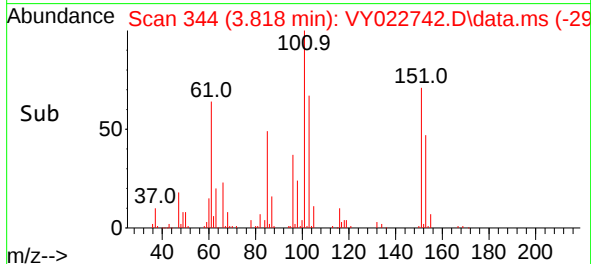
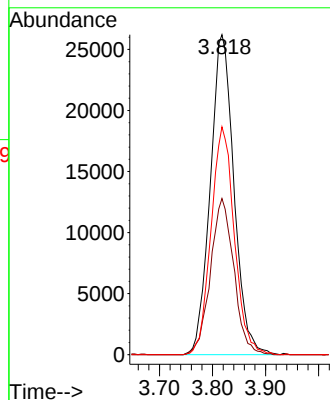
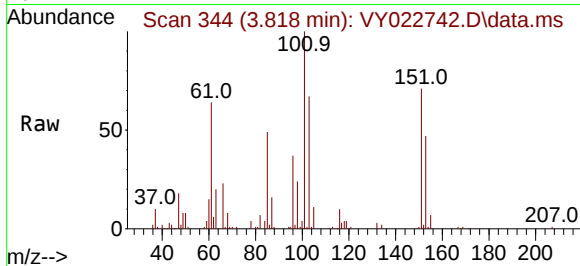




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.361 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022742.D
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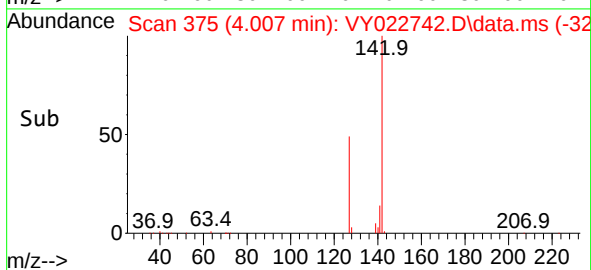
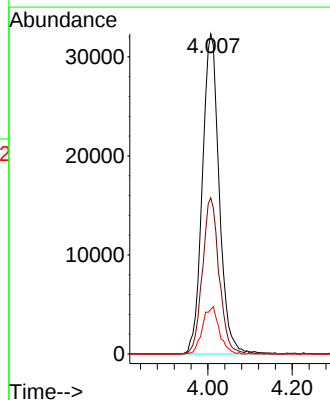
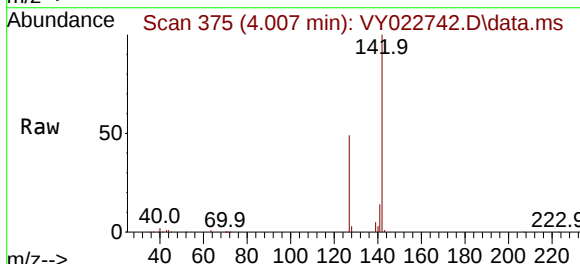
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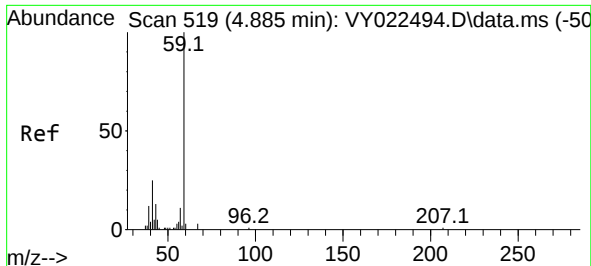
Tgt Ion:101 Resp: 81173
Ion Ratio Lower Upper
101 100
85 48.2 39.3 58.9
151 70.3 57.8 86.8



#10
Methyl Iodide
Concen: 54.780 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:142 Resp: 90181
Ion Ratio Lower Upper
142 100
127 48.0 37.1 55.7
141 14.6 11.4 17.2

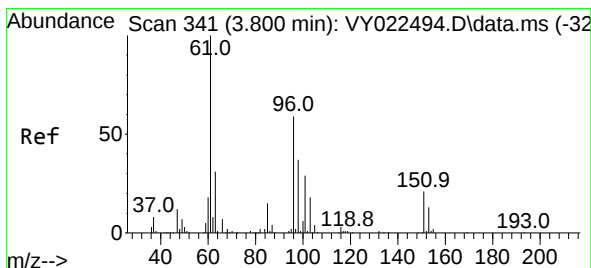
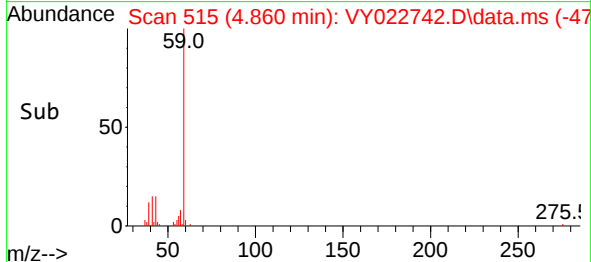
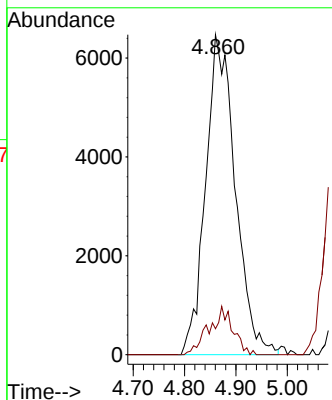
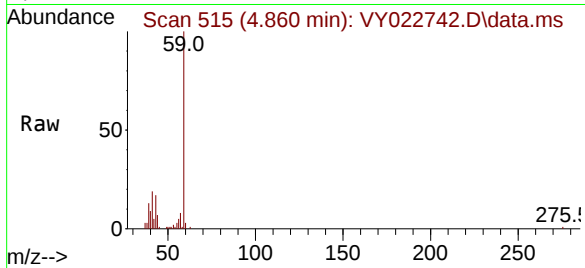




#11
Tert butyl alcohol
Concen: 234.502 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

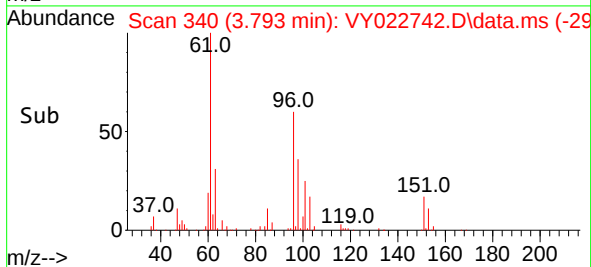
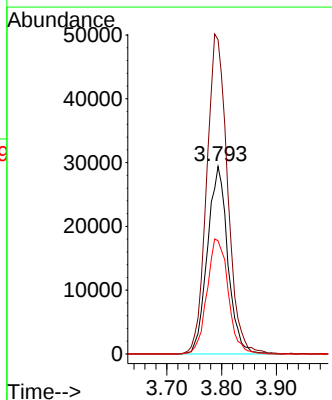
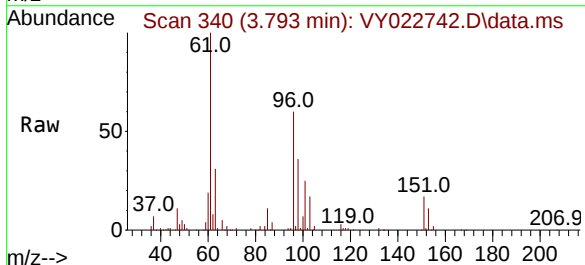
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

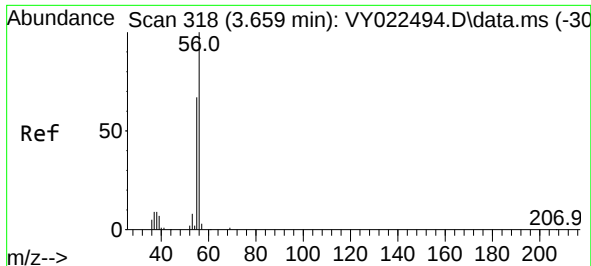
Tgt Ion: 59 Resp: 25975
Ion Ratio Lower Upper
59 100
57 7.3 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 52.240 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 96 Resp: 75962
Ion Ratio Lower Upper
96 100
61 167.5 134.6 201.8
98 60.3 50.2 75.4





#13

Acrolein

Concen: 69.514 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

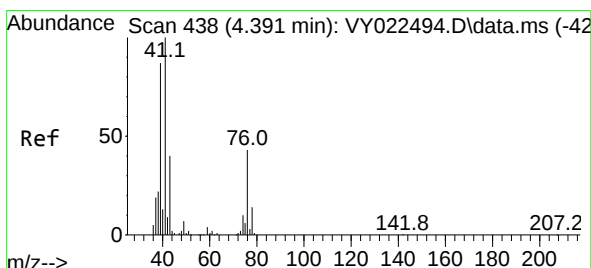
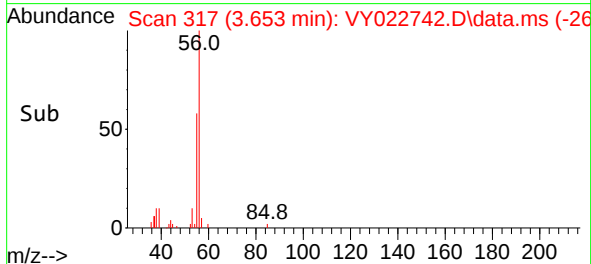
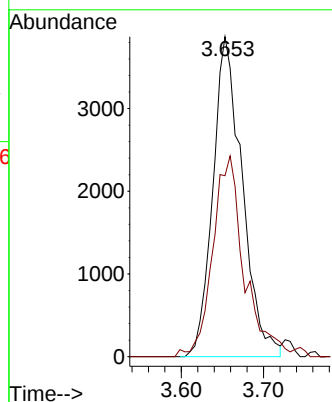
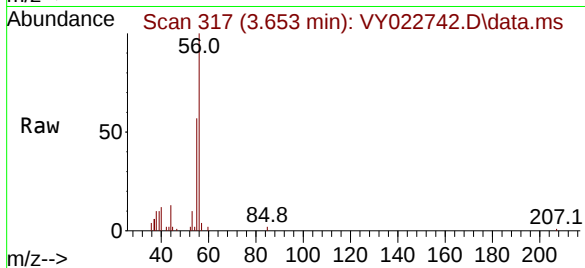
VSTDCCC050

Tgt Ion: 56 Resp: 9596

Ion Ratio Lower Upper

56 100

55 67.0 57.0 85.6



#14

Allyl chloride

Concen: 51.499 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

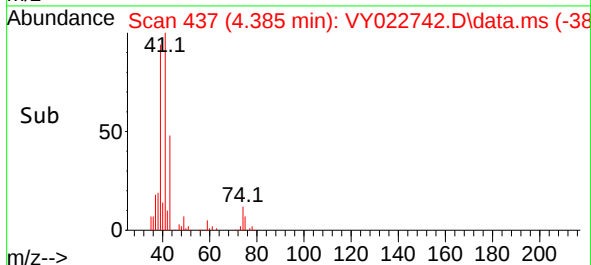
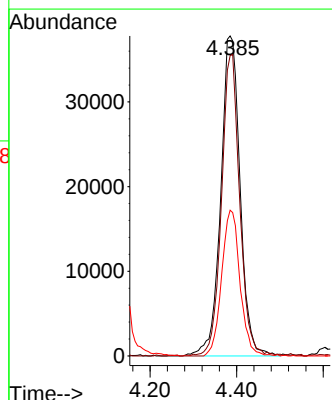
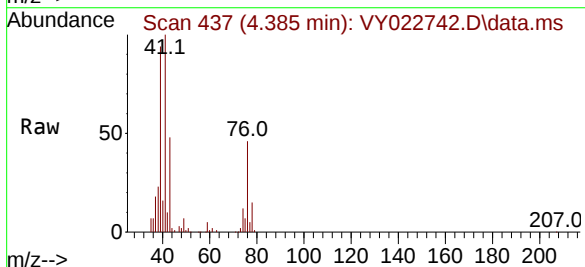
Tgt Ion: 41 Resp: 117558

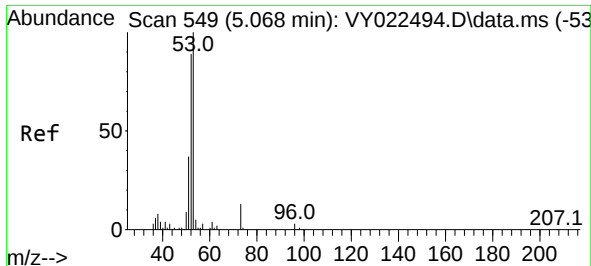
Ion Ratio Lower Upper

41 100

39 88.7 69.1 103.7

76 43.1 33.5 50.3

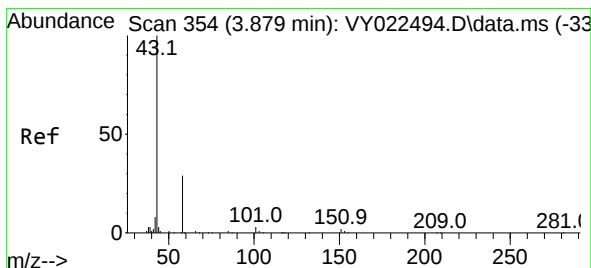
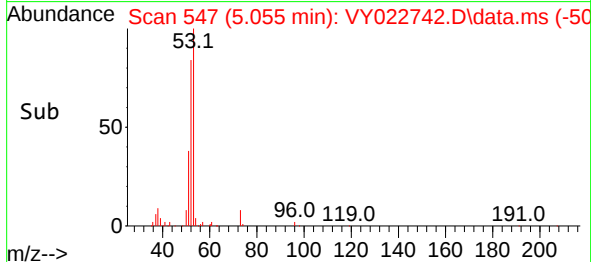
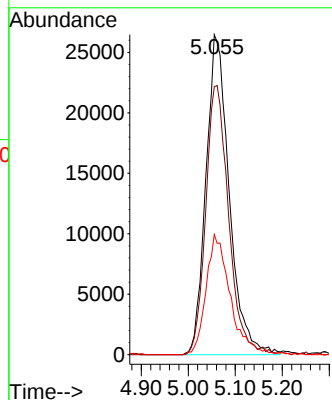
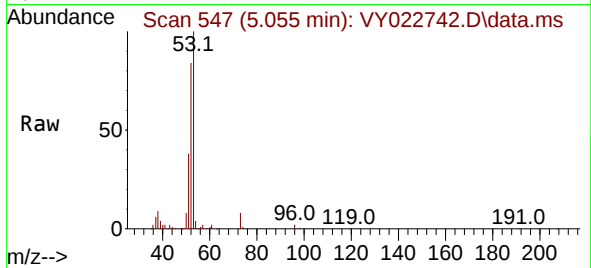




#15
Acrylonitrile
Concen: 264.654 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

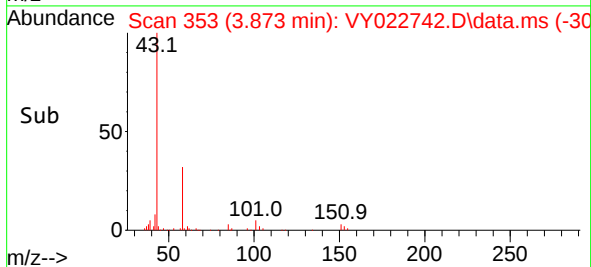
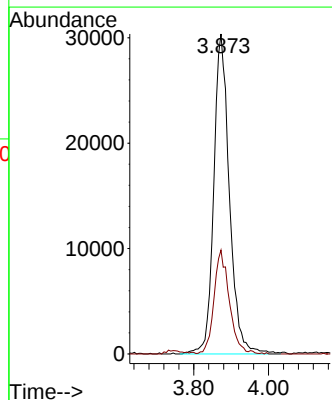
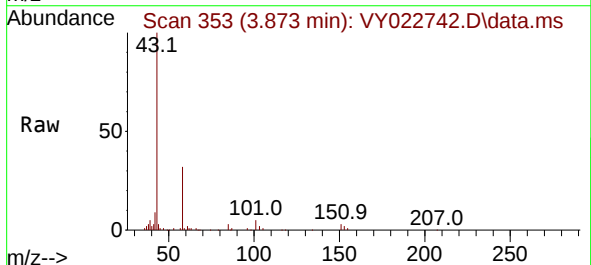
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050

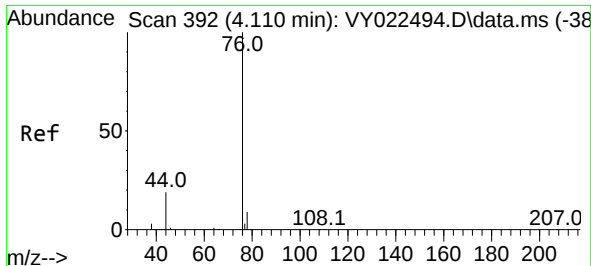
Tgt Ion: 53 Resp: 91170
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 38.6 30.1 45.1



#16
Acetone
Concen: 280.422 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 43 Resp: 88320
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0

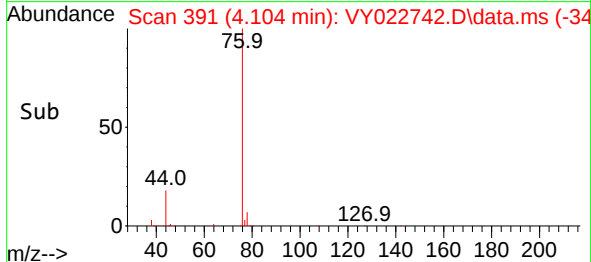
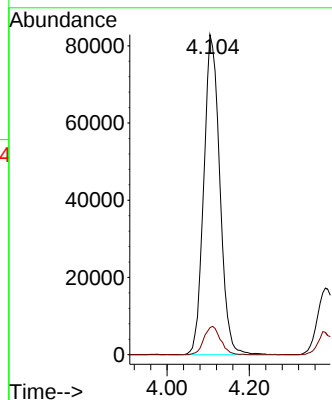
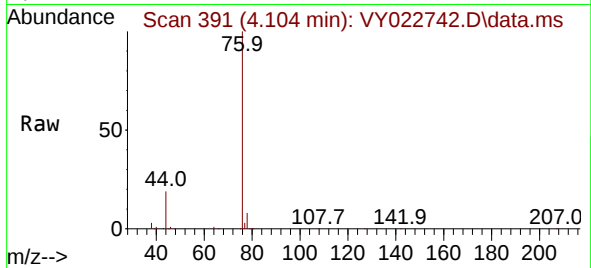




#17
Carbon Disulfide
Concen: 48.209 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

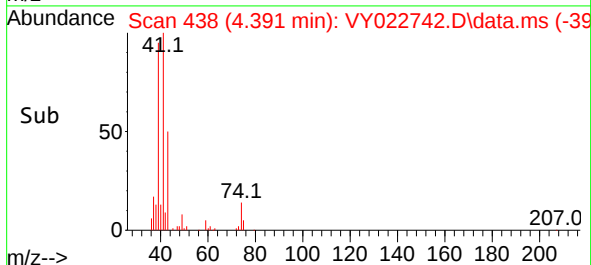
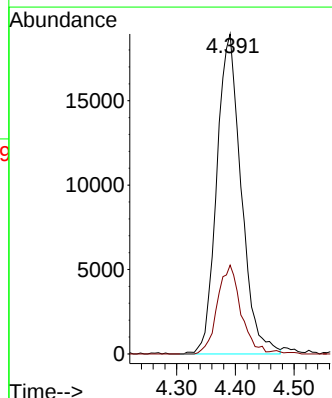
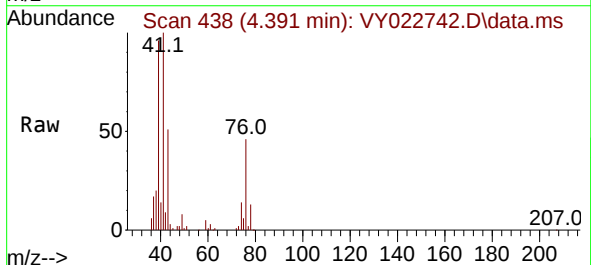
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

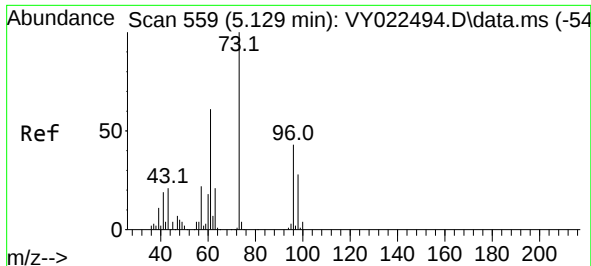
Tgt Ion: 76 Resp: 224429
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 58.688 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 43 Resp: 54736
Ion Ratio Lower Upper
43 100
74 26.7 19.8 29.6

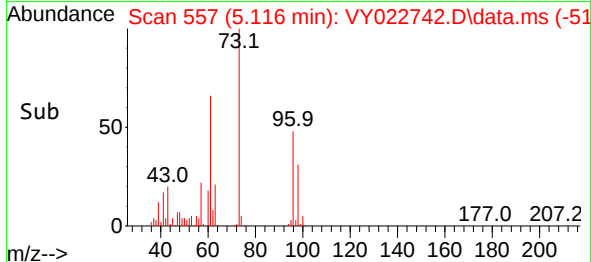
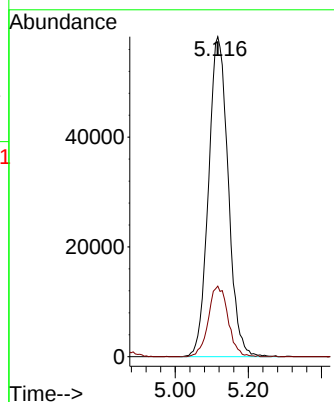
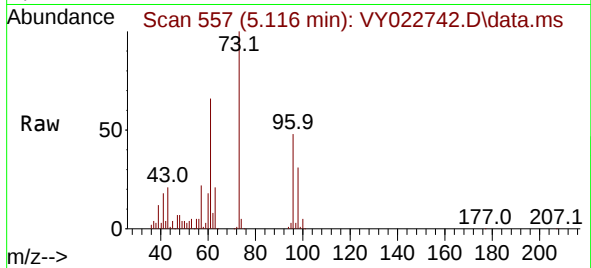




#19
Methyl tert-butyl Ether
Concen: 53.204 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

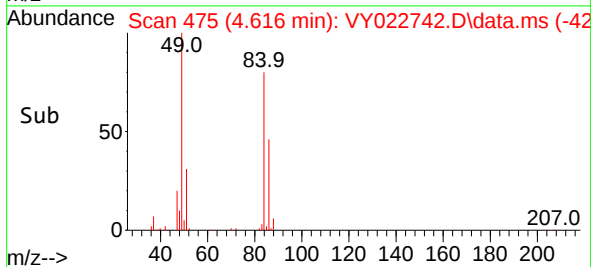
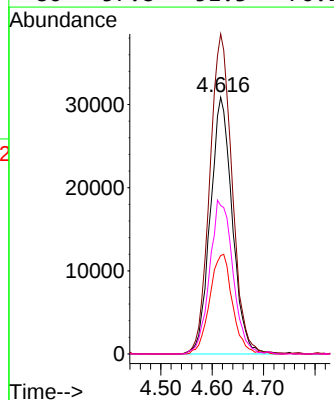
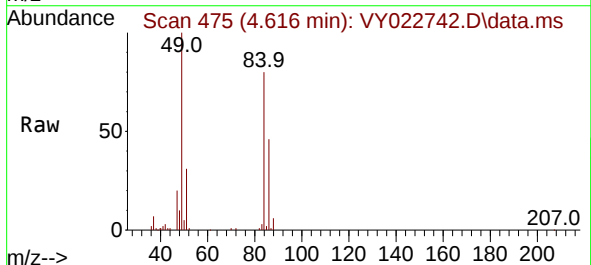
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

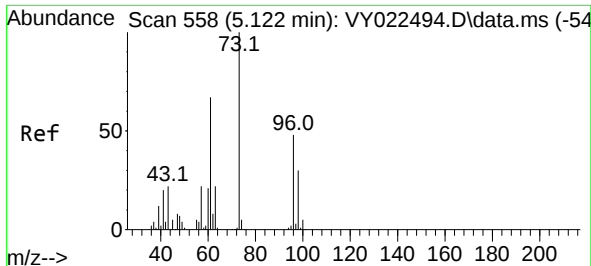
Tgt Ion: 73 Resp: 217901
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 51.215 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 84 Resp: 91627
Ion Ratio Lower Upper
84 100
49 124.7 101.9 152.9
51 38.3 29.8 44.8
86 57.8 51.3 76.9

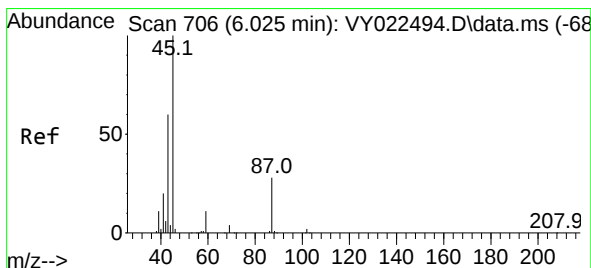
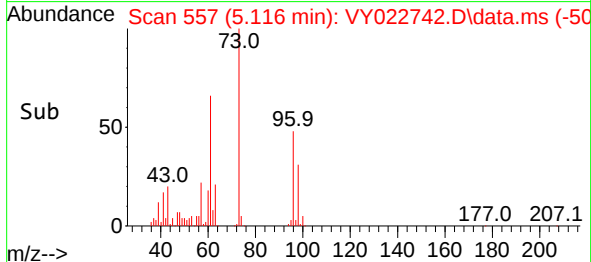
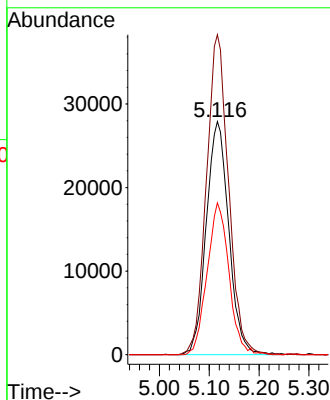
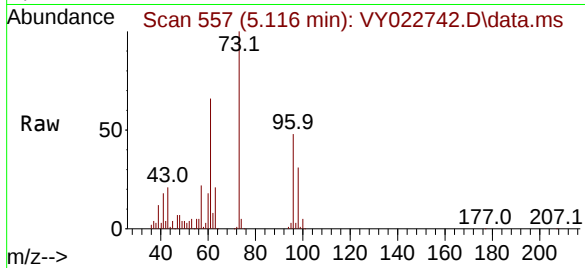




#21
trans-1,2-Dichloroethene
Concen: 53.710 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

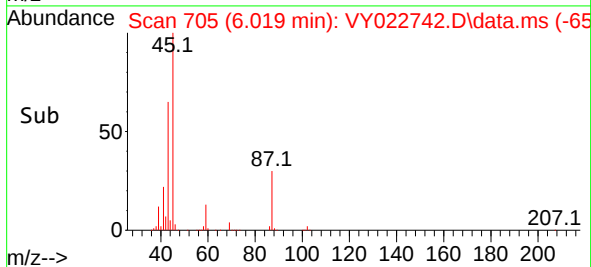
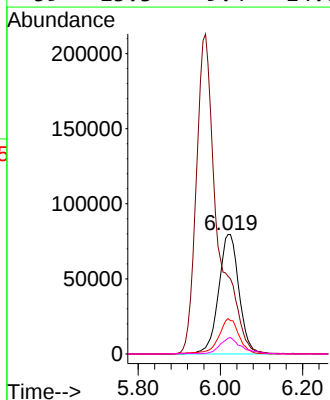
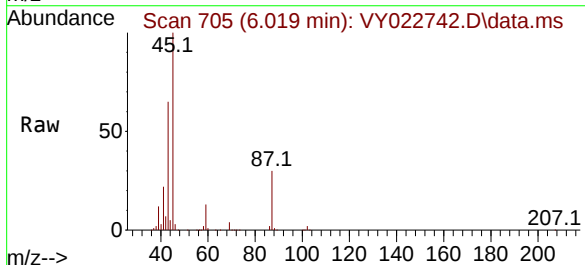
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 87408
Ion Ratio Lower Upper
96 100
61 137.2 112.6 169.0
98 65.1 50.6 75.8



#22
Diisopropyl ether
Concen: 53.872 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 45 Resp: 273729
Ion Ratio Lower Upper
45 100
43 64.5 48.3 72.5
87 29.6 23.0 34.6
59 13.3 9.4 14.0

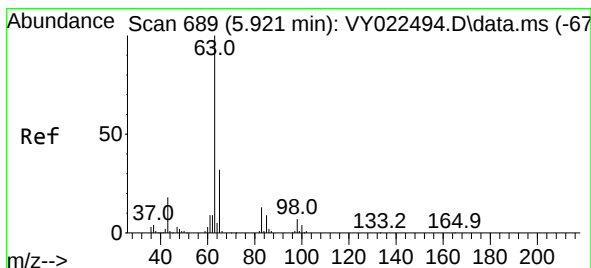
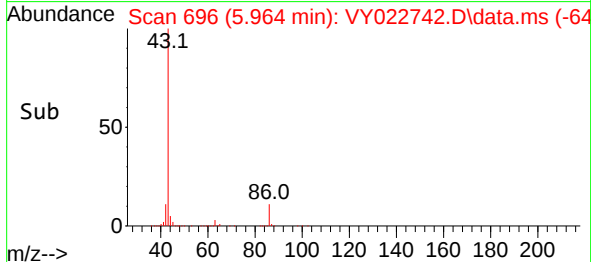
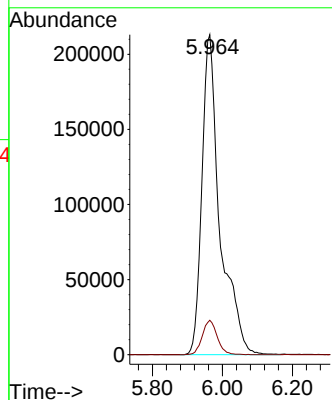
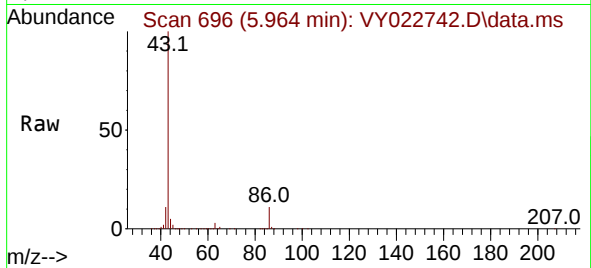




#23
 Vinyl Acetate
 Concen: 253.088 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022742.D
 Acq: 19 Jun 2025 09:10

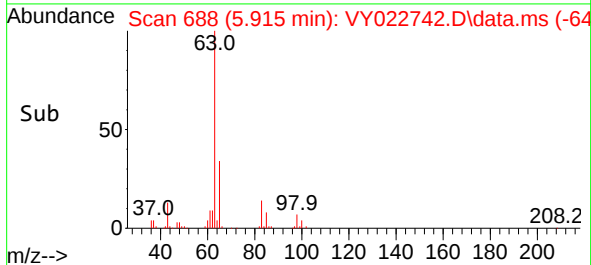
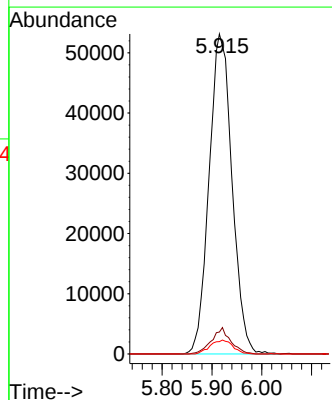
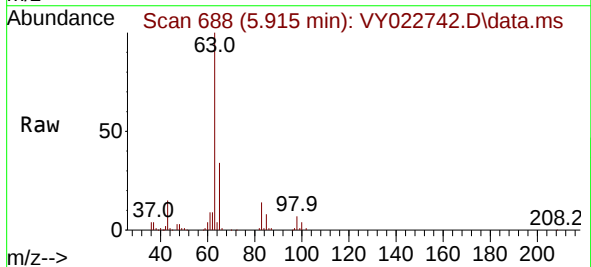
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

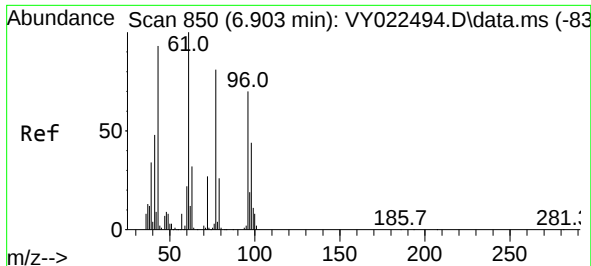
Tgt Ion: 43 Resp: 761132
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.843 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022742.D
 Acq: 19 Jun 2025 09:10

Tgt Ion: 63 Resp: 170153
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 3.8 2.1 6.3

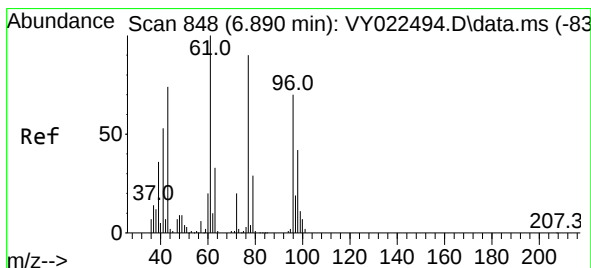
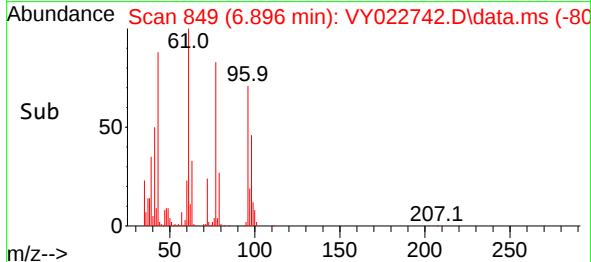
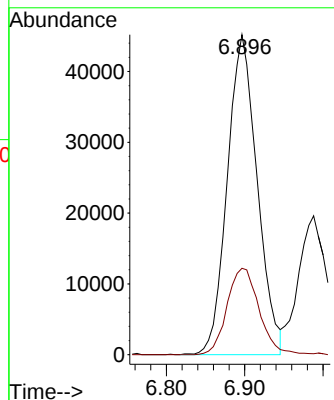
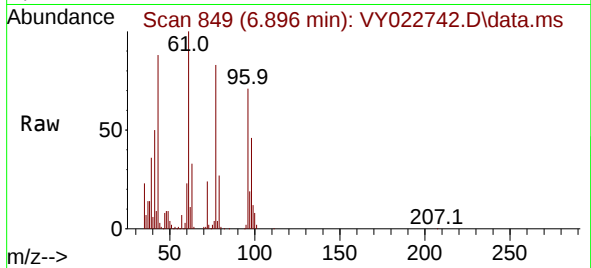




#25
2-Butanone
Concen: 263.777 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

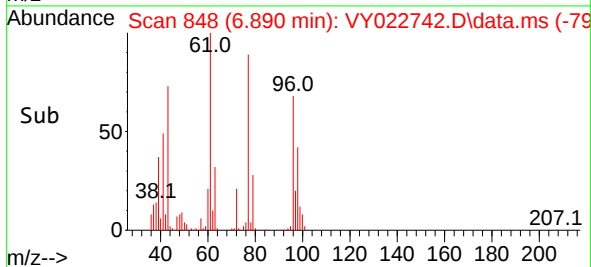
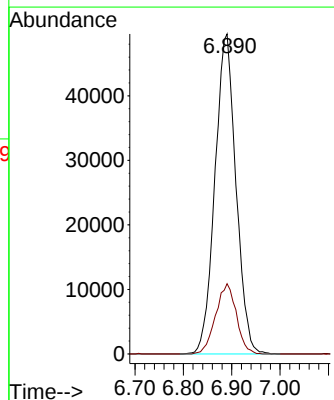
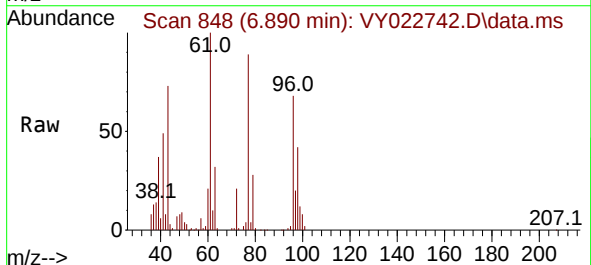
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 119835
Ion Ratio Lower Upper
43 100
72 27.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 56.547 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 77 Resp: 149556
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 55.394 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

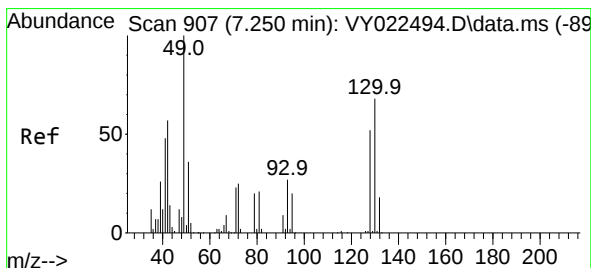
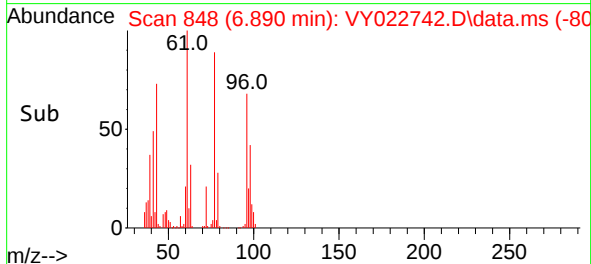
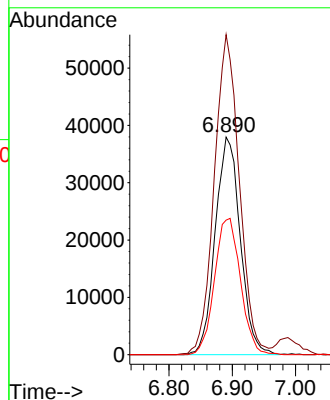
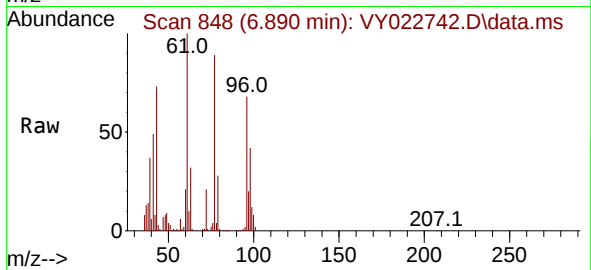
Tgt Ion: 96 Resp: 104198

Ion Ratio Lower Upper

96 100

61 147.4 0.0 290.0

98 65.0 0.0 128.4



#28

Bromochloromethane

Concen: 53.760 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

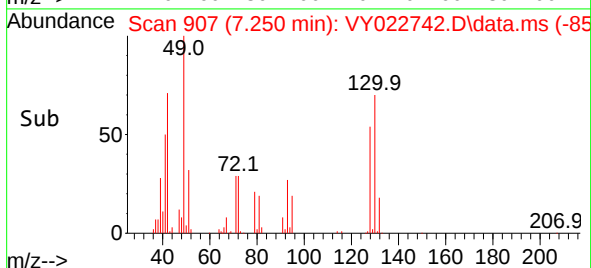
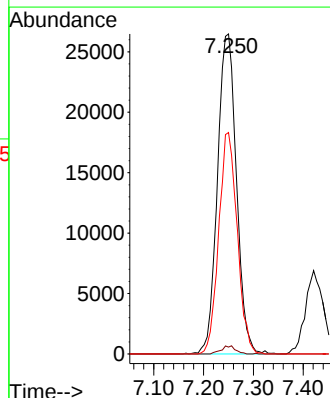
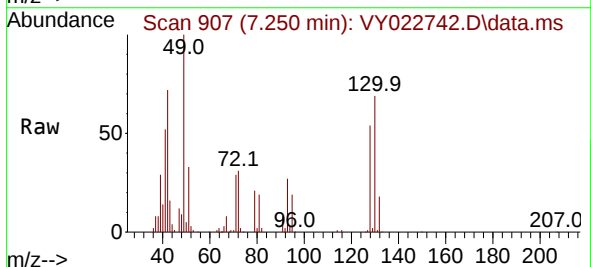
Tgt Ion: 49 Resp: 70148

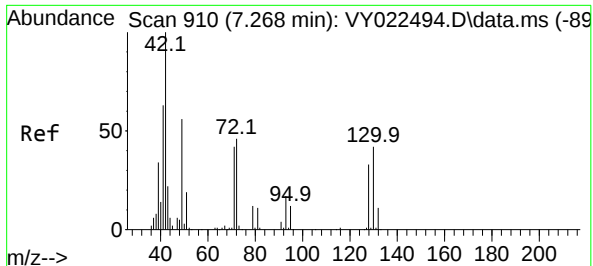
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 67.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 254.785 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

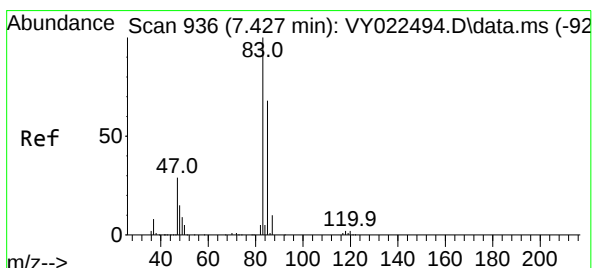
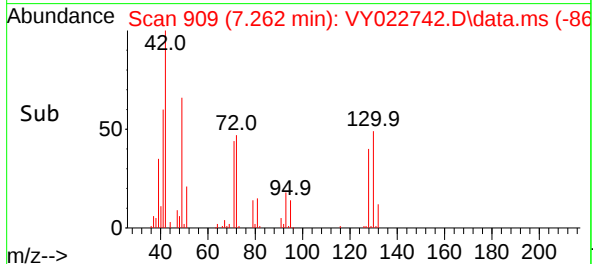
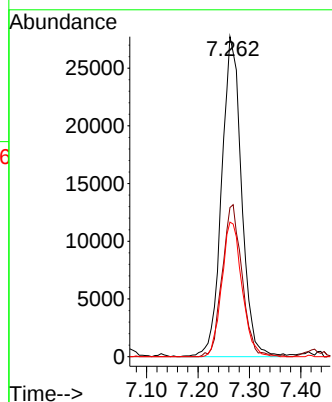
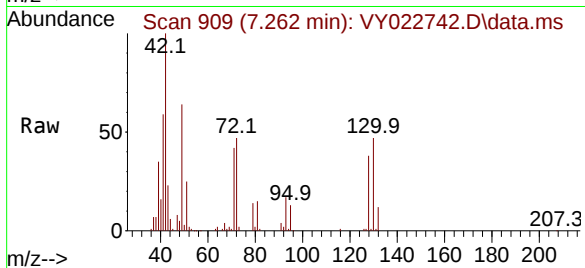
Tgt Ion: 42 Resp: 74655

Ion Ratio Lower Upper

42 100

72 47.3 37.4 56.2

71 42.7 34.2 51.2



#30

Chloroform

Concen: 57.367 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022742.D

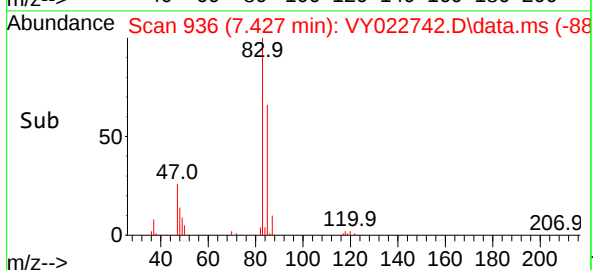
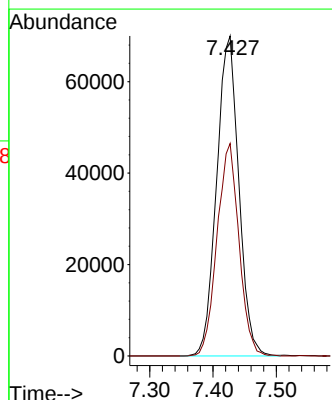
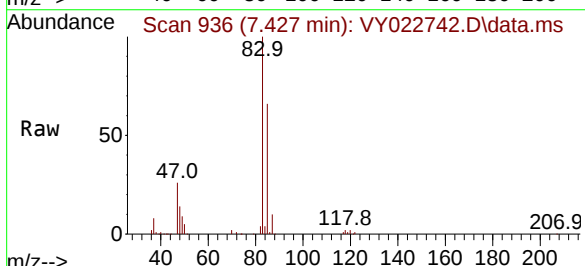
Acq: 19 Jun 2025 09:10

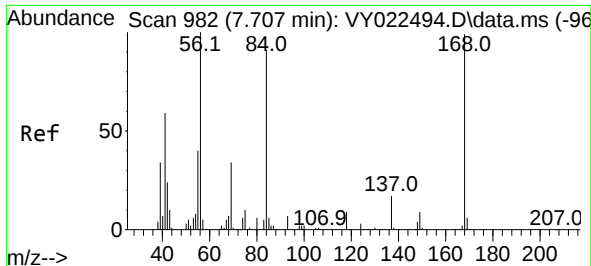
Tgt Ion: 83 Resp: 170088

Ion Ratio Lower Upper

83 100

85 66.4 54.2 81.4

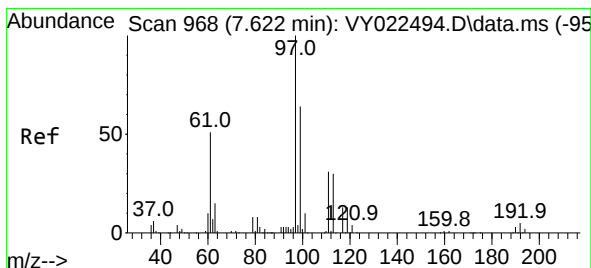
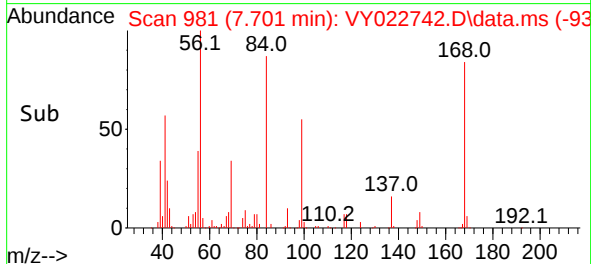
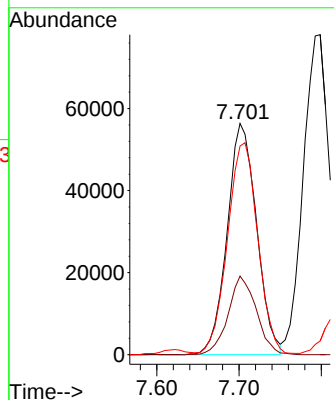
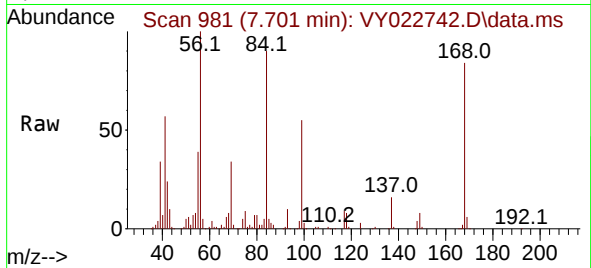




#31
Cyclohexane
Concen: 47.073 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

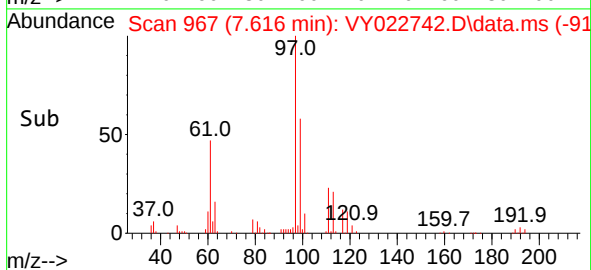
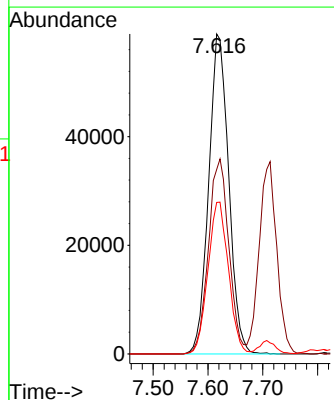
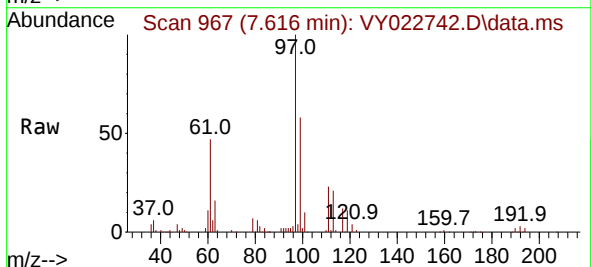
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

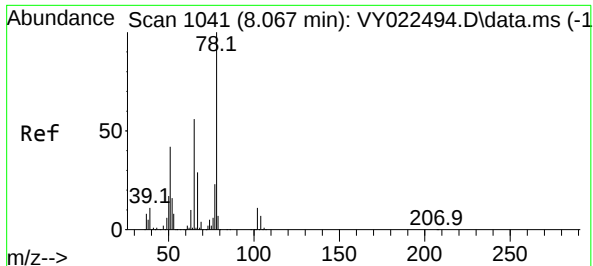
Tgt Ion: 56 Resp: 140281
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 88.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 56.592 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 97 Resp: 148949
Ion Ratio Lower Upper
97 100
99 62.6 50.9 76.3
61 48.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.111 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

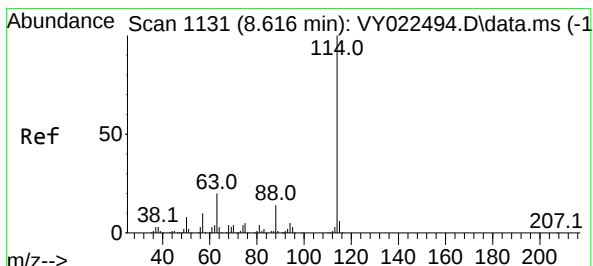
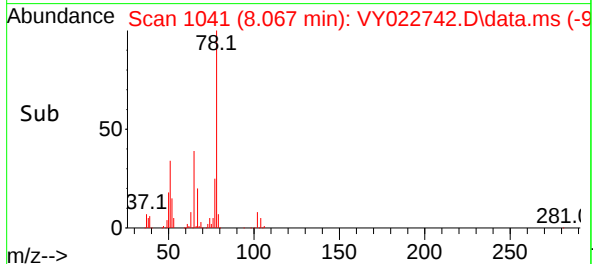
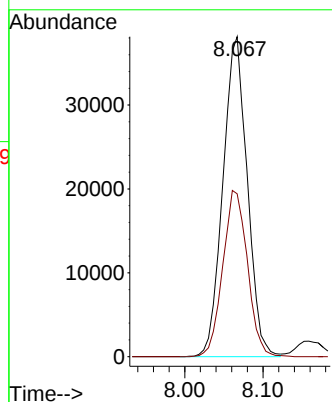
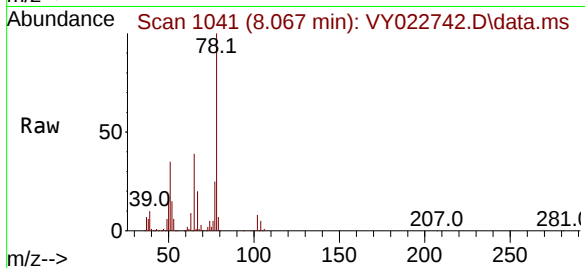
VSTDCCC050

Tgt Ion: 65 Resp: 82367

Ion Ratio Lower Upper

65 100

67 52.6 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: VY022742.D

Acq: 19 Jun 2025 09:10

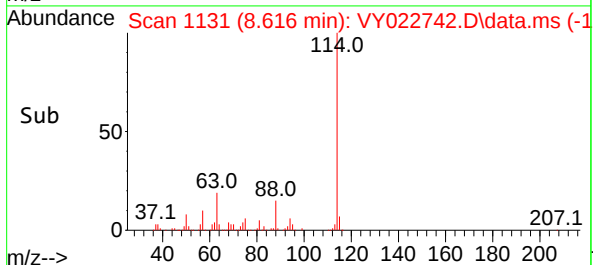
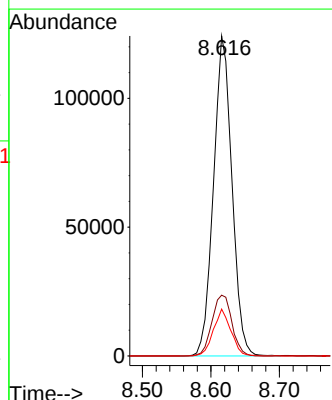
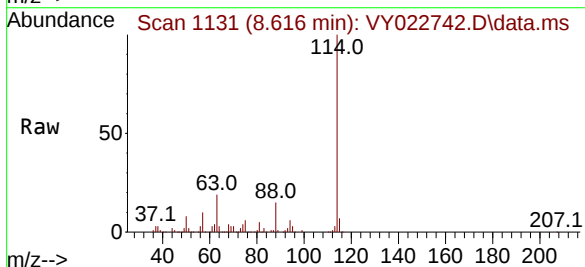
Tgt Ion: 114 Resp: 231867

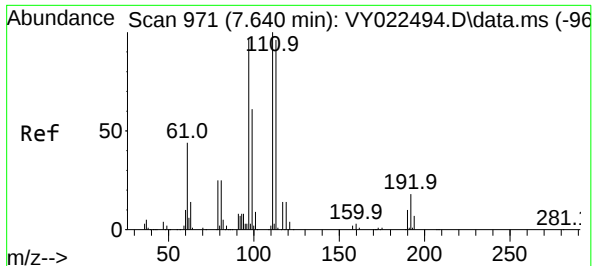
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 14.6 0.0 27.8





#35

Dibromofluoromethane

Concen: 54.110 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

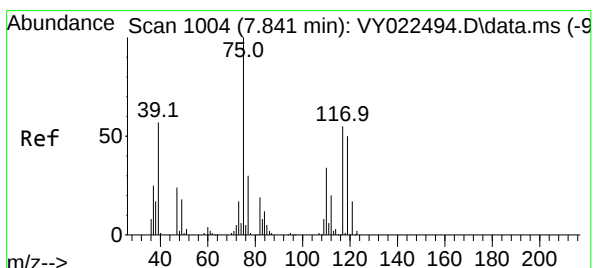
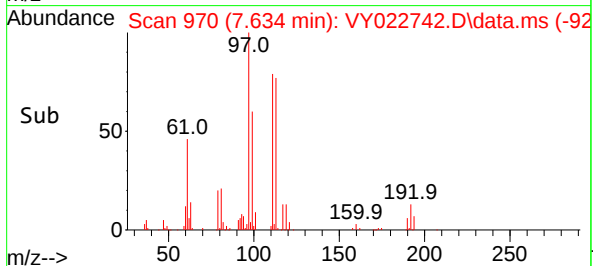
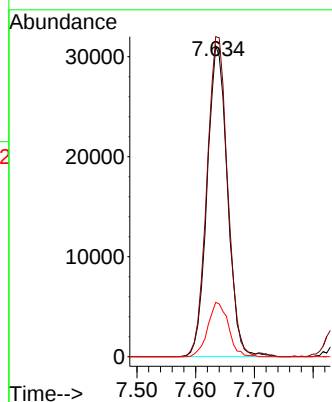
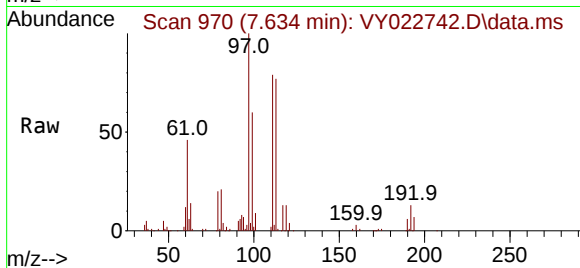
Tgt Ion:113 Resp: 74887

Ion Ratio Lower Upper

113 100

111 104.2 81.1 121.7

192 17.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 54.091 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

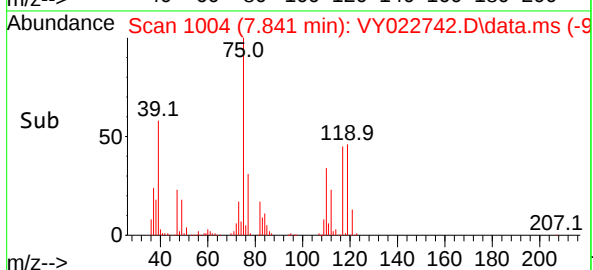
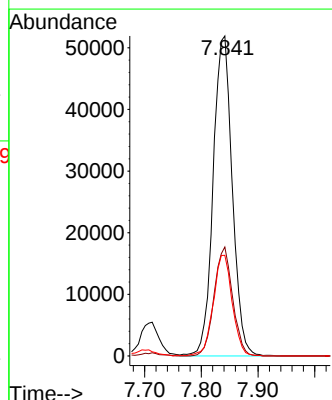
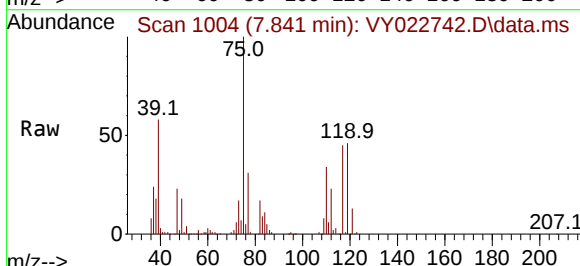
Tgt Ion: 75 Resp: 121499

Ion Ratio Lower Upper

75 100

110 33.0 16.9 50.7

77 31.2 24.8 37.2

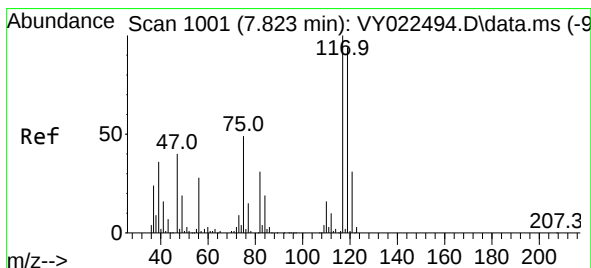
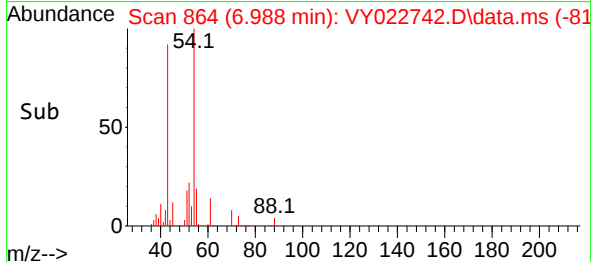
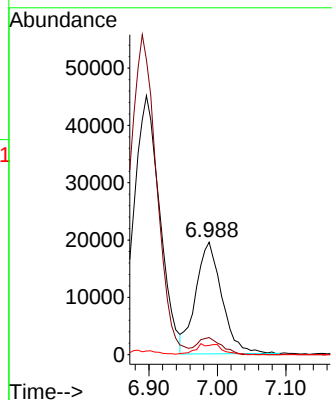
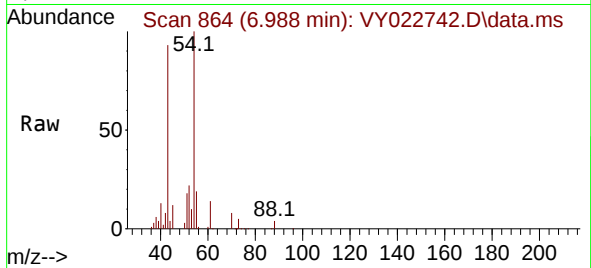




#37
Ethyl Acetate
Concen: 51.532 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

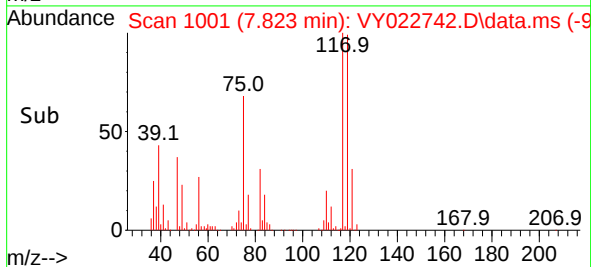
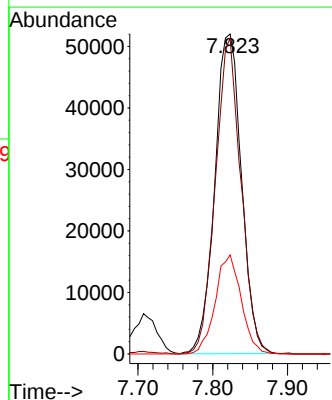
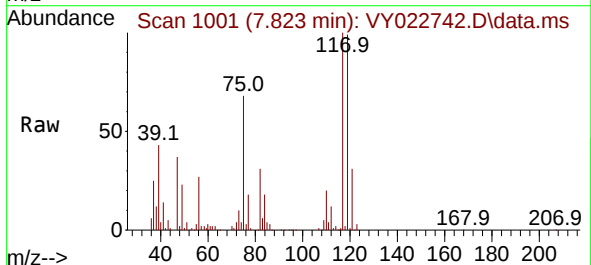
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

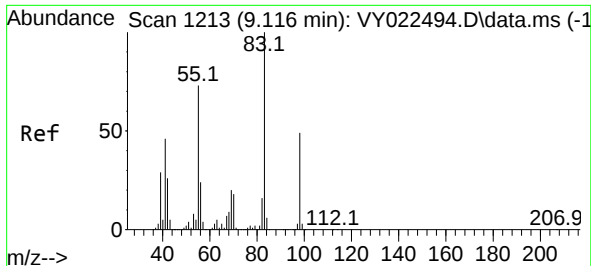
Tgt Ion: 43 Resp: 51619
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 56.089 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 117 Resp: 129243
Ion Ratio Lower Upper
117 100
119 98.7 75.0 112.6
121 31.0 25.0 37.4





#39

Methylcyclohexane

Concen: 50.380 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

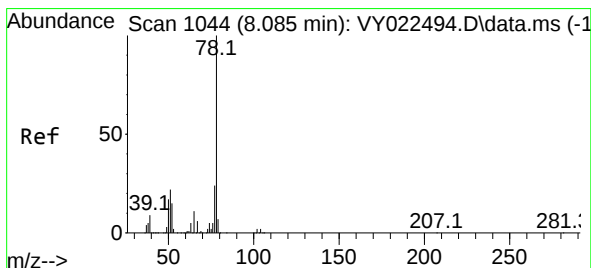
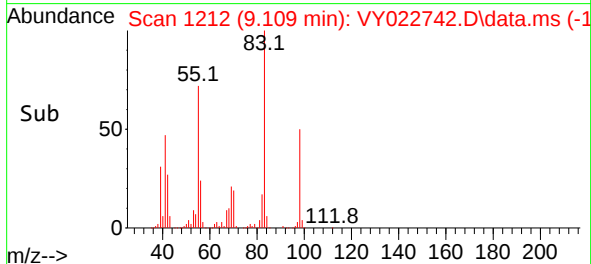
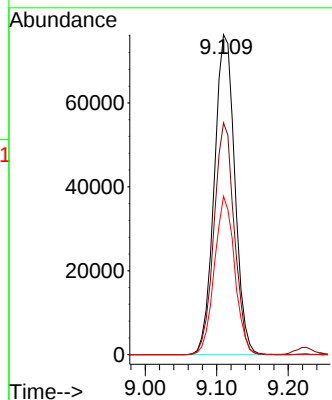
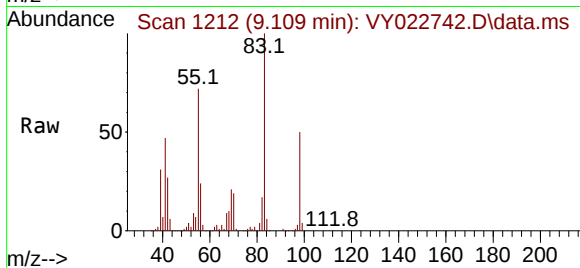
Tgt Ion: 83 Resp: 152074

Ion Ratio Lower Upper

83 100

55 72.5 58.1 87.1

98 49.5 39.0 58.6



#40

Benzene

Concen: 56.379 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022742.D

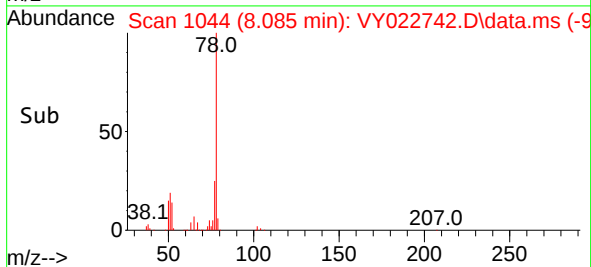
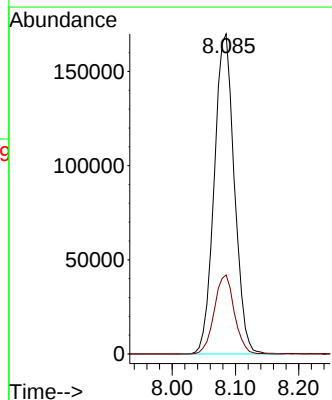
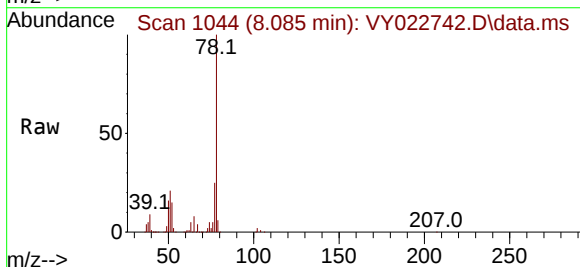
Acq: 19 Jun 2025 09:10

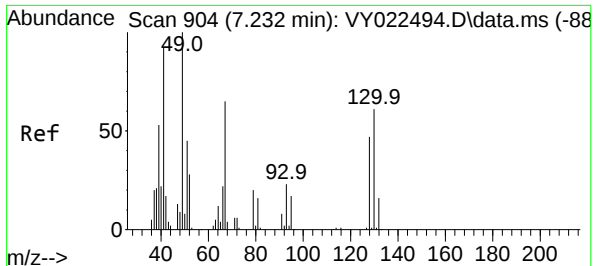
Tgt Ion: 78 Resp: 374033

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

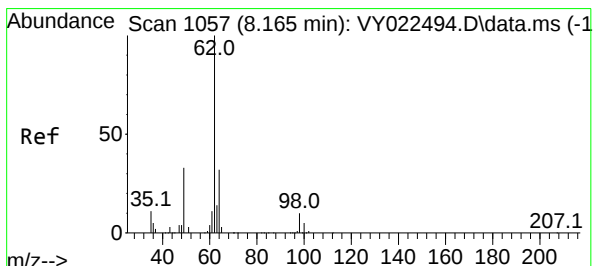
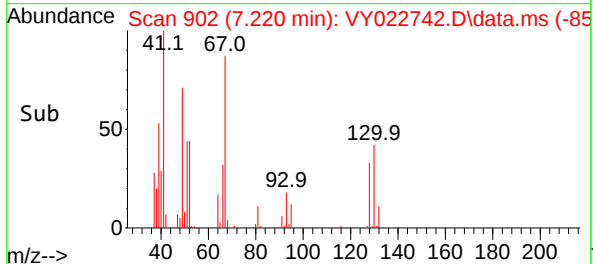
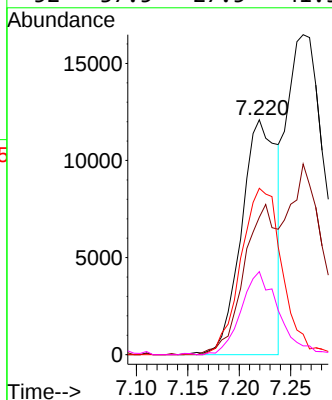
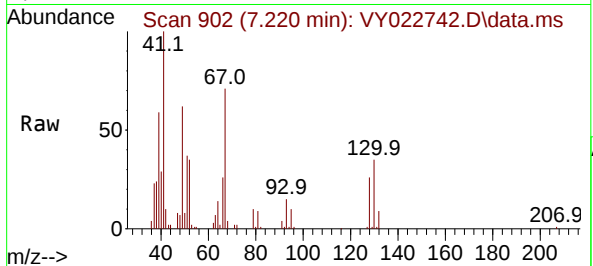




#41
Methacrylonitrile
Concen: 49.625 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

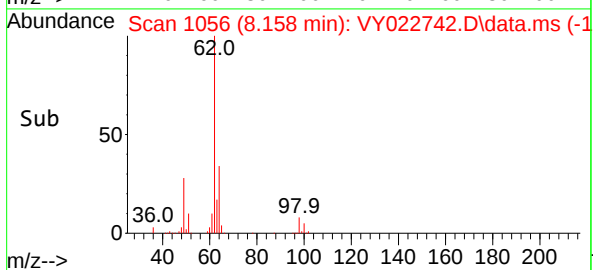
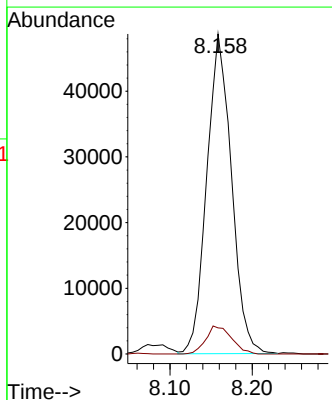
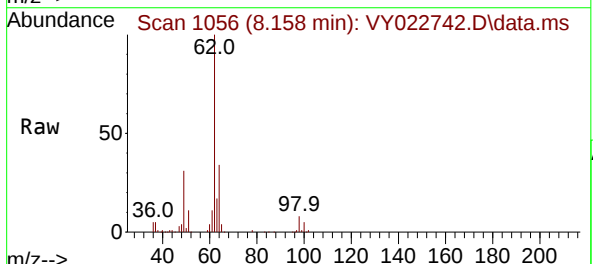
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

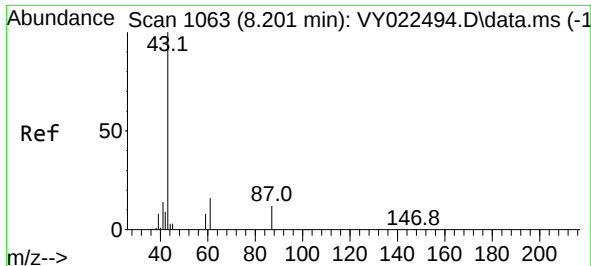
Tgt Ion:	41	Resp:	29035
Ion	Ratio	Lower	Upper
41	100		
39	60.2	46.6	69.8
67	82.7	63.3	94.9
52	37.5	27.5	41.3



#42
1,2-Dichloroethane
Concen: 56.092 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:	62	Resp:	101608
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

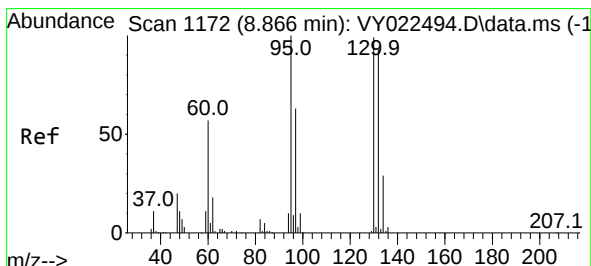
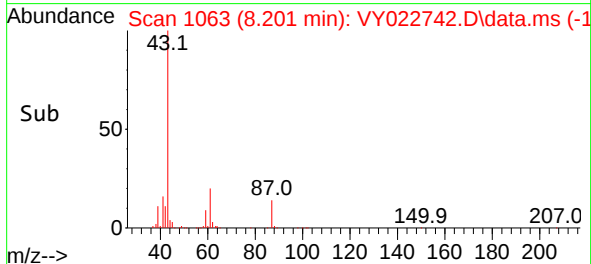
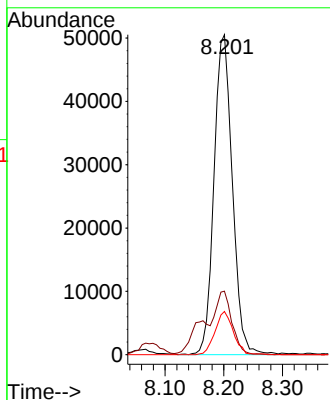
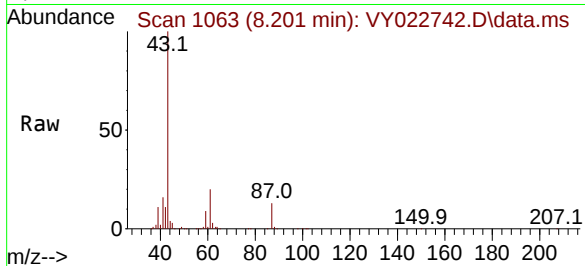




#43
Isopropyl Acetate
Concen: 50.710 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

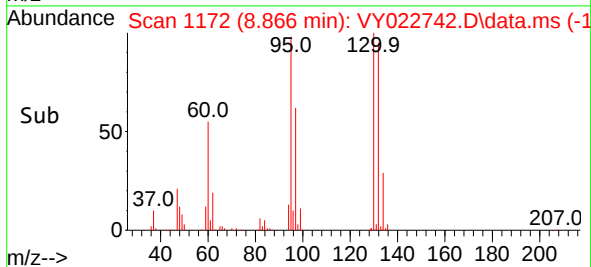
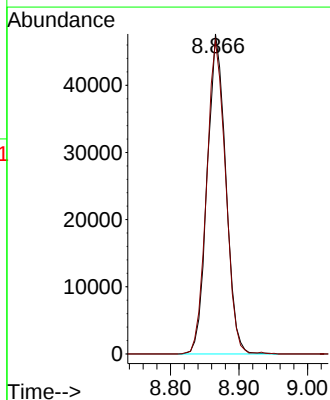
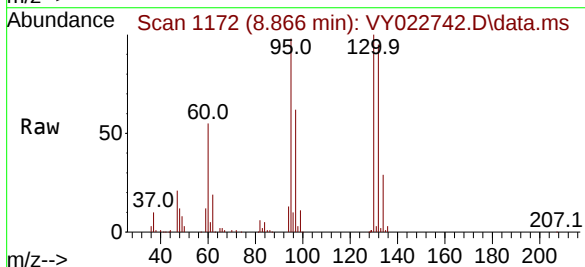
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

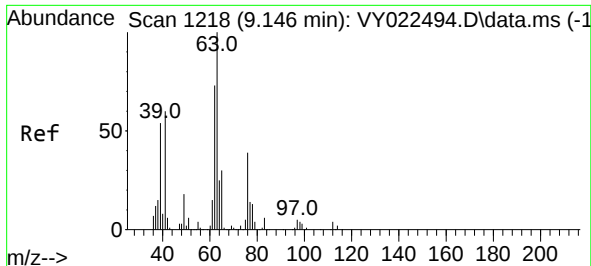
Tgt Ion: 43 Resp: 109705
Ion Ratio Lower Upper
43 100
61 18.1 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 55.370 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:130 Resp: 89780
Ion Ratio Lower Upper
130 100
95 97.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 57.557 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

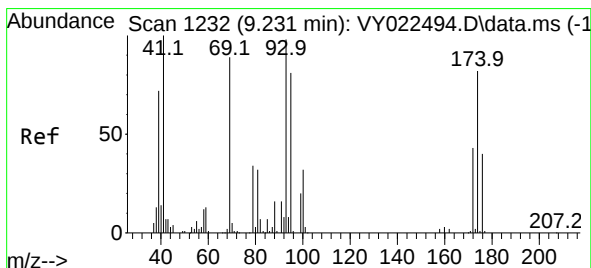
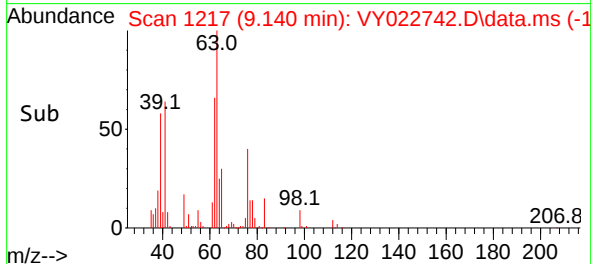
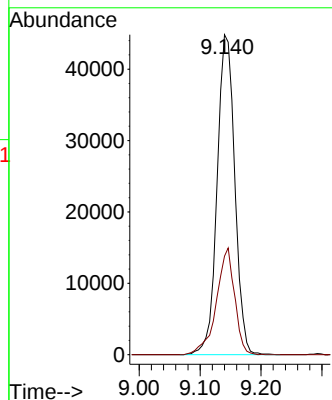
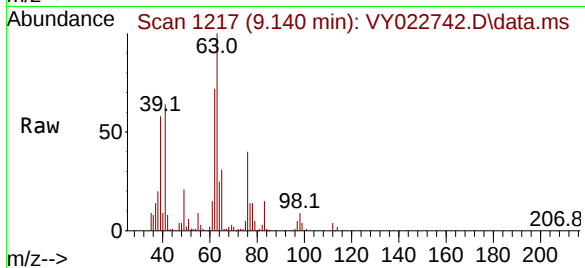
VSTDCCC050

Tgt Ion: 63 Resp: 90244

Ion Ratio Lower Upper

63 100

65 30.8 24.0 36.0



#46

Dibromomethane

Concen: 54.887 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

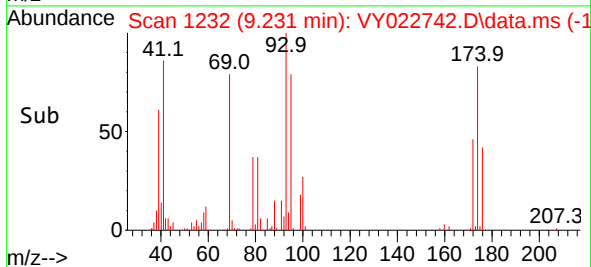
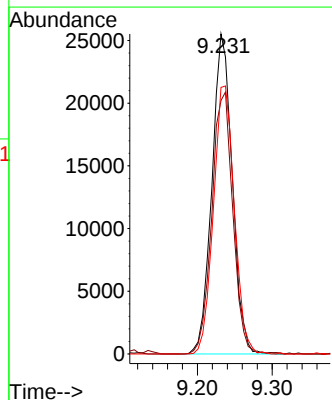
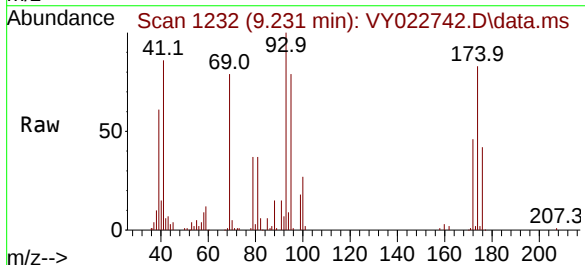
Tgt Ion: 93 Resp: 48415

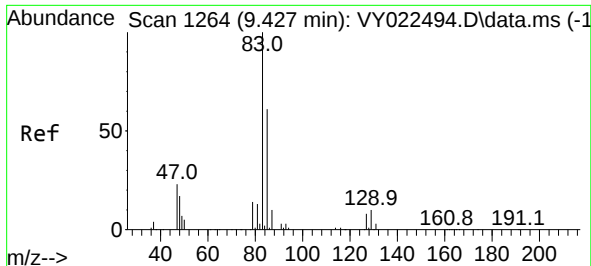
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 85.9 70.4 105.6

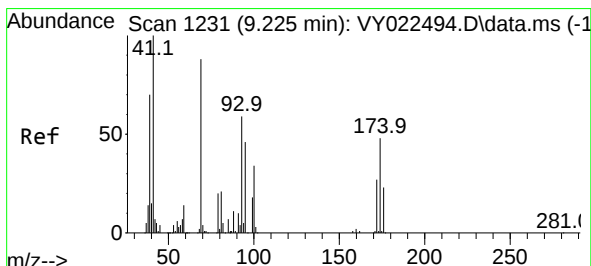
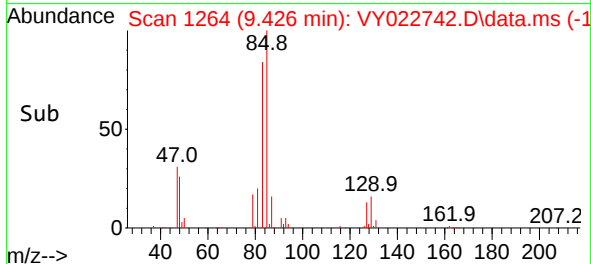
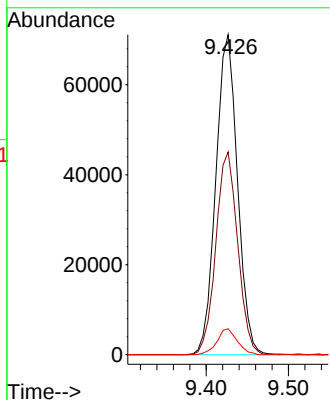
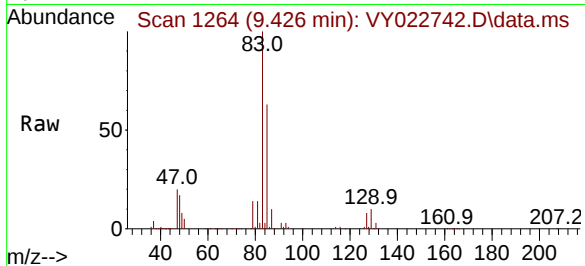




#47
Bromodichloromethane
Concen: 58.279 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

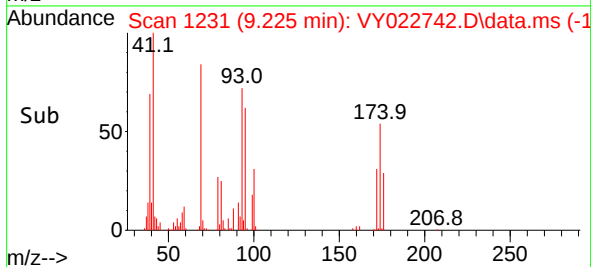
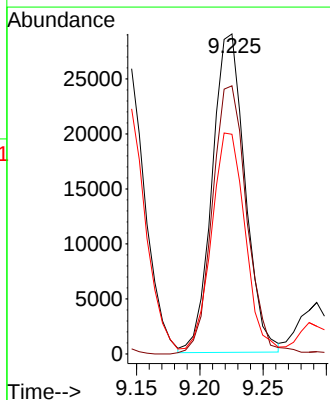
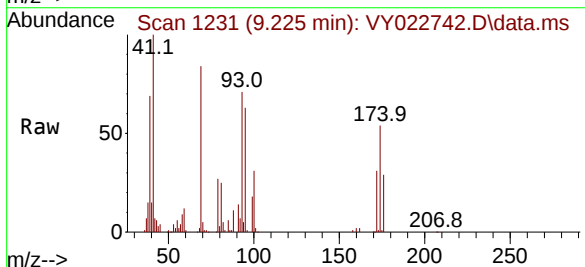
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

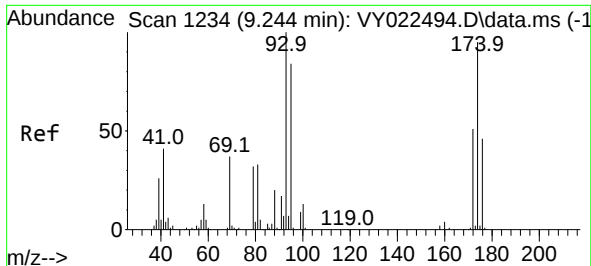
Tgt Ion: 83 Resp: 130349
Ion Ratio Lower Upper
83 100
85 63.3 49.1 73.7
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 51.624 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 41 Resp: 52415
Ion Ratio Lower Upper
41 100
69 88.1 67.8 101.8
39 68.1 55.0 82.4





#49

1,4-Dioxane

Concen: 1006.978 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

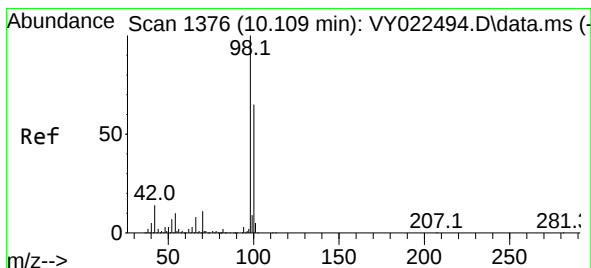
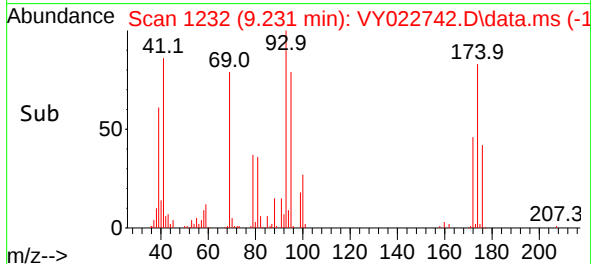
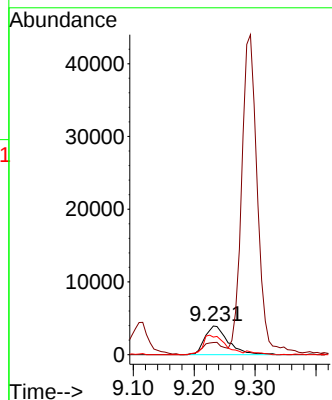
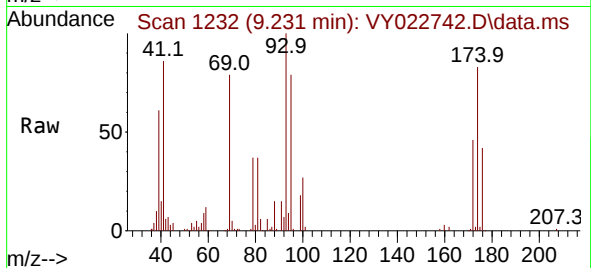
Tgt Ion: 88 Resp: 10523

Ion Ratio Lower Upper

88 100

43 39.2 25.4 38.2#

58 64.1 54.9 82.3



#50

Toluene-d8

Concen: 53.258 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022742.D

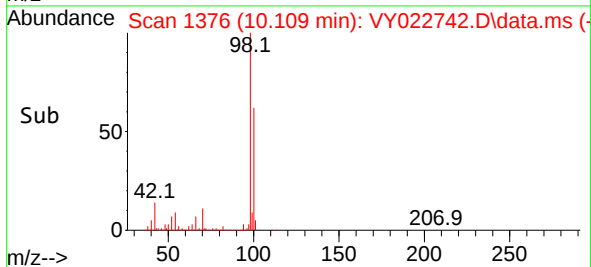
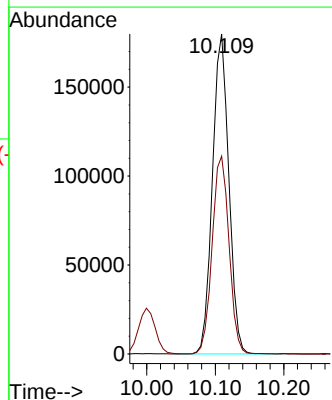
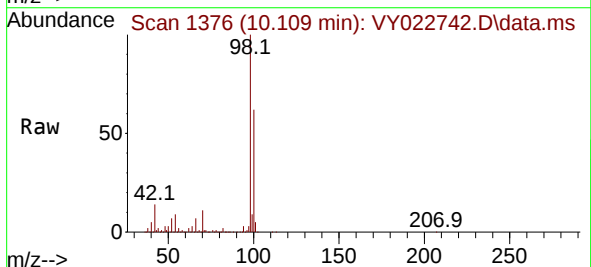
Acq: 19 Jun 2025 09:10

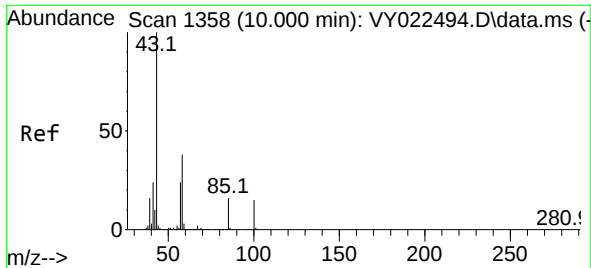
Tgt Ion: 98 Resp: 297824

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0

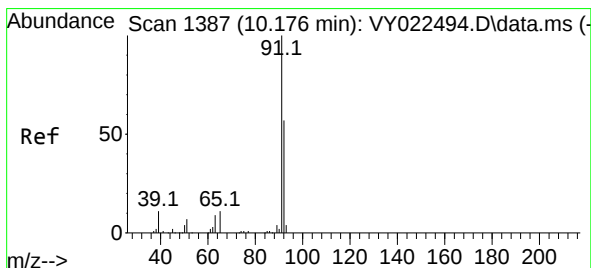
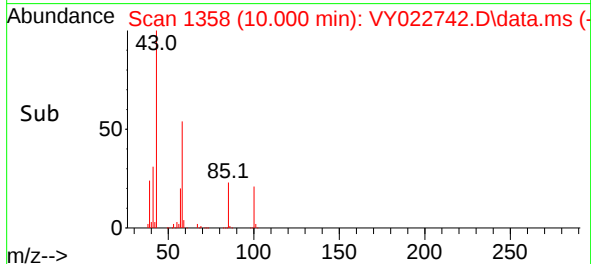
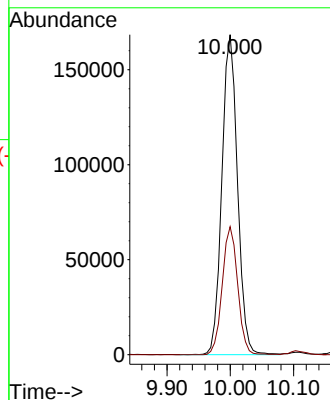
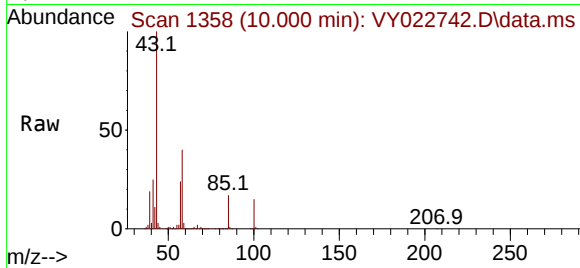




#51
4-Methyl-2-Pentanone
Concen: 266.676 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

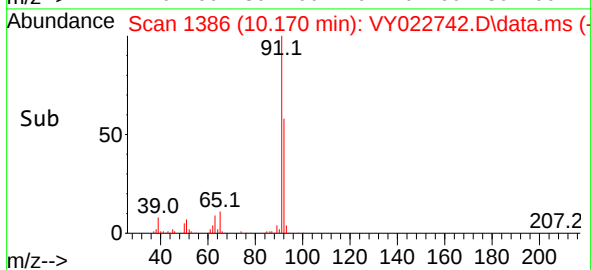
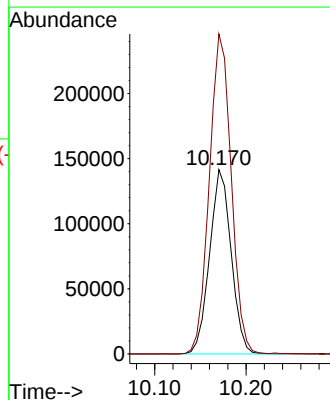
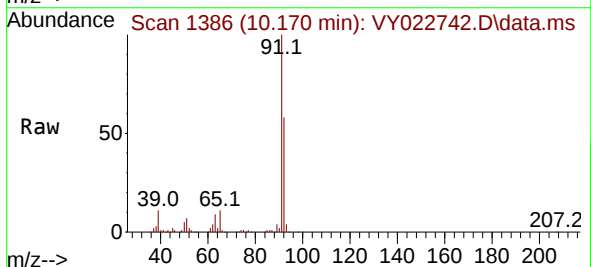
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

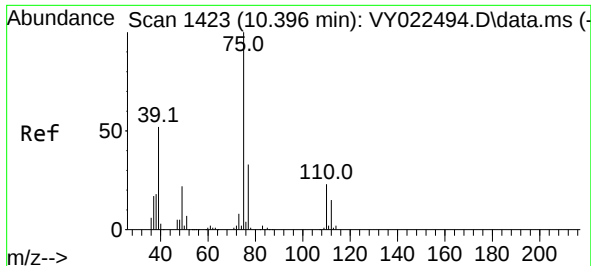
Tgt Ion: 43 Resp: 287633
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6



#52
Toluene
Concen: 55.617 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 92 Resp: 231876
Ion Ratio Lower Upper
92 100
91 176.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 55.029 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

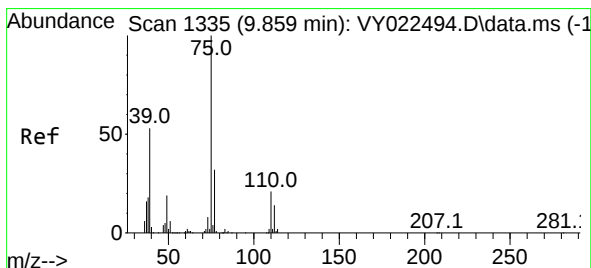
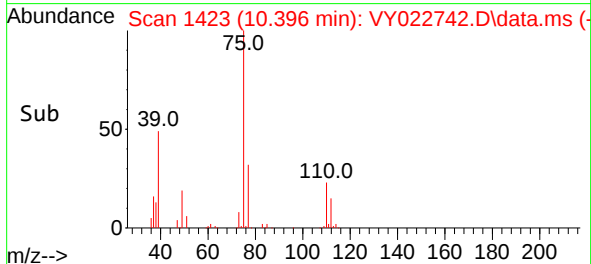
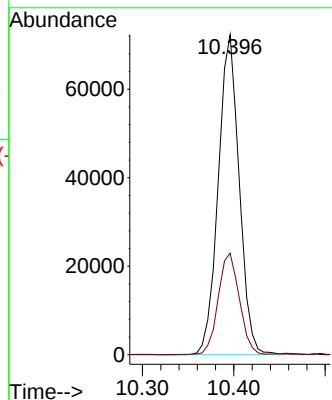
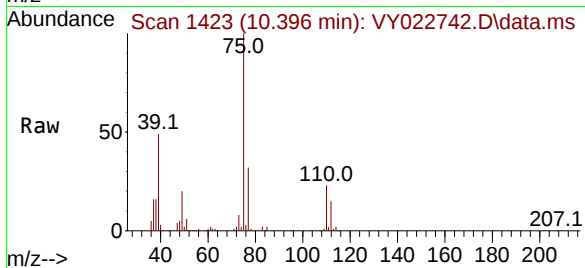
VSTDCCC050

Tgt Ion: 75 Resp: 115321

Ion Ratio Lower Upper

75 100

77 31.6 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 56.488 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

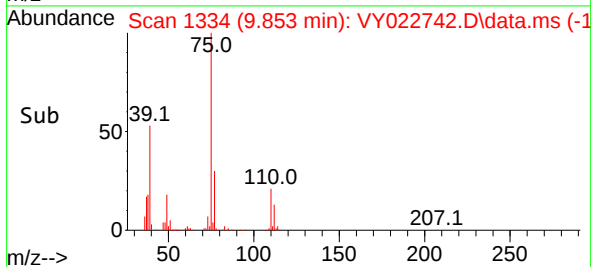
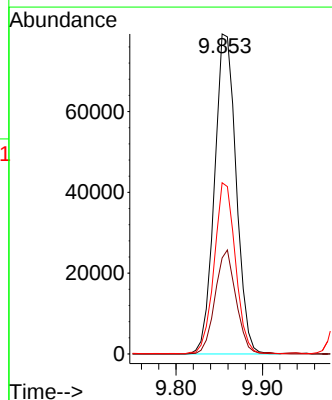
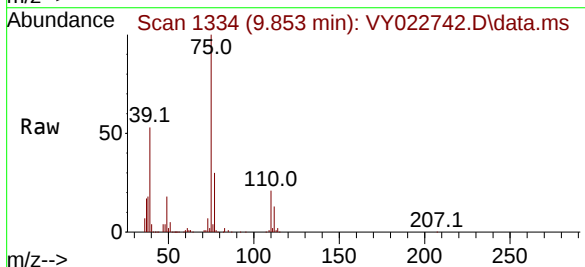
Tgt Ion: 75 Resp: 137801

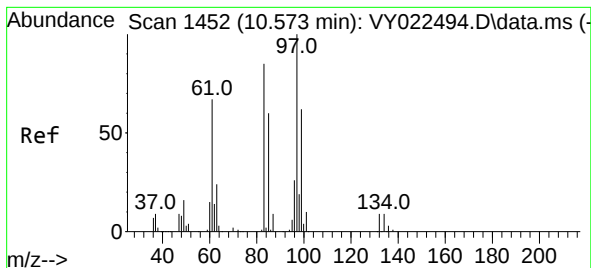
Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9

39 53.4 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 57.095 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 64219

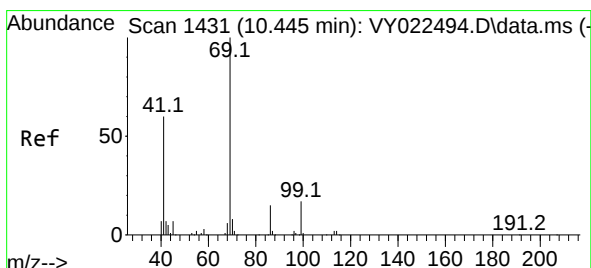
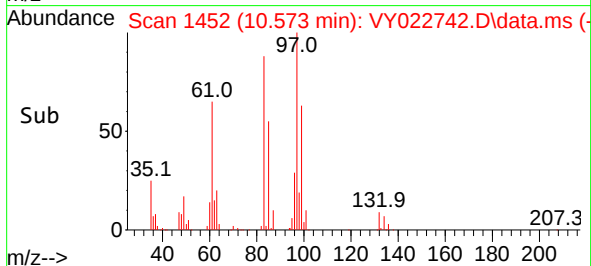
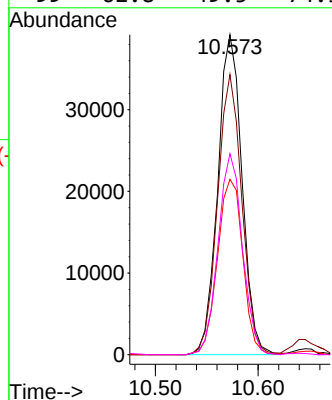
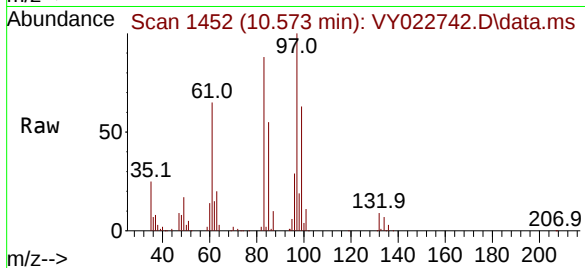
Ion Ratio Lower Upper

97 100

83 87.5 68.1 102.1

85 54.8 48.2 72.2

99 62.8 49.5 74.3



#56

Ethyl methacrylate

Concen: 52.807 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

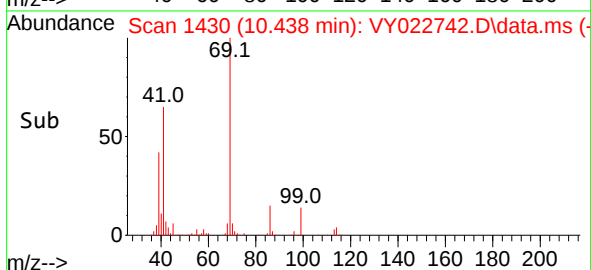
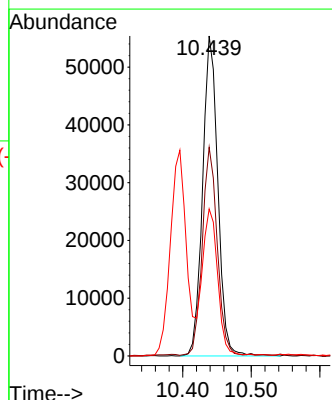
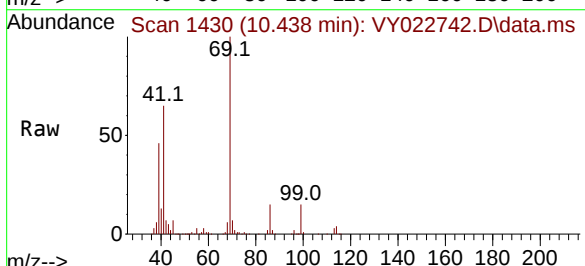
Tgt Ion: 69 Resp: 85846

Ion Ratio Lower Upper

69 100

41 63.6 52.2 78.2

39 44.9 36.7 55.1





#57

1,3-Dichloropropane

Concen: 57.004 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

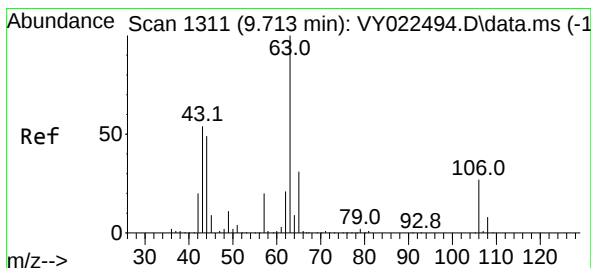
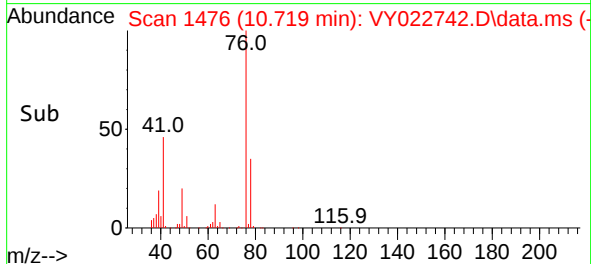
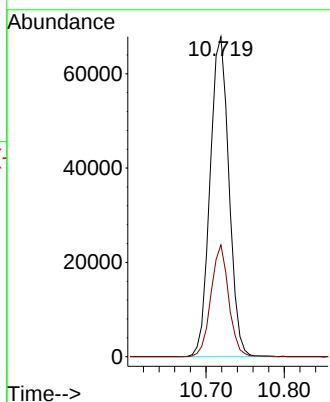
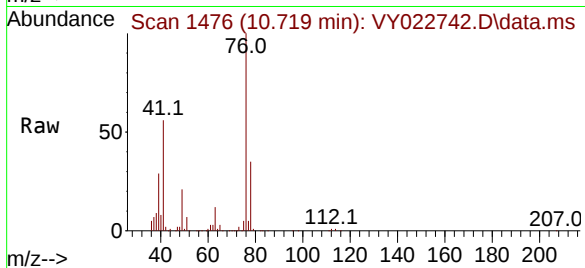
VSTDCCC050

Tgt Ion: 76 Resp: 113639

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 287.603 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022742.D

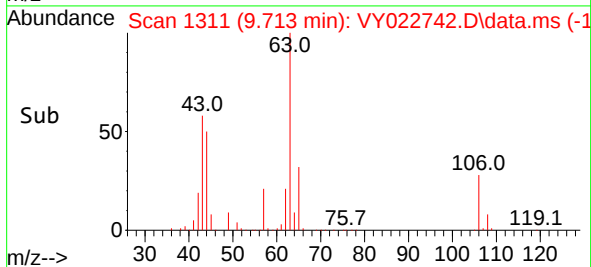
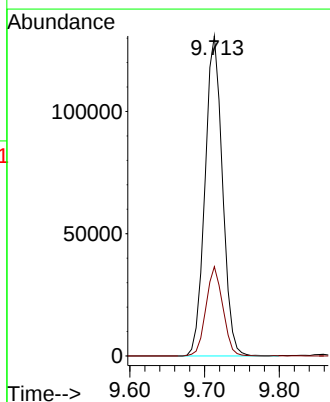
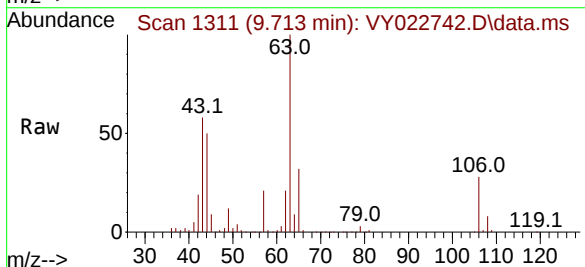
Acq: 19 Jun 2025 09:10

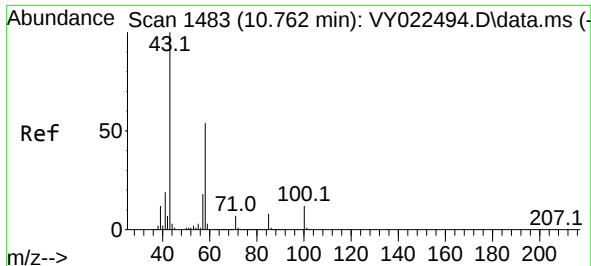
Tgt Ion: 63 Resp: 212275

Ion Ratio Lower Upper

63 100

106 26.9 21.6 32.4

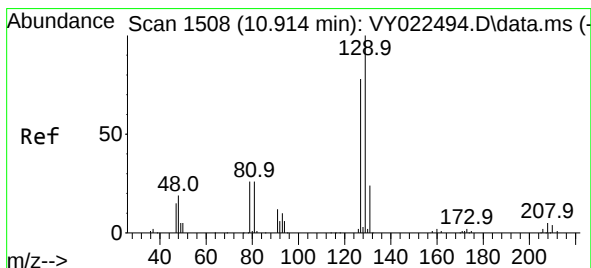
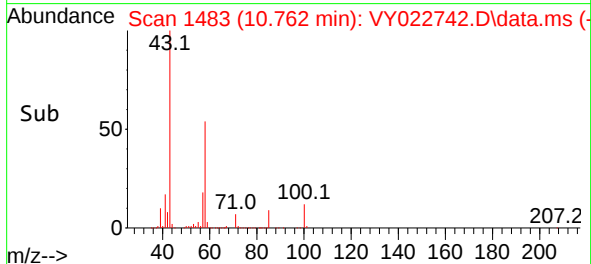
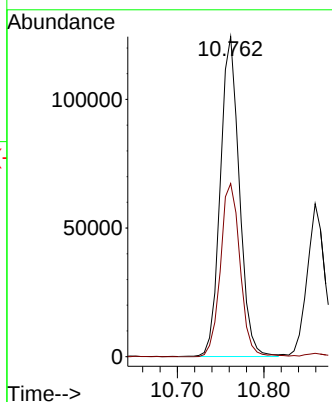
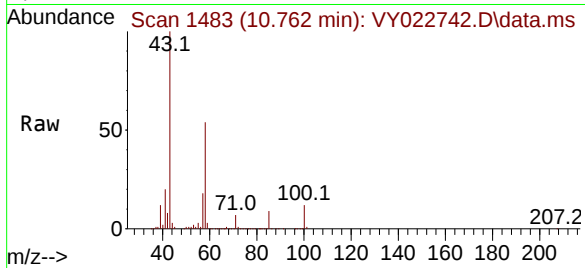




#59
2-Hexanone
Concen: 262.685 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

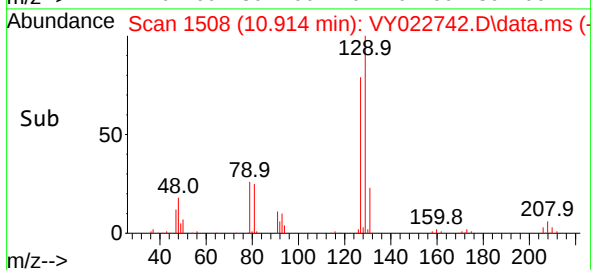
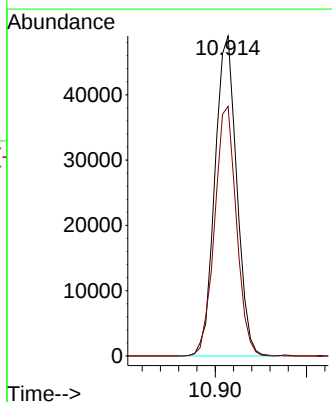
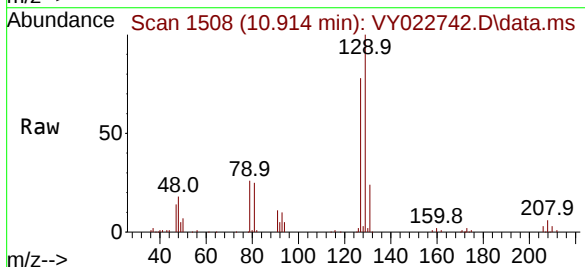
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

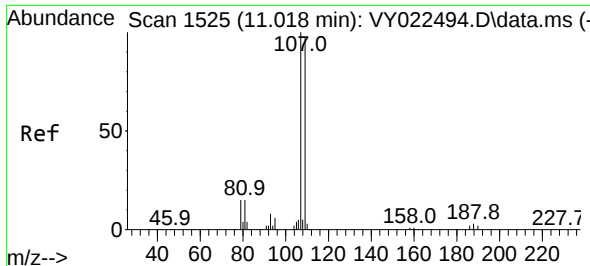
Tgt Ion: 43 Resp: 189488
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 56.978 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 129 Resp: 81443
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

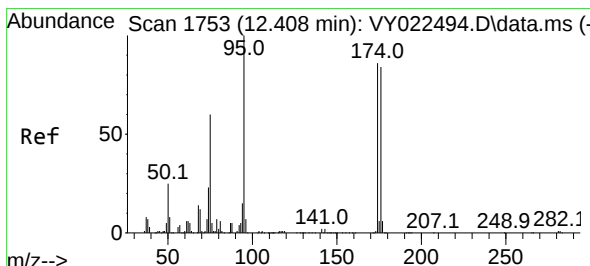
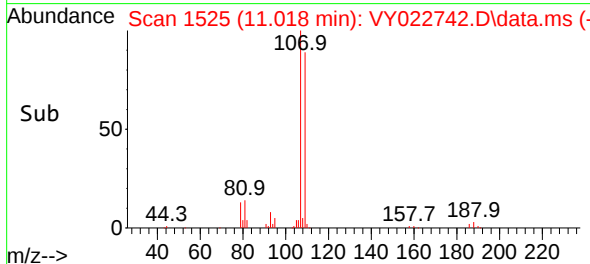
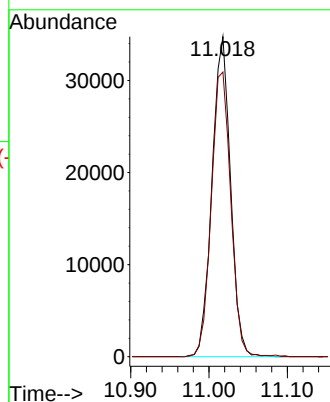
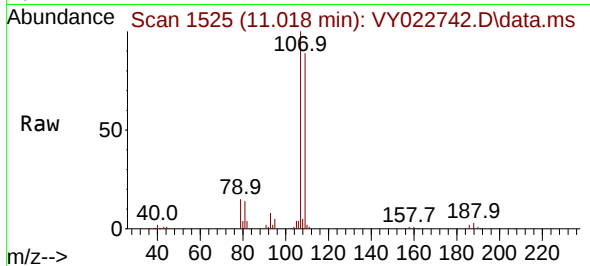




#61
1,2-Dibromoethane
Concen: 55.626 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

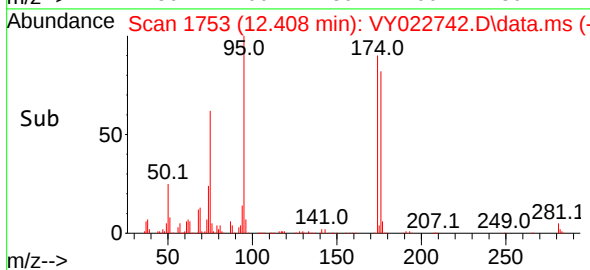
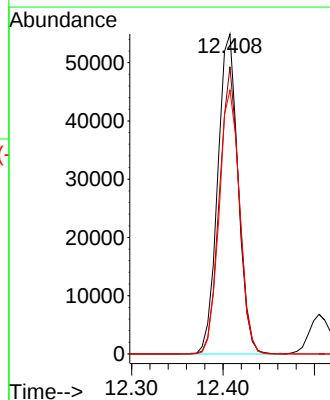
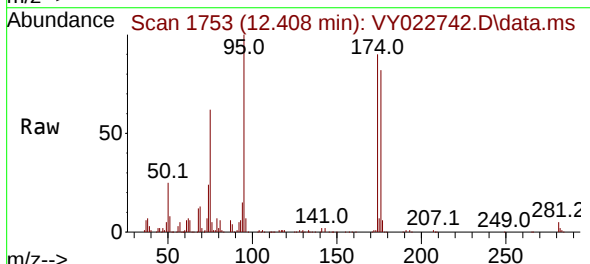
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

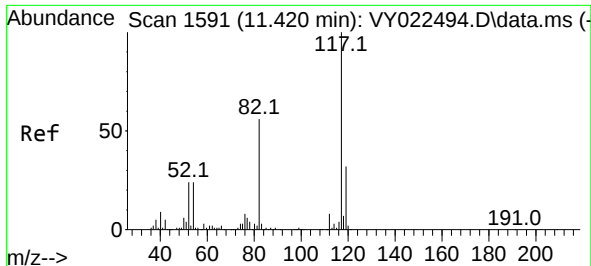
Tgt Ion:107 Resp: 57026
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.070 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 95 Resp: 85091
Ion Ratio Lower Upper
95 100
174 86.4 0.0 170.0
176 82.7 0.0 166.2

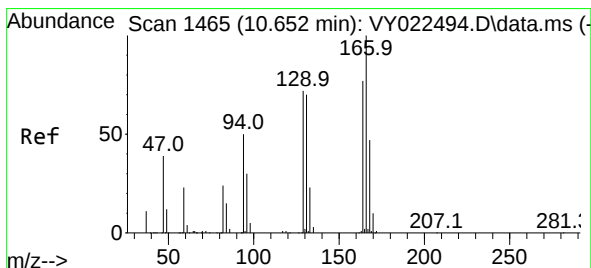
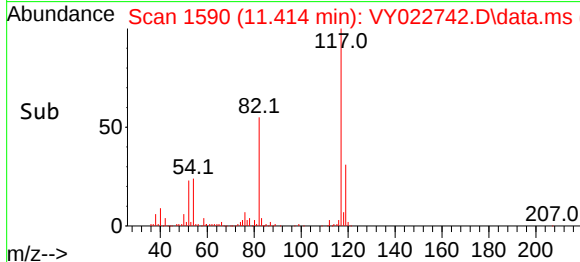
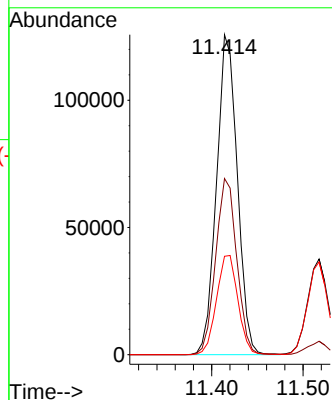
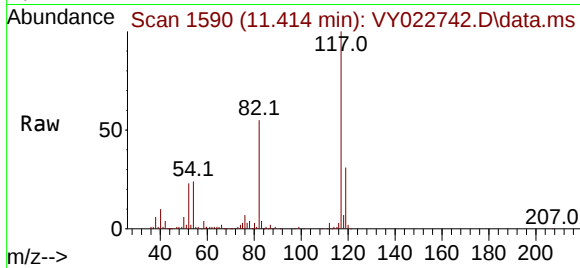




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

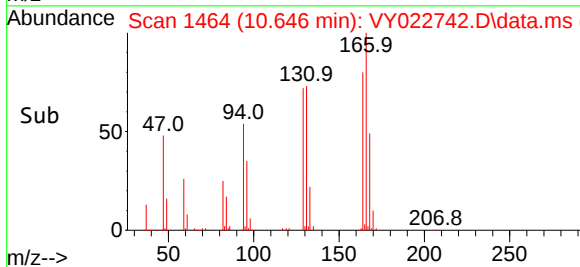
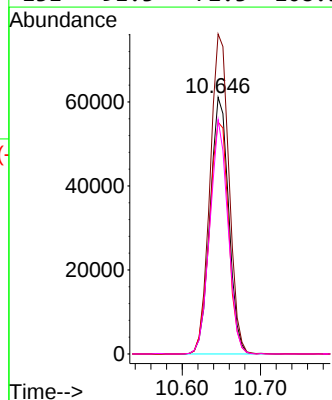
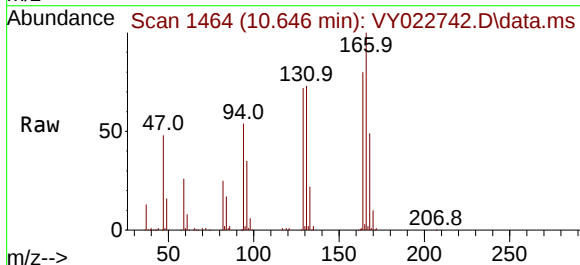
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

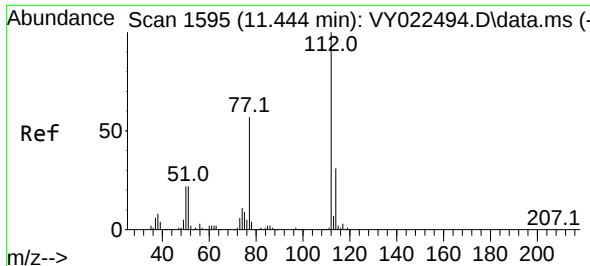
Tgt Ion:117 Resp: 198920
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 30.8 25.4 38.0



#64
Tetrachloroethene
Concen: 58.853 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:164 Resp: 100706
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 90.3 74.5 111.7
131 91.3 72.3 108.5

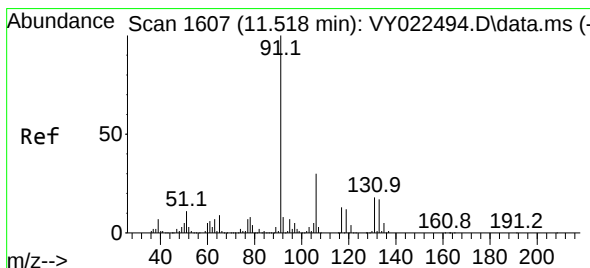
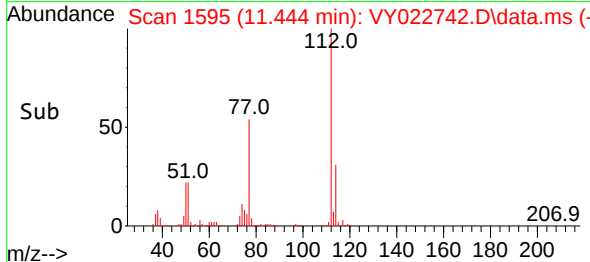
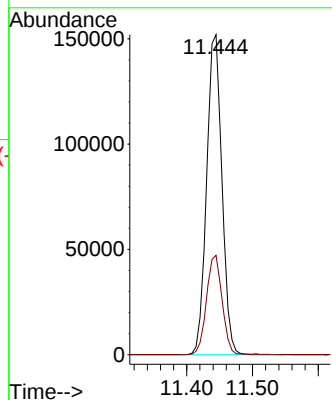
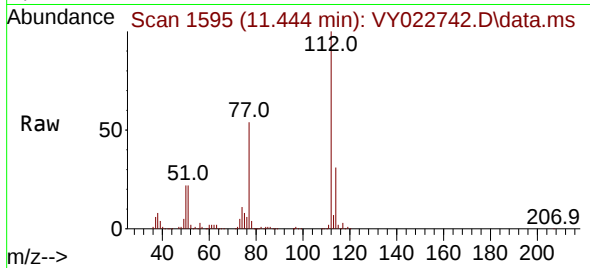




#65
Chlorobenzene
Concen: 55.847 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

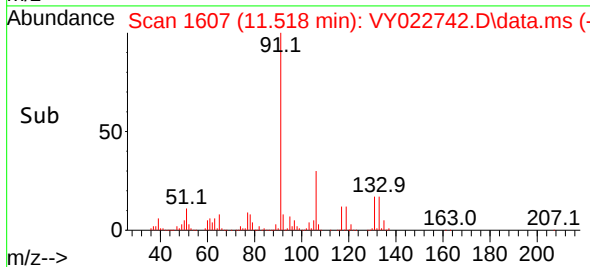
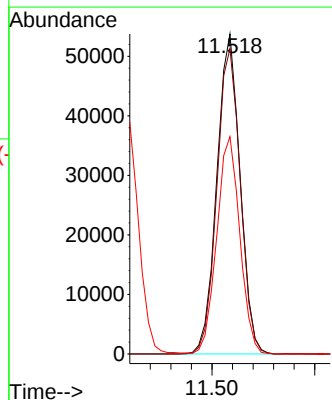
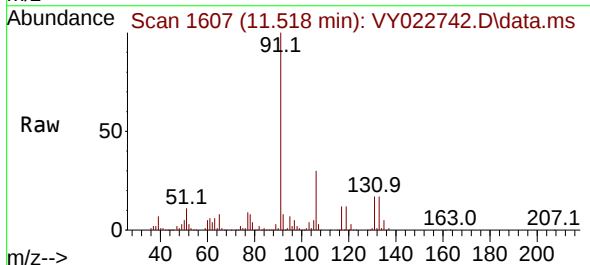
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 245829
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.778 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:131 Resp: 84194
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 67.5 33.1 99.3





#67

Ethyl Benzene

Concen: 55.422 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

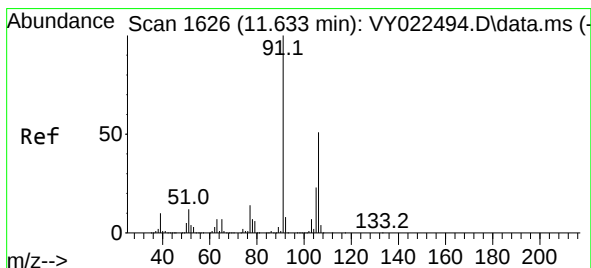
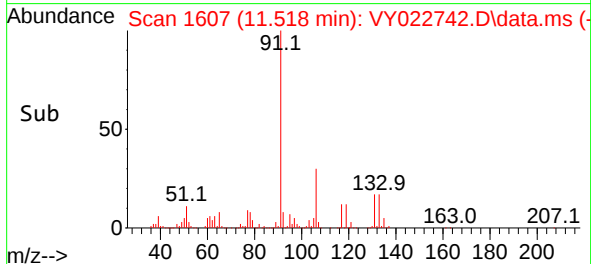
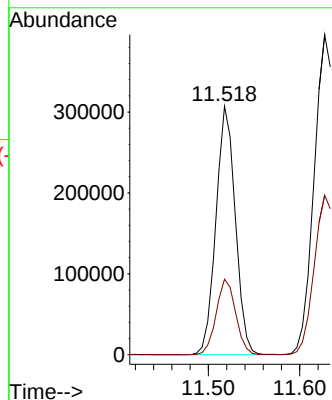
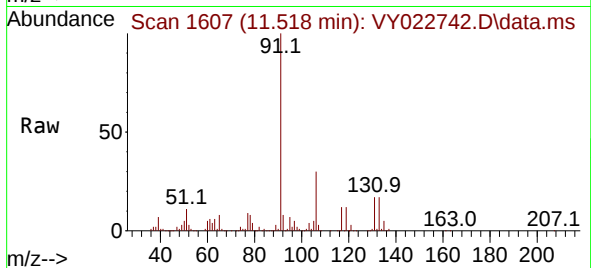
VSTDCCC050

Tgt Ion: 91 Resp: 452489

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 111.322 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022742.D

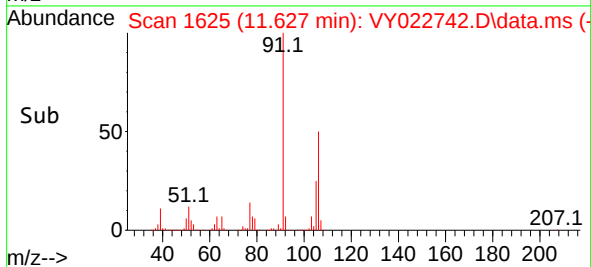
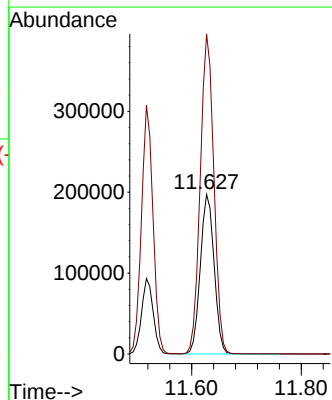
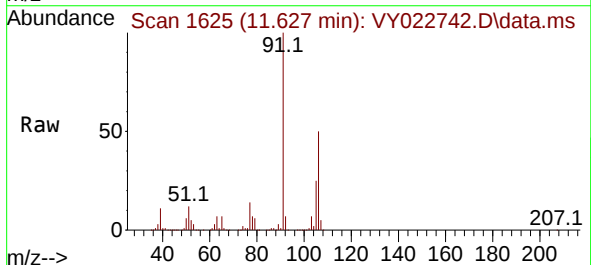
Acq: 19 Jun 2025 09:10

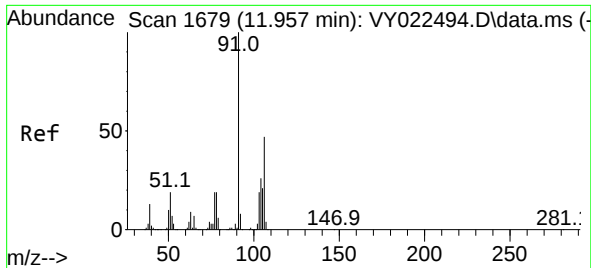
Tgt Ion:106 Resp: 344550

Ion Ratio Lower Upper

106 100

91 198.0 159.4 239.0

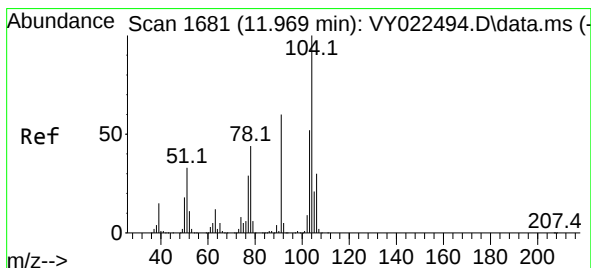
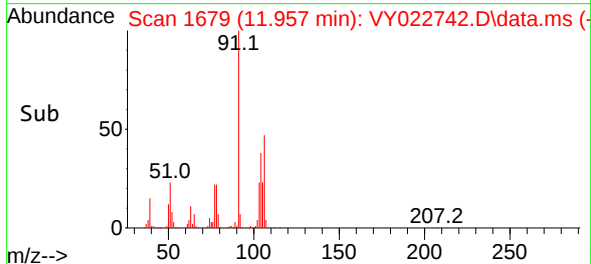
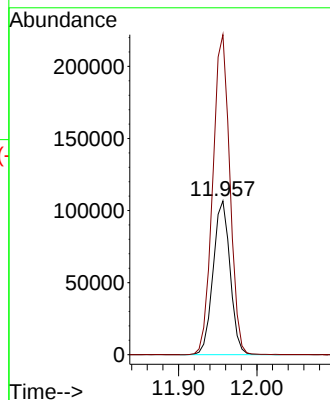
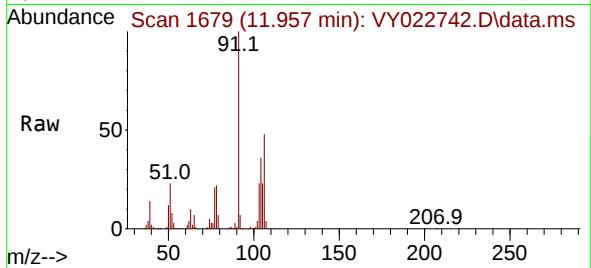




#69
o-Xylene
Concen: 55.258 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

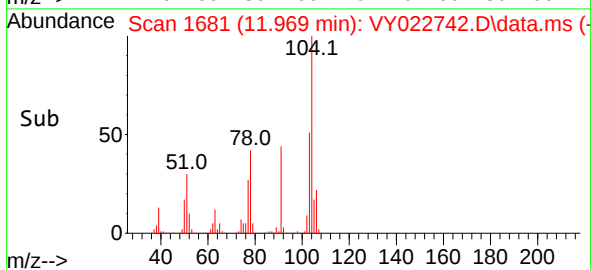
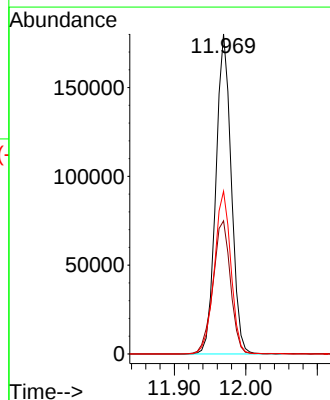
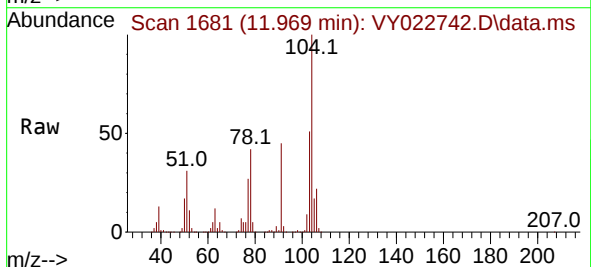
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 160351
Ion Ratio Lower Upper
106 100
91 209.9 105.8 317.3



#70
Styrene
Concen: 56.108 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:104 Resp: 269132
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 54.7 44.1 66.1





#71

Bromoform

Concen: 55.400 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

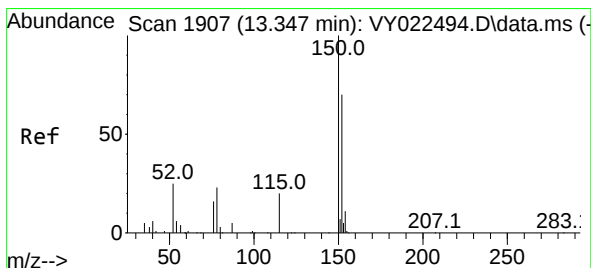
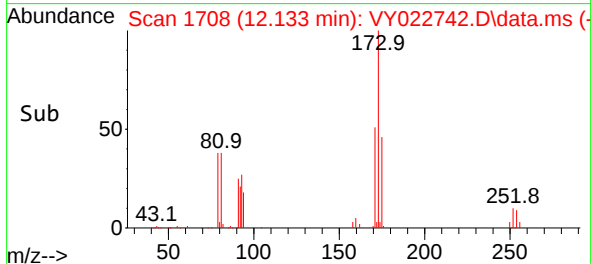
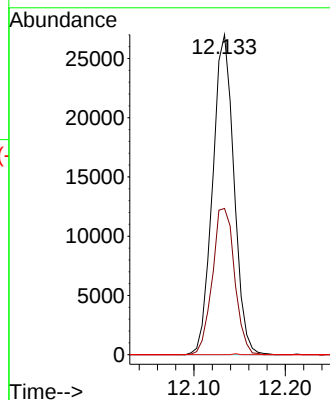
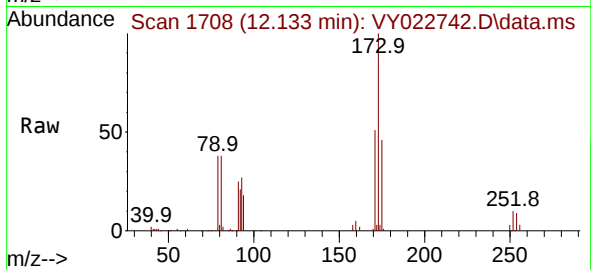
Tgt Ion:173 Resp: 43716

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

254 0.1 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: VY022742.D

Acq: 19 Jun 2025 09:10

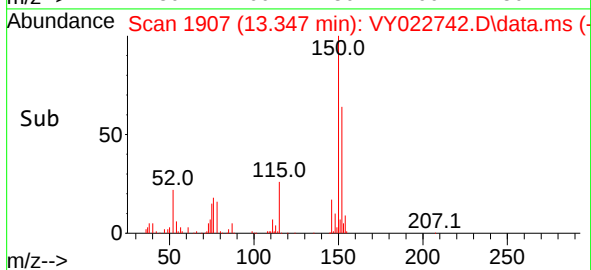
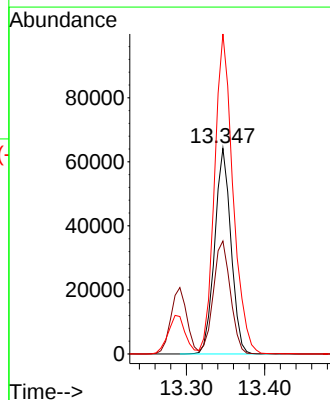
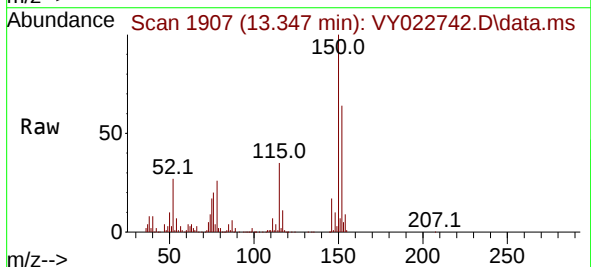
Tgt Ion:152 Resp: 92724

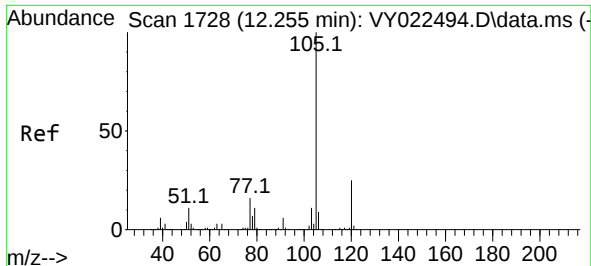
Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.7

150 176.0 0.0 349.6

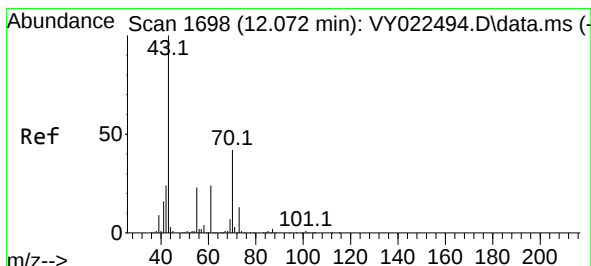
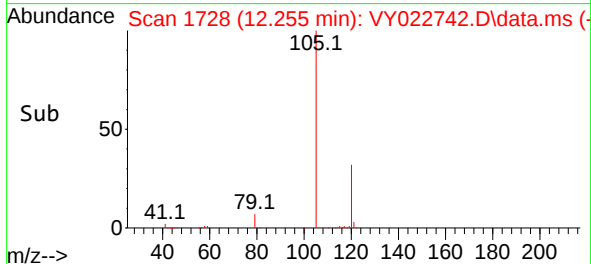
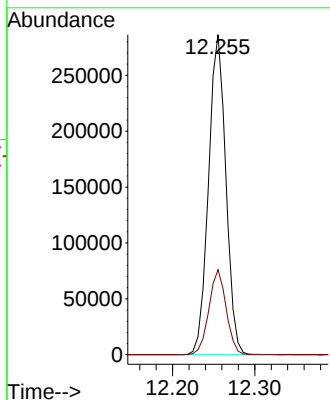
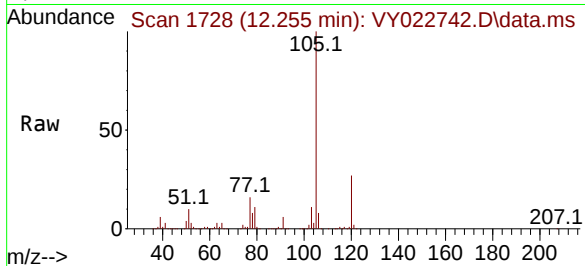




#73
Isopropylbenzene
Concen: 55.115 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

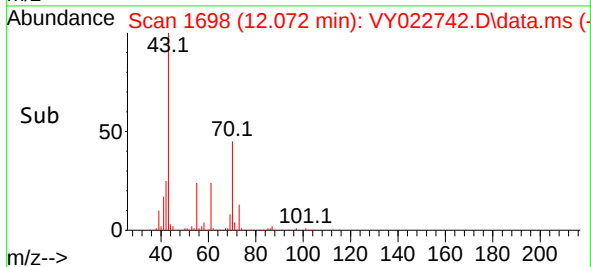
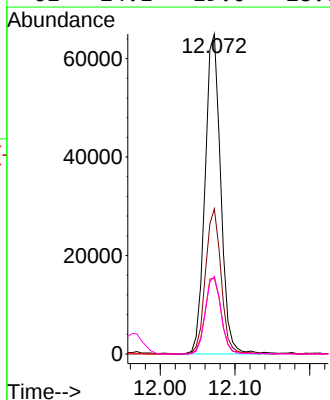
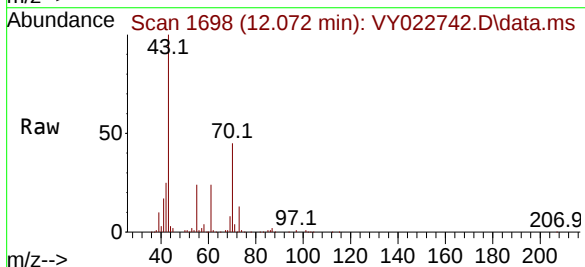
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

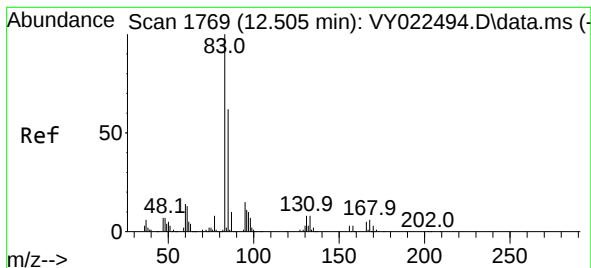
Tgt Ion:105 Resp: 419573
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 49.354 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 43 Resp: 94800
Ion Ratio Lower Upper
43 100
70 45.0 34.2 51.2
55 24.8 18.2 27.4
61 24.1 19.0 28.6

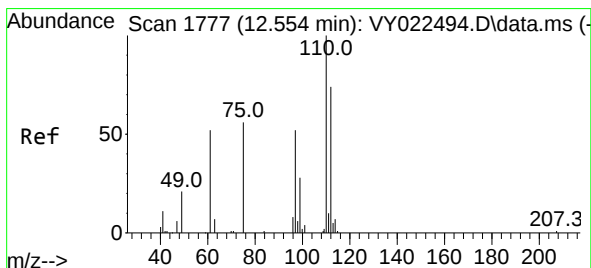
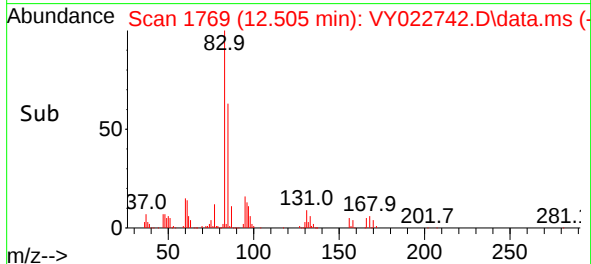
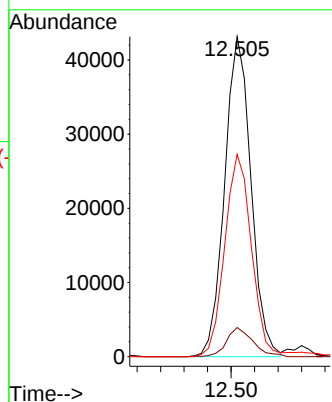
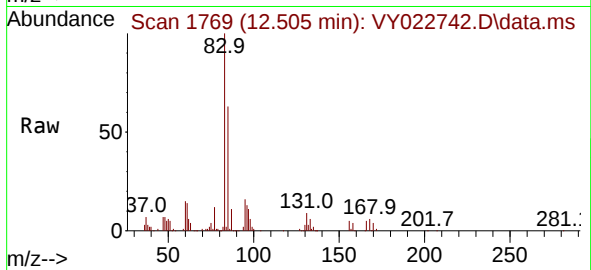




#75
 1,1,2-Tetrachloroethane
 Concen: 53.782 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022742.D
 Acq: 19 Jun 2025 09:10

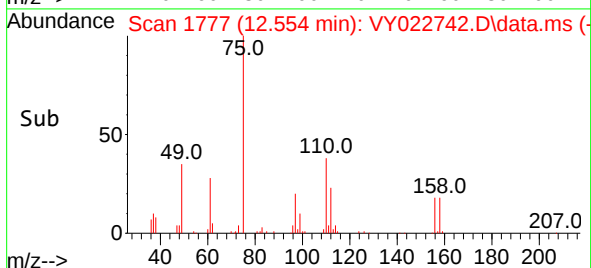
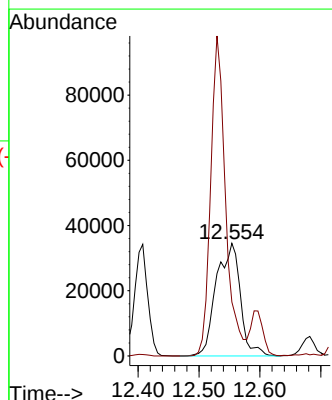
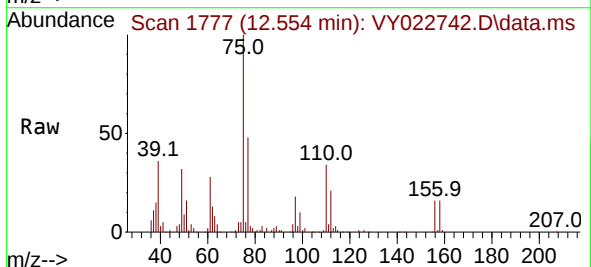
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

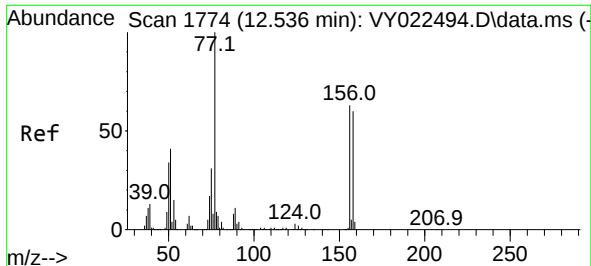
Tgt Ion: 83 Resp: 67196
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.9 14.7
 85 64.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 89.080 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022742.D
 Acq: 19 Jun 2025 09:10

Tgt Ion: 75 Resp: 94496
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

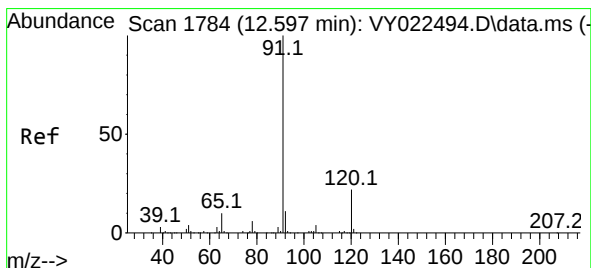
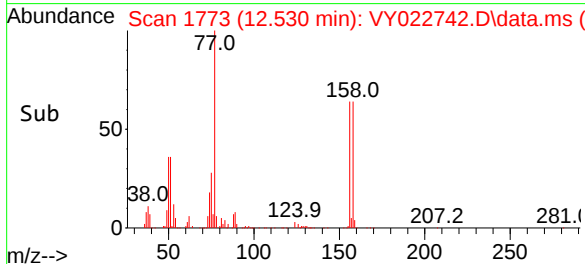
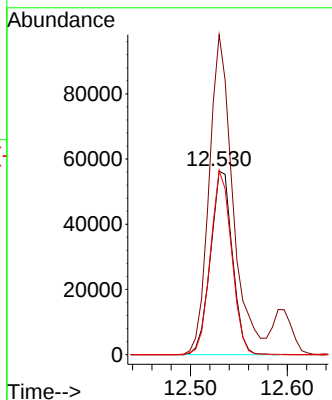
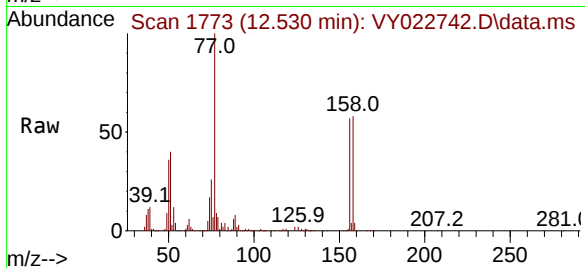




#77
Bromobenzene
Concen: 55.095 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

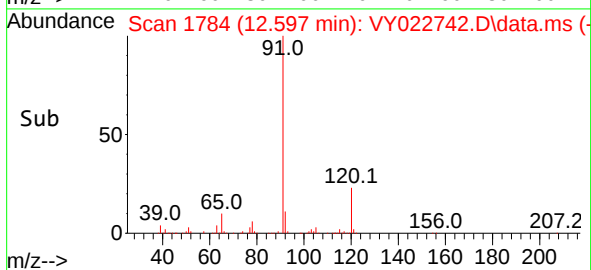
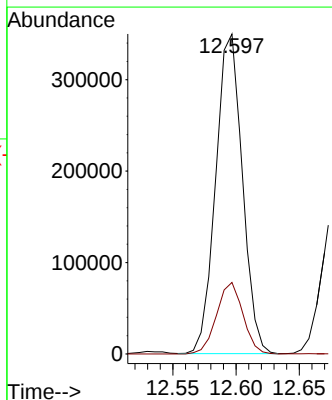
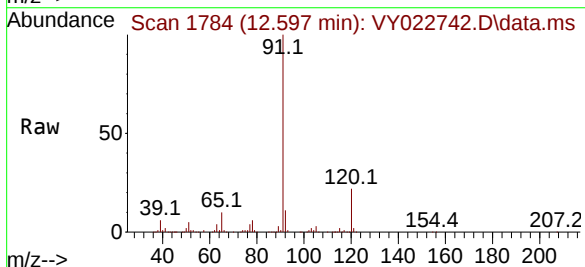
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

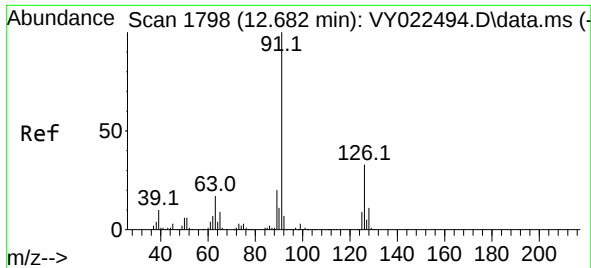
Tgt Ion:156 Resp: 88508
Ion Ratio Lower Upper
156 100
77 187.4 94.0 282.1
158 97.2 48.2 144.6



#78
n-propylbenzene
Concen: 55.094 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 91 Resp: 512268
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4

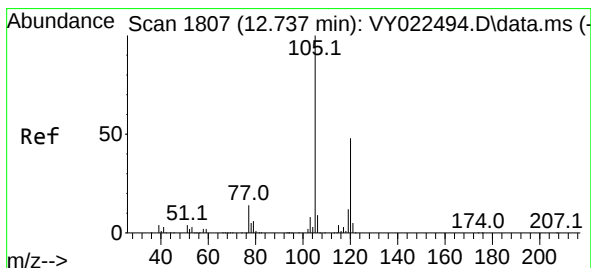
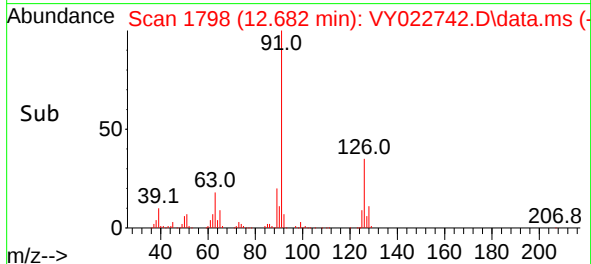
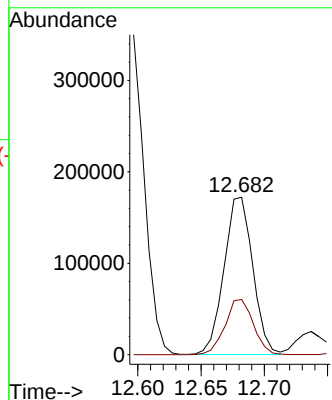
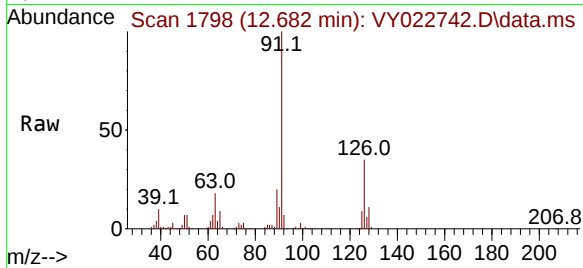




#79
2-Chlorotoluene
Concen: 55.244 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

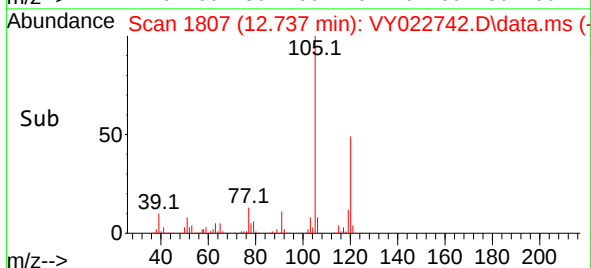
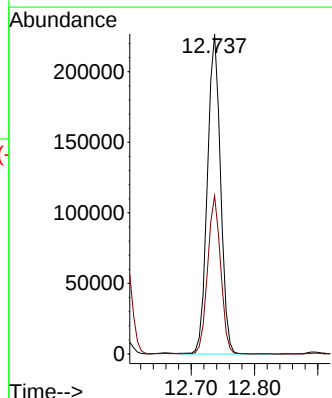
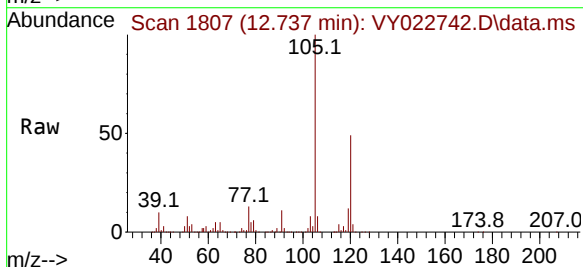
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

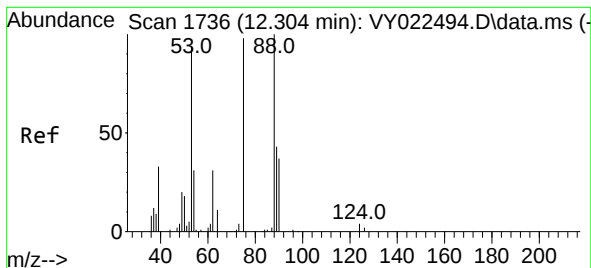
Tgt Ion: 91 Resp: 272243
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 54.710 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:105 Resp: 326979
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4

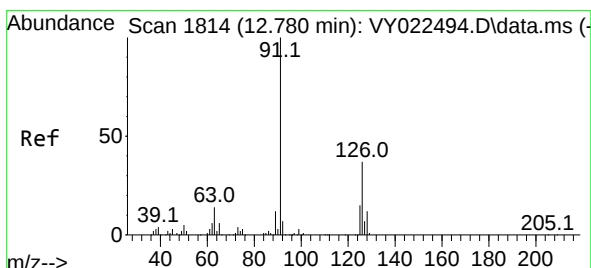
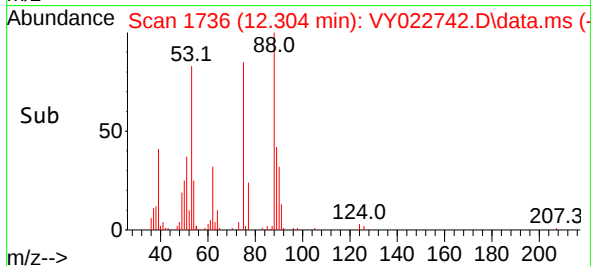
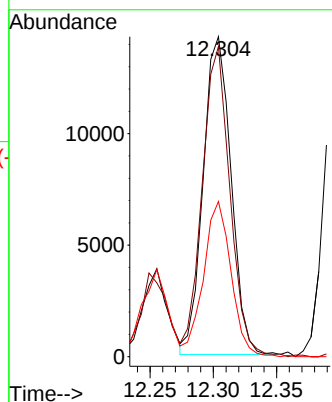
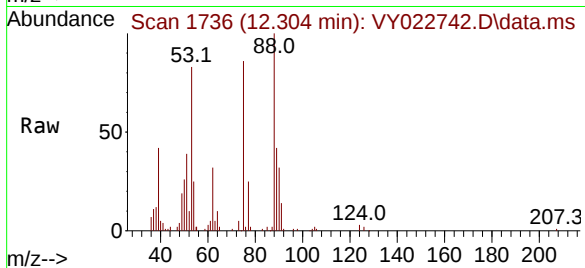




#81
trans-1,4-Dichloro-2-butene
Concen: 49.626 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

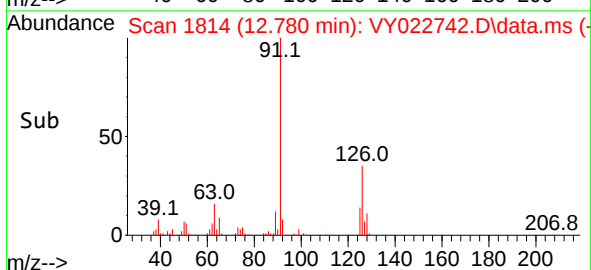
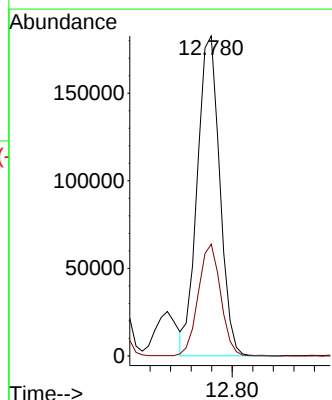
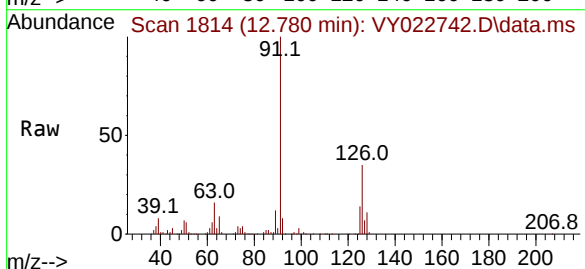
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

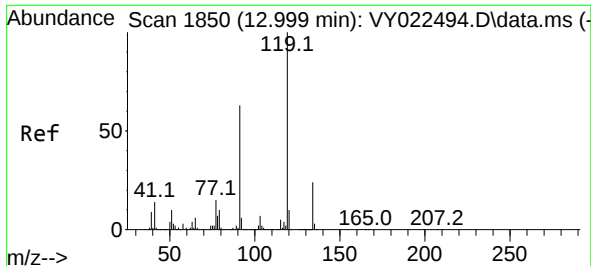
Tgt Ion: 75 Resp: 21799
Ion Ratio Lower Upper
75 100
53 97.6 78.5 117.7
89 48.7 35.7 53.5



#82
4-Chlorotoluene
Concen: 54.501 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 91 Resp: 277066
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9

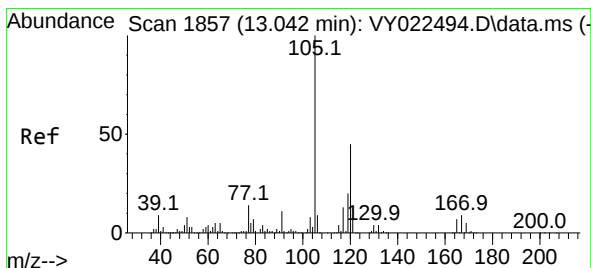
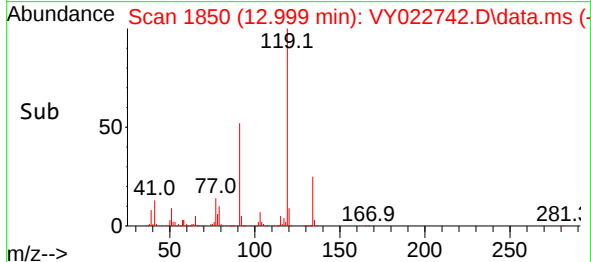
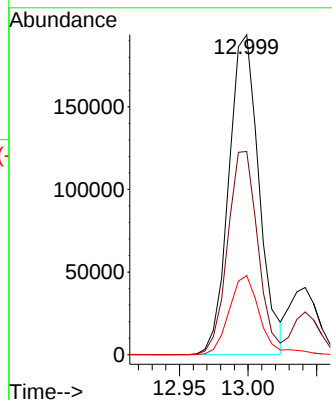
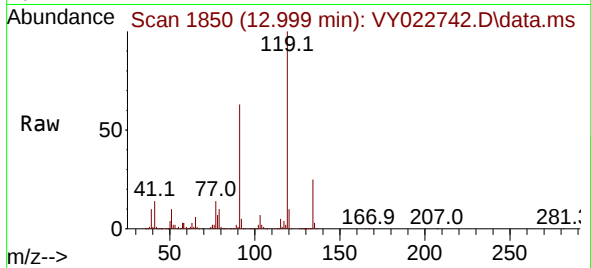




#83
tert-Butylbenzene
Concen: 55.604 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

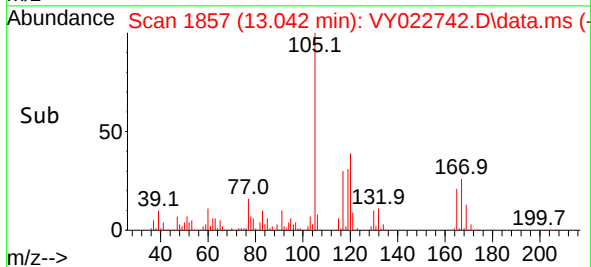
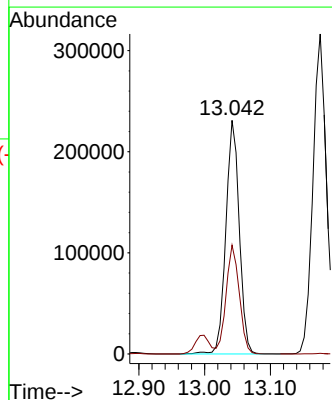
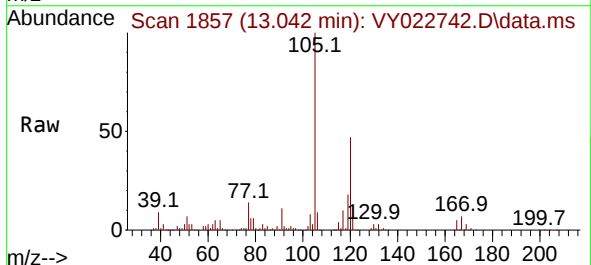
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

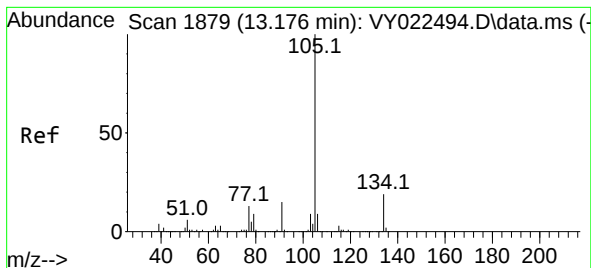
Tgt Ion:119 Resp: 298267
Ion Ratio Lower Upper
119 100
91 63.3 32.1 96.3
134 25.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 54.913 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion:105 Resp: 328248
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.702 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

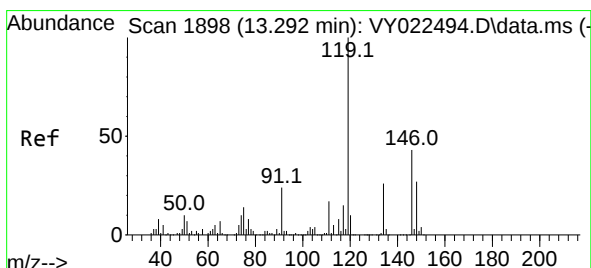
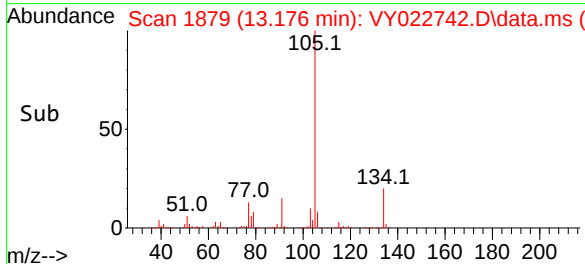
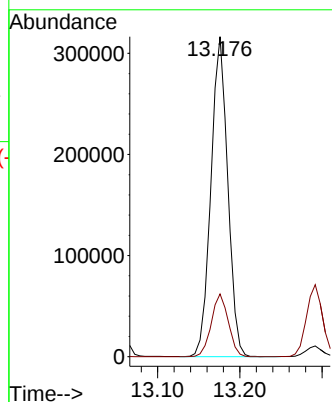
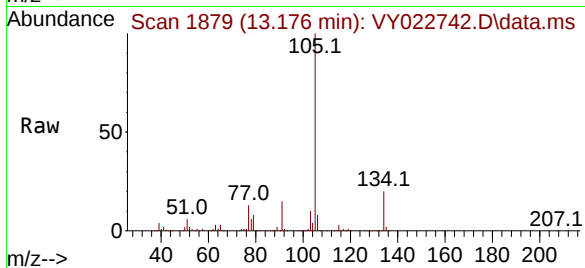
VSTDCCC050

Tgt Ion:105 Resp: 449393

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 54.754 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

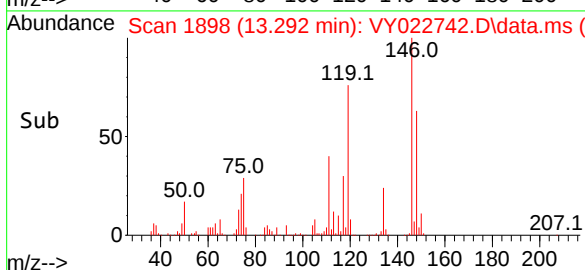
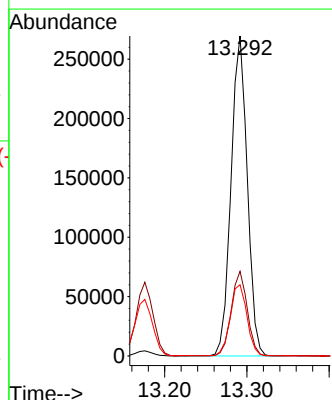
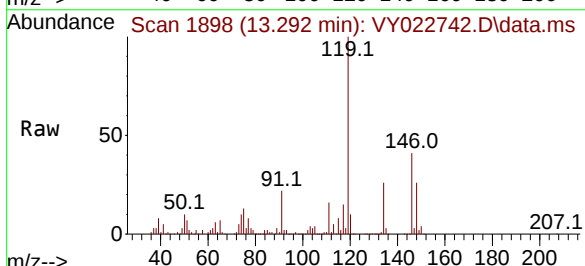
Tgt Ion:119 Resp: 370775

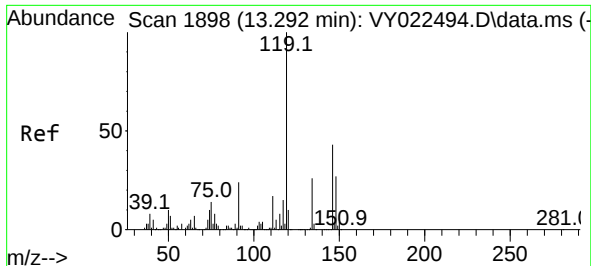
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 56.077 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

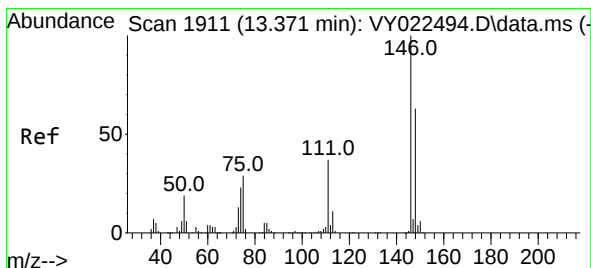
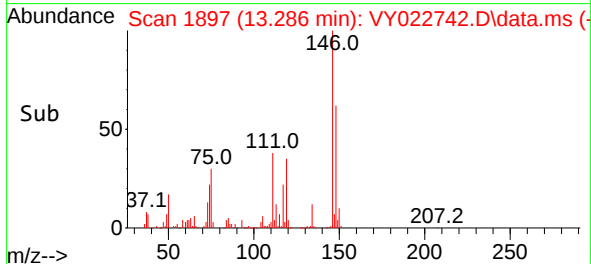
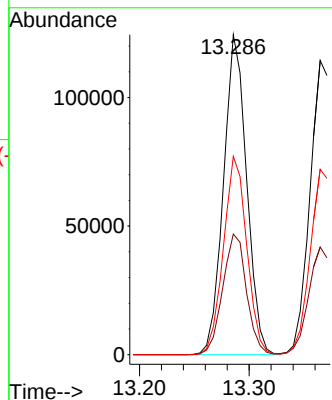
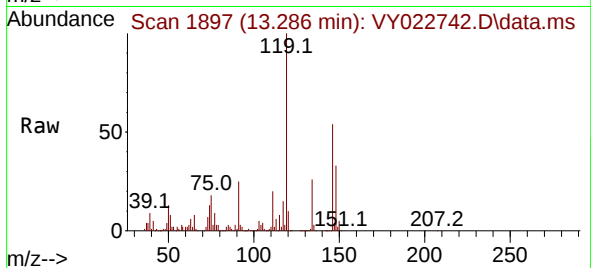
Tgt Ion:146 Resp: 182521

Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.2

148 62.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 55.313 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

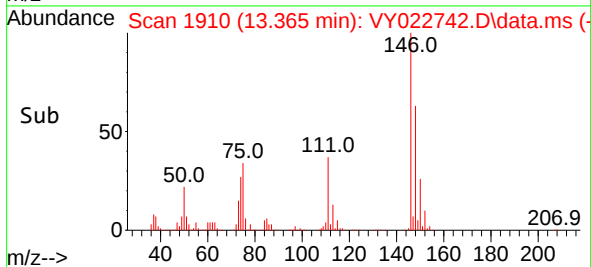
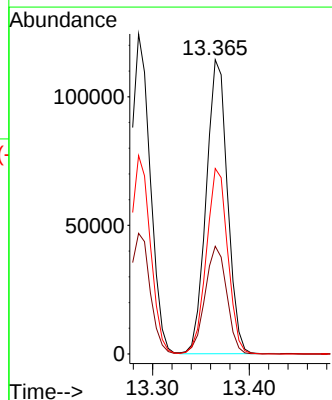
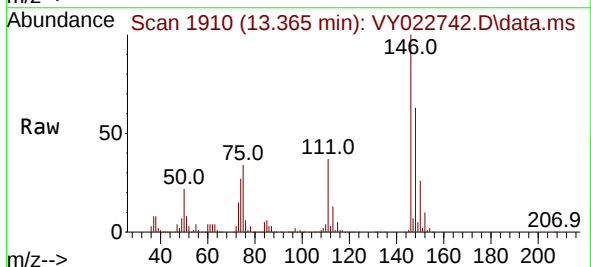
Tgt Ion:146 Resp: 174615

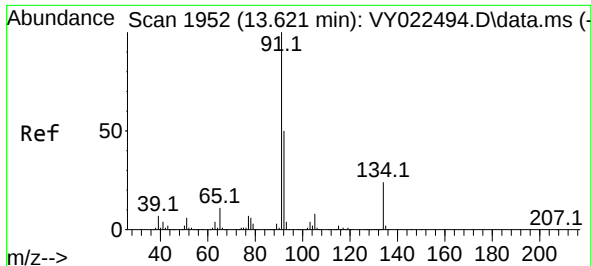
Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.2

148 63.4 31.6 94.8

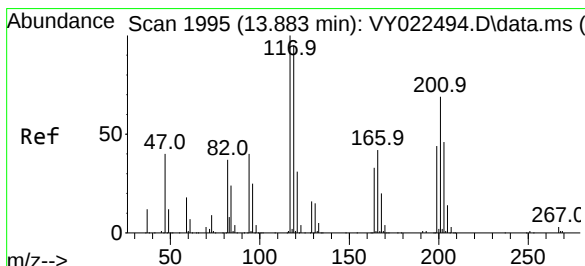
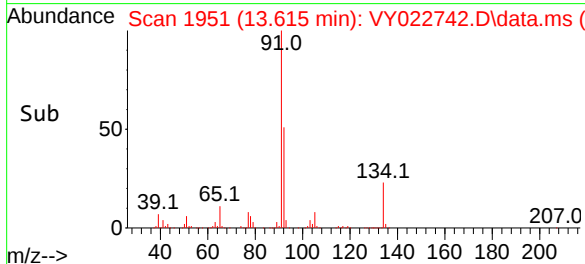
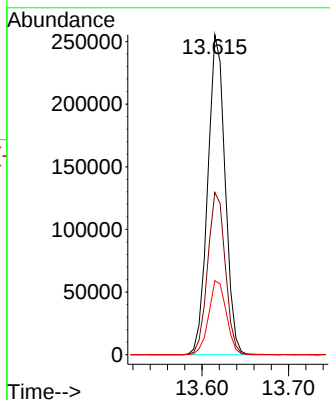
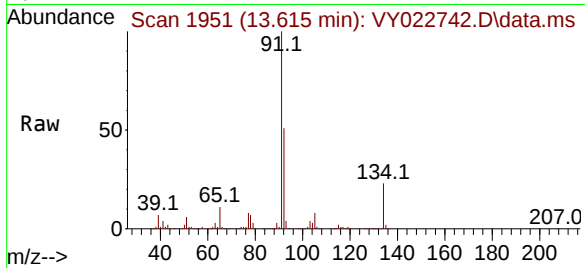




#89
n-Butylbenzene
Concen: 55.202 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

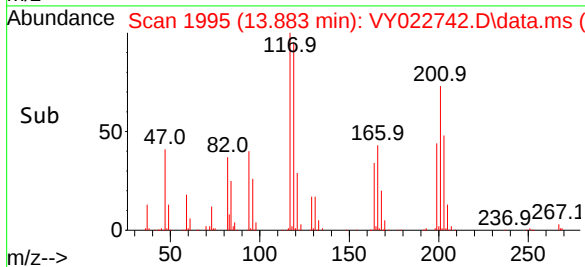
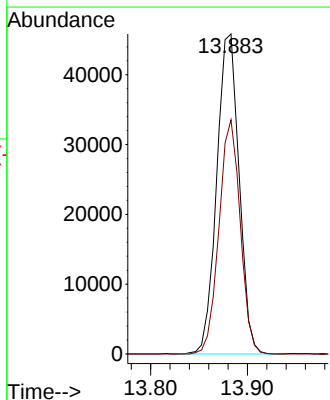
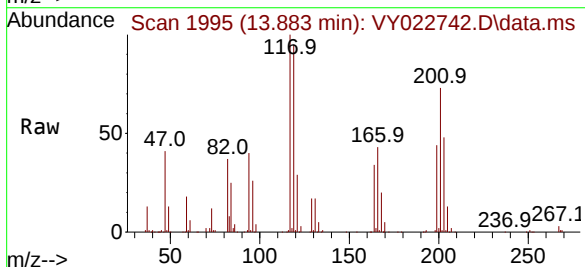
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 354657
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.8
134 23.6 12.0 36.1



#90
Hexachloroethane
Concen: 55.778 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 117 Resp: 73533
Ion Ratio Lower Upper
117 100
201 69.5 34.0 102.0

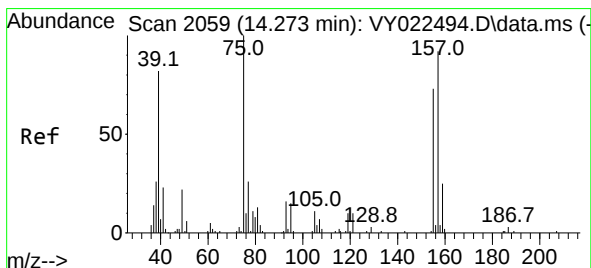
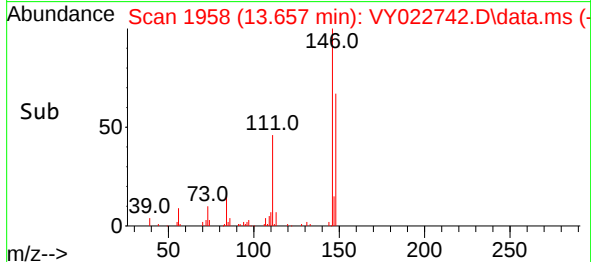
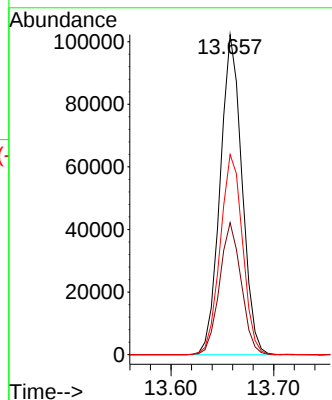
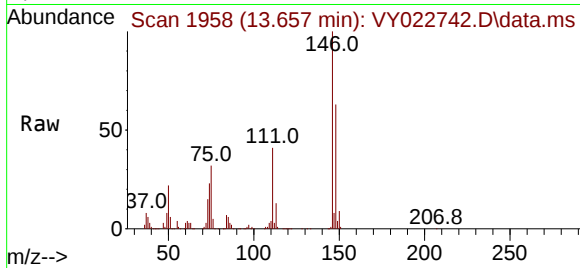




#91
1,2-Dichlorobenzene
Concen: 54.422 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

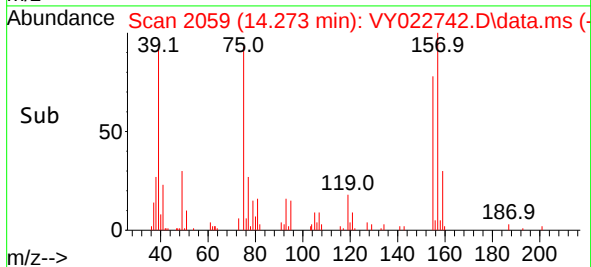
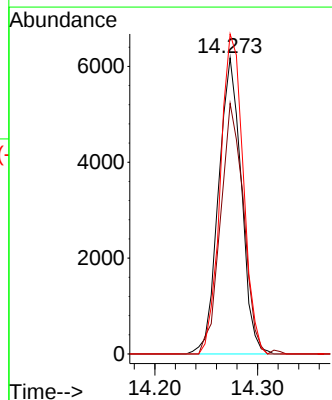
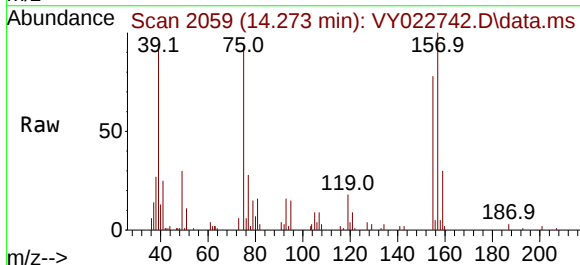
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

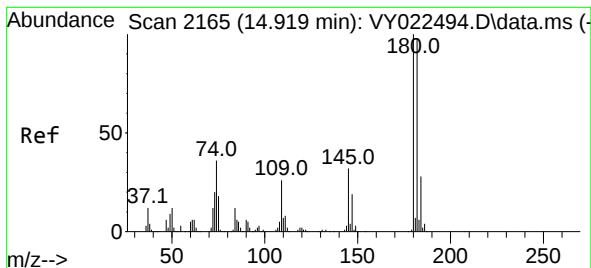
Tgt Ion:146 Resp: 150394
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.6
148 64.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.158 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022742.D
Acq: 19 Jun 2025 09:10

Tgt Ion: 75 Resp: 9488
Ion Ratio Lower Upper
75 100
155 85.7 39.9 119.6
157 108.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.898 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

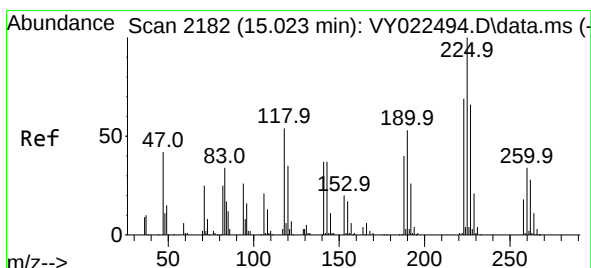
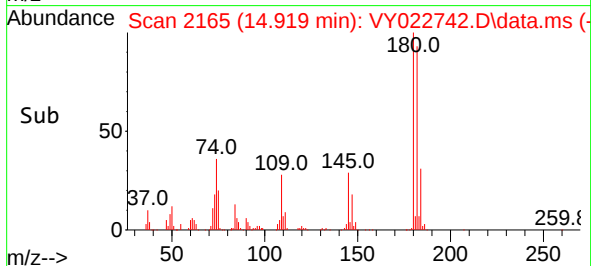
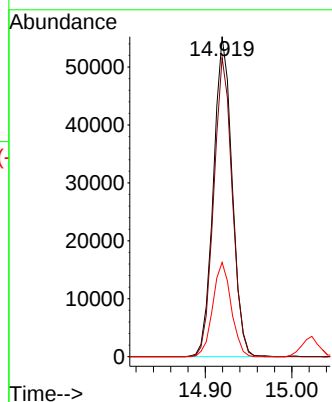
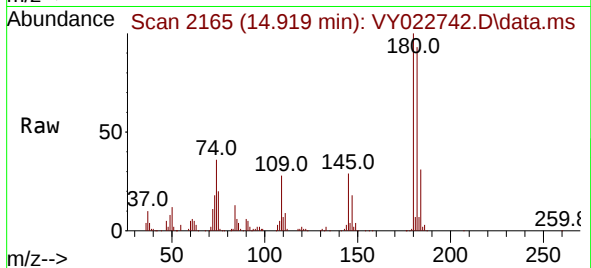
Tgt Ion:180 Resp: 82741

Ion Ratio Lower Upper

180 100

182 92.2 48.4 145.3

145 29.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 54.454 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

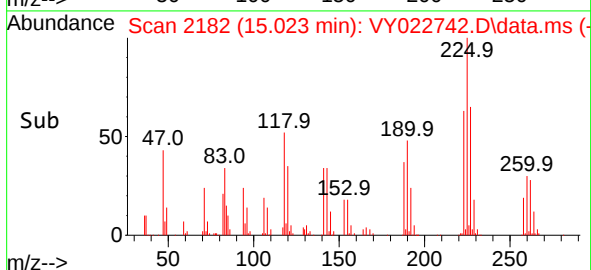
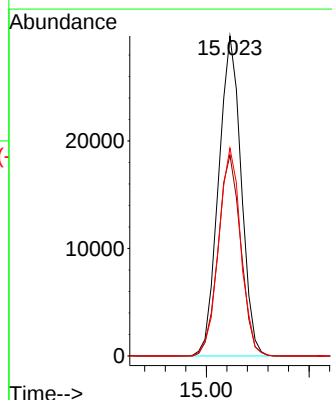
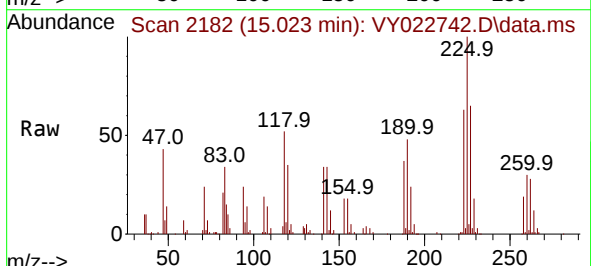
Tgt Ion:225 Resp: 45298

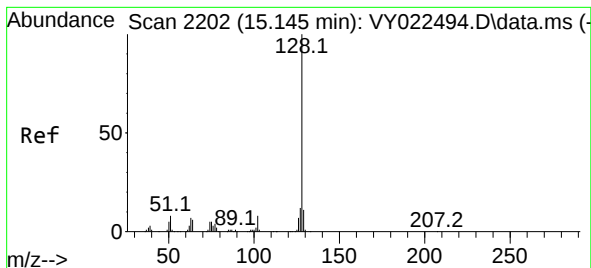
Ion Ratio Lower Upper

225 100

223 62.7 32.5 97.4

227 63.7 32.3 96.9





#95

Naphthalene

Concen: 52.126 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

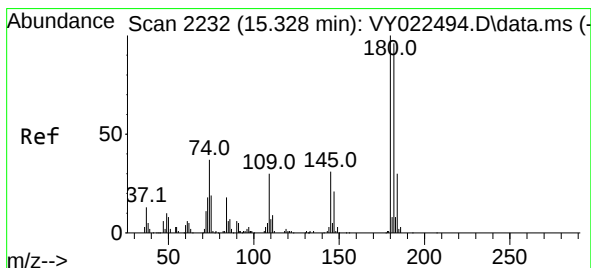
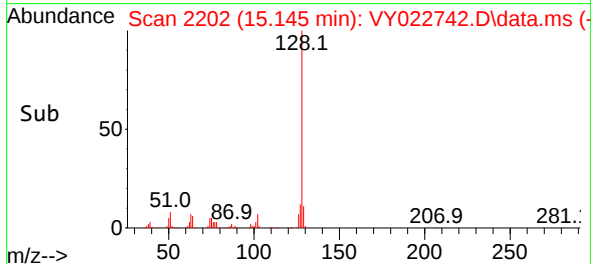
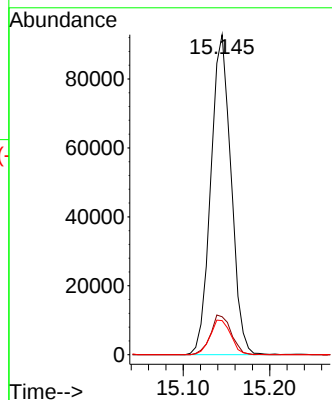
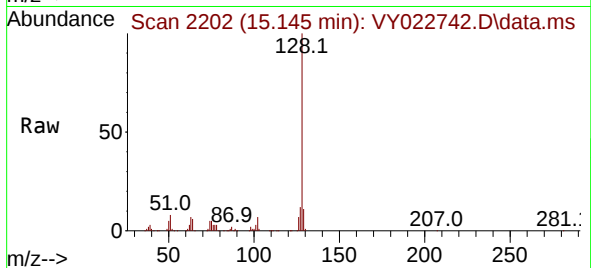
Tgt Ion:128 Resp: 150762

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.989 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022742.D

Acq: 19 Jun 2025 09:10

Tgt Ion:180 Resp: 68444

Ion Ratio Lower Upper

180 100

182 95.0 47.1 141.3

145 30.8 15.2 45.6

