

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022872.D
 Acq On : 30 Jun 2025 11:03
 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: Jul 01 03:33:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	450935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	753538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	651538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	313014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	243756	48.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.634	113	233475	50.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.900%
50) Toluene-d8	10.103	98	932998	51.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.401	95	291027	49.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	177749	46.097	ug/l	98
3) Chloromethane	2.068	50	347504	47.196	ug/l	99
4) Vinyl Chloride	2.202	62	435833	47.379	ug/l	99
5) Bromomethane	2.598	94	331517	45.841	ug/l	96
6) Chloroethane	2.732	64	300201	48.549	ug/l	98
7) Trichlorofluoromethane	3.055	101	487199	47.831	ug/l	100
8) Diethyl Ether	3.452	74	137982	54.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	249812	53.667	ug/l	98
10) Methyl Iodide	4.000	142	308595	60.890	ug/l	99
11) Tert butyl alcohol	4.860	59	75627	225.987	ug/l	98
12) 1,1-Dichloroethene	3.787	96	253515	55.543	ug/l	97
13) Acrolein	3.653	56	131156	289.024	ug/l	97
14) Allyl chloride	4.385	41	415192	59.140	ug/l	93
15) Acrylonitrile	5.055	53	280964	267.677	ug/l	99
16) Acetone	3.866	43	278686	292.967	ug/l	97
17) Carbon Disulfide	4.104	76	820572	55.650	ug/l	99
18) Methyl Acetate	4.385	43	135413	42.985	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	673902	54.224	ug/l	99
20) Methylene Chloride	4.610	84	326844	54.407	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	292093	55.994	ug/l	100
22) Diisopropyl ether	6.018	45	915302	58.707	ug/l	94
23) Vinyl Acetate	5.957	43	2512854	291.827	ug/l	100
24) 1,1-Dichloroethane	5.915	63	542541	57.610	ug/l	99
25) 2-Butanone	6.890	43	373524	269.794	ug/l	98
26) 2,2-Dichloropropane	6.884	77	464978	58.901	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	344955	56.908	ug/l	99
28) Bromochloromethane	7.244	49	201848	50.982	ug/l	94
29) Tetrahydrofuran	7.262	42	223570	255.736	ug/l	99
30) Chloroform	7.421	83	540067	55.679	ug/l	94
31) Cyclohexane	7.701	56	472984	54.714	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	463413	55.286	ug/l	98
36) 1,1-Dichloropropene	7.835	75	395697	56.966	ug/l	99
37) Ethyl Acetate	6.982	43	158012	52.716	ug/l	98
38) Carbon Tetrachloride	7.817	117	404250	55.156	ug/l	99
39) Methylcyclohexane	9.109	83	511782	56.934	ug/l	98
40) Benzene	8.079	78	1218805	57.070	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	100059	54.225	ug/l	89
42) 1,2-Dichloroethane	8.158	62	323015	55.195	ug/l	99
43) Isopropyl Acetate	8.195	43	327734	52.608	ug/l	99
44) Trichloroethene	8.865	130	304616	56.810	ug/l	97
45) 1,2-Dichloropropane	9.140	63	286614	57.342	ug/l	99
46) Dibromomethane	9.231	93	151910	53.538	ug/l	96
47) Bromodichloromethane	9.420	83	411221	56.203	ug/l	99
48) Methyl methacrylate	9.219	41	161343	53.874	ug/l	94
49) 1,4-Dioxane	9.225	88	32035	955.617	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	833028	263.135	ug/l	97
52) Toluene	10.170	92	775479	57.557	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	373508	56.737	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	440703	57.736	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	197476	53.748	ug/l	97
56) Ethyl methacrylate	10.438	69	269183	54.456	ug/l	96
57) 1,3-Dichloropropane	10.713	76	351498	54.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	584171	226.425	ug/l	99
59) 2-Hexanone	10.761	43	564964	262.488	ug/l	97
60) Dibromochloromethane	10.908	129	254363	53.598	ug/l	100
61) 1,2-Dibromoethane	11.011	107	184175	53.568	ug/l	97
64) Tetrachloroethene	10.646	164	351422	57.095	ug/l	98
65) Chlorobenzene	11.438	112	822264	57.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	271870	56.067	ug/l	99
67) Ethyl Benzene	11.517	91	1484733	59.026	ug/l	100
68) m/p-Xylenes	11.627	106	1141915	117.439	ug/l	99
69) o-Xylene	11.950	106	538230	58.746	ug/l	99
70) Styrene	11.969	104	891455	58.087	ug/l	99
71) Bromoform	12.133	173	141480	52.400	ug/l #	99
73) Isopropylbenzene	12.255	105	1388714	59.989	ug/l	99
74) N-amyl acetate	12.072	43	292603	56.311	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	195128	52.300	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	293294	91.780	ug/l #	100
77) Bromobenzene	12.529	156	300835	57.333	ug/l	99
78) n-propylbenzene	12.590	91	1680095	60.112	ug/l	98
79) 2-Chlorotoluene	12.676	91	944654	59.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1121467	60.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	69372	54.844	ug/l	99
82) 4-Chlorotoluene	12.773	91	978923	59.018	ug/l	100
83) tert-Butylbenzene	12.993	119	995290	60.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1120897	59.909	ug/l	99
85) sec-Butylbenzene	13.176	105	1485102	59.890	ug/l	99
86) p-Isopropyltoluene	13.291	119	1240025	60.092	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	610002	57.885	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	595473	56.885	ug/l	100
89) n-Butylbenzene	13.615	91	1159242	59.722	ug/l	98
90) Hexachloroethane	13.877	117	239625	58.303	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	520523	56.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30651	48.445	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	283954	54.155	ug/l	97
94) Hexachlorobutadiene	15.023	225	156306	52.716	ug/l	99
95) Naphthalene	15.139	128	478727	50.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	229335	50.615	ug/l	97

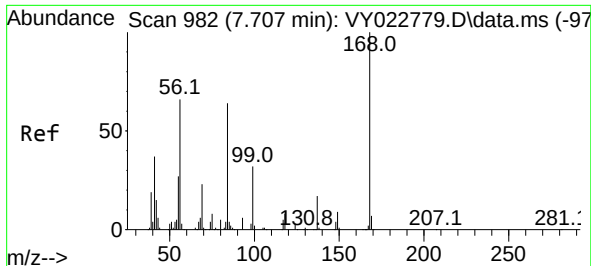
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Response via : Initial Calibration

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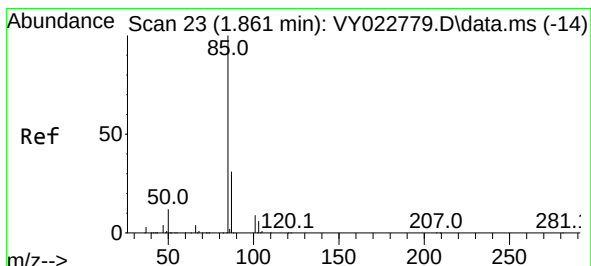
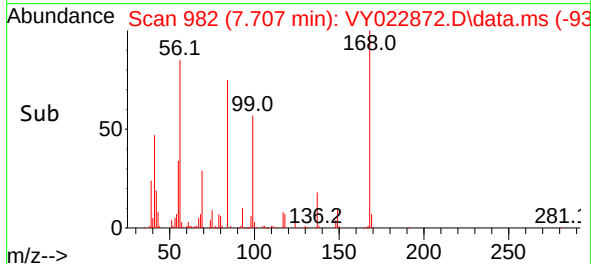
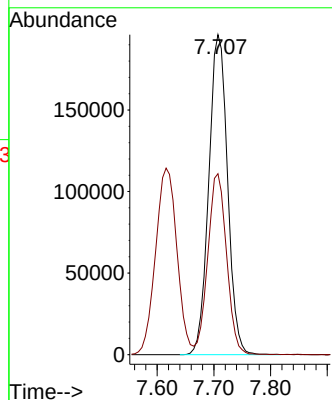
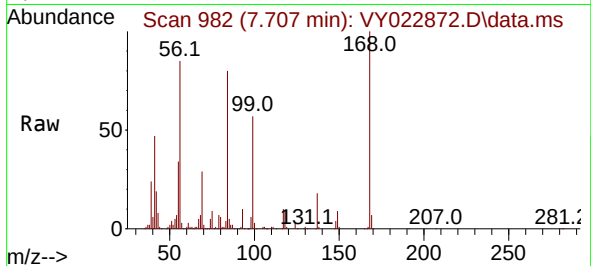
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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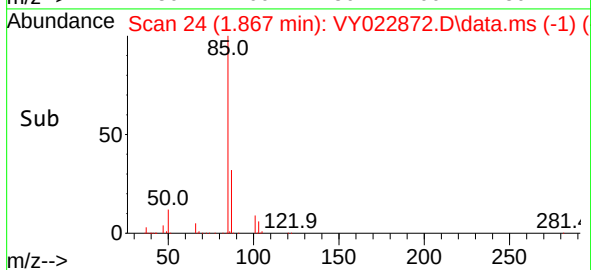
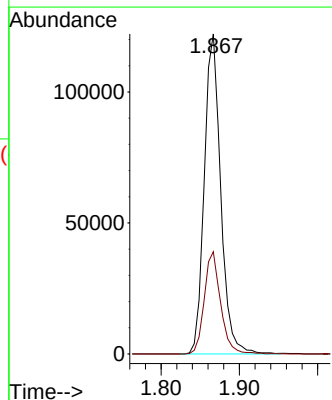
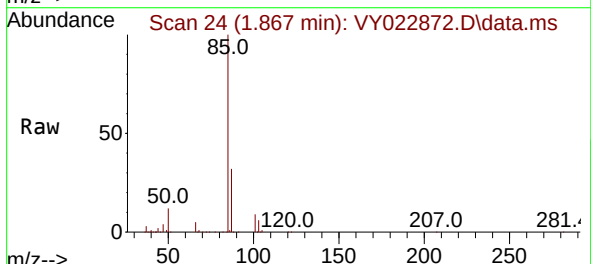
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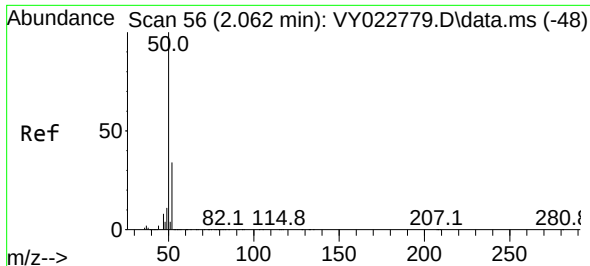
Tgt Ion:168 Resp: 450935
Ion Ratio Lower Upper
168 100
99 56.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 46.097 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 85 Resp: 177749
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.0

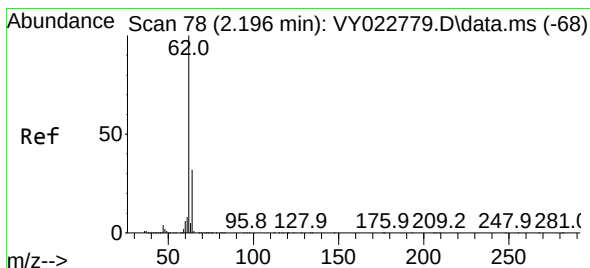
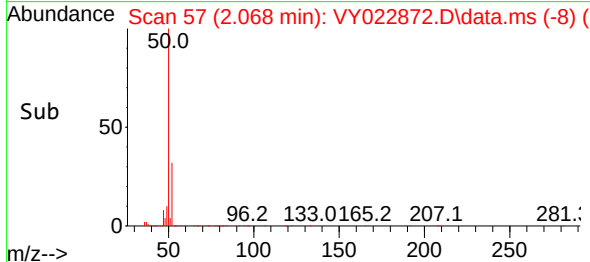
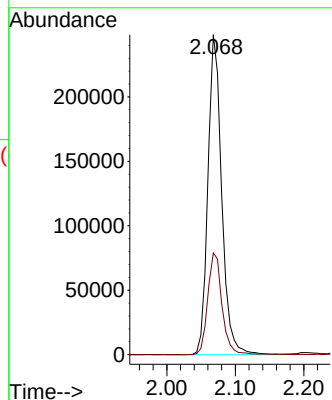
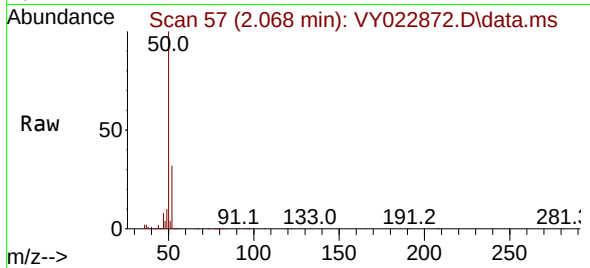




#3
Chloromethane
Concen: 47.196 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

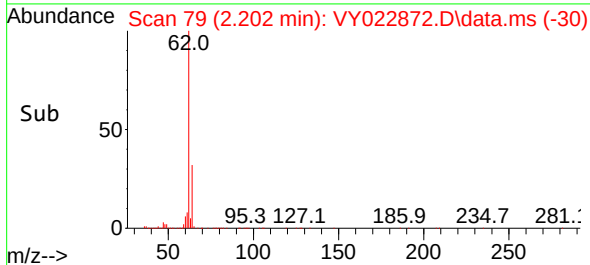
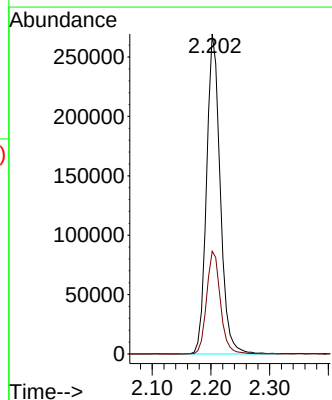
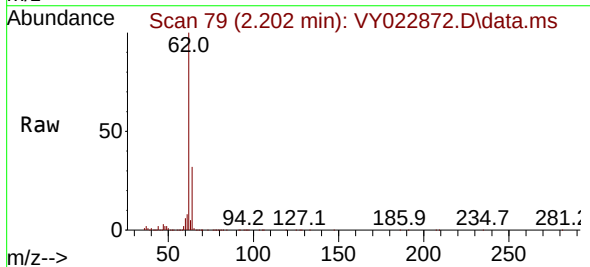
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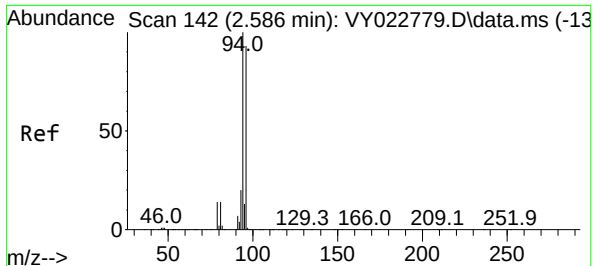
Tgt Ion: 50 Resp: 347504
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 47.379 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 62 Resp: 435833
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

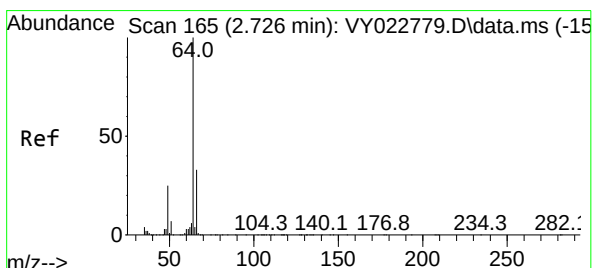
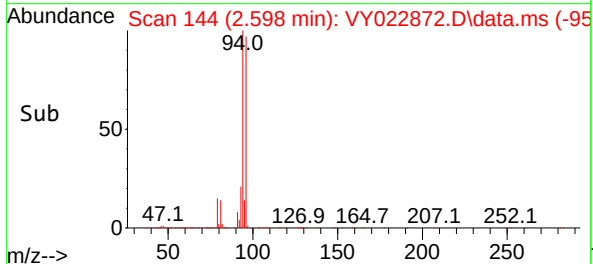
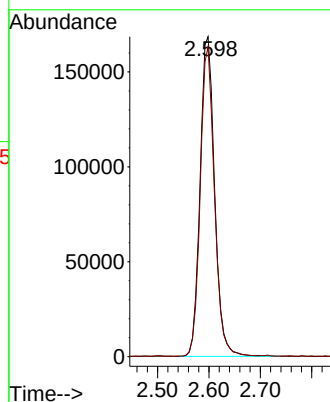
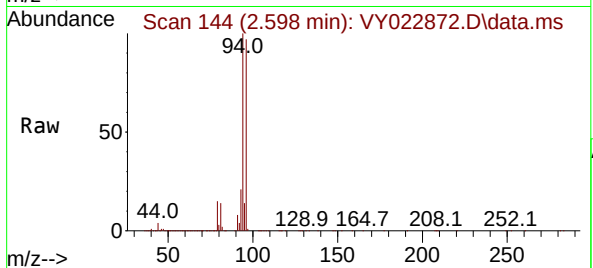




#5
Bromomethane
Concen: 45.841 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

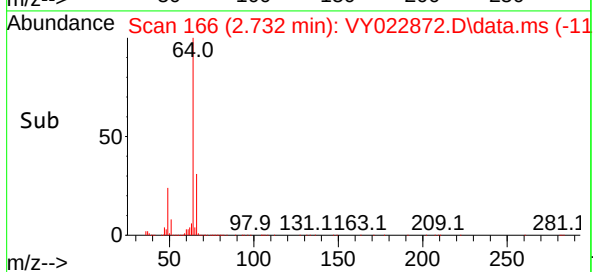
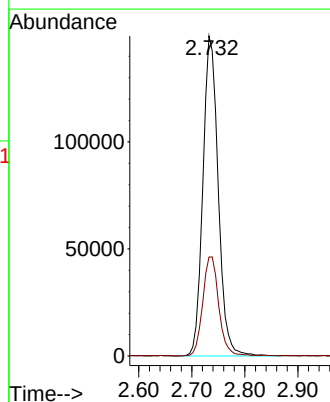
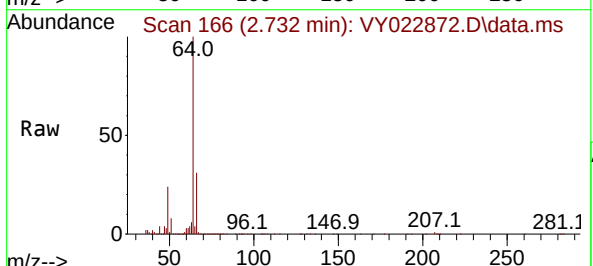
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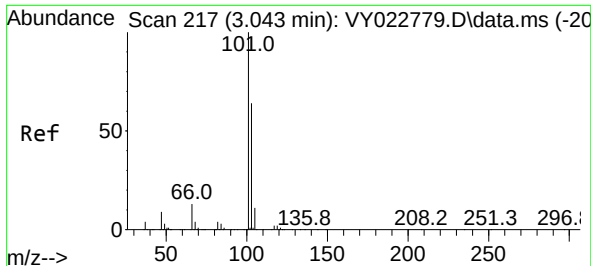
Tgt Ion: 94 Resp: 331517
Ion Ratio Lower Upper
94 100
96 96.8 74.0 111.0



#6
Chloroethane
Concen: 48.549 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 64 Resp: 300201
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.6

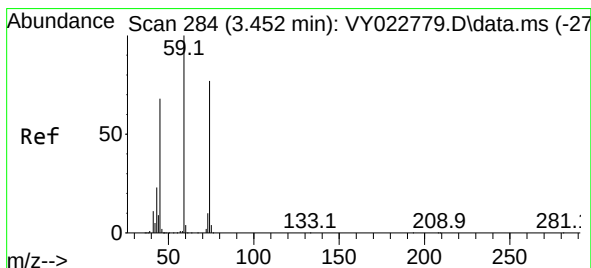
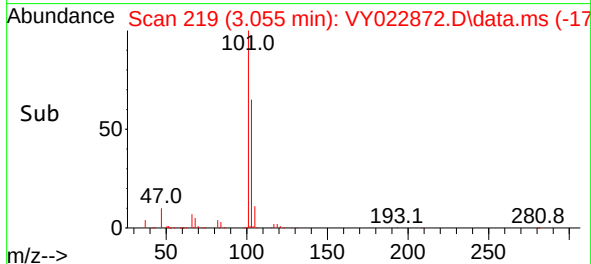
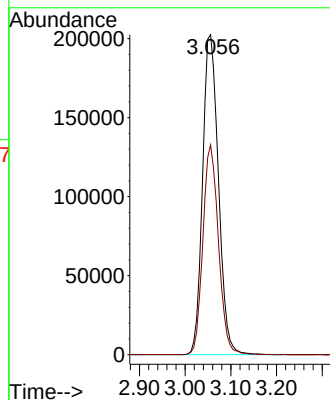
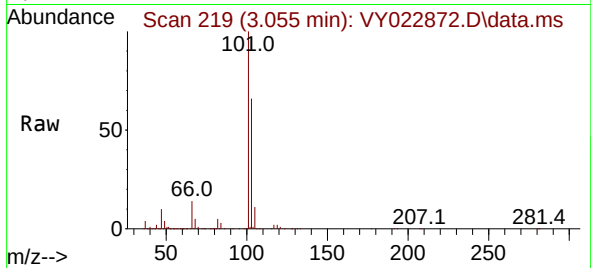




#7
Trichlorofluoromethane
Concen: 47.831 ug/l
RT: 3.055 min Scan# 217
Delta R.T. -0.000 min
Lab File: VY022872.D
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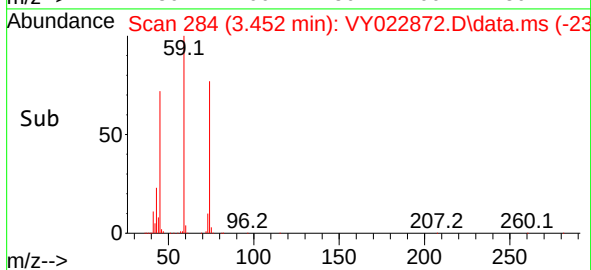
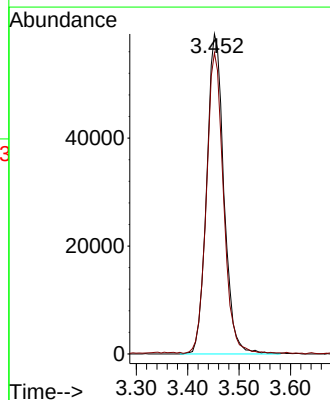
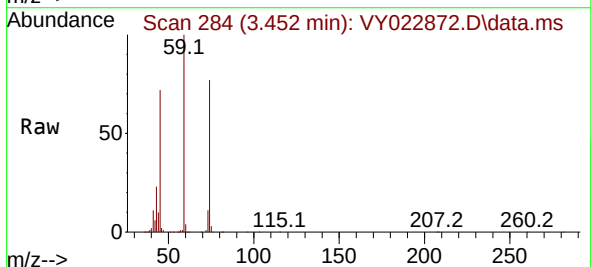
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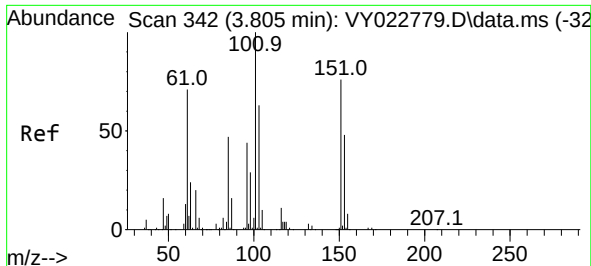
Tgt Ion:101 Resp: 487199
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2



#8
Diethyl Ether
Concen: 54.847 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 74 Resp: 137982
Ion Ratio Lower Upper
74 100
45 93.1 45.9 137.6

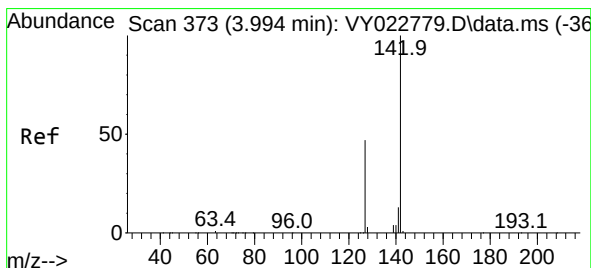
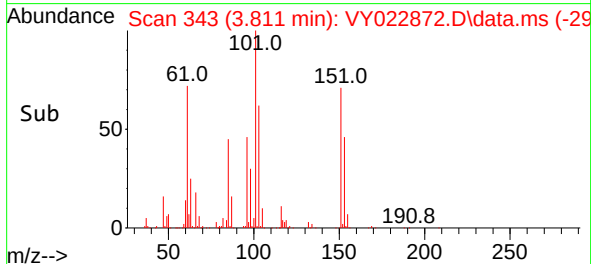
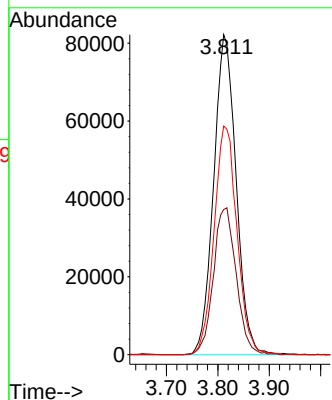
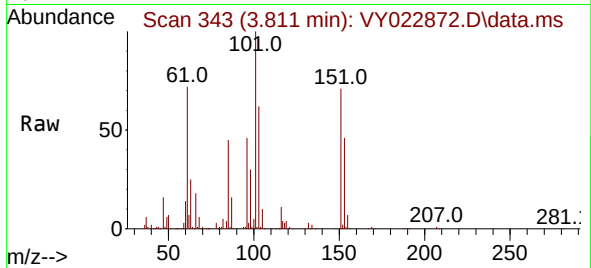




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.667 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
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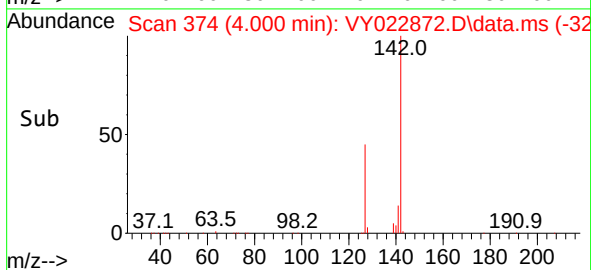
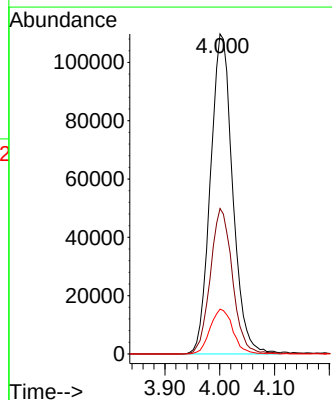
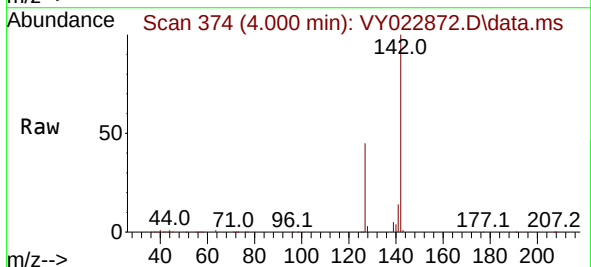
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ClientSampleId :
VSTDCCC050

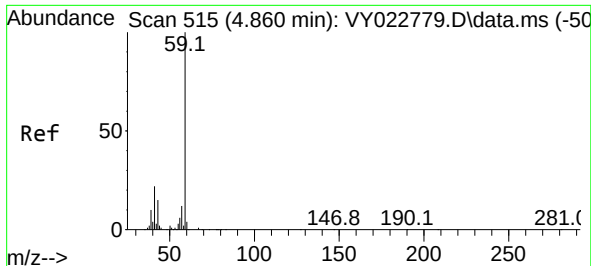
Tgt Ion:101 Resp: 249812
Ion Ratio Lower Upper
101 100
85 46.6 39.3 58.9
151 73.0 57.8 86.8



#10
Methyl Iodide
Concen: 60.890 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion:142 Resp: 308595
Ion Ratio Lower Upper
142 100
127 45.6 37.1 55.7
141 14.3 11.4 17.2

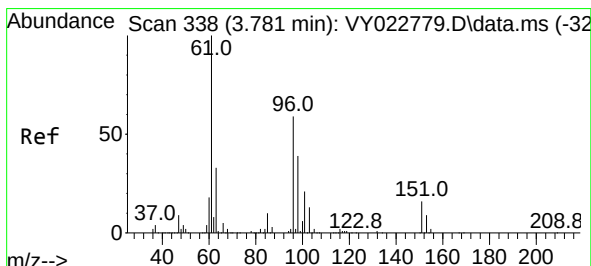
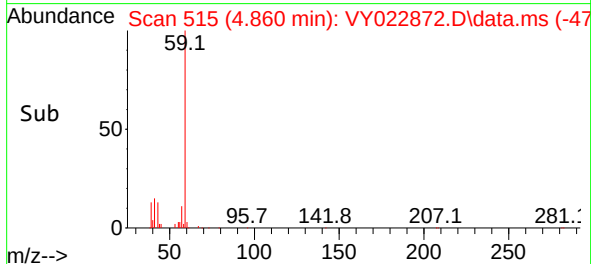
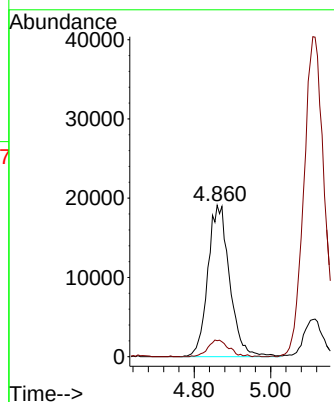
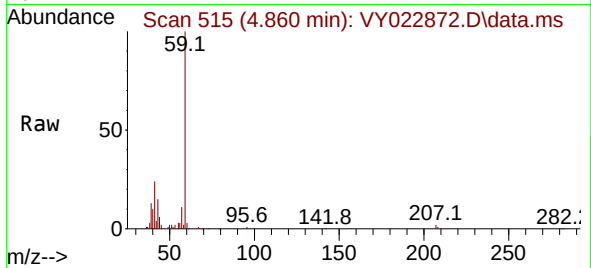




#11
Tert butyl alcohol
Concen: 225.987 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.025 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

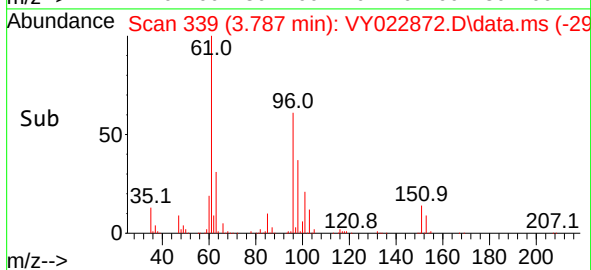
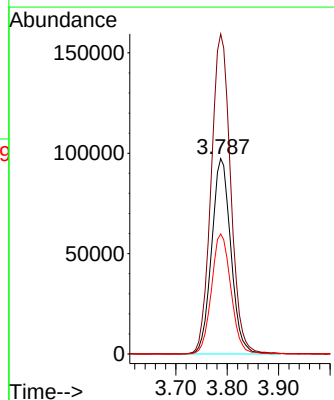
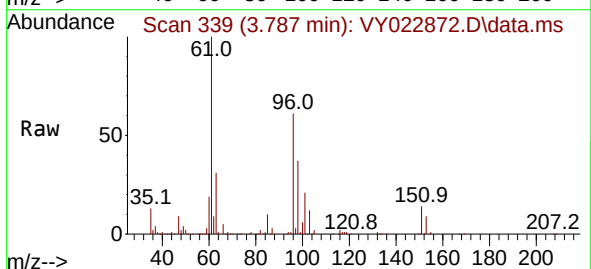
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

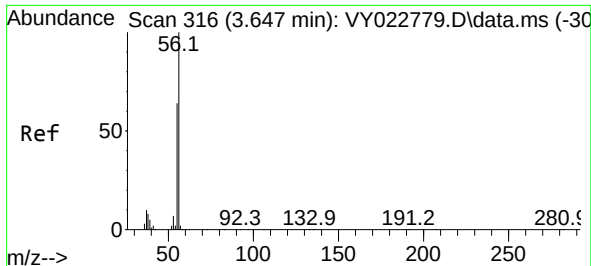
Tgt Ion: 59 Resp: 75627
Ion Ratio Lower Upper
59 100
57 10.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 55.543 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 96 Resp: 253515
Ion Ratio Lower Upper
96 100
61 163.8 134.6 201.8
98 61.4 50.2 75.4

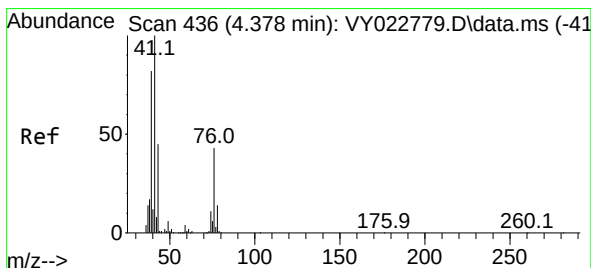
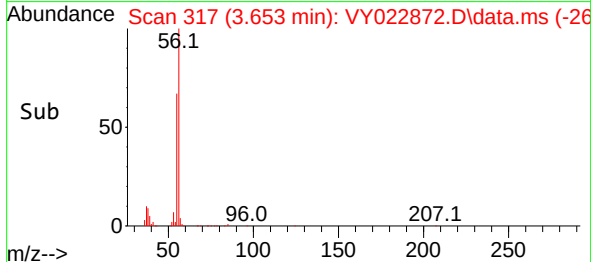
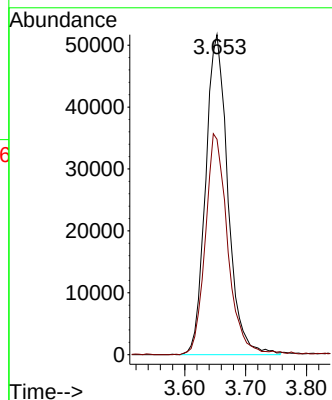
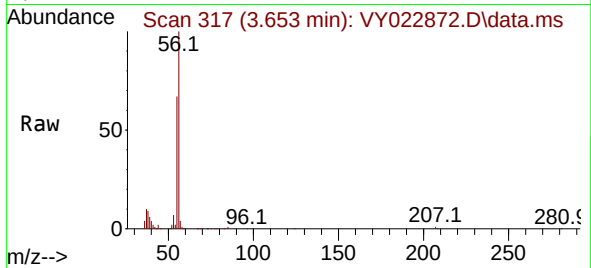




#13
Acrolein
Concen: 289.024 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

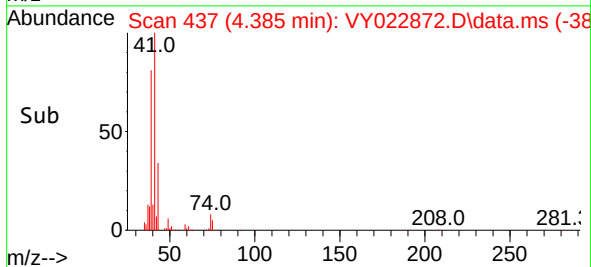
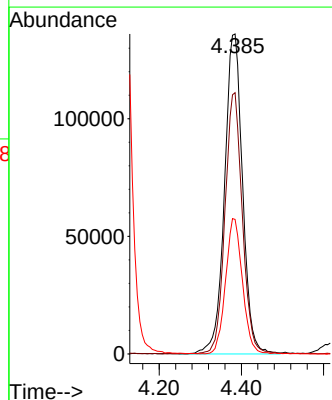
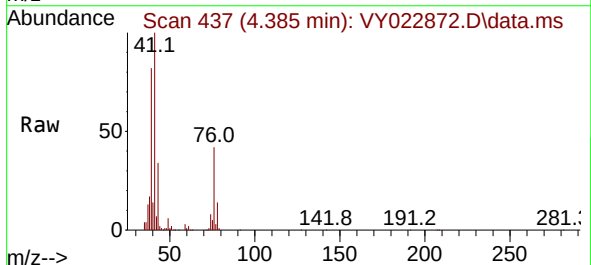
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

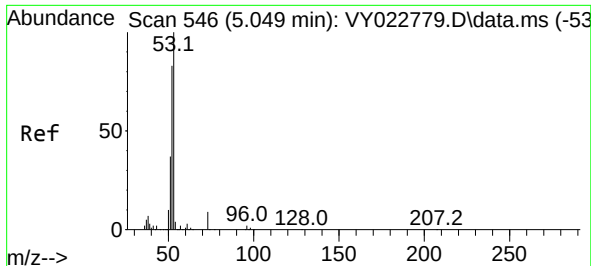
Tgt Ion: 56 Resp: 131156
Ion Ratio Lower Upper
56 100
55 69.0 57.0 85.6



#14
Allyl chloride
Concen: 59.140 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 41 Resp: 415192
Ion Ratio Lower Upper
41 100
39 78.6 69.1 103.7
76 39.4 33.5 50.3

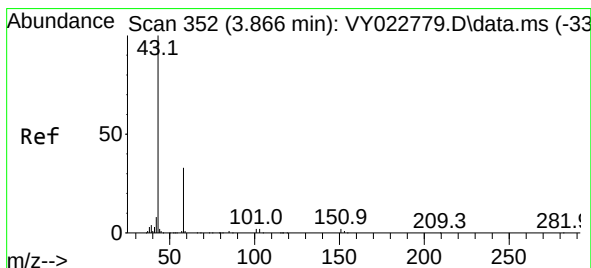
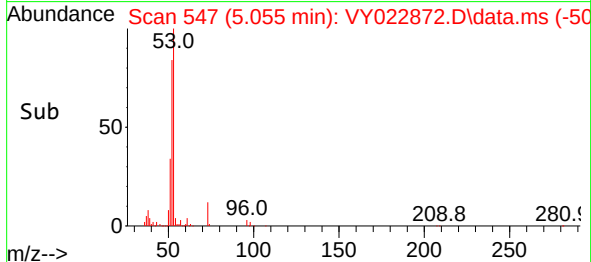
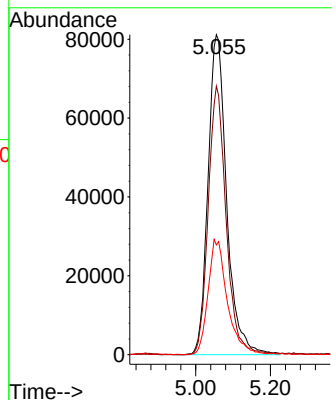
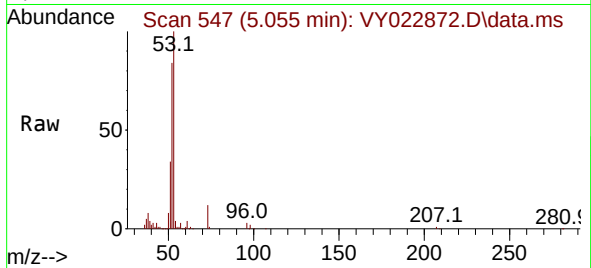




#15
Acrylonitrile
Concen: 267.677 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

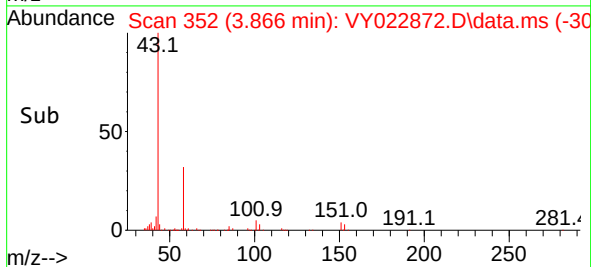
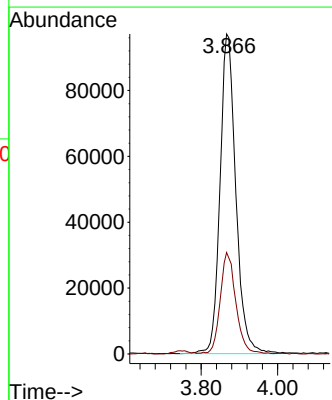
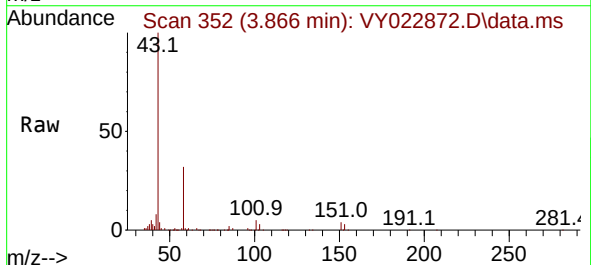
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

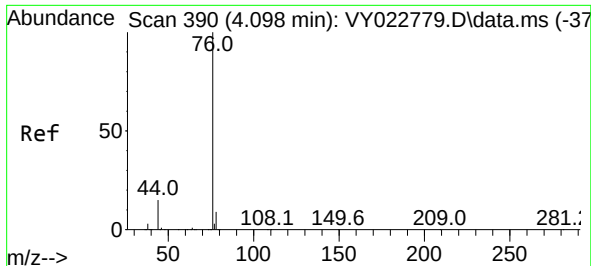
Tgt Ion: 53 Resp: 280964
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 37.4 30.1 45.1



#16
Acetone
Concen: 292.967 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 43 Resp: 278686
Ion Ratio Lower Upper
43 100
58 31.5 24.0 36.0

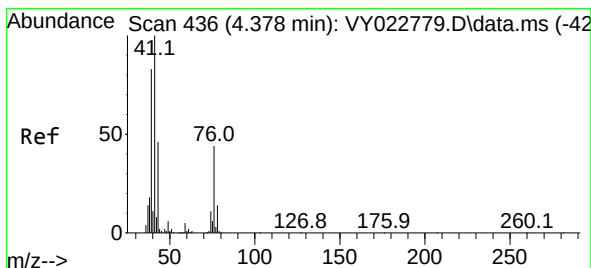
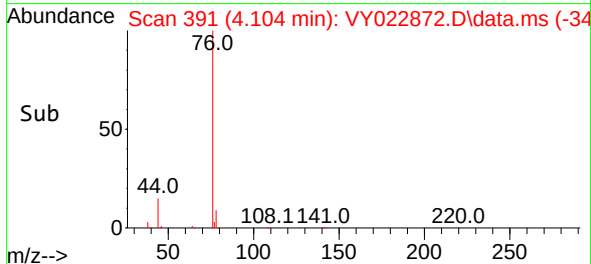
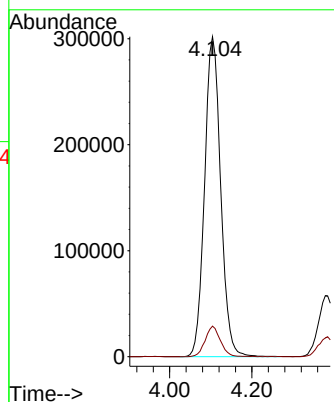
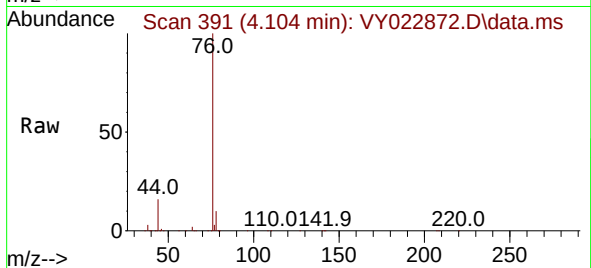




#17
Carbon Disulfide
Concen: 55.650 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

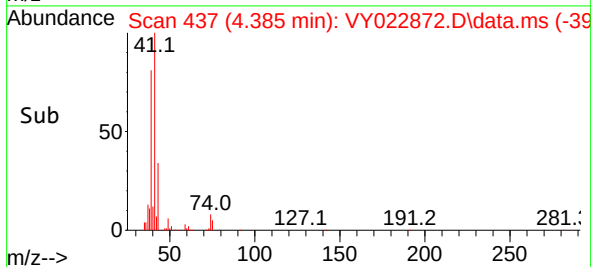
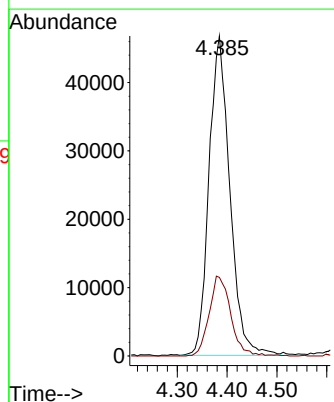
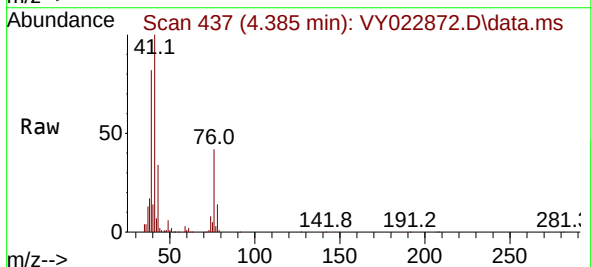
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

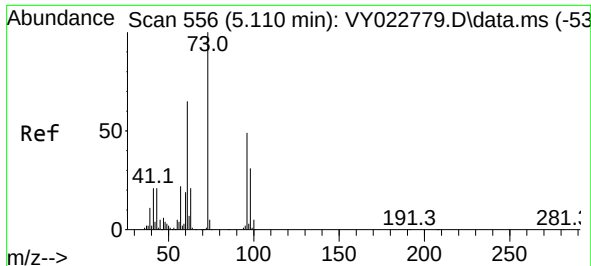
Tgt Ion: 76 Resp: 820572
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 42.985 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 43 Resp: 135413
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 54.224 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

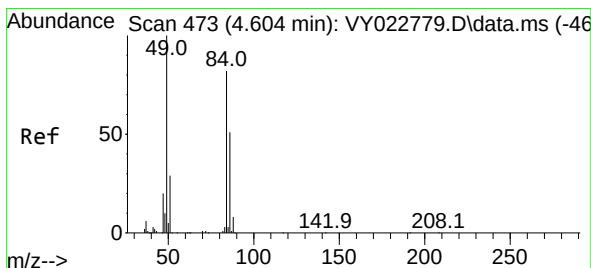
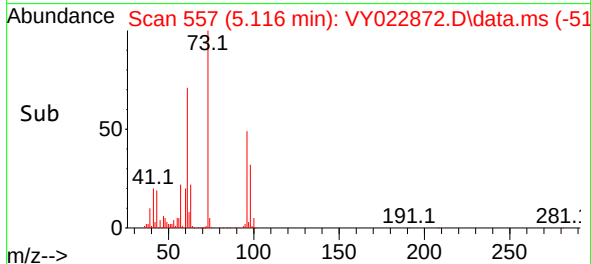
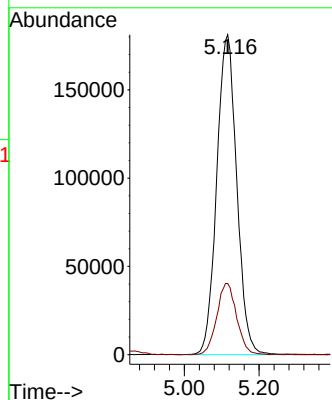
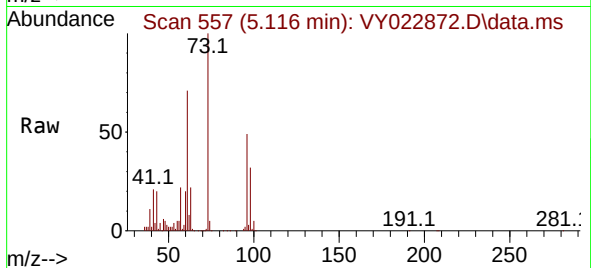
VSTDCCC050

Tgt Ion: 73 Resp: 673902

Ion Ratio Lower Upper

73 100

57 22.2 17.4 26.0



#20

Methylene Chloride

Concen: 54.407 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Tgt Ion: 84 Resp: 326844

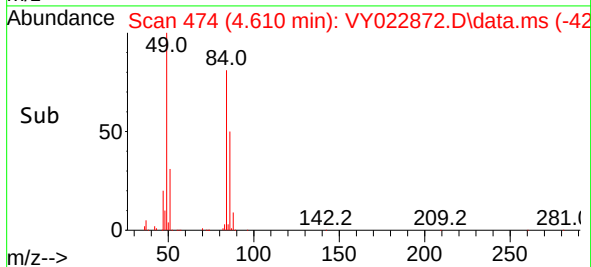
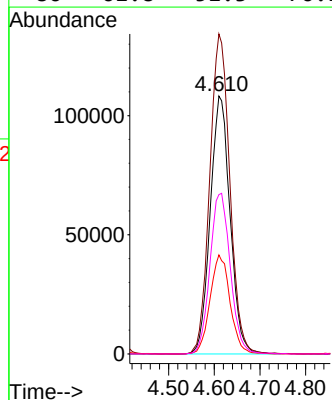
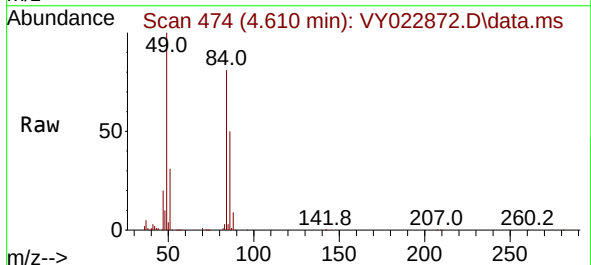
Ion Ratio Lower Upper

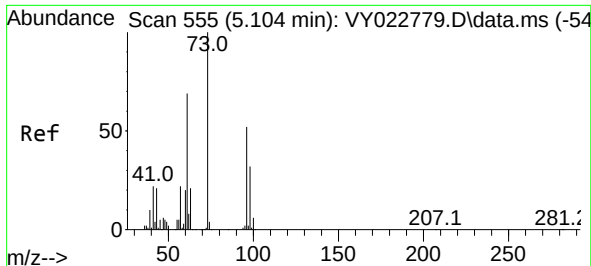
84 100

49 124.1 101.9 152.9

51 38.4 29.8 44.8

86 61.8 51.3 76.9

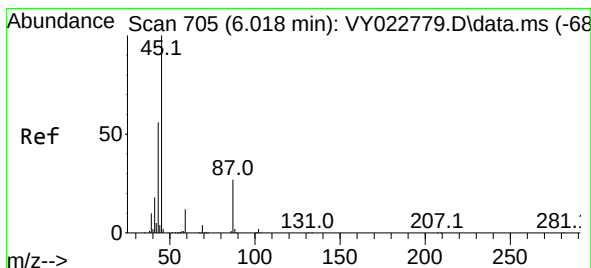
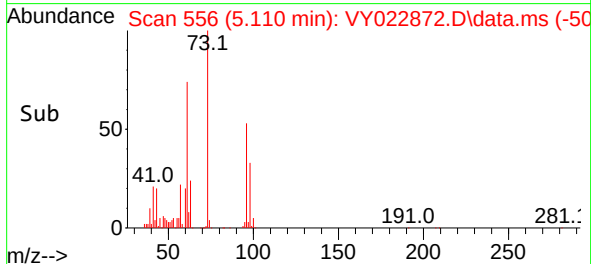
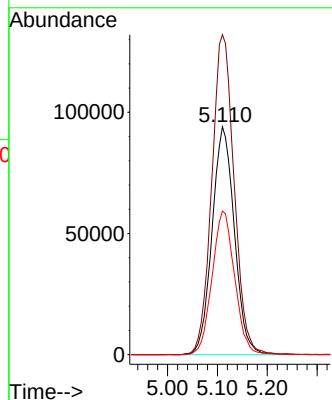
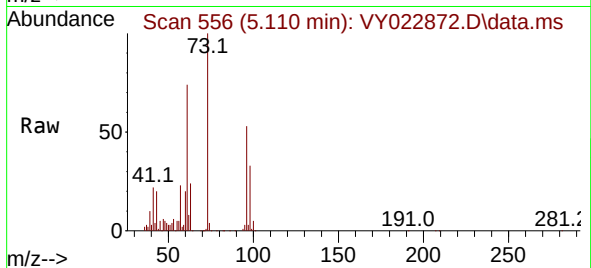




#21
trans-1,2-Dichloroethene
Concen: 55.994 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

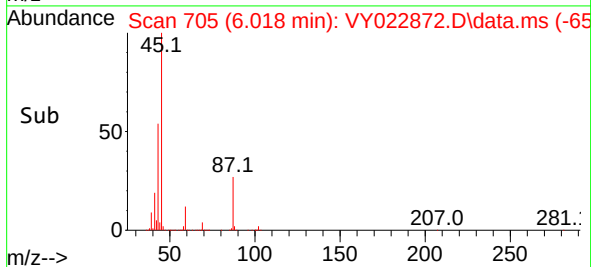
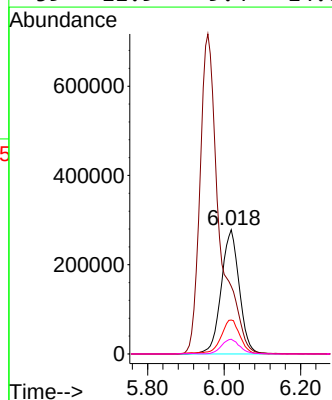
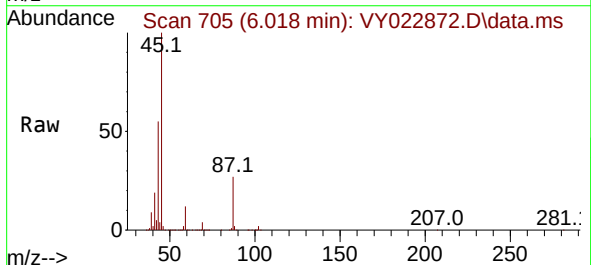
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

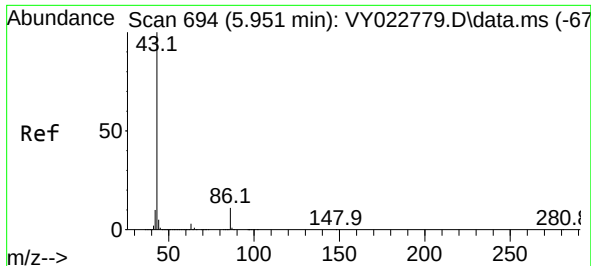
Tgt Ion: 96 Resp: 292093
Ion Ratio Lower Upper
96 100
61 140.4 112.6 169.0
98 63.0 50.6 75.8



#22
Diisopropyl ether
Concen: 58.707 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 45 Resp: 915302
Ion Ratio Lower Upper
45 100
43 54.4 48.3 72.5
87 27.2 23.0 34.6
59 11.9 9.4 14.0

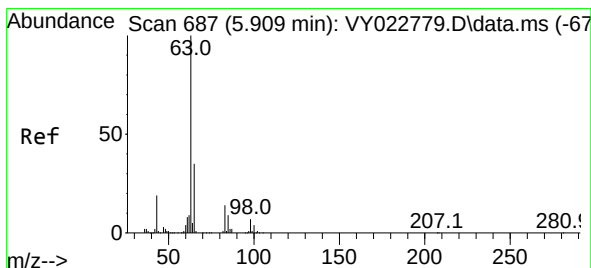
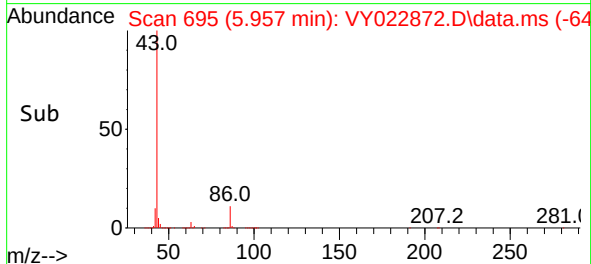
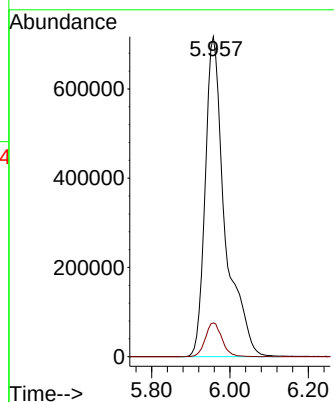
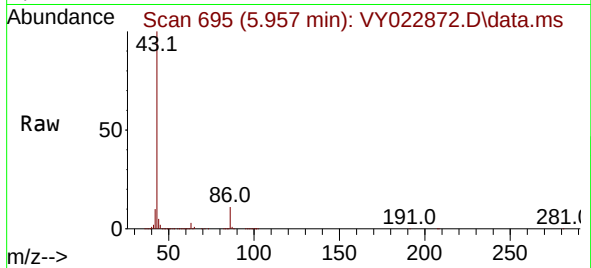




#23
 Vinyl Acetate
 Concen: 291.827 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

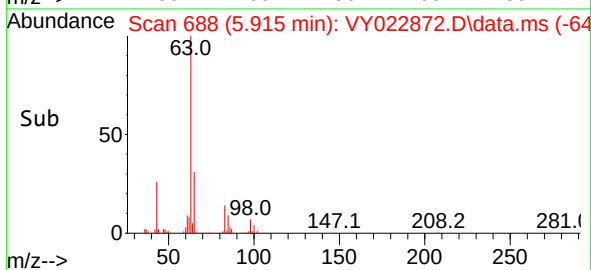
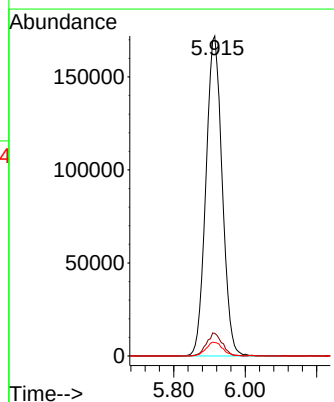
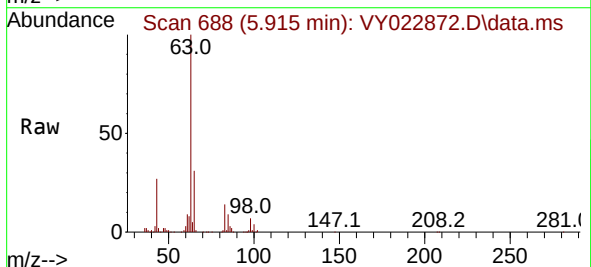
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

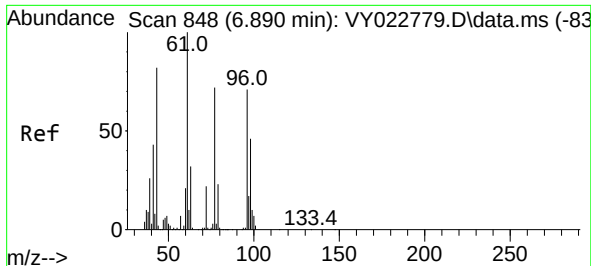
Tgt Ion: 43 Resp: 2512854
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 57.610 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

Tgt Ion: 63 Resp: 542541
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.2 2.1 6.3

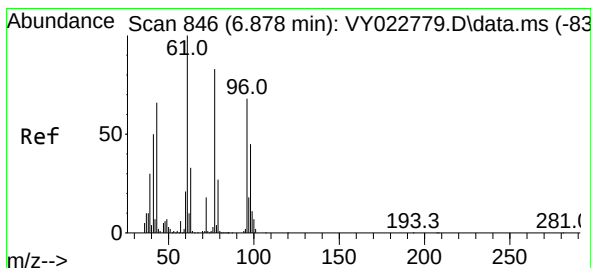
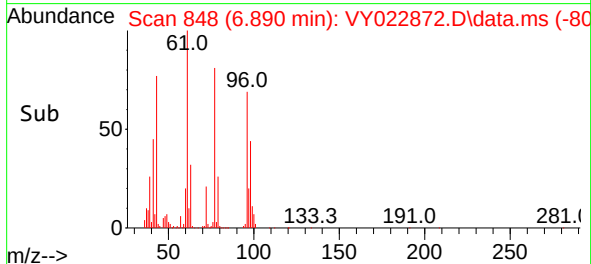
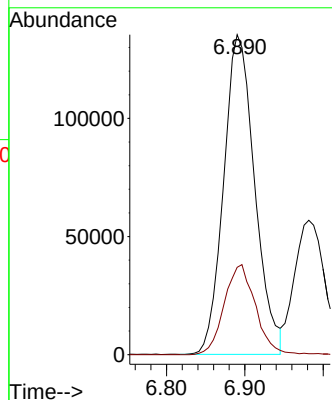
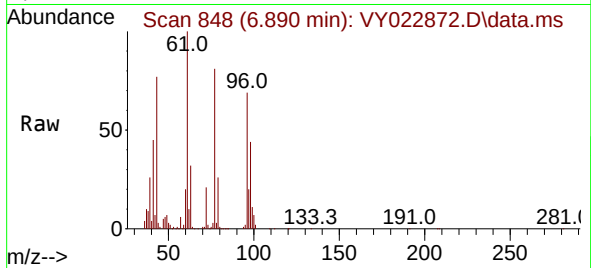




#25
2-Butanone
Concen: 269.794 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

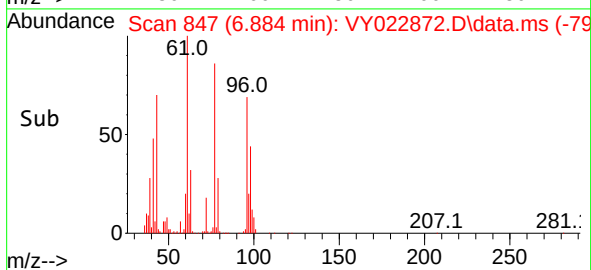
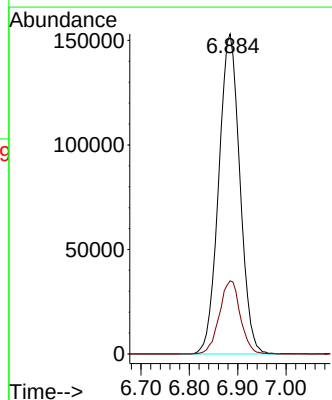
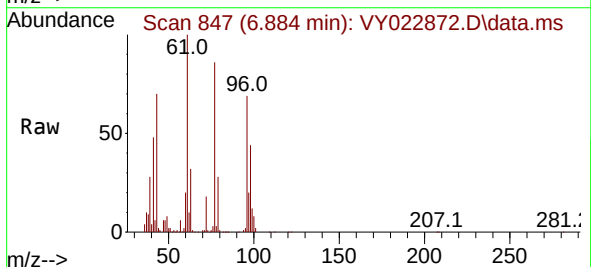
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

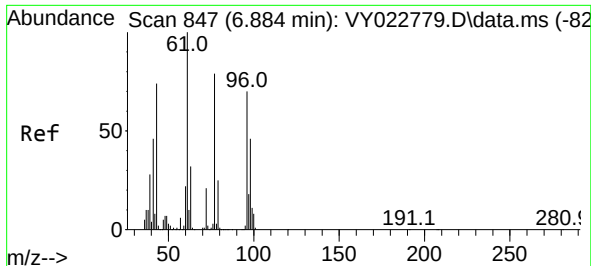
Tgt Ion: 43 Resp: 373524
Ion Ratio Lower Upper
43 100
72 27.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 58.901 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 77 Resp: 464978
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2

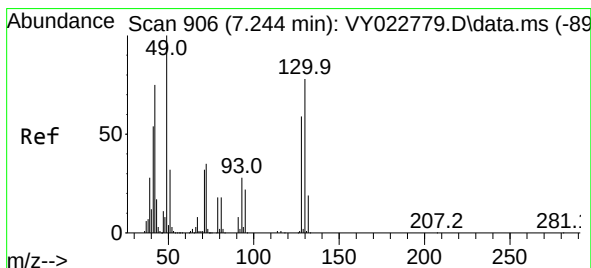
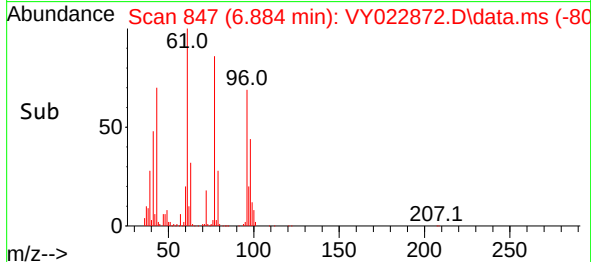
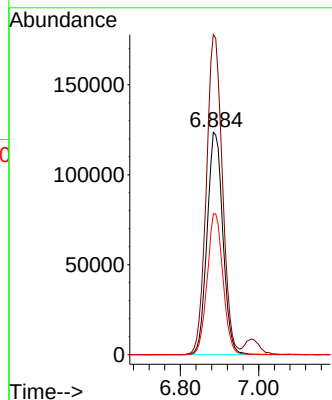
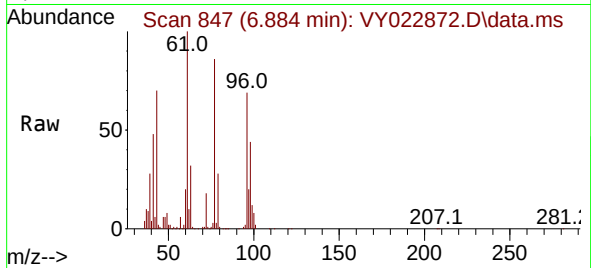




#27
 cis-1,2-Dichloroethene
 Concen: 56.908 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

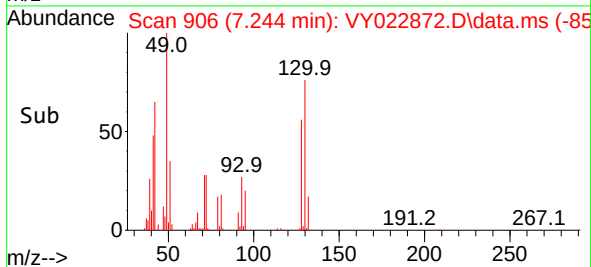
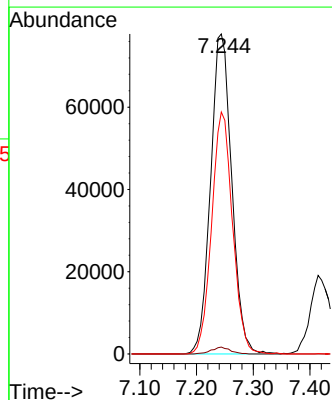
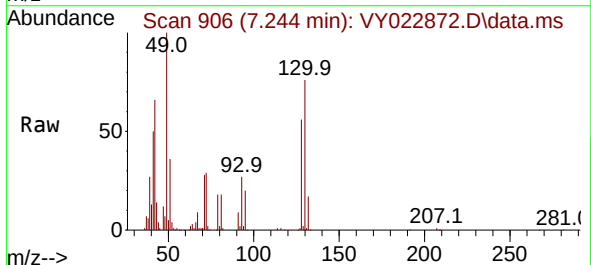
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

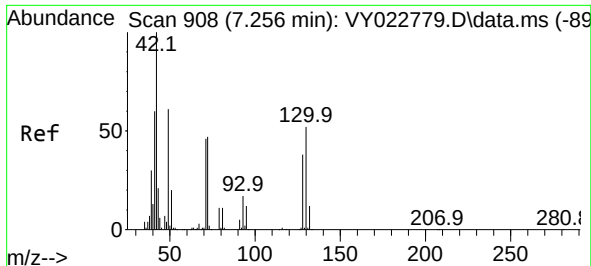
Tgt Ion: 96 Resp: 344955
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 290.0
 98 63.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 50.982 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

Tgt Ion: 49 Resp: 201848
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 74.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 255.736 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

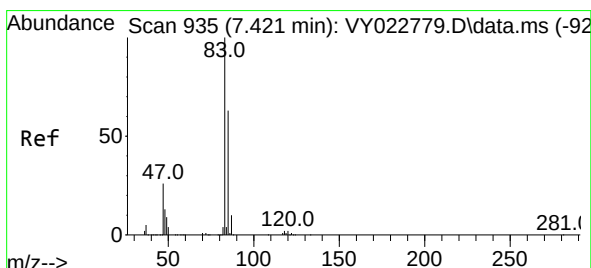
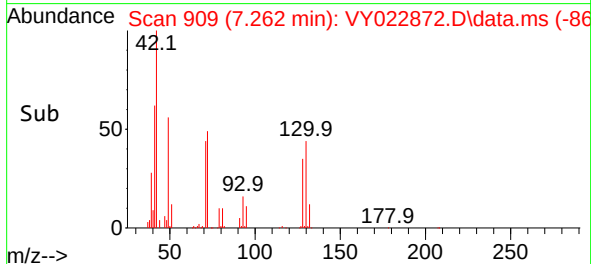
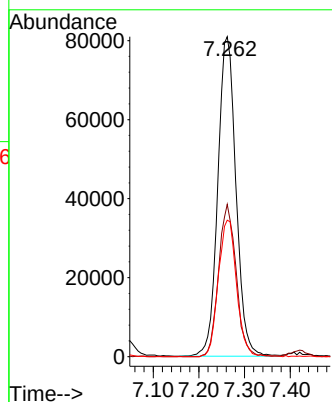
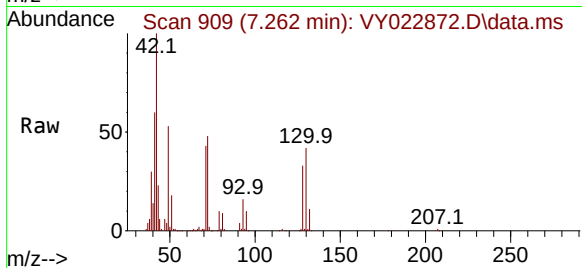
Tgt Ion: 42 Resp: 223570

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.2

71 42.9 34.2 51.2



#30

Chloroform

Concen: 55.679 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022872.D

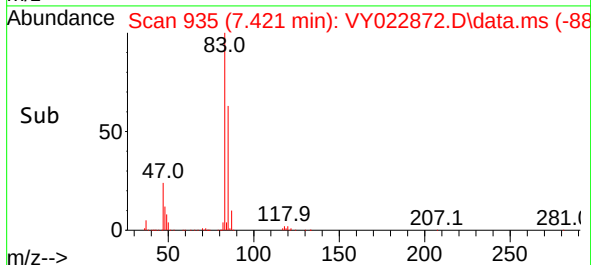
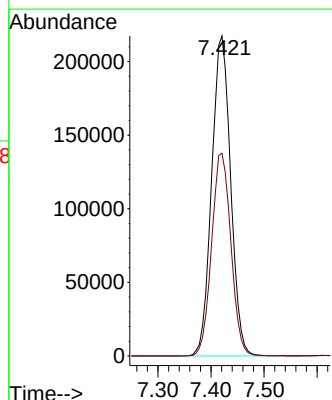
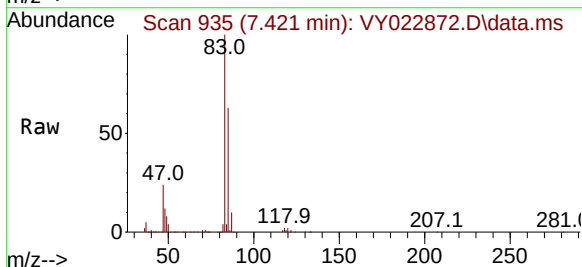
Acq: 30 Jun 2025 11:03

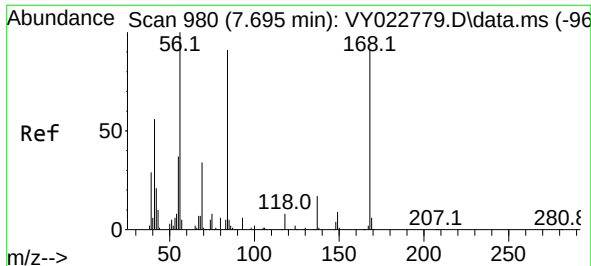
Tgt Ion: 83 Resp: 540067

Ion Ratio Lower Upper

83 100

85 63.3 54.2 81.4

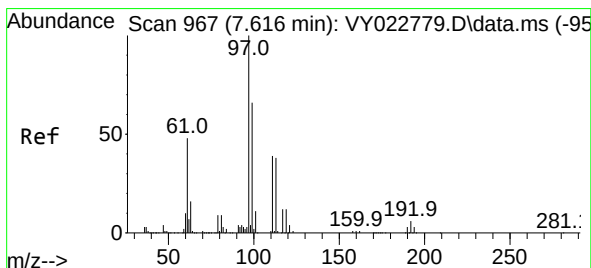
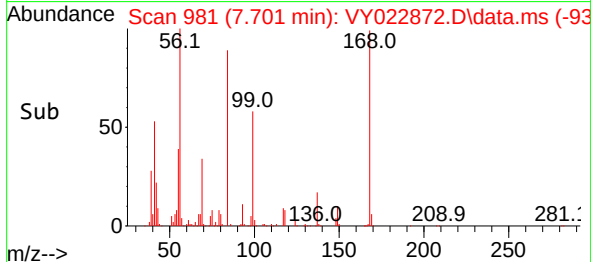
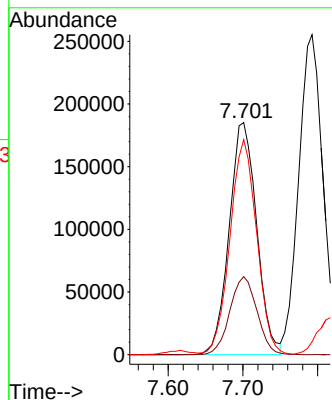
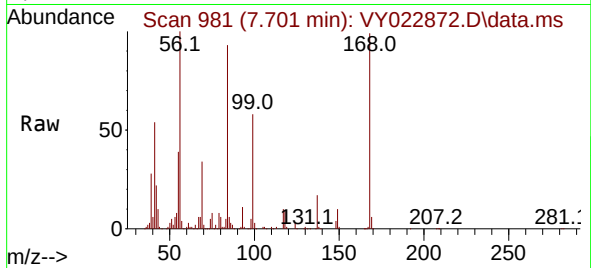




#31
Cyclohexane
Concen: 54.714 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

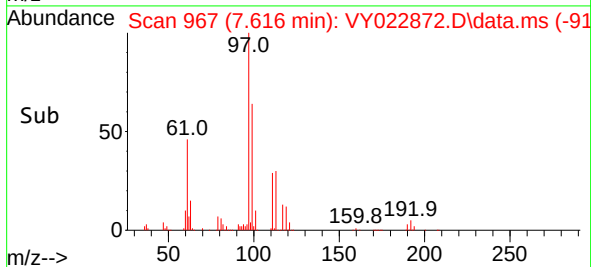
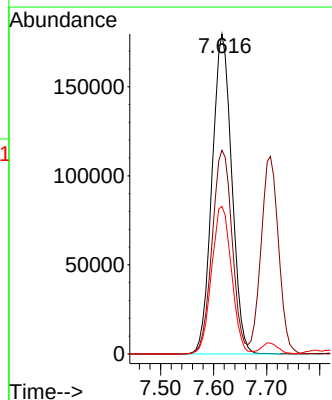
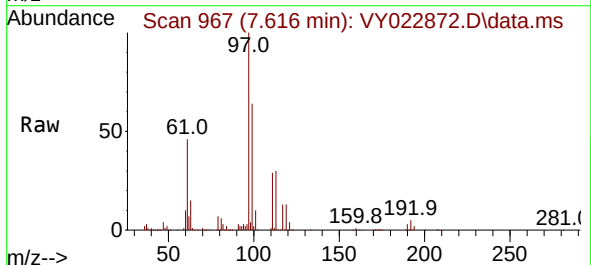
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

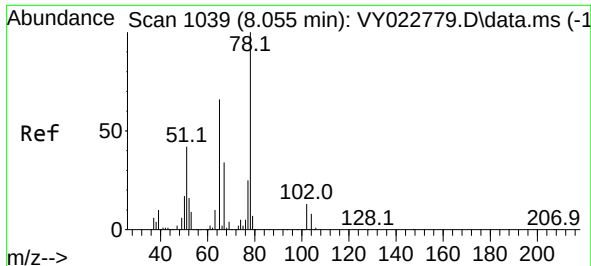
Tgt Ion: 56 Resp: 472984
Ion Ratio Lower Upper
56 100
69 33.6 27.0 40.6
84 90.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 55.286 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 97 Resp: 463413
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 46.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.433 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

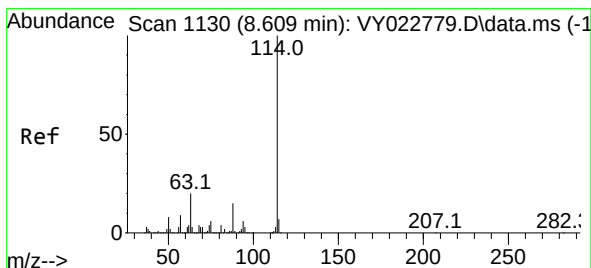
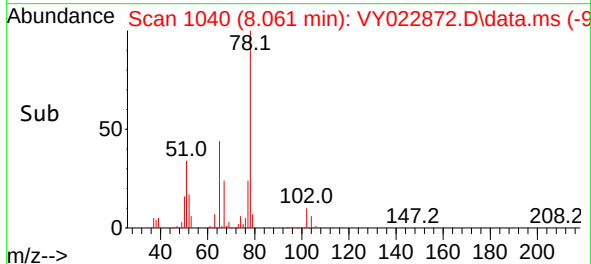
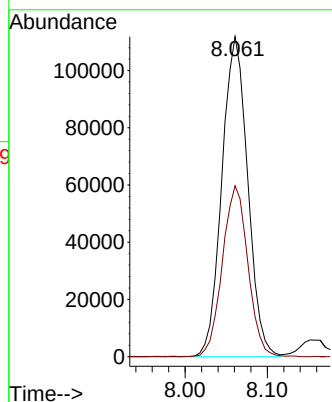
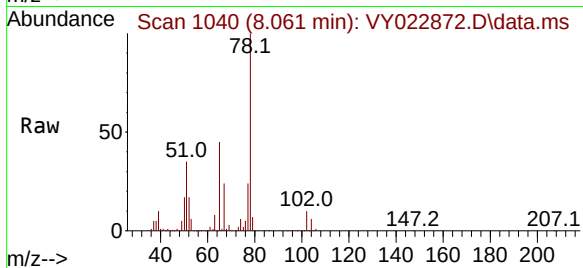
VSTDCCC050

Tgt Ion: 65 Resp: 243756

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

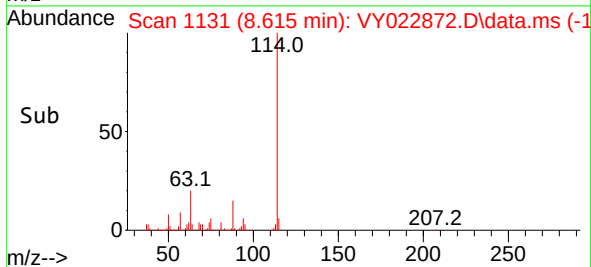
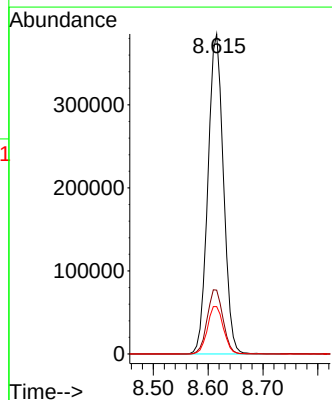
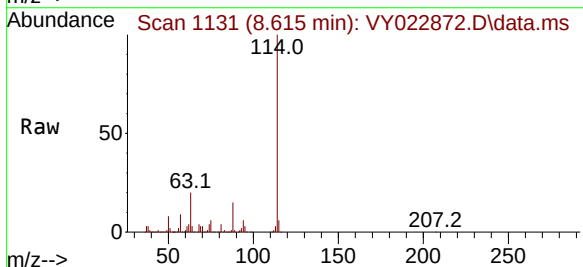
Tgt Ion: 114 Resp: 753538

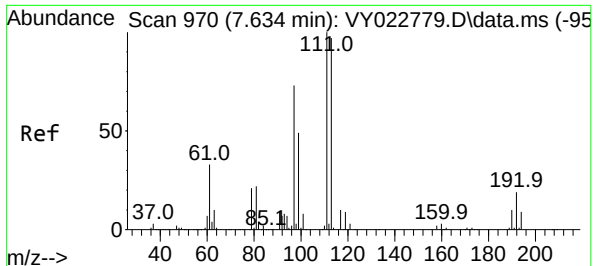
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 14.8 0.0 27.8

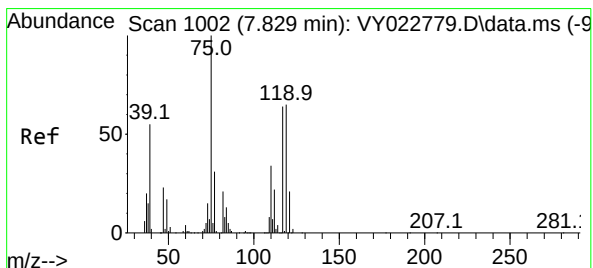
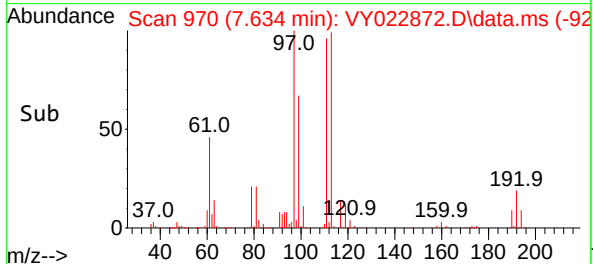
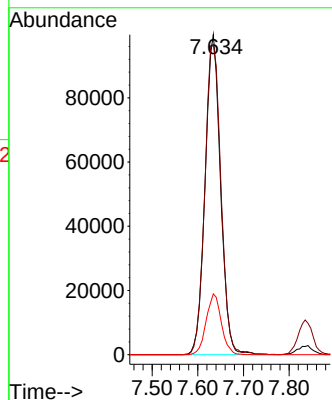
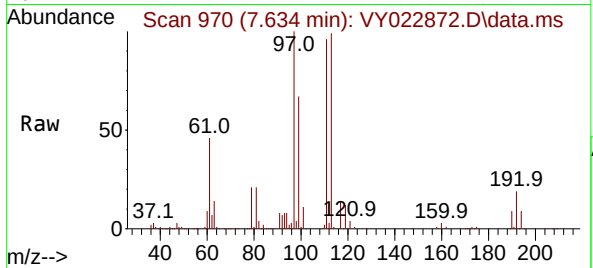




#35
Dibromofluoromethane
Concen: 50.948 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

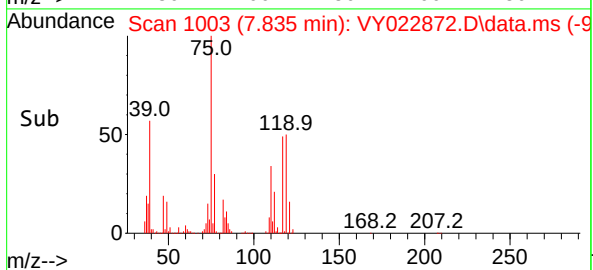
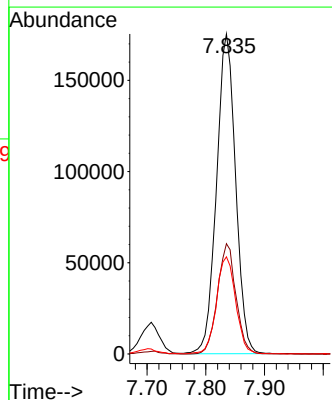
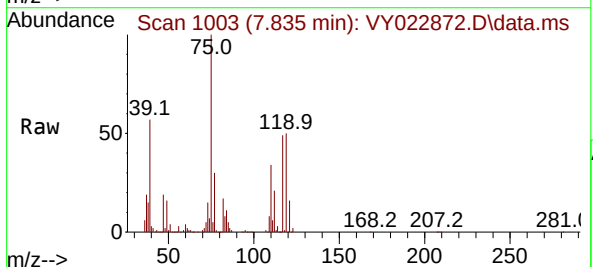
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

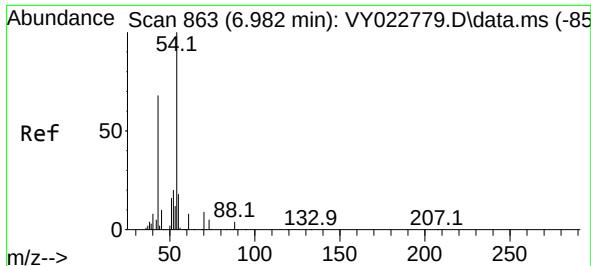
Tgt Ion:113 Resp: 233475
Ion Ratio Lower Upper
113 100
111 101.2 81.1 121.7
192 18.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 56.966 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 75 Resp: 395697
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.7
77 30.6 24.8 37.2

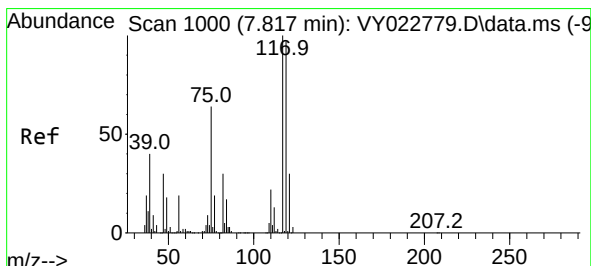
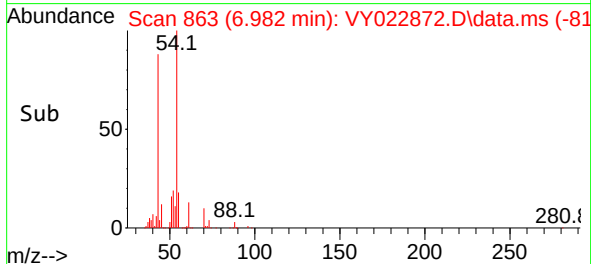
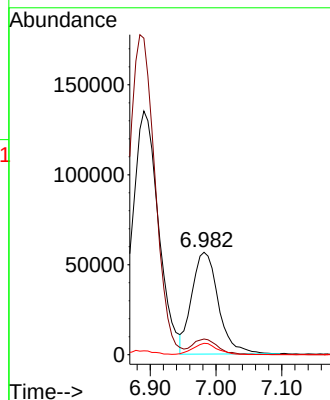
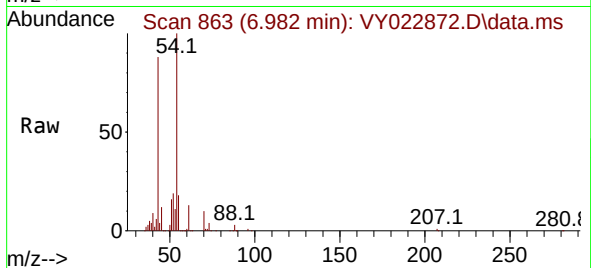




#37
Ethyl Acetate
Concen: 52.716 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

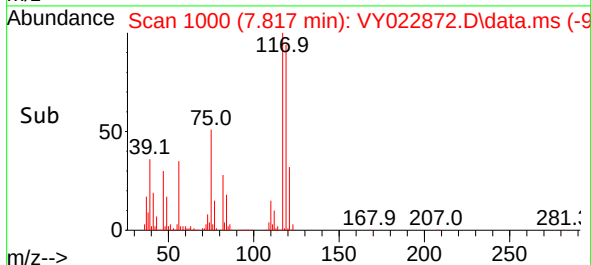
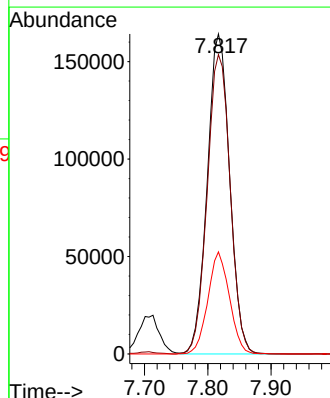
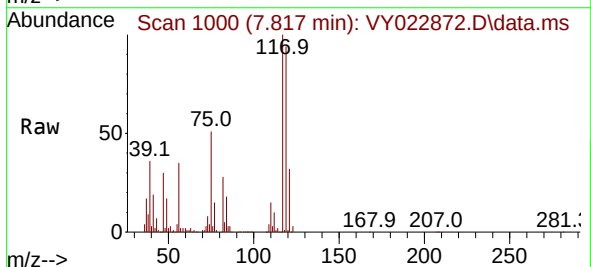
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

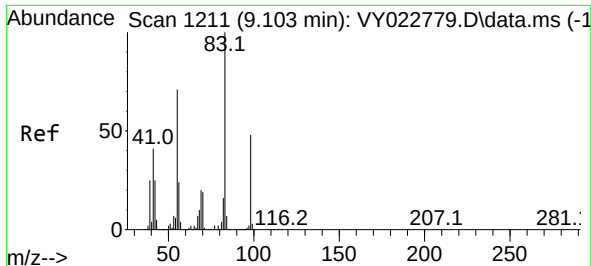
Tgt Ion: 43 Resp: 158012
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 10.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 55.156 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 117 Resp: 404250
Ion Ratio Lower Upper
117 100
119 93.5 75.0 112.6
121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 56.934 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

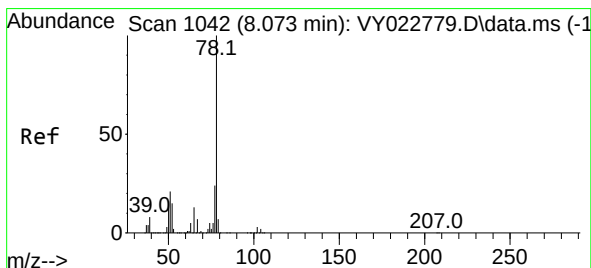
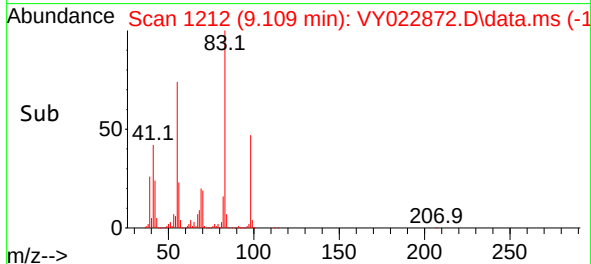
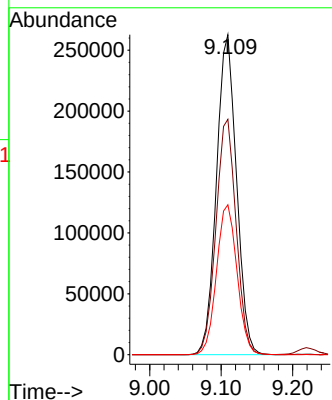
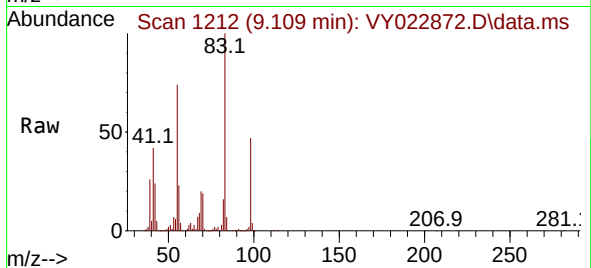
Tgt Ion: 83 Resp: 511782

Ion Ratio Lower Upper

83 100

55 73.6 58.1 87.1

98 46.9 39.0 58.6



#40

Benzene

Concen: 57.070 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022872.D

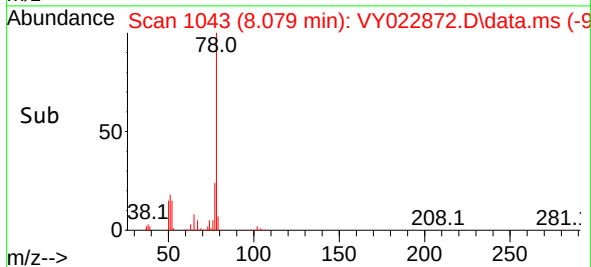
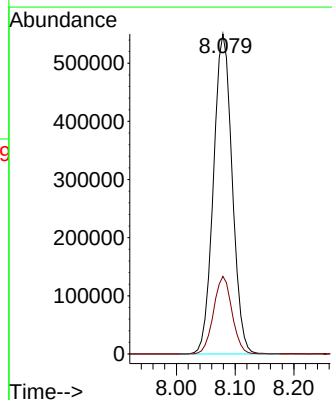
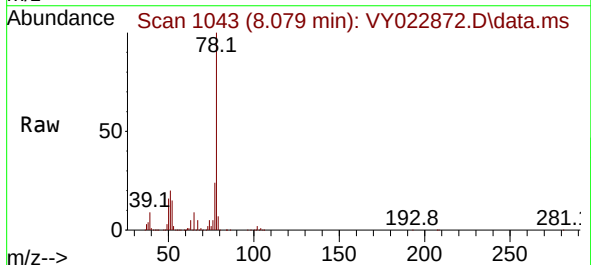
Acq: 30 Jun 2025 11:03

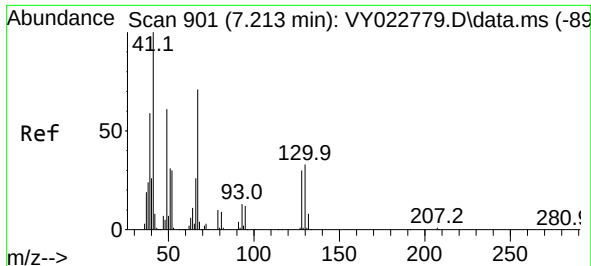
Tgt Ion: 78 Resp: 1218805

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



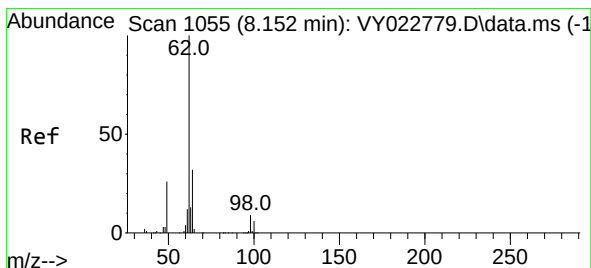
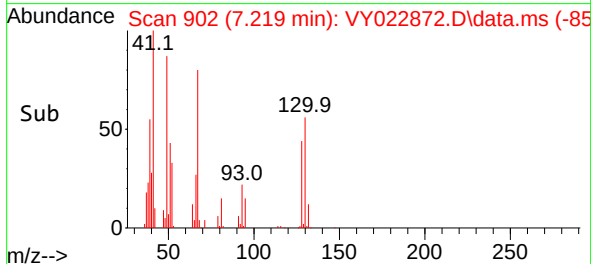
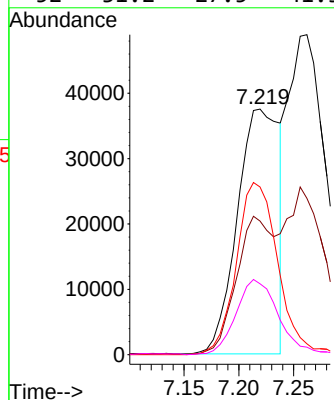
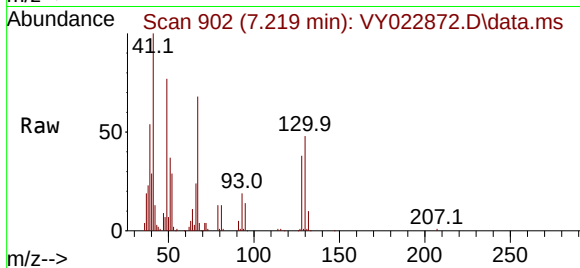


#41
Methacrylonitrile
Concen: 54.225 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 100059

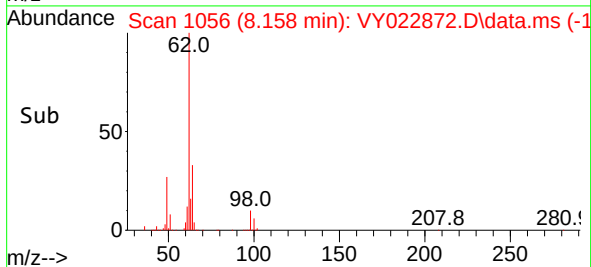
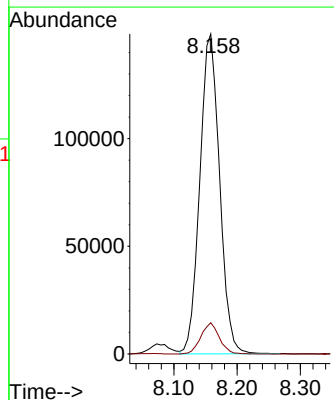
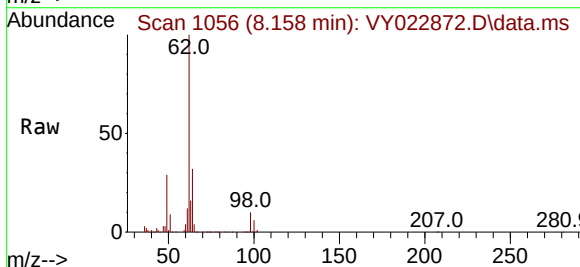
Ion	Ratio	Lower	Upper
41	100		
39	47.9	46.6	69.8
67	69.6	63.3	94.9
52	31.2	27.5	41.3

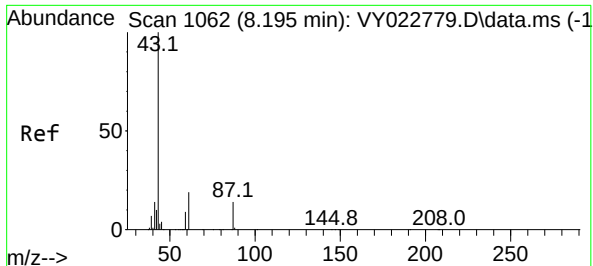


#42
1,2-Dichloroethane
Concen: 55.195 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 62 Resp: 323015

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

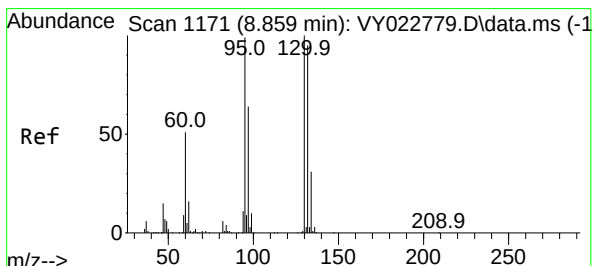
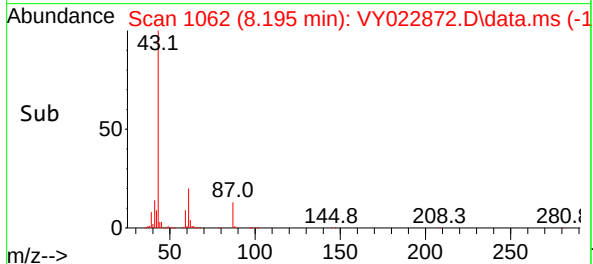
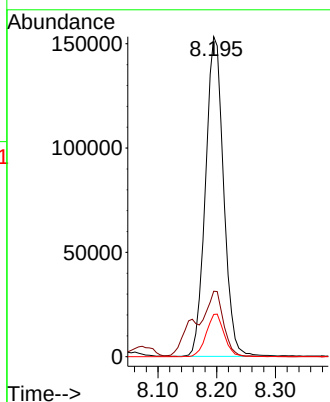
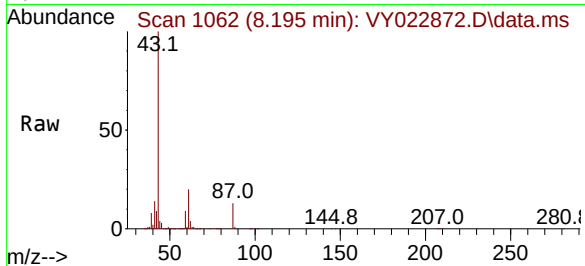




#43
Isopropyl Acetate
Concen: 52.608 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

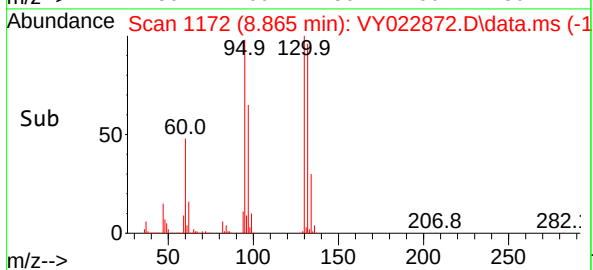
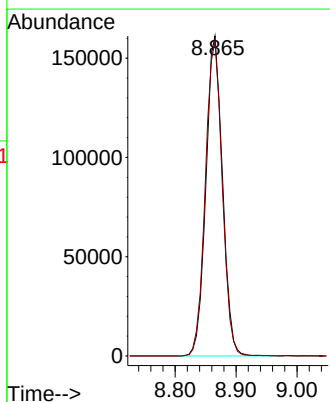
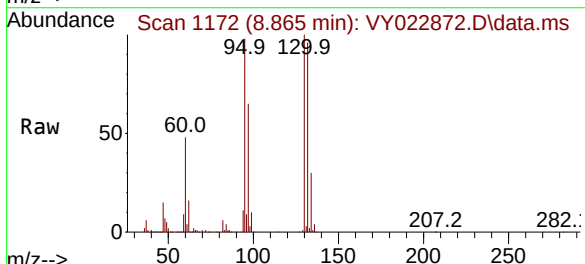
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

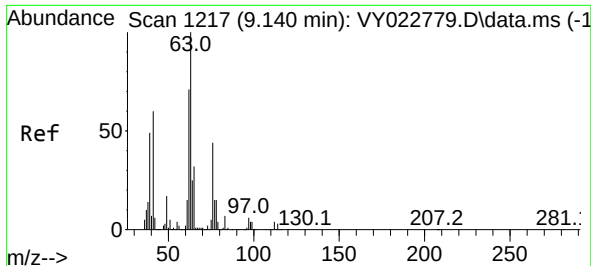
Tgt Ion: 43 Resp: 327734
Ion Ratio Lower Upper
43 100
61 20.1 15.6 23.4
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 56.810 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion:130 Resp: 304616
Ion Ratio Lower Upper
130 100
95 98.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 57.342 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

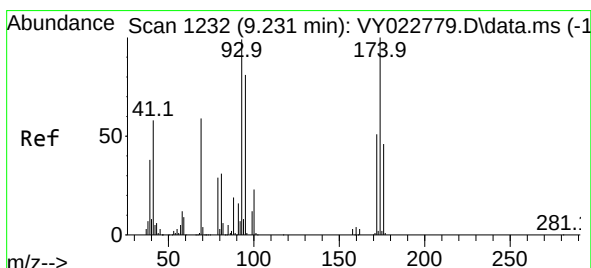
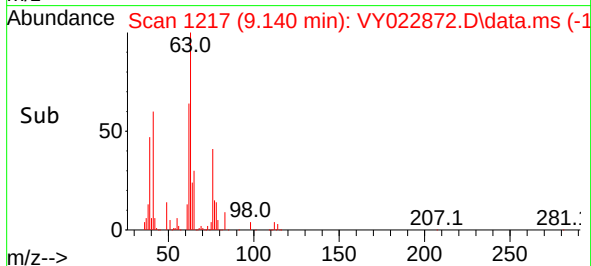
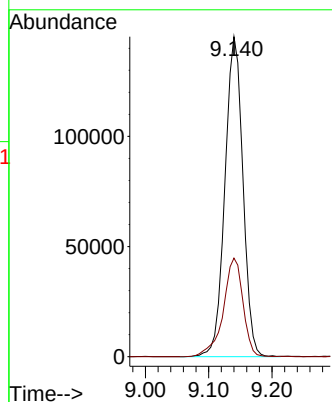
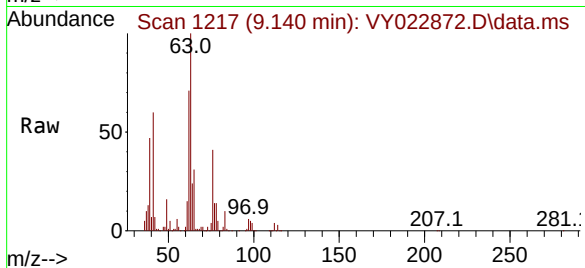
VSTDCCC050

Tgt Ion: 63 Resp: 286614

Ion Ratio Lower Upper

63 100

65 30.8 24.0 36.0



#46

Dibromomethane

Concen: 53.538 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

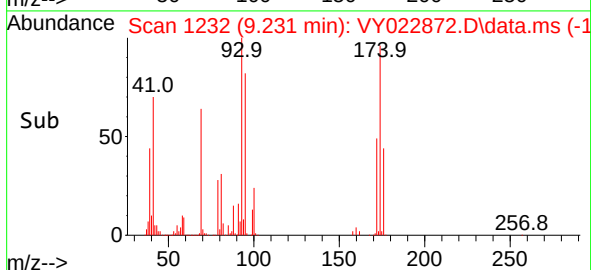
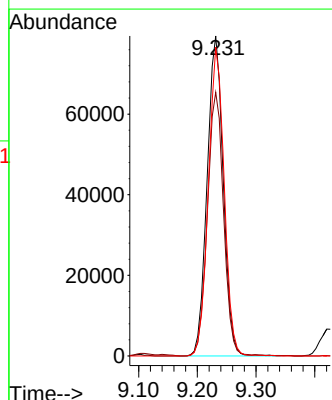
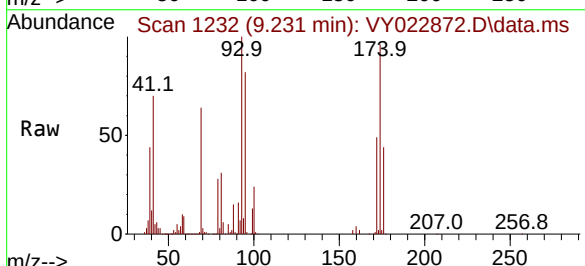
Tgt Ion: 93 Resp: 151910

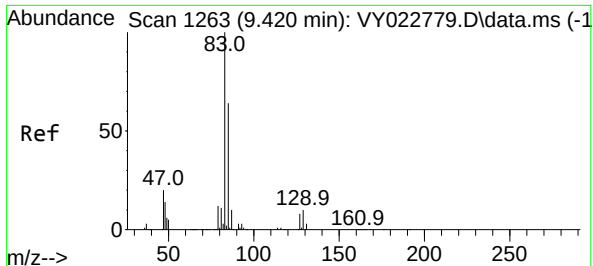
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 94.8 70.4 105.6

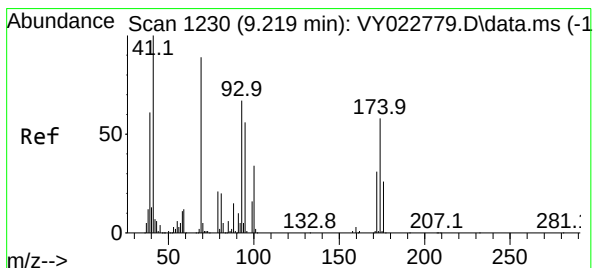
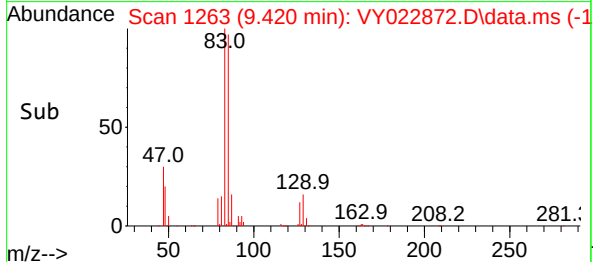
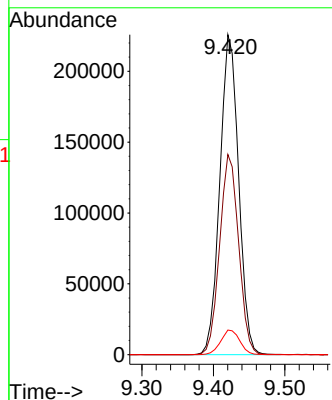
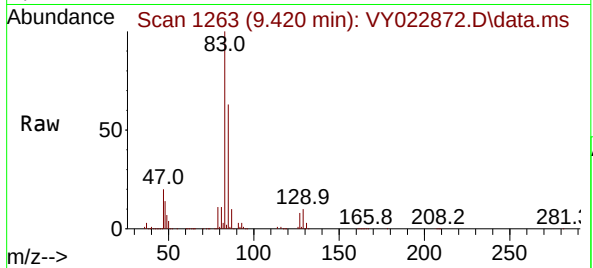




#47
Bromodichloromethane
Concen: 56.203 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

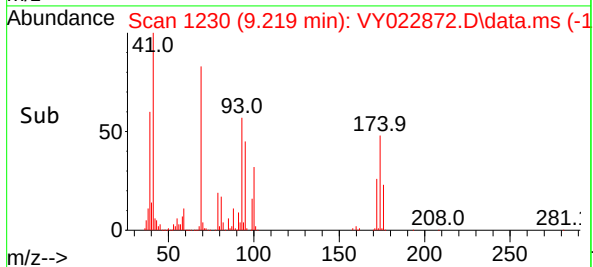
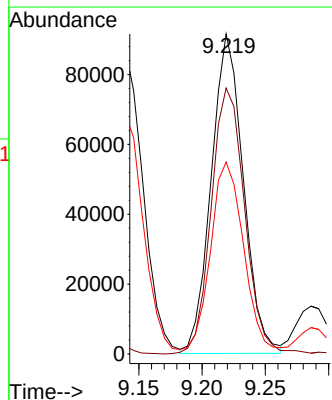
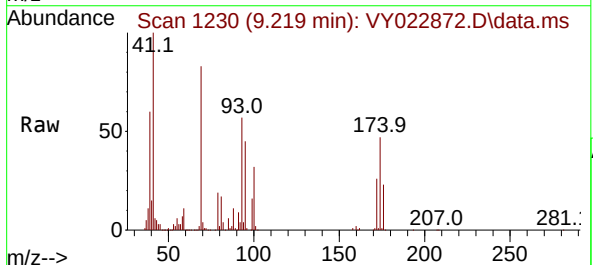
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

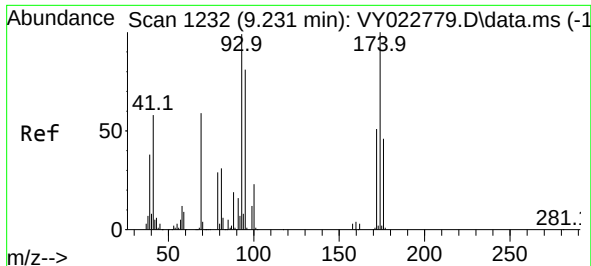
Tgt Ion: 83 Resp: 411221
Ion Ratio Lower Upper
83 100
85 62.5 49.1 73.7
127 7.7 6.2 9.4



#48
Methyl methacrylate
Concen: 53.874 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 41 Resp: 161343
Ion Ratio Lower Upper
41 100
69 86.8 67.8 101.8
39 59.5 55.0 82.4





#49

1,4-Dioxane

Concen: 955.617 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

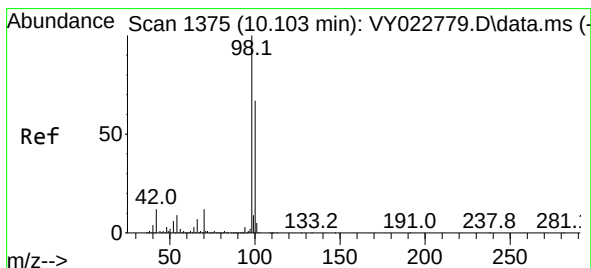
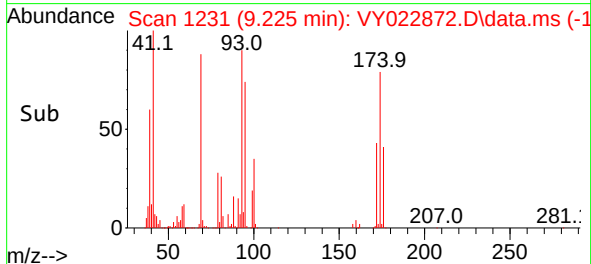
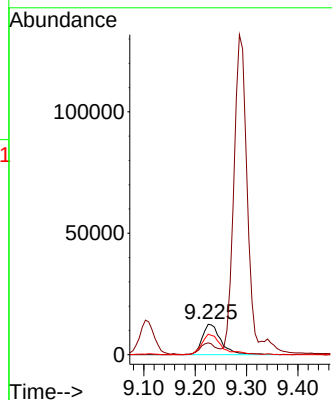
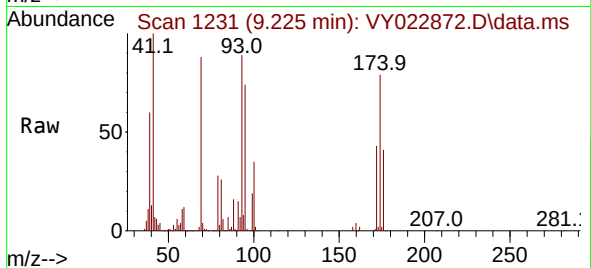
Tgt Ion: 88 Resp: 32035

Ion Ratio Lower Upper

88 100

43 32.9 25.4 38.2

58 70.8 54.9 82.3



#50

Toluene-d8

Concen: 51.307 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022872.D

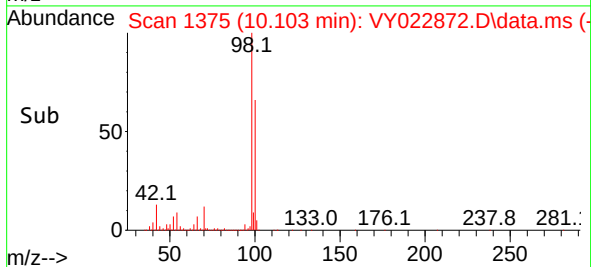
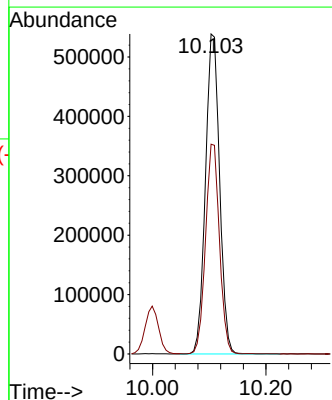
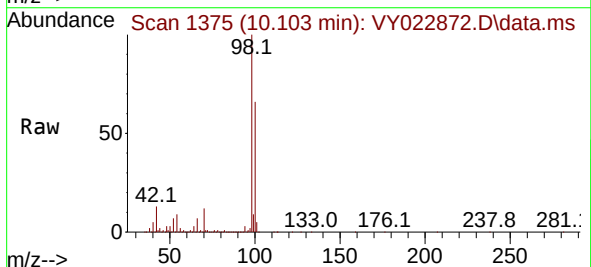
Acq: 30 Jun 2025 11:03

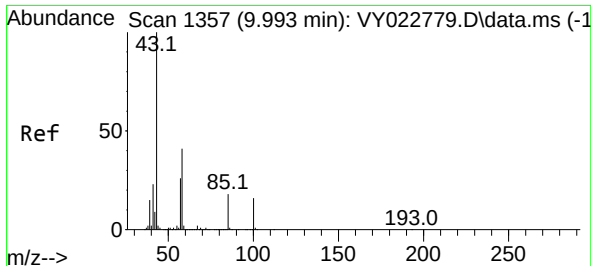
Tgt Ion: 98 Resp: 932998

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 263.135 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

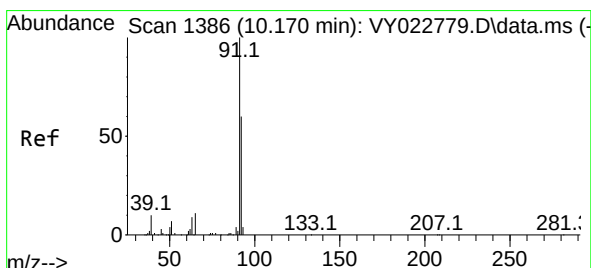
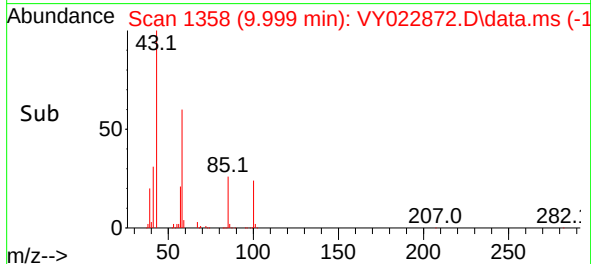
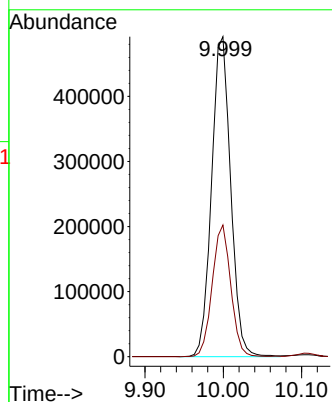
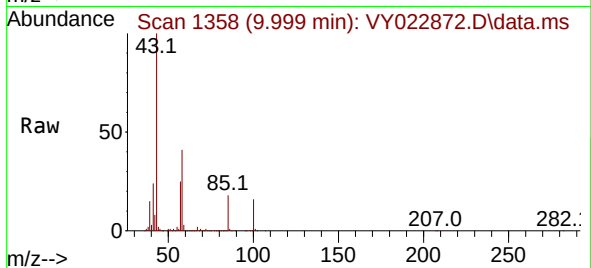
VSTDCCC050

Tgt Ion: 43 Resp: 833028

Ion Ratio Lower Upper

43 100

58 40.0 30.4 45.6



#52

Toluene

Concen: 57.557 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022872.D

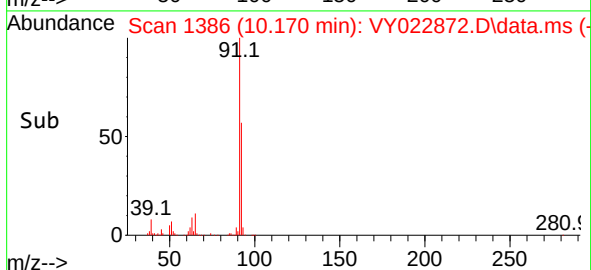
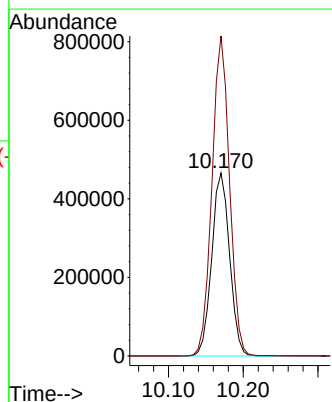
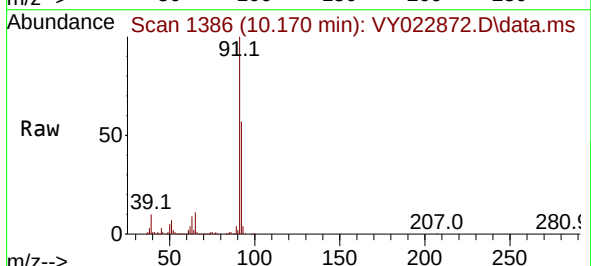
Acq: 30 Jun 2025 11:03

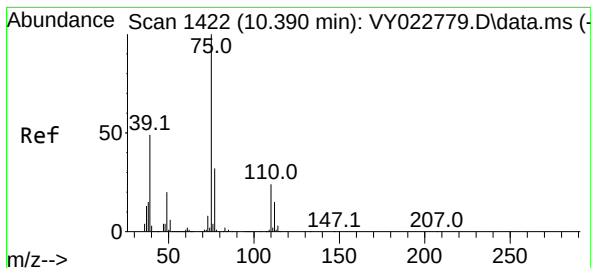
Tgt Ion: 92 Resp: 775479

Ion Ratio Lower Upper

92 100

91 172.0 139.0 208.4

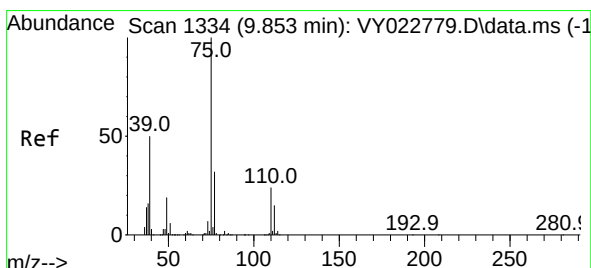
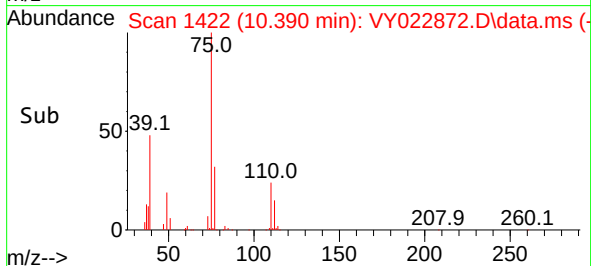
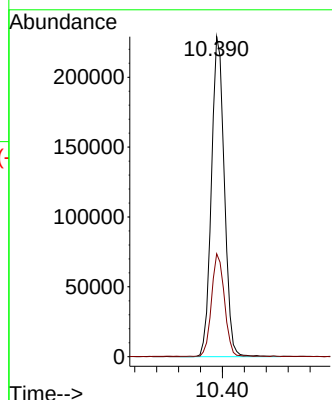
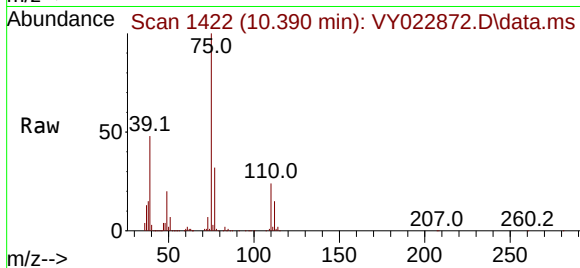




#53
 t-1,3-Dichloropropene
 Concen: 56.737 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

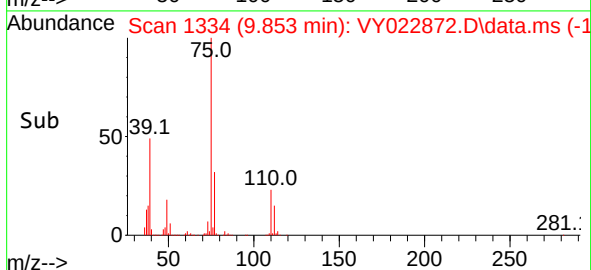
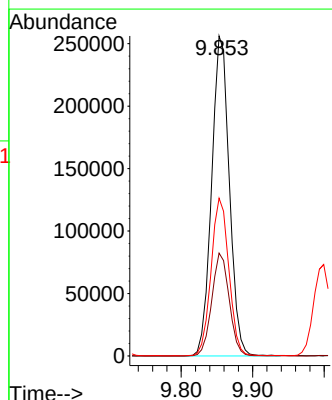
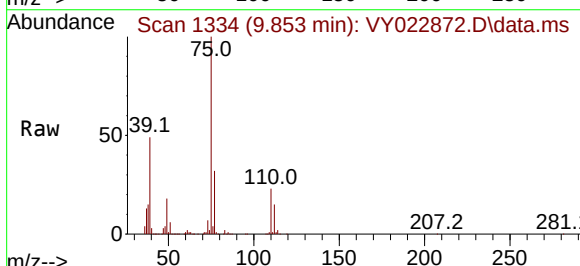
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

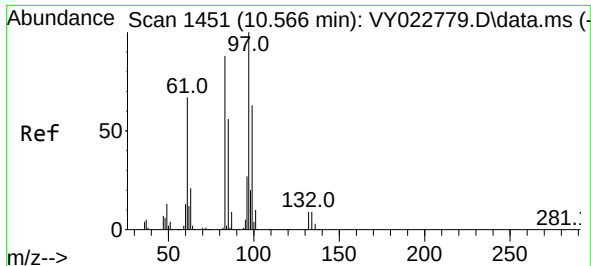
Tgt Ion: 75 Resp: 373508
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 57.736 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

Tgt Ion: 75 Resp: 440703
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 49.2 42.7 64.1



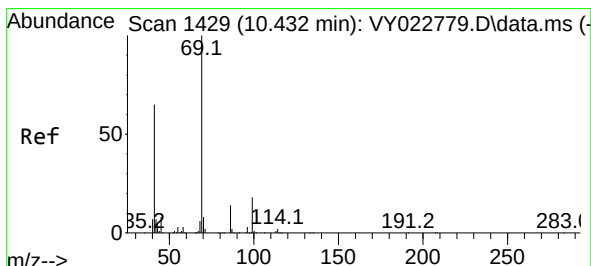
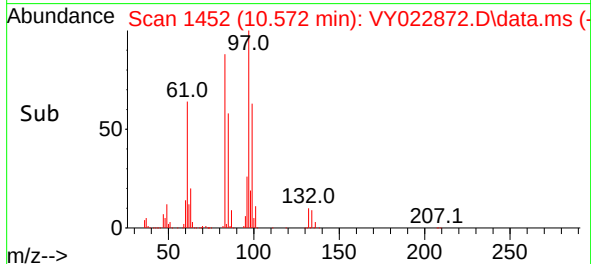
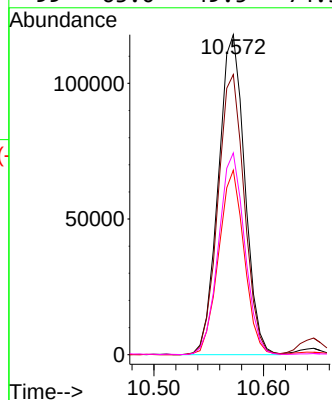
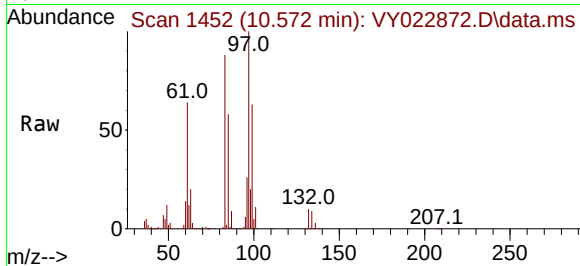


#55
1,1,2-Trichloroethane
Concen: 53.748 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 197476

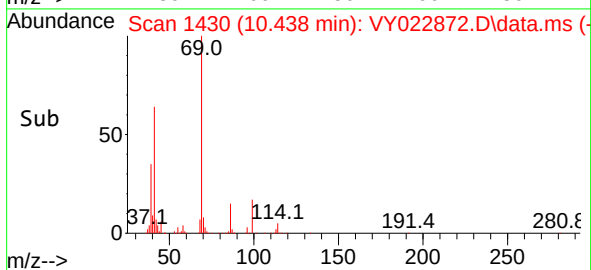
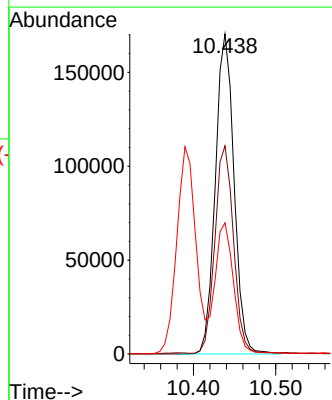
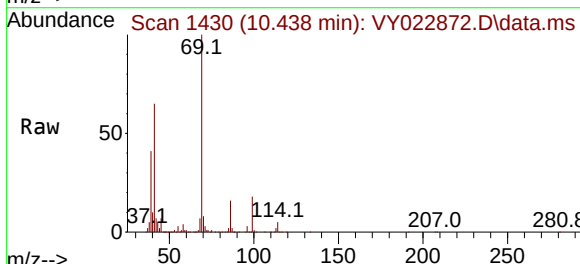
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.1	102.1
85	57.6	48.2	72.2
99	63.0	49.5	74.3

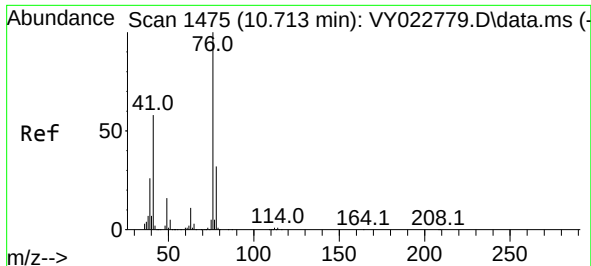


#56
Ethyl methacrylate
Concen: 54.456 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 69 Resp: 269183

Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.2	78.2
39	40.6	36.7	55.1





#57

1,3-Dichloropropane

Concen: 54.834 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

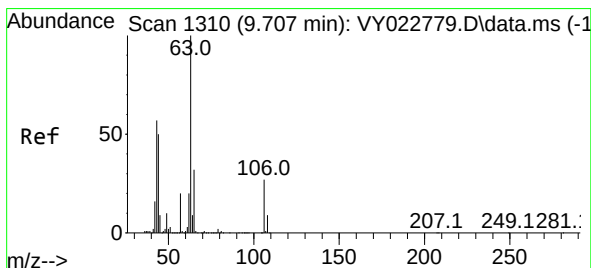
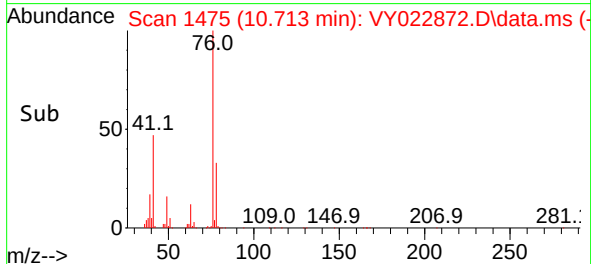
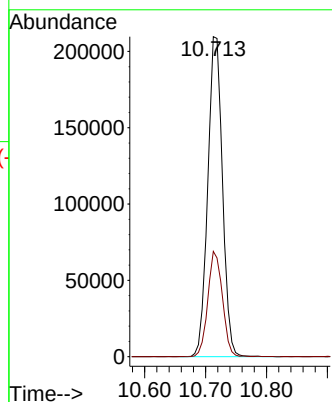
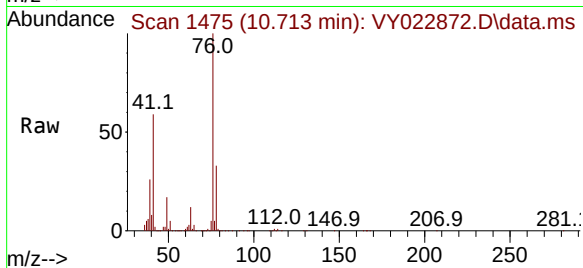
VSTDCCC050

Tgt Ion: 76 Resp: 351498

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 226.425 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022872.D

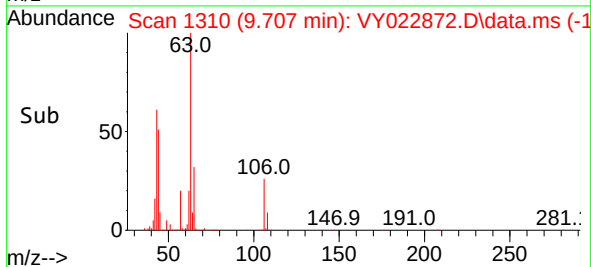
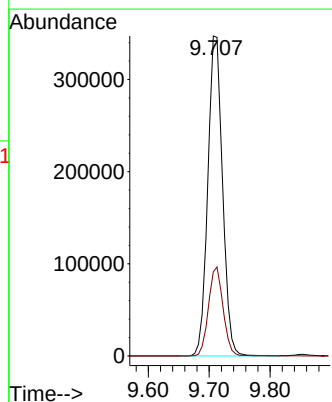
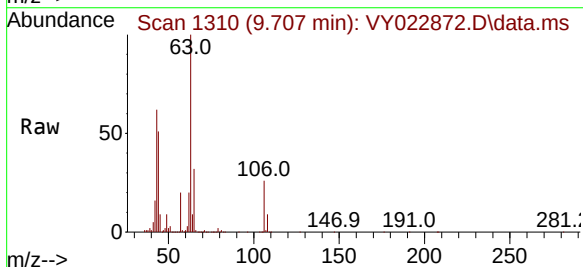
Acq: 30 Jun 2025 11:03

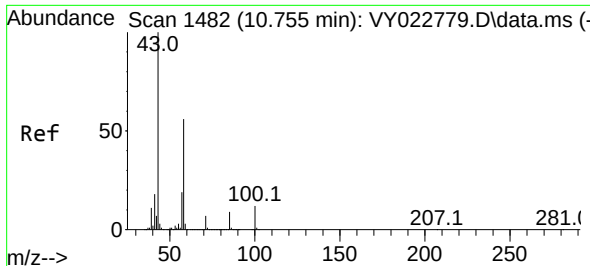
Tgt Ion: 63 Resp: 584171

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

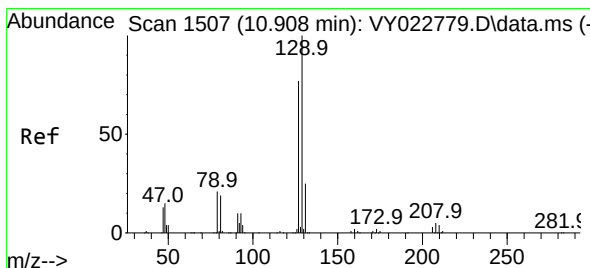
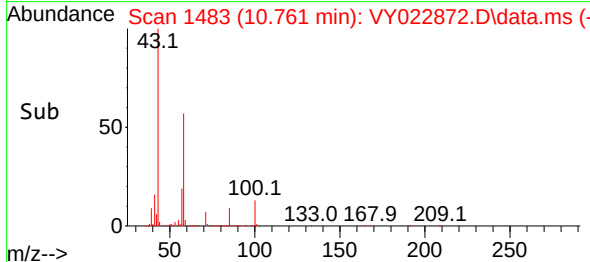
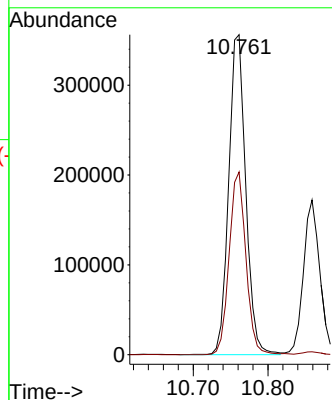
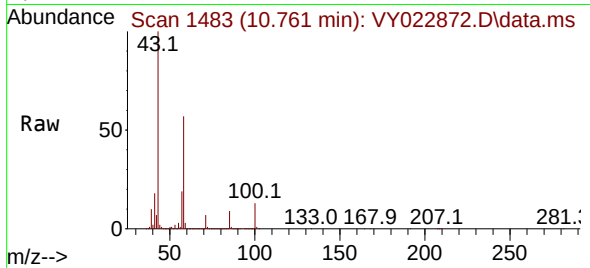




#59
2-Hexanone
Concen: 262.488 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

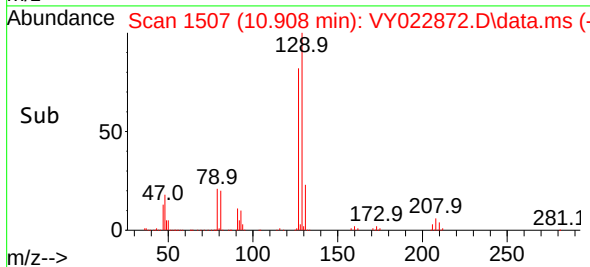
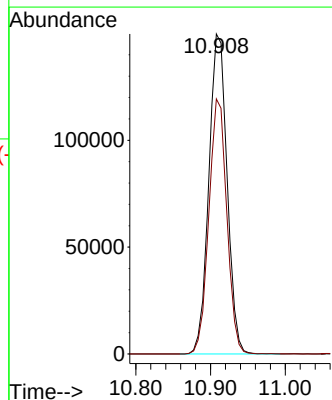
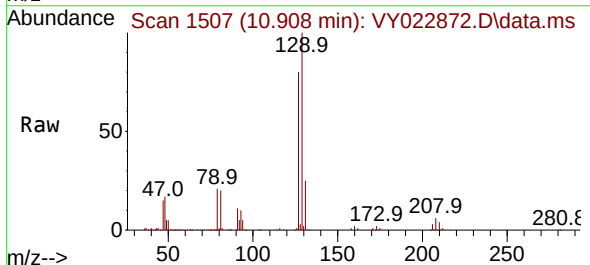
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

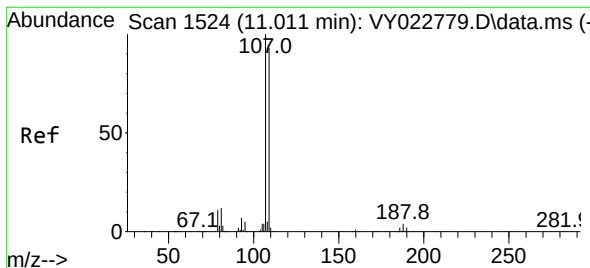
Tgt Ion: 43 Resp: 564964
Ion Ratio Lower Upper
43 100
58 56.5 27.3 81.8



#60
Dibromochloromethane
Concen: 53.598 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 129 Resp: 254363
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

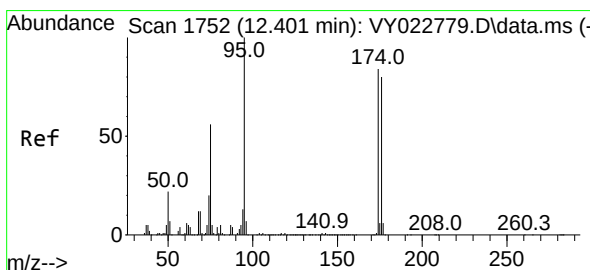
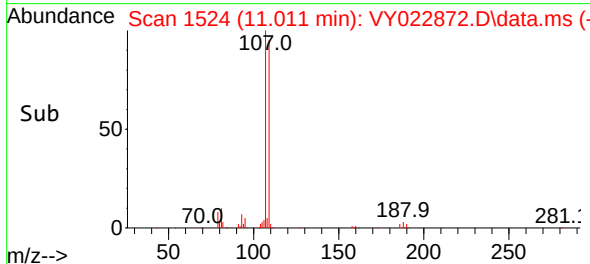
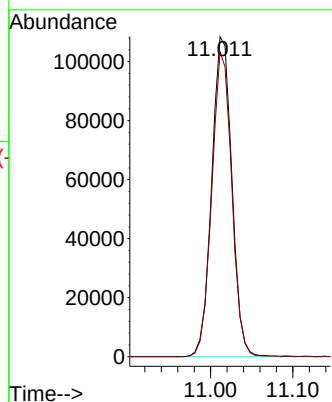
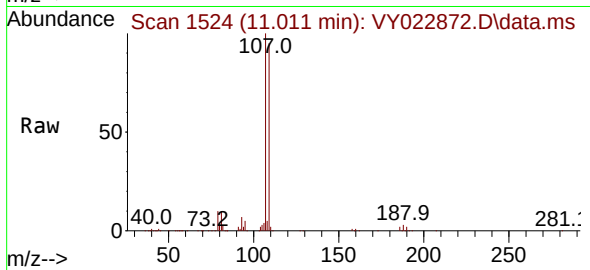




#61
1,2-Dibromoethane
Concen: 53.568 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

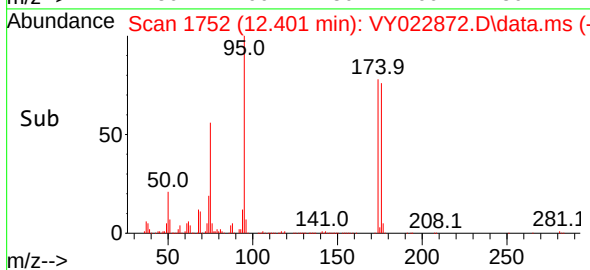
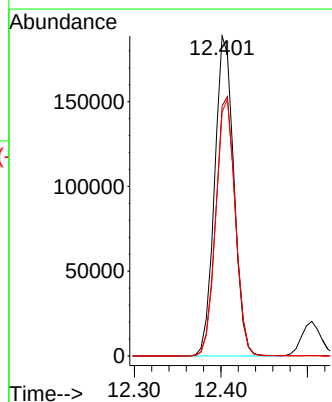
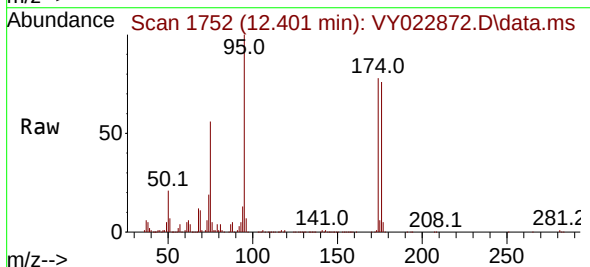
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

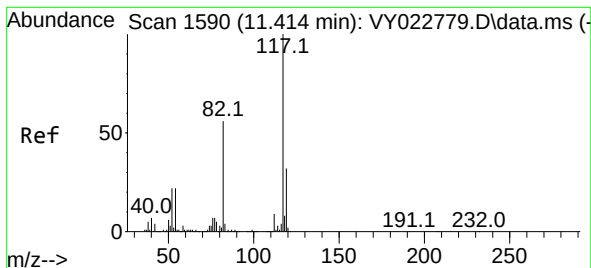
Tgt Ion:107 Resp: 184175
Ion Ratio Lower Upper
107 100
109 94.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.784 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 95 Resp: 291027
Ion Ratio Lower Upper
95 100
174 82.0 0.0 170.0
176 81.0 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: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

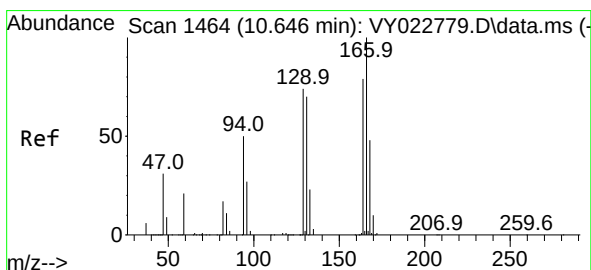
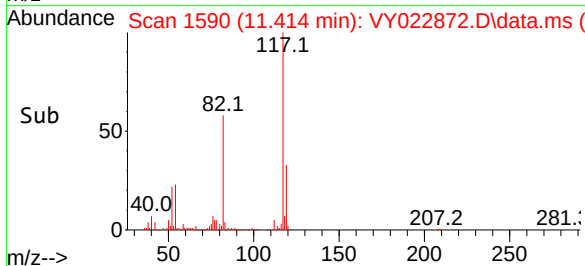
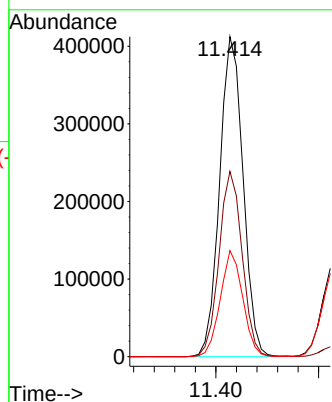
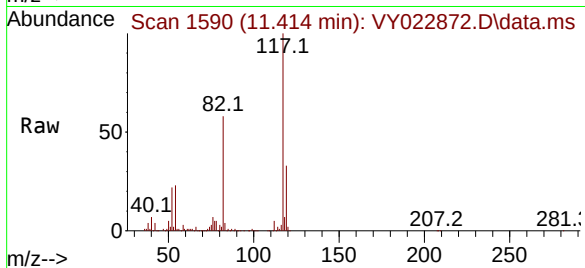
Tgt Ion:117 Resp: 651538

Ion Ratio Lower Upper

117 100

82 57.9 44.6 66.8

119 33.1 25.4 38.0



#64

Tetrachloroethene

Concen: 57.095 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Tgt Ion:164 Resp: 351422

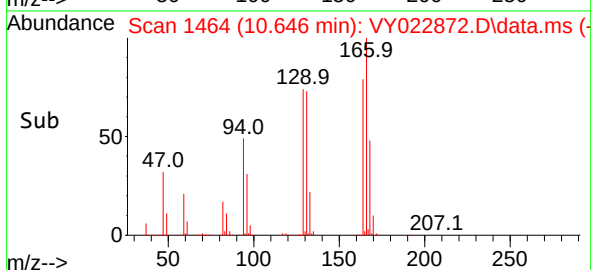
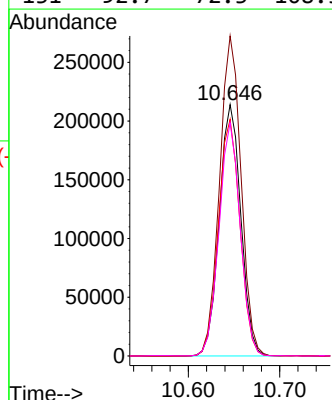
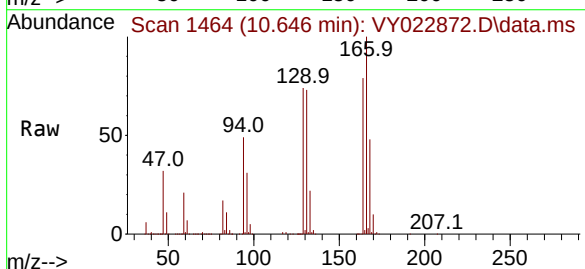
Ion Ratio Lower Upper

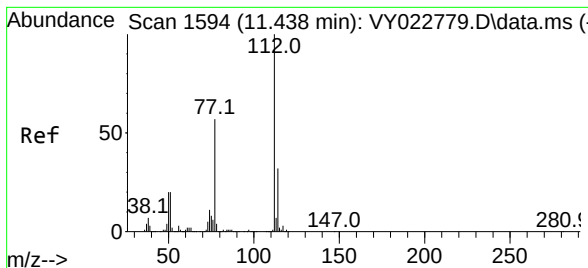
164 100

166 127.3 104.0 156.0

129 94.1 74.5 111.7

131 92.7 72.3 108.5

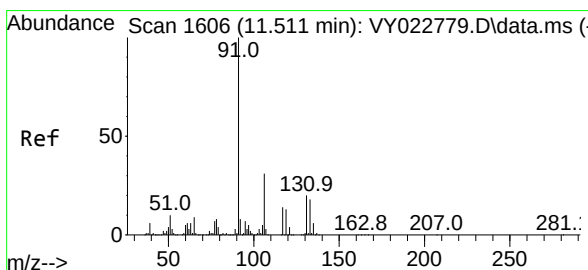
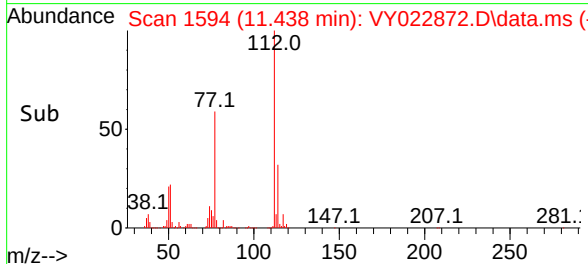
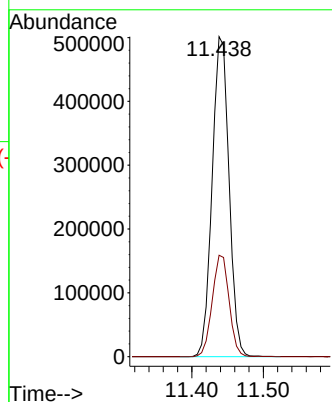
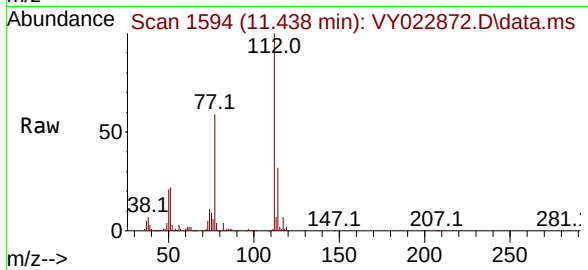




#65
Chlorobenzene
Concen: 57.435 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

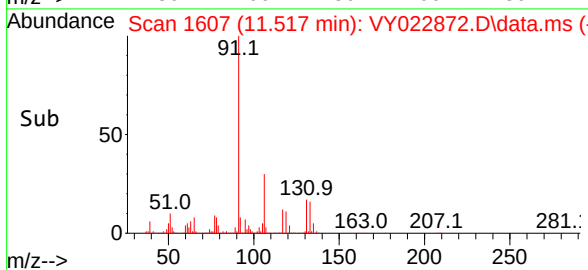
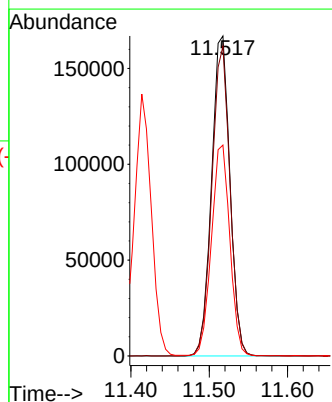
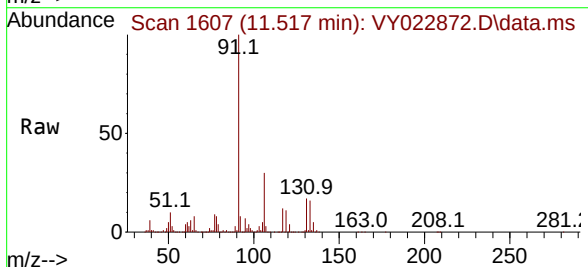
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

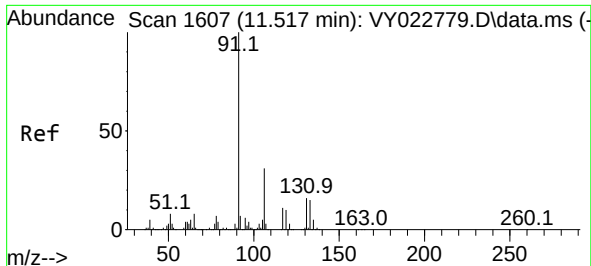
Tgt Ion:112 Resp: 822264
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.067 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion:131 Resp: 271870
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 66.2 33.1 99.3

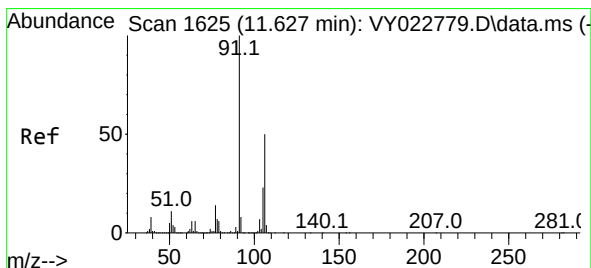
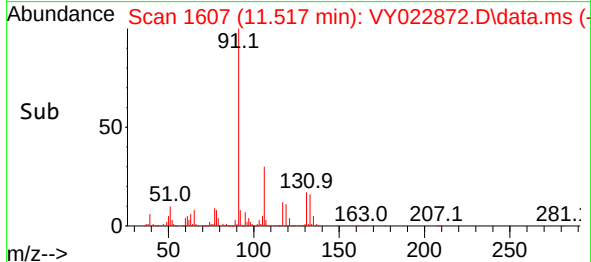
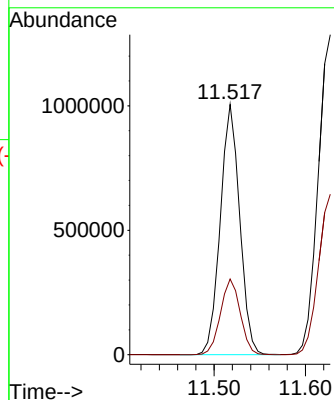
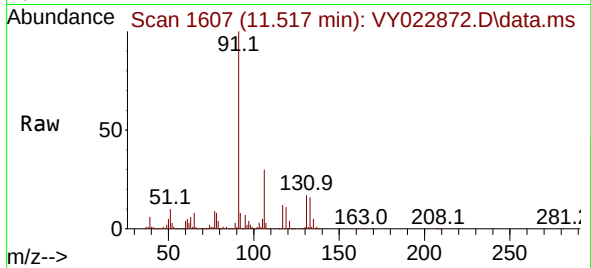




#67
Ethyl Benzene
Concen: 59.026 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

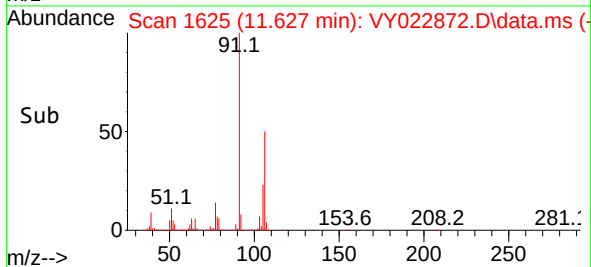
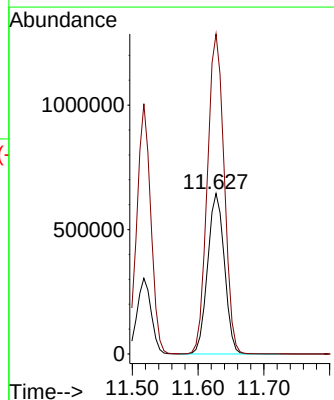
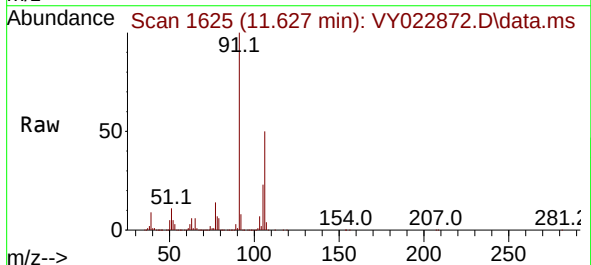
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

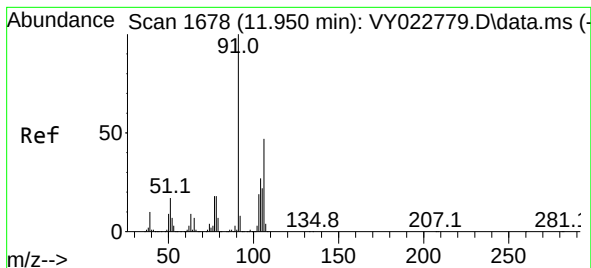
Tgt Ion: 91 Resp: 1484733
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 117.439 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion:106 Resp: 1141915
Ion Ratio Lower Upper
106 100
91 200.2 159.4 239.0

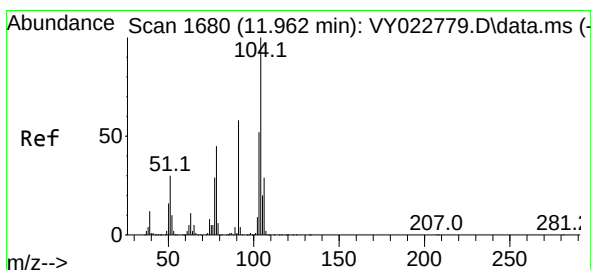
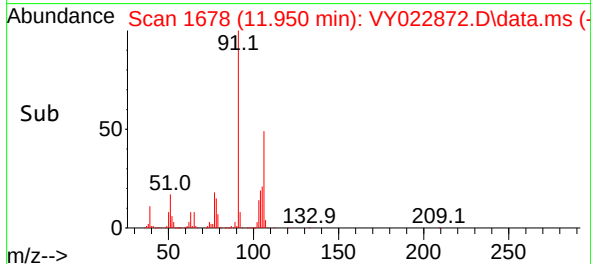
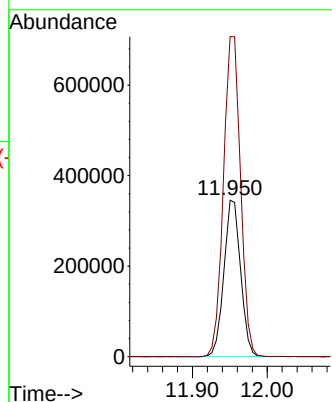
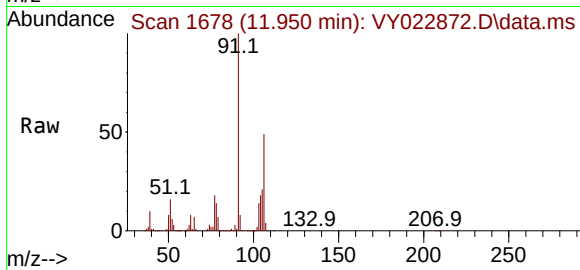




#69
o-Xylene
Concen: 58.746 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

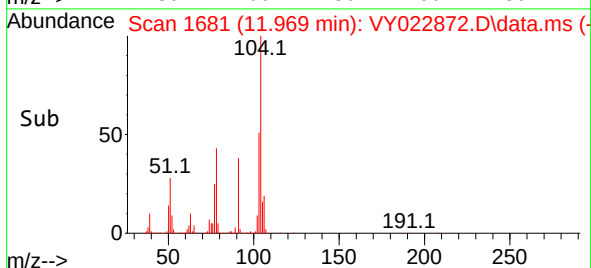
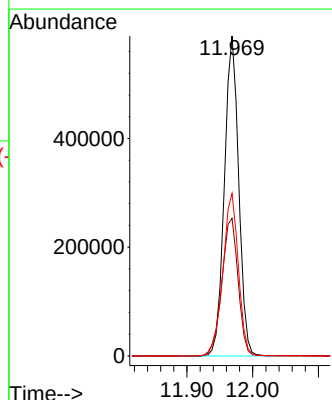
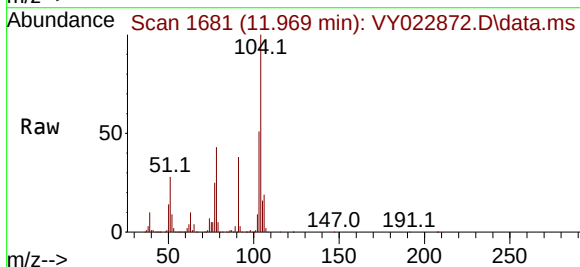
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

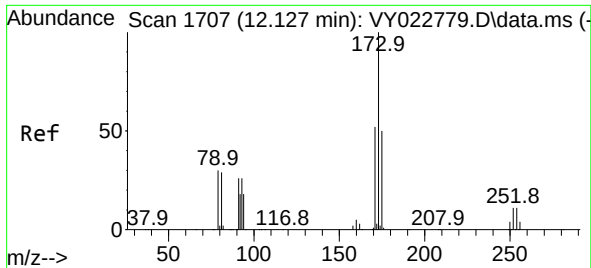
Tgt Ion:106 Resp: 538230
Ion Ratio Lower Upper
106 100
91 209.5 105.8 317.3



#70
Styrene
Concen: 58.087 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion:104 Resp: 891455
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 54.8 44.1 66.1

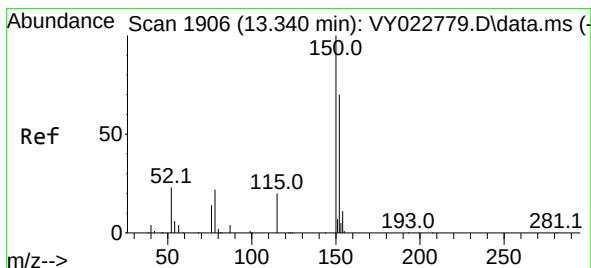
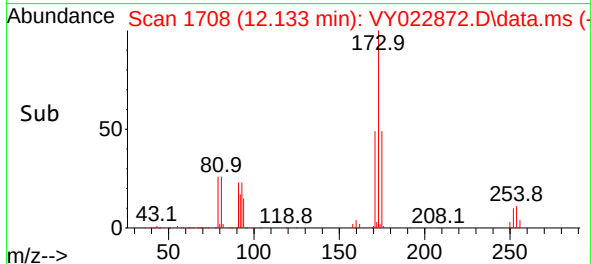
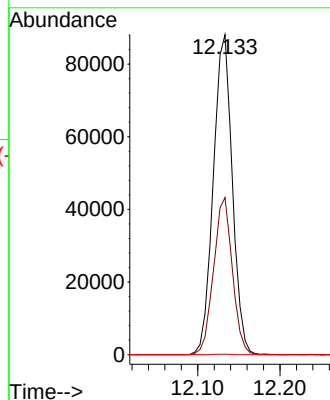
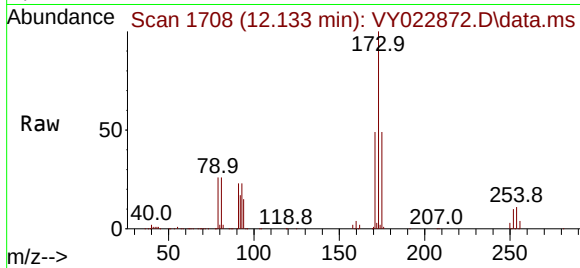




#71
Bromoform
Concen: 52.400 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

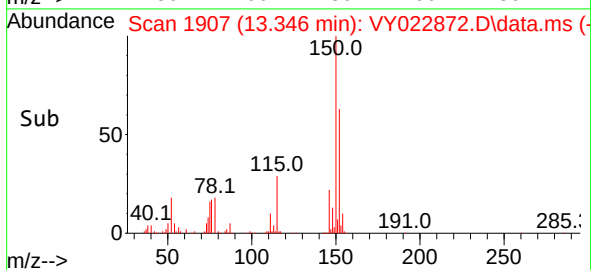
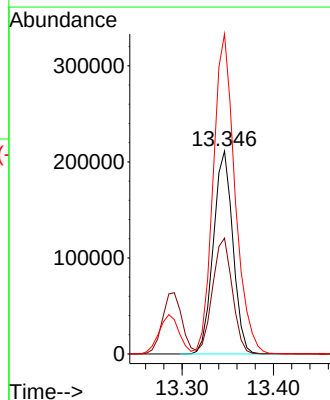
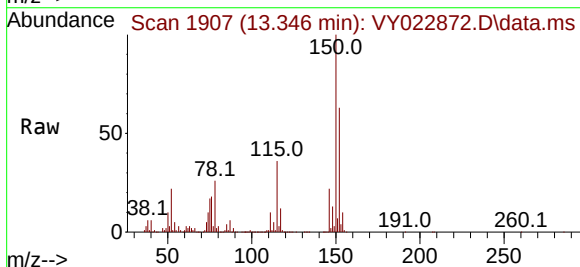
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

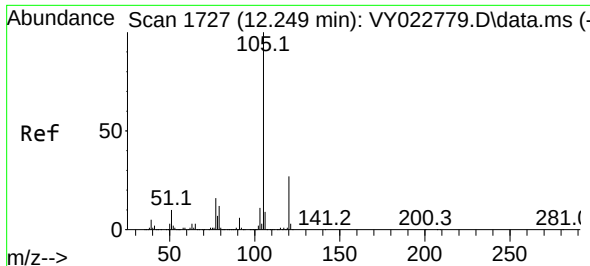
Tgt Ion:173 Resp: 141480
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion:152 Resp: 313014
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 176.2 0.0 349.6

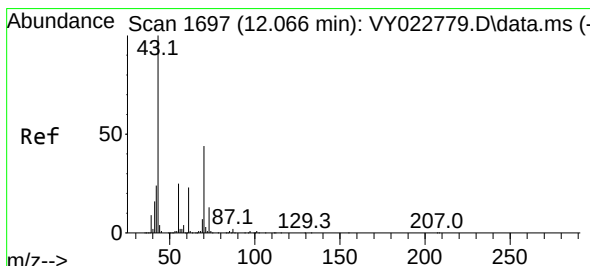
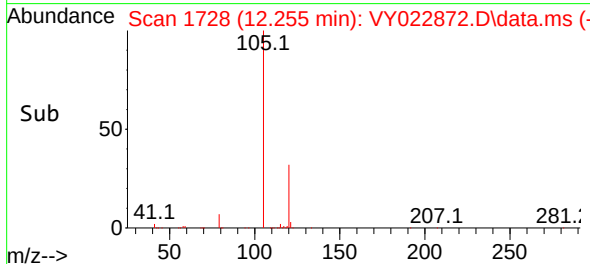
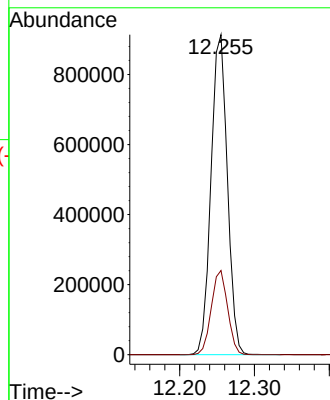
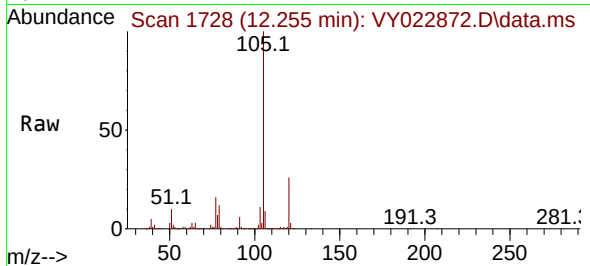




#73
Isopropylbenzene
Concen: 59.989 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

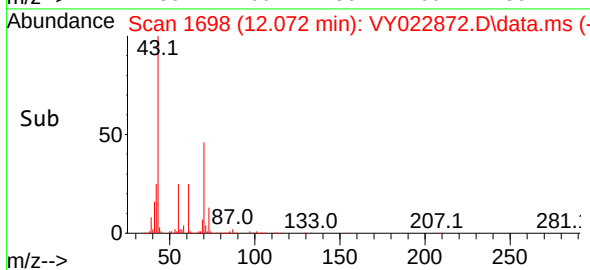
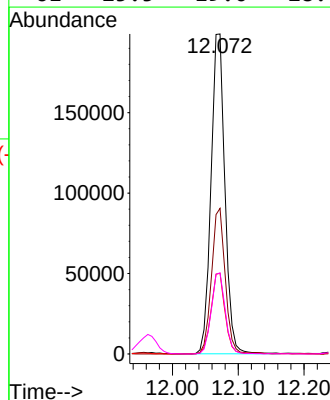
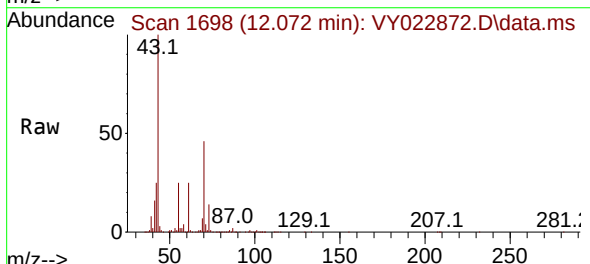
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

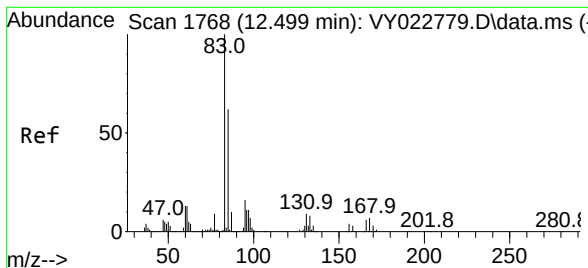
Tgt Ion:105 Resp: 1388714
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 56.311 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 43 Resp: 292603
Ion Ratio Lower Upper
43 100
70 45.1 34.2 51.2
55 25.6 18.2 27.4
61 25.5 19.0 28.6

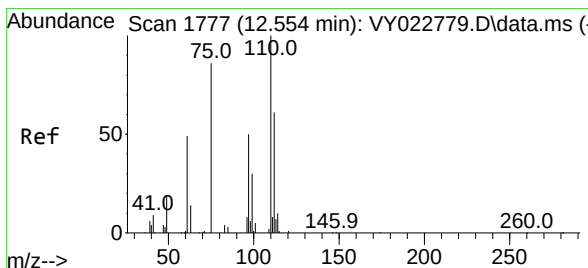
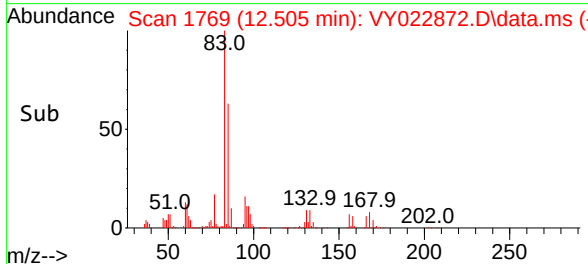
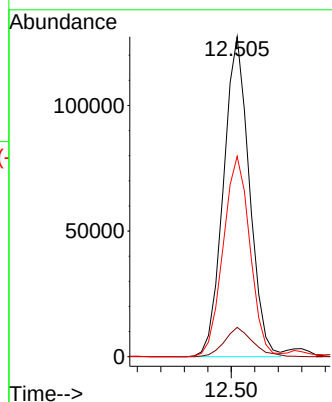
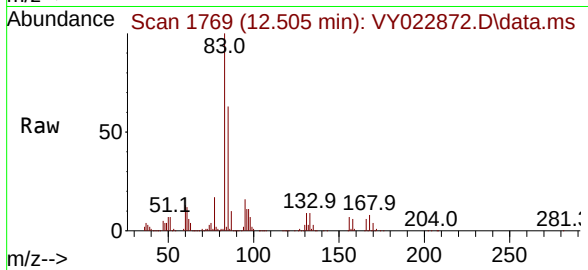




#75
1,1,2,2-Tetrachloroethane
Concen: 52.300 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

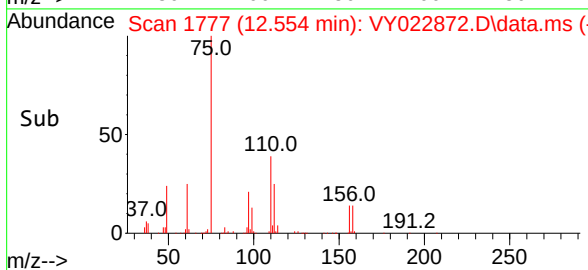
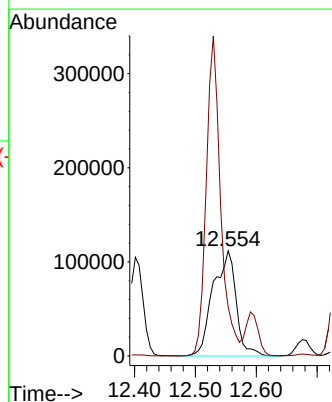
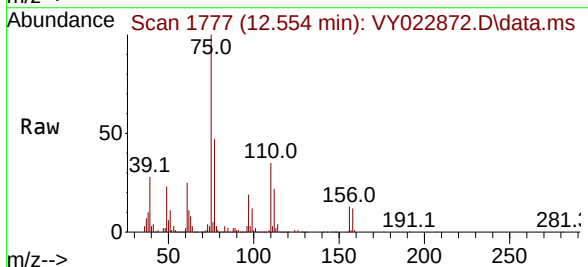
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

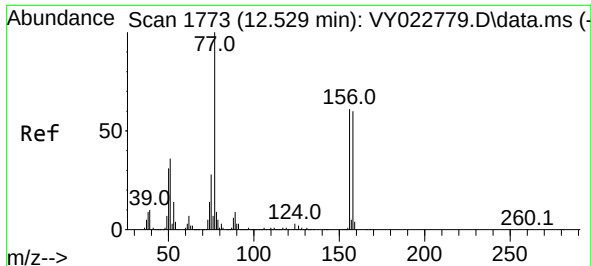
Tgt Ion: 83 Resp: 195128
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 91.780 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 75 Resp: 293294
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

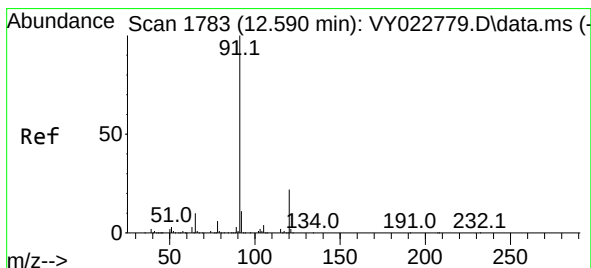
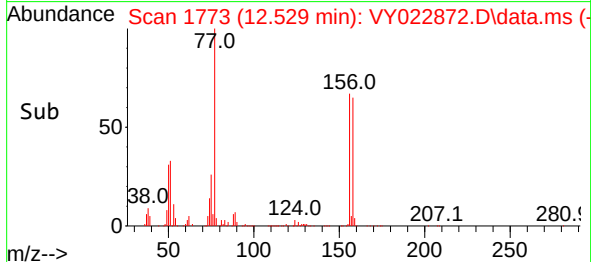
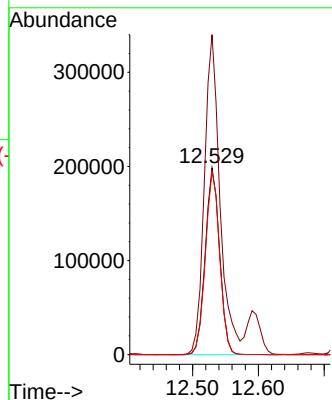
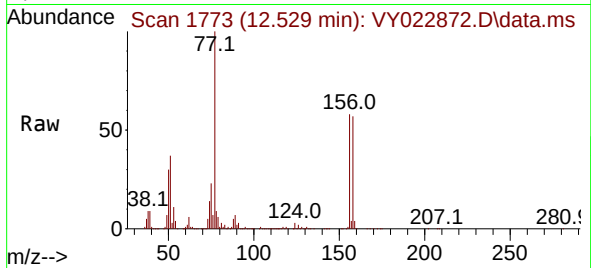




#77
Bromobenzene
Concen: 57.333 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

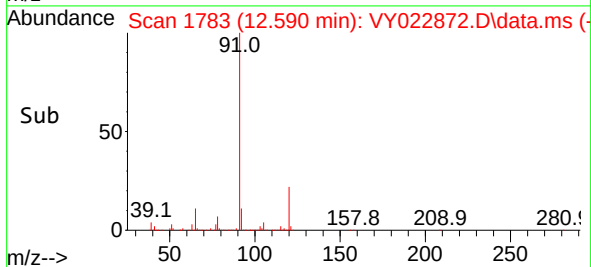
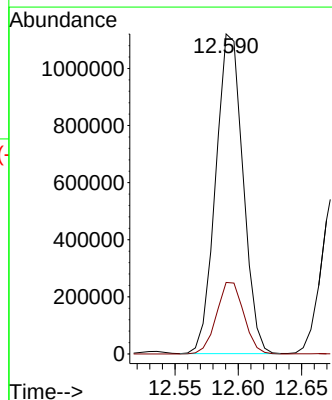
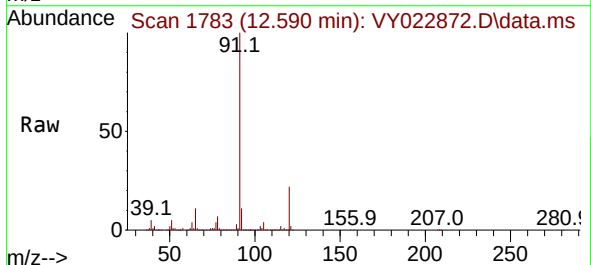
Instrument :
MSVOA_Y
ClientSampleId :
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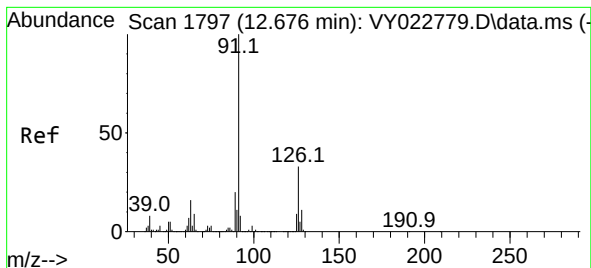
Tgt Ion:156 Resp: 300835
Ion Ratio Lower Upper
156 100
77 186.6 94.0 282.1
158 97.7 48.2 144.6



#78
n-propylbenzene
Concen: 60.112 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 91 Resp: 1680095
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4

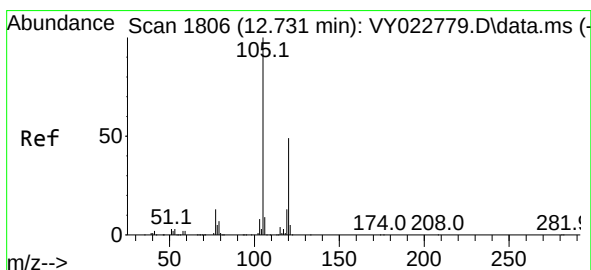
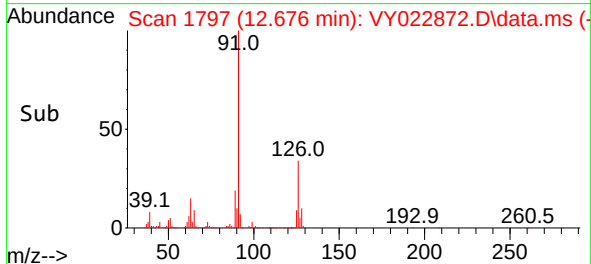
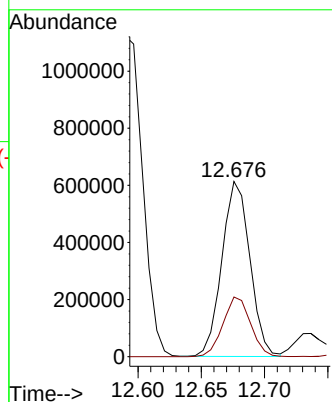
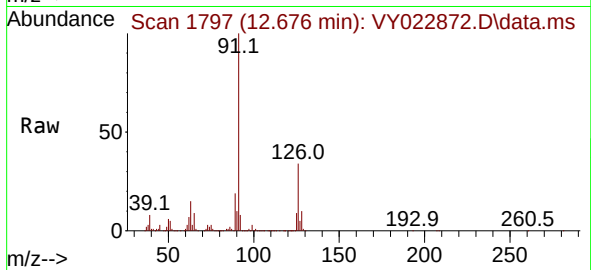




#79
2-Chlorotoluene
Concen: 59.822 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

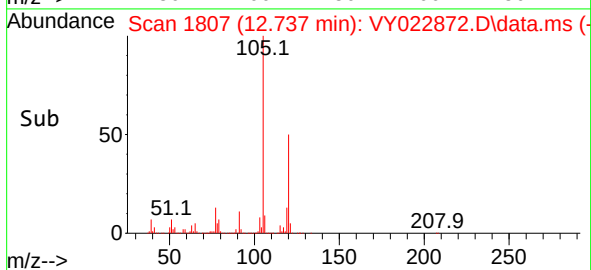
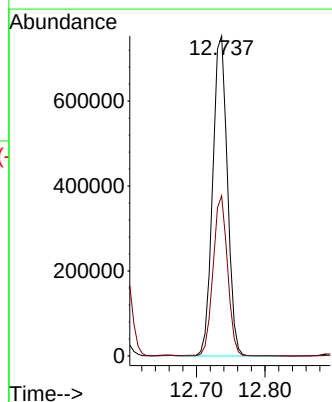
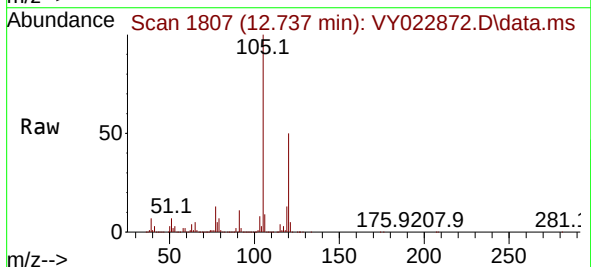
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

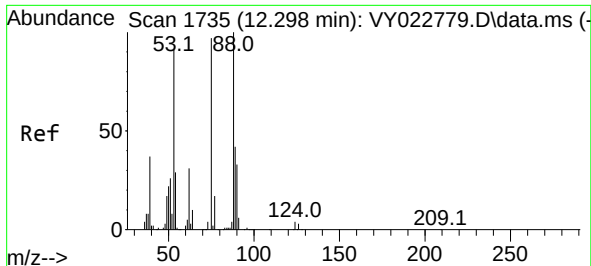
Tgt Ion: 91 Resp: 944654
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 60.011 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 105 Resp: 1121467
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

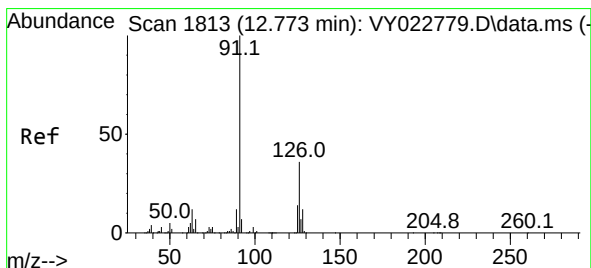
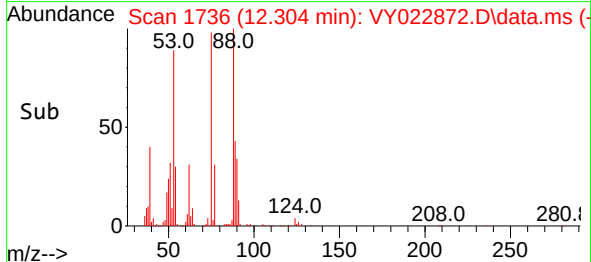
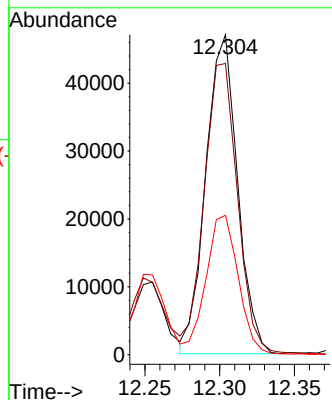
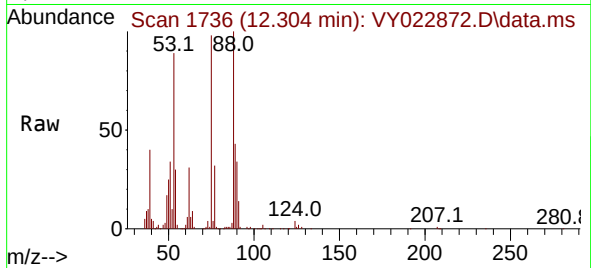




#81
trans-1,4-Dichloro-2-butene
Concen: 54.844 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

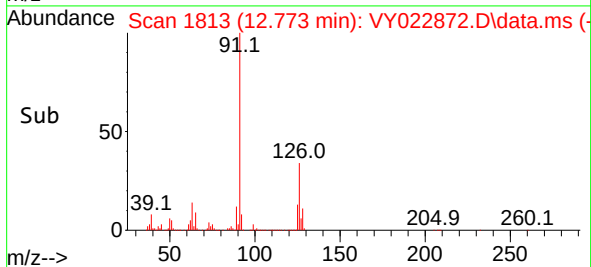
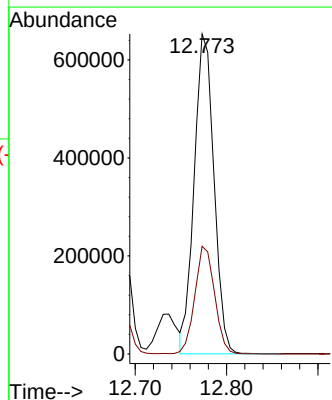
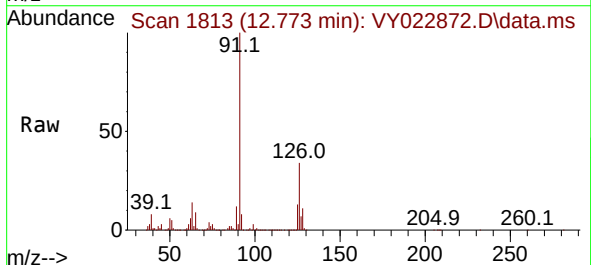
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

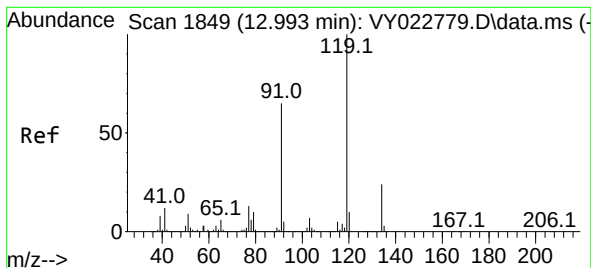
Tgt Ion: 75 Resp: 69372
Ion Ratio Lower Upper
75 100
53 96.3 78.5 117.7
89 45.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 59.018 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 91 Resp: 978923
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9

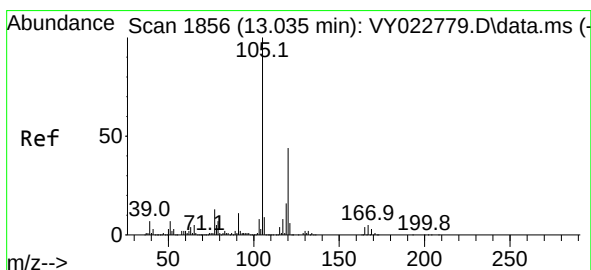
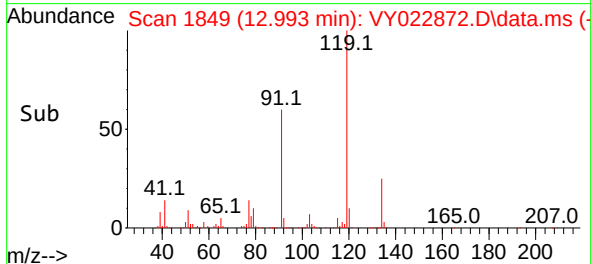
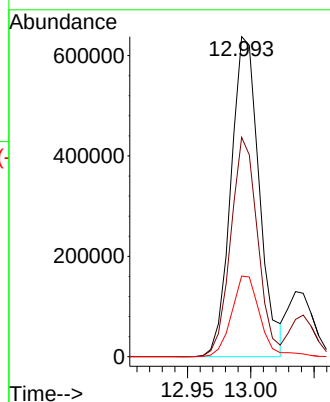
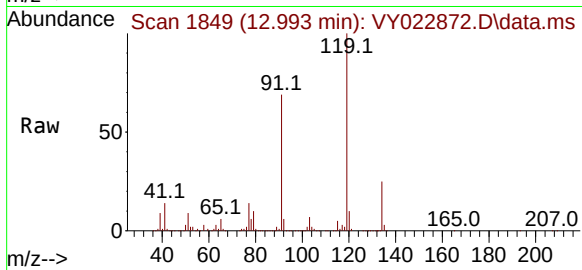




#83
 tert-Butylbenzene
 Concen: 60.390 ug/l
 RT: 12.993 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

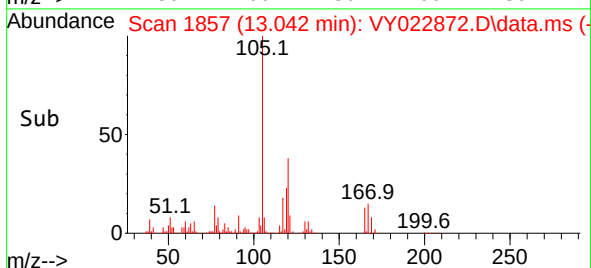
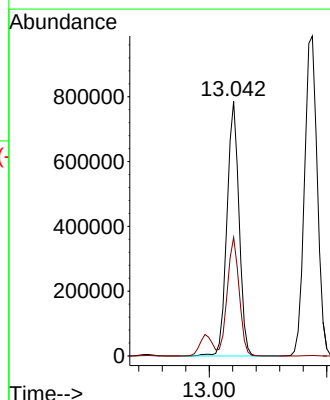
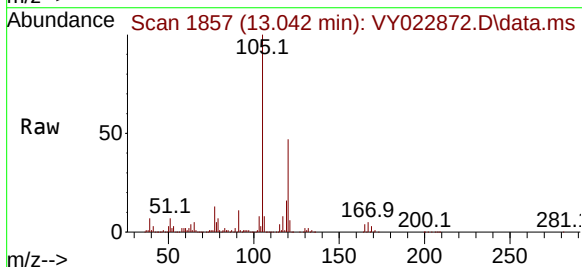
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

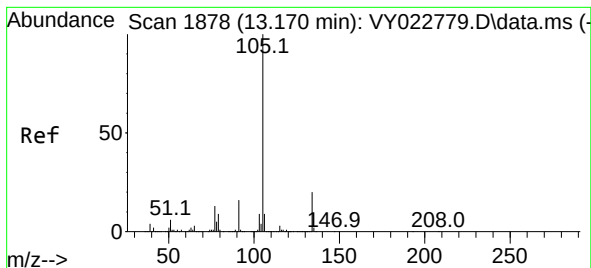
Tgt Ion:119 Resp: 995290
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.1 96.3
 134 25.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 59.909 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022872.D
 Acq: 30 Jun 2025 11:03

Tgt Ion:105 Resp: 1120897
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 59.890 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

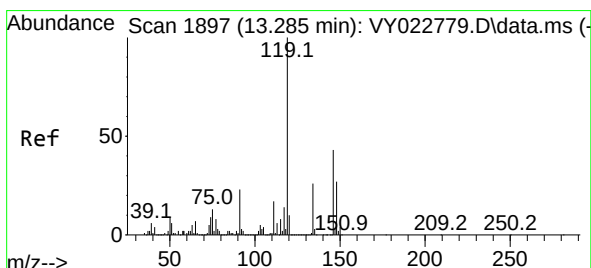
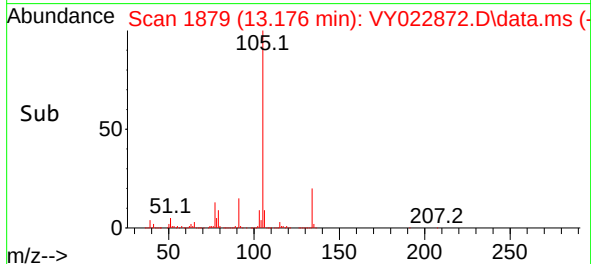
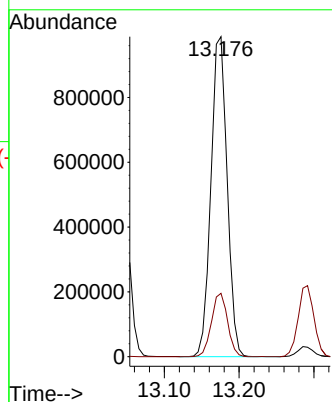
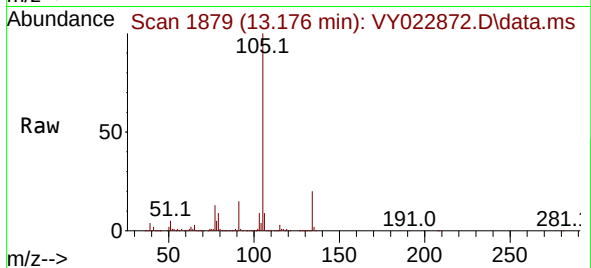
VSTDCCC050

Tgt Ion:105 Resp: 1485102

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 60.092 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

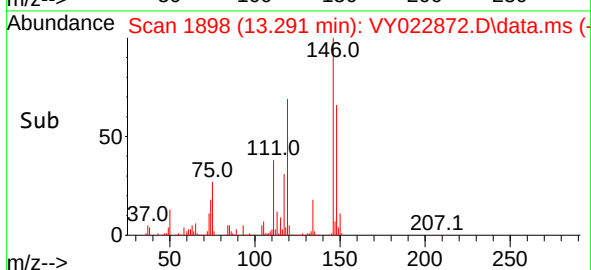
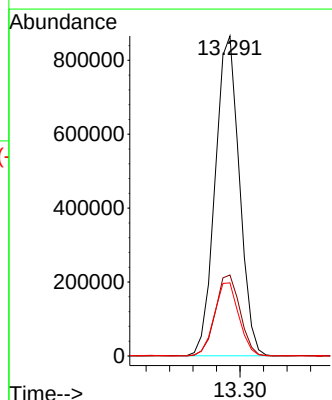
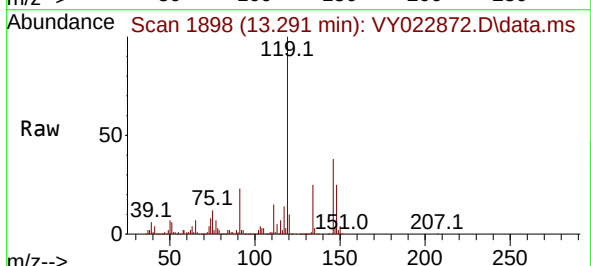
Tgt Ion:119 Resp: 1240025

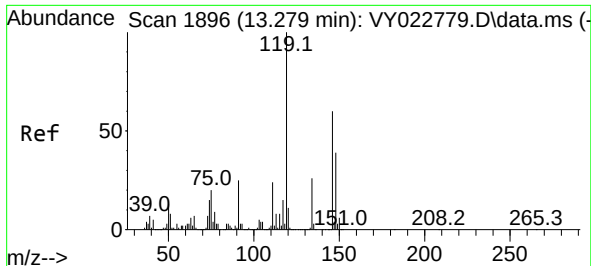
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 57.885 ug/l

RT: 13.285 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

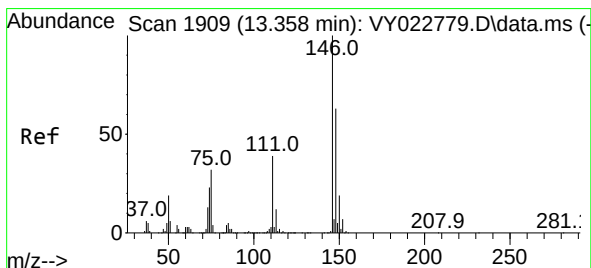
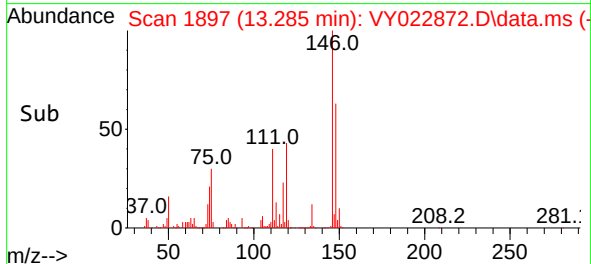
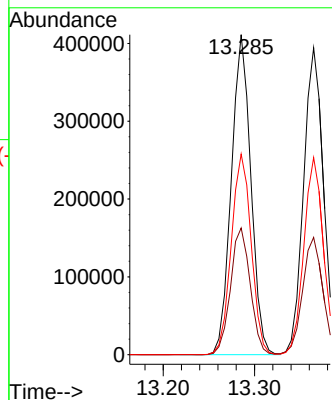
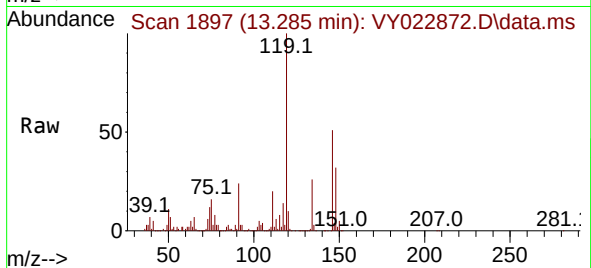
Tgt Ion:146 Resp: 610002

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 56.885 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

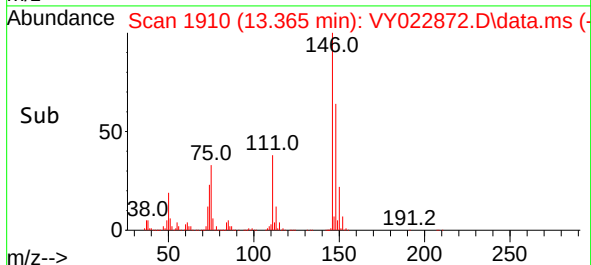
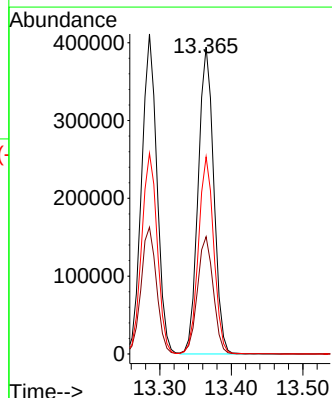
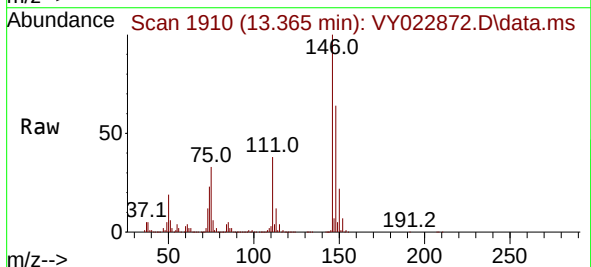
Tgt Ion:146 Resp: 595473

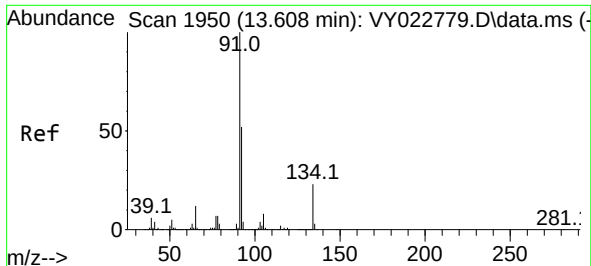
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.4 31.6 94.8

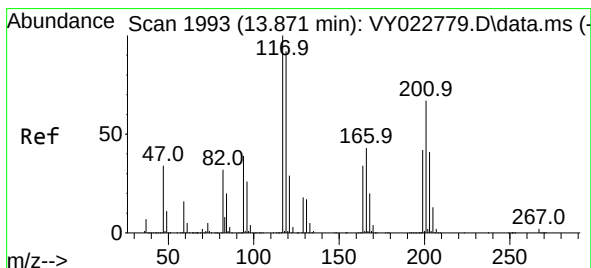
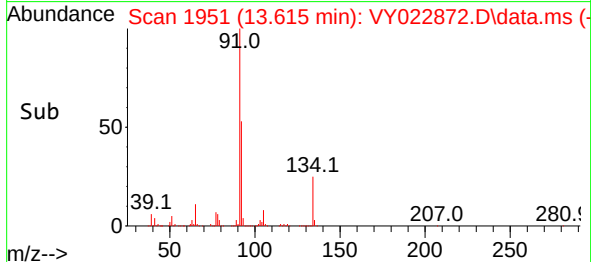
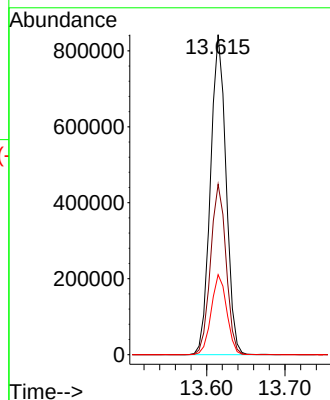
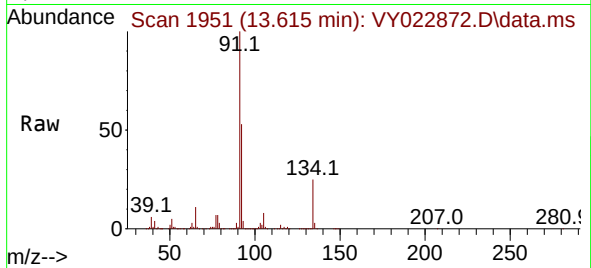




#89
n-Butylbenzene
Concen: 59.722 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

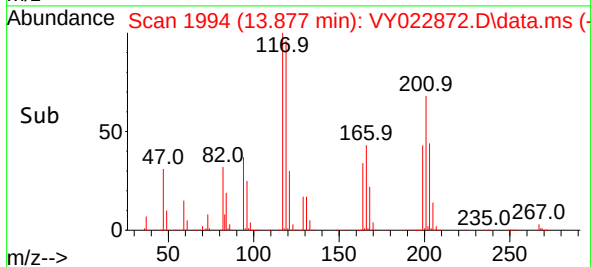
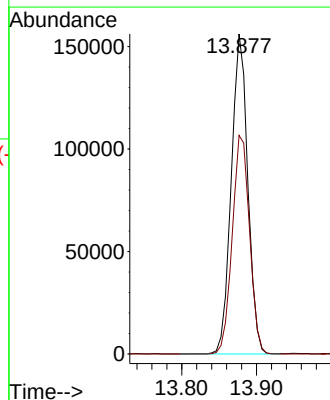
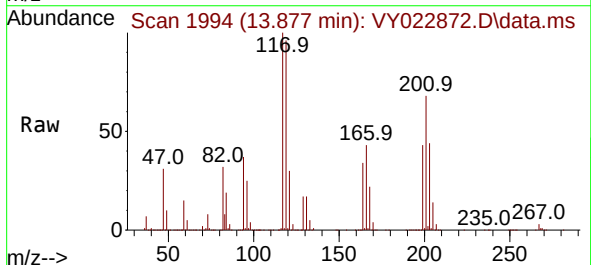
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

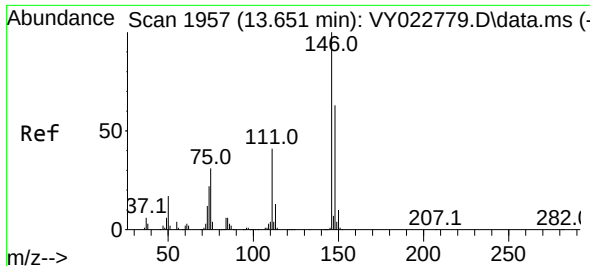
Tgt Ion: 91 Resp: 1159242
Ion Ratio Lower Upper
91 100
92 53.3 25.9 77.8
134 25.0 12.0 36.1



#90
Hexachloroethane
Concen: 58.303 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 117 Resp: 239625
Ion Ratio Lower Upper
117 100
201 71.5 34.0 102.0

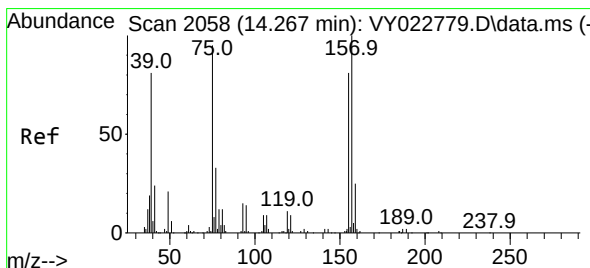
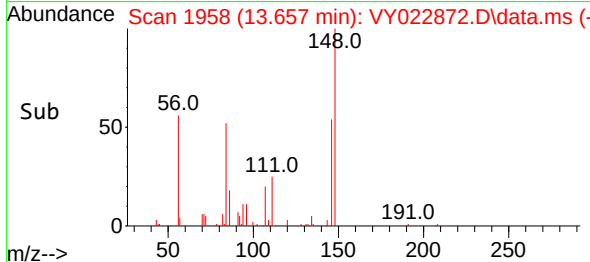
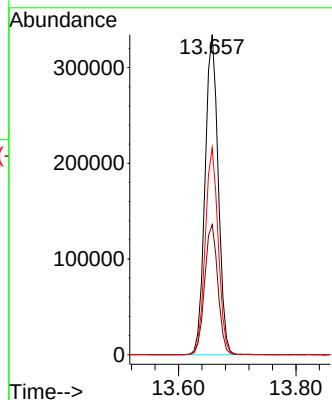
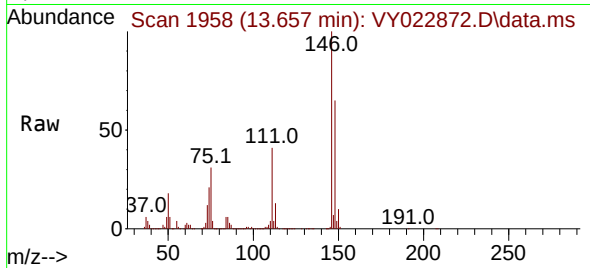




#91
1,2-Dichlorobenzene
Concen: 56.050 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

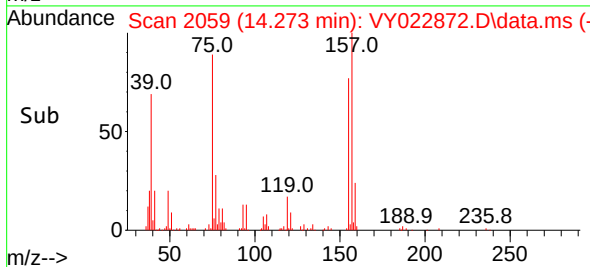
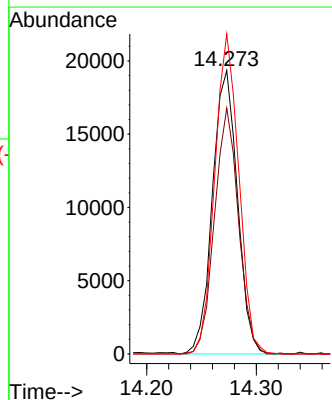
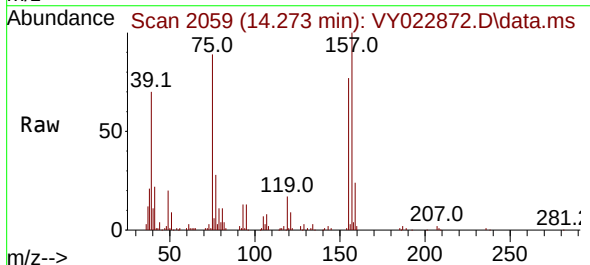
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

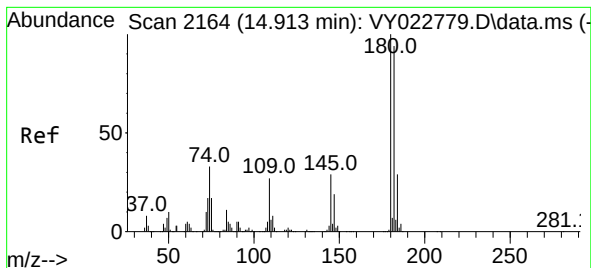
Tgt Ion:146 Resp: 520523
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.6
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.445 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022872.D
Acq: 30 Jun 2025 11:03

Tgt Ion: 75 Resp: 30651
Ion Ratio Lower Upper
75 100
155 83.2 39.9 119.6
157 108.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.155 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

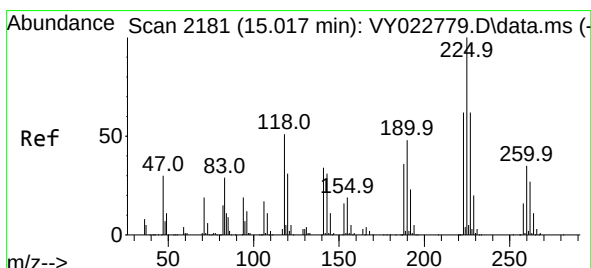
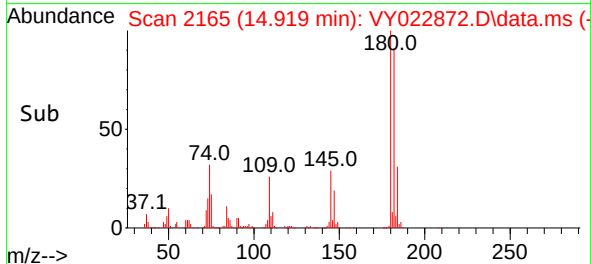
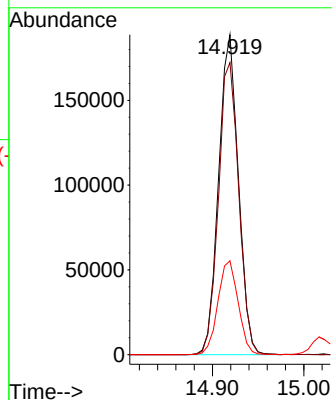
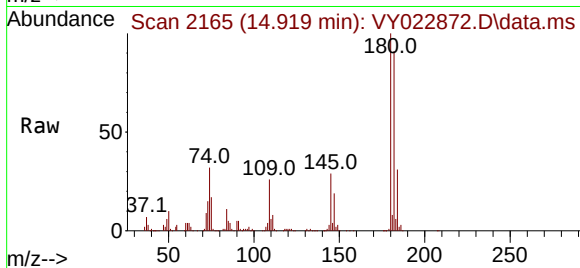
Tgt Ion:180 Resp: 283954

Ion Ratio Lower Upper

180 100

182 94.0 48.4 145.3

145 30.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 52.716 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

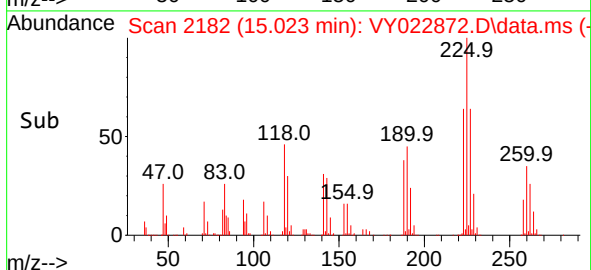
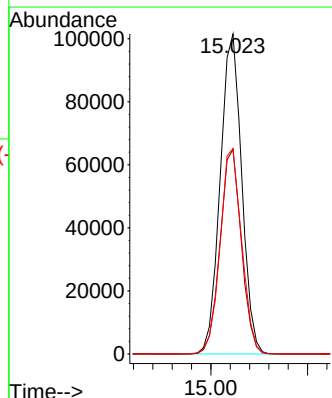
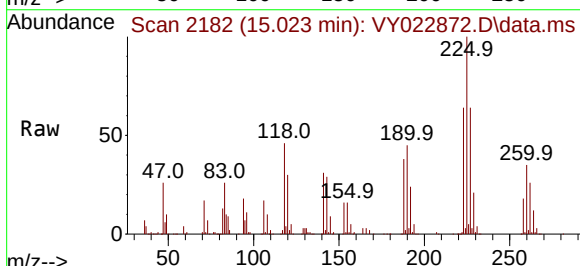
Tgt Ion:225 Resp: 156306

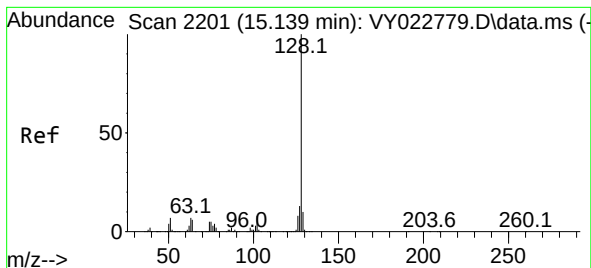
Ion Ratio Lower Upper

225 100

223 63.3 32.5 97.4

227 64.3 32.3 96.9





#95

Naphthalene

Concen: 50.488 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

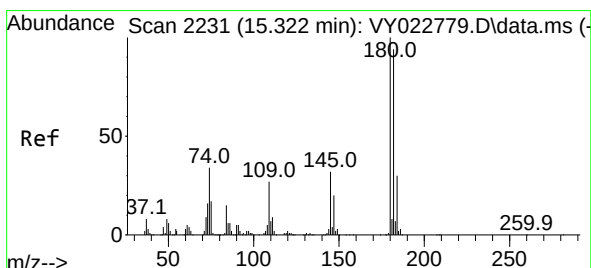
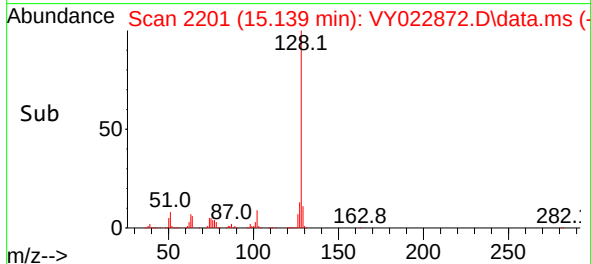
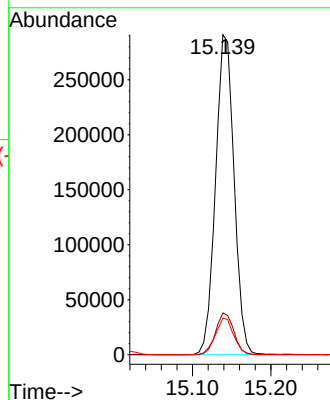
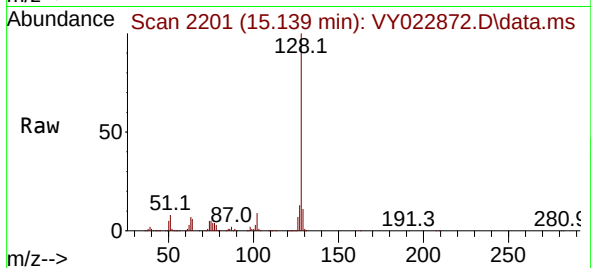
Tgt Ion:128 Resp: 478727

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.615 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022872.D

Acq: 30 Jun 2025 11:03

Tgt Ion:180 Resp: 229335

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.3

145 32.1 15.2 45.6

