

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021572.D
 Acq On : 19 Mar 2025 16:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 20 01:31:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	242585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	401233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	191901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138825	54.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.634	113	131538	49.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.740%	
50) Toluene-d8	10.103	98	477588	47.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.660%	
62) 4-Bromofluorobenzene	12.402	95	175354	51.623	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	94378	42.396	ug/l	97
3) Chloromethane	2.068	50	141055	44.943	ug/l	98
4) Vinyl Chloride	2.202	62	163431	47.651	ug/l	97
5) Bromomethane	2.592	94	121724	49.105	ug/l	99
6) Chloroethane	2.732	64	126977	56.022	ug/l	99
7) Trichlorofluoromethane	3.056	101	262765	54.889	ug/l	98
8) Diethyl Ether	3.452	74	78065	58.843	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	131035	47.942	ug/l	99
10) Methyl Iodide	4.001	142	164483	59.202	ug/l	99
11) Tert butyl alcohol	4.854	59	54669	335.662	ug/l	99
12) 1,1-Dichloroethene	3.787	96	122491	49.156	ug/l	97
13) Acrolein	3.659	56	6361	48.776	ug/l	89
14) Allyl chloride	4.385	41	207424	51.508	ug/l	98
15) Acrylonitrile	5.061	53	172281	305.057	ug/l	99
16) Acetone	3.866	43	124992	223.509	ug/l	92
17) Carbon Disulfide	4.104	76	350369	44.865	ug/l	99
18) Methyl Acetate	4.385	43	96497	77.769	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	379662	60.113	ug/l	97
20) Methylene Chloride	4.616	84	150004	51.100	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	140551	50.364	ug/l	98
22) Diisopropyl ether	6.019	45	484697	55.850	ug/l	98
23) Vinyl Acetate	5.958	43	1389202	280.483	ug/l	98
24) 1,1-Dichloroethane	5.915	63	270839	52.877	ug/l	99
25) 2-Butanone	6.890	43	222712	287.898	ug/l	100
26) 2,2-Dichloropropane	6.884	77	216320	45.900	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	174061	54.903	ug/l	95
28) Bromochloromethane	7.244	49	120515	56.122	ug/l	95
29) Tetrahydrofuran	7.262	42	147276	308.387	ug/l	98
30) Chloroform	7.421	83	288618	54.264	ug/l	99
31) Cyclohexane	7.701	56	213264	44.412	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	247662	50.855	ug/l	99
36) 1,1-Dichloropropene	7.835	75	188194	45.586	ug/l	99
37) Ethyl Acetate	6.982	43	100111	54.866	ug/l	99
38) Carbon Tetrachloride	7.817	117	220697	46.483	ug/l	98
39) Methylcyclohexane	9.109	83	224533	44.340	ug/l	99
40) Benzene	8.079	78	601344	49.448	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	46160	46.461	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	177154	52.072	ug/l	100
43) Isopropyl Acetate	8.195	43	201879	56.994	ug/l #	88
44) Trichloroethene	8.866	130	151433	49.277	ug/l	95
45) 1,2-Dichloropropane	9.140	63	148633	51.353	ug/l	97
46) Dibromomethane	9.231	93	86737	53.859	ug/l	97
47) Bromodichloromethane	9.420	83	226846	53.041	ug/l	99
48) Methyl methacrylate	9.219	41	93289	57.355	ug/l	95
49) 1,4-Dioxane	9.225	88	19968	1263.239	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	566053	309.722	ug/l	99
52) Toluene	10.170	92	548868	71.588	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	201419	53.456	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	235870	52.725	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	117057	55.566	ug/l	96
56) Ethyl methacrylate	10.438	69	164126	61.089	ug/l	98
57) 1,3-Dichloropropane	10.719	76	202280	55.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	351901	283.737	ug/l	99
59) 2-Hexanone	10.762	43	364054	301.253	ug/l	99
60) Dibromochloromethane	10.908	129	160470	55.564	ug/l	100
61) 1,2-Dibromoethane	11.012	107	110693	55.675	ug/l	99
64) Tetrachloroethene	10.646	164	159089	53.352	ug/l	96
65) Chlorobenzene	11.438	112	425334	49.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	155726	50.865	ug/l	100
67) Ethyl Benzene	11.518	91	733048	48.230	ug/l	100
68) m/p-Xylenes	11.627	106	562303	97.447	ug/l	100
69) o-Xylene	11.956	106	269433	50.663	ug/l	99
70) Styrene	11.969	104	460634	52.211	ug/l	99
71) Bromoform	12.133	173	94412	55.165	ug/l	98
73) Isopropylbenzene	12.255	105	707433	46.798	ug/l	100
74) N-amyl acetate	12.072	43	179080	54.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	132816	49.789	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	174442	90.209	ug/l #	100
77) Bromobenzene	12.530	156	173261	48.992	ug/l	98
78) n-propylbenzene	12.597	91	842169	45.873	ug/l	99
79) 2-Chlorotoluene	12.682	91	495185	47.172	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	583417	47.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	42008	49.384	ug/l	95
82) 4-Chlorotoluene	12.779	91	508046	46.737	ug/l	100
83) tert-Butylbenzene	12.999	119	519509	47.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	589933	48.366	ug/l	99
85) sec-Butylbenzene	13.176	105	747709	45.856	ug/l	99
86) p-Isopropyltoluene	13.292	119	627611	46.721	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	331055	47.027	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	328325	47.690	ug/l	99
89) n-Butylbenzene	13.615	91	577268	46.538	ug/l	99
90) Hexachloroethane	13.877	117	133455	46.569	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	300609	49.823	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21494	53.790	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	175370	53.214	ug/l	99
94) Hexachlorobutadiene	15.023	225	101424	49.097	ug/l	99
95) Naphthalene	15.145	128	347455	60.772	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	153868	55.514	ug/l	99

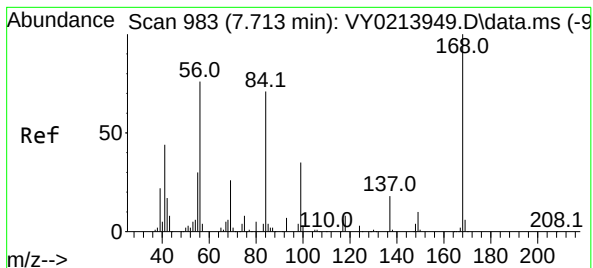
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

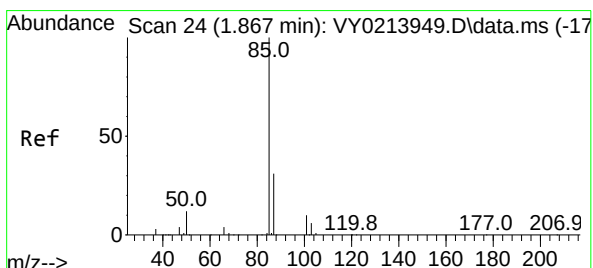
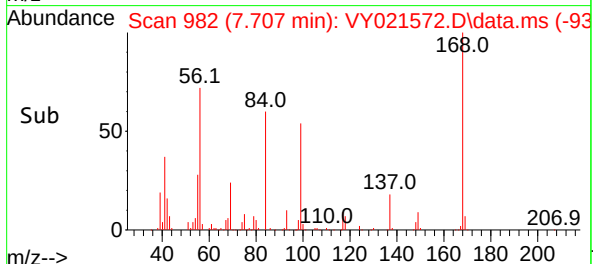
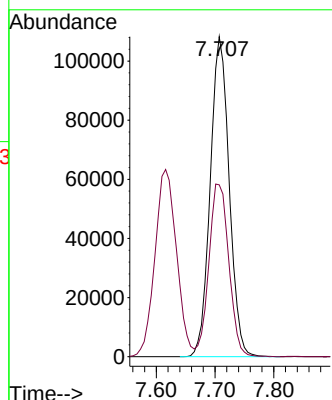
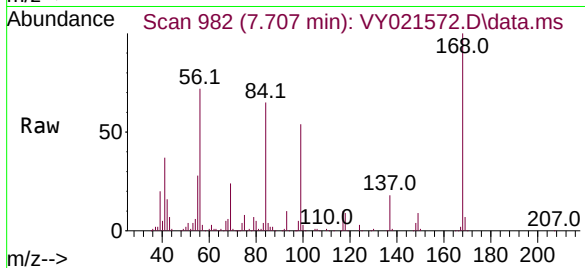
VSTDCCC050EC

Tgt Ion:168 Resp: 242585

Ion Ratio Lower Upper

168 100

99 53.7 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 42.396 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021572.D

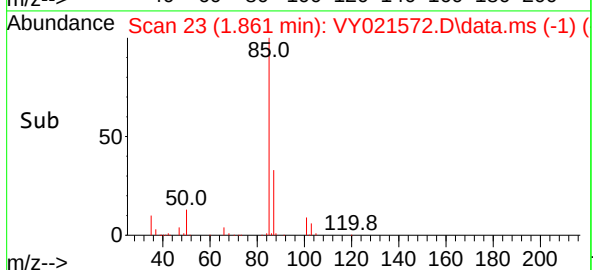
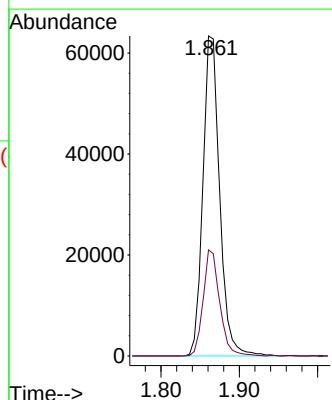
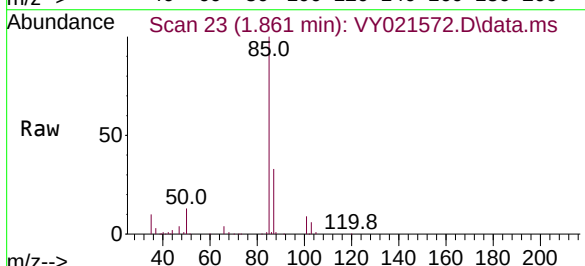
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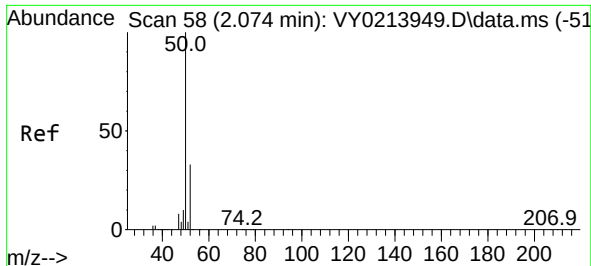
Tgt Ion: 85 Resp: 94378

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0

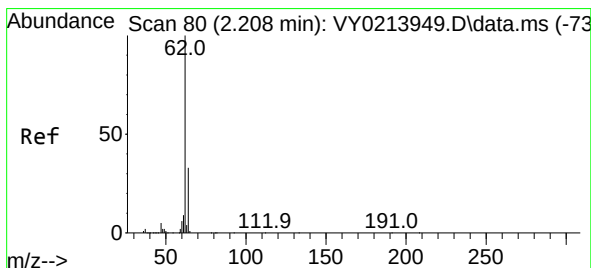
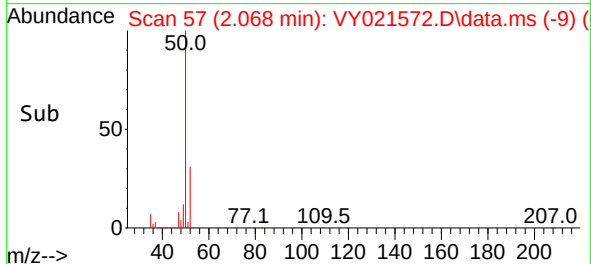
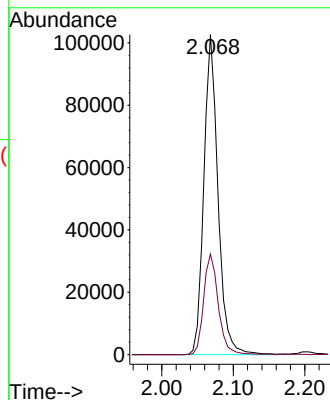
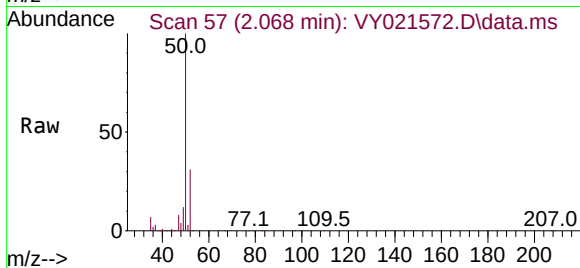




#3
Chloromethane
Concen: 44.943 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

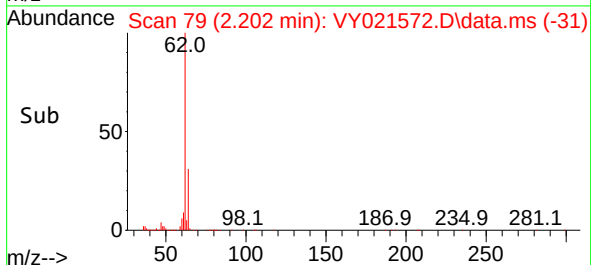
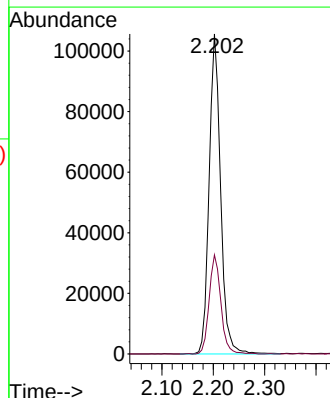
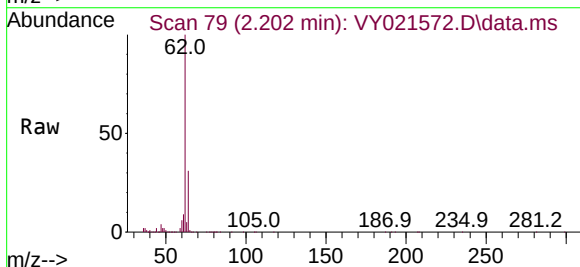
Instrument :
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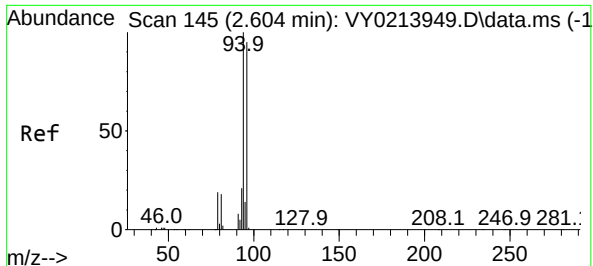
Tgt Ion: 50 Resp: 141055
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2



#4
Vinyl Chloride
Concen: 47.651 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 62 Resp: 163431
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2

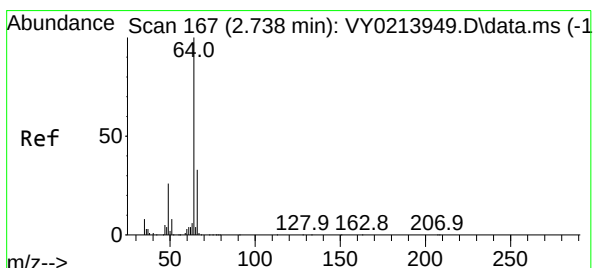
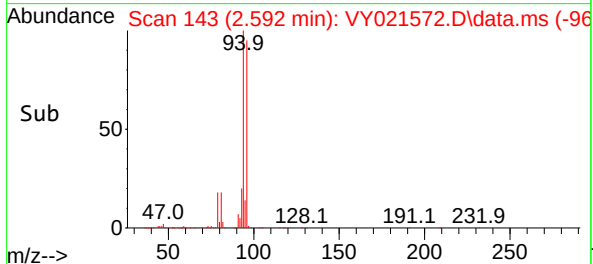
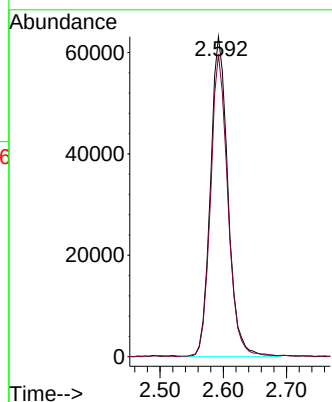
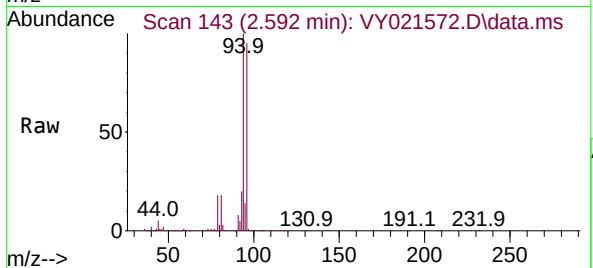




#5
Bromomethane
Concen: 49.105 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

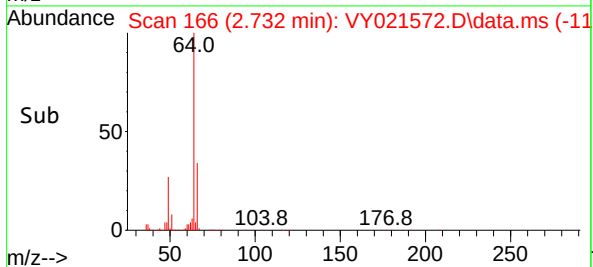
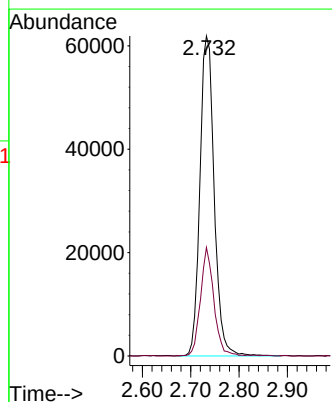
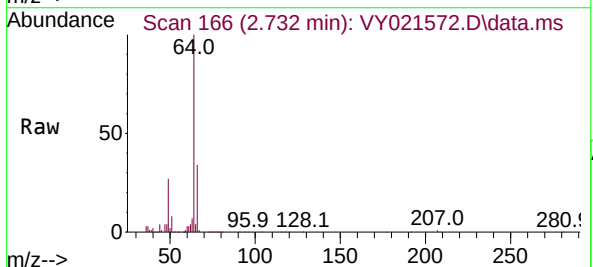
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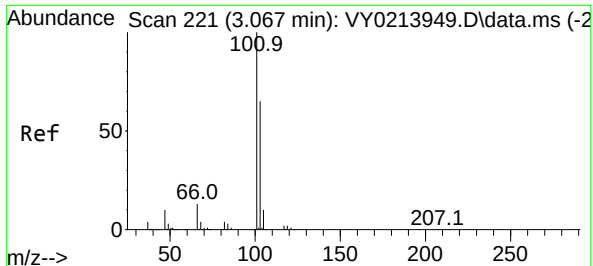
Tgt Ion: 94 Resp: 121724
Ion Ratio Lower Upper
94 100
96 94.3 76.3 114.5



#6
Chloroethane
Concen: 56.022 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 64 Resp: 126977
Ion Ratio Lower Upper
64 100
66 33.8 26.7 40.1

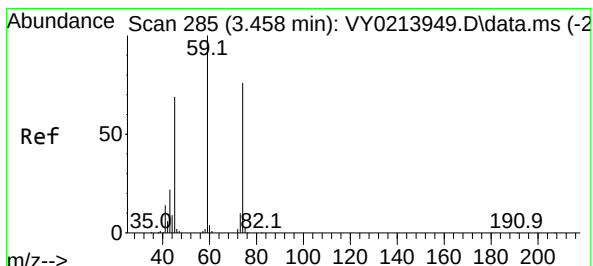
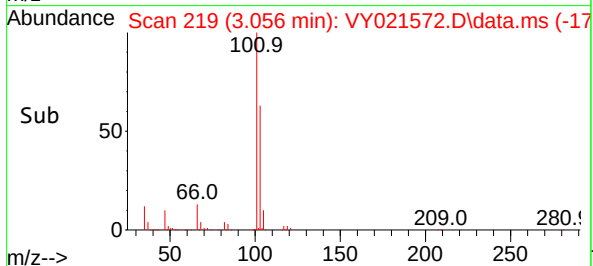
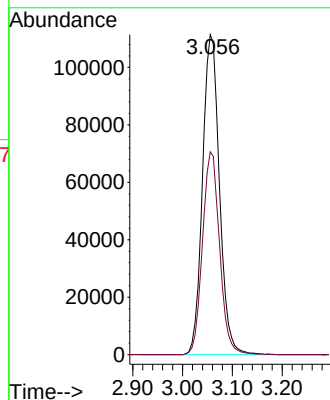
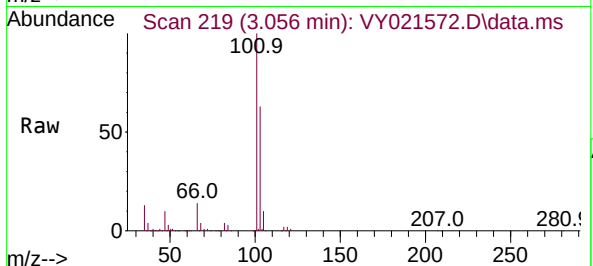




#7
 Trichlorofluoromethane
 Concen: 54.889 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

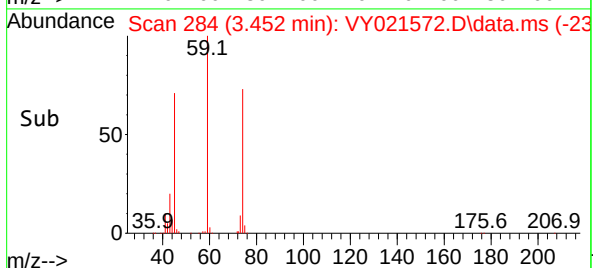
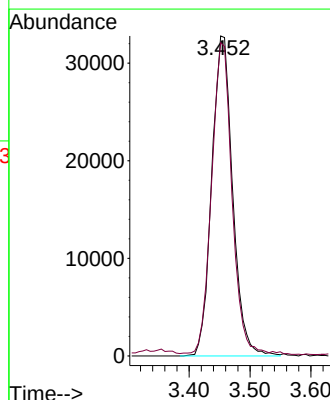
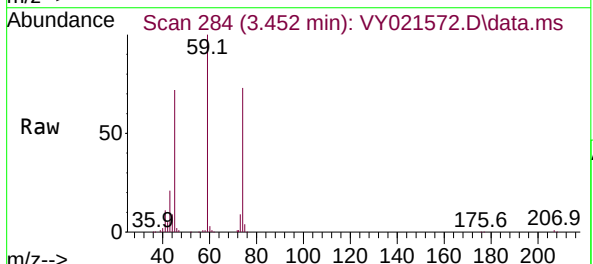
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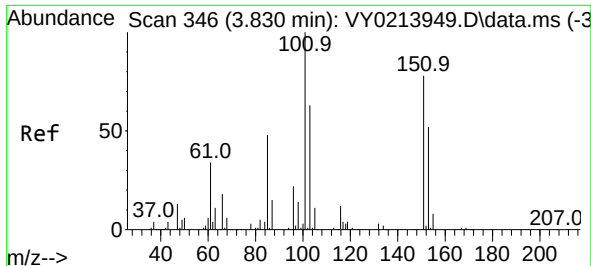
Tgt Ion:101 Resp: 262765
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 58.843 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion: 74 Resp: 78065
 Ion Ratio Lower Upper
 74 100
 45 93.6 49.7 149.1

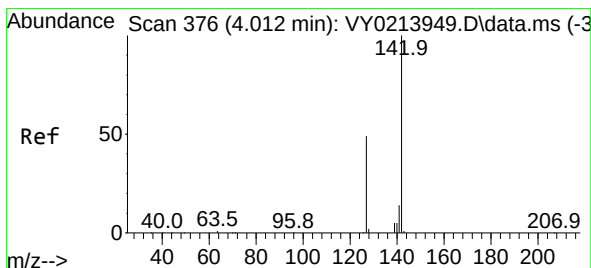
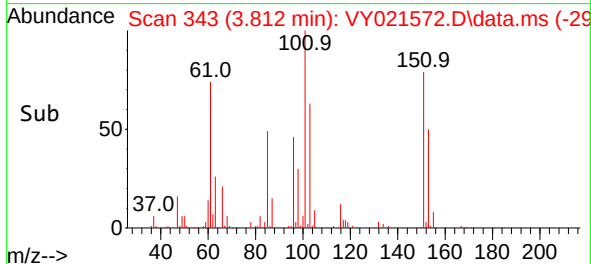
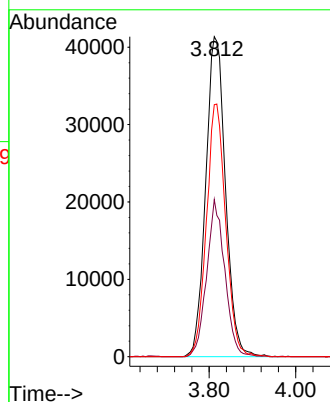
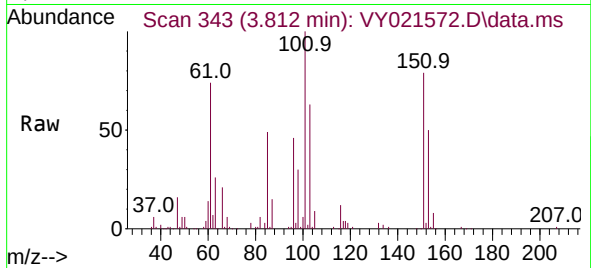




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.942 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021572.D
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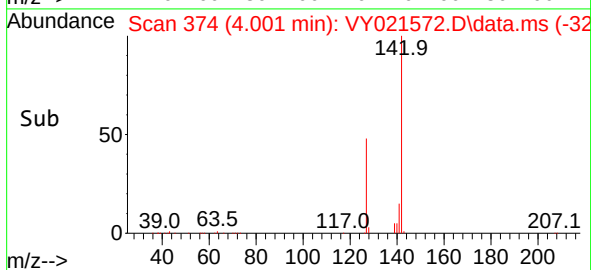
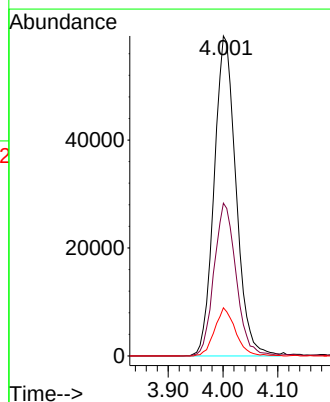
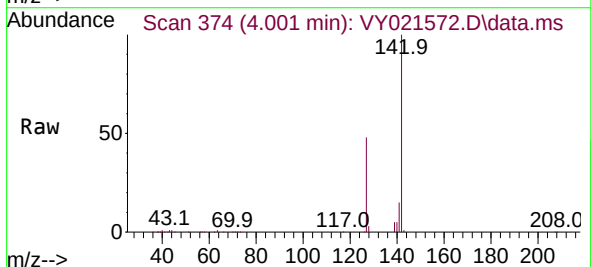
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

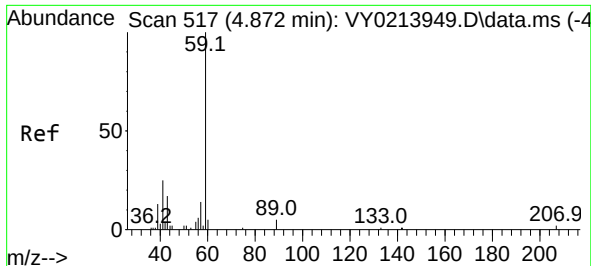
Tgt Ion:101 Resp: 131035
Ion Ratio Lower Upper
101 100
85 45.0 37.1 55.7
151 76.7 62.1 93.1



#10
Methyl Iodide
Concen: 59.202 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:142 Resp: 164483
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 14.4 11.8 17.6

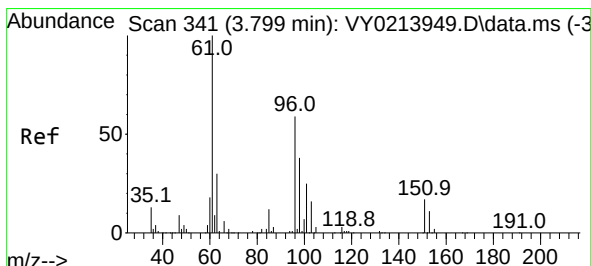
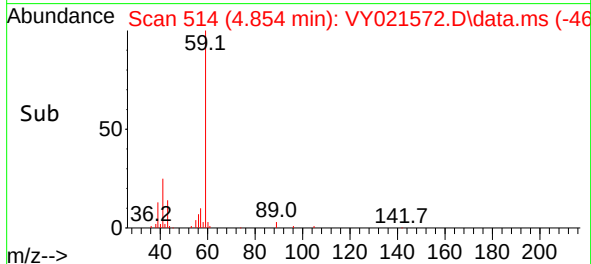
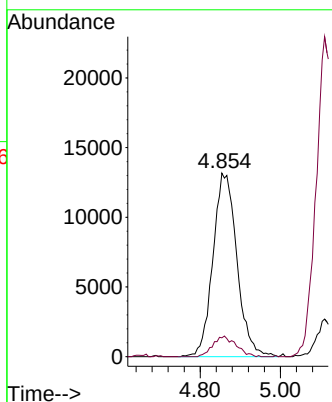
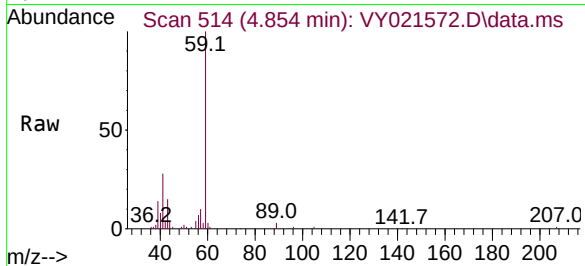




#11
Tert butyl alcohol
Concen: 335.662 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

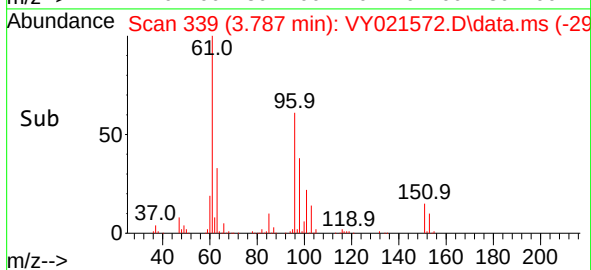
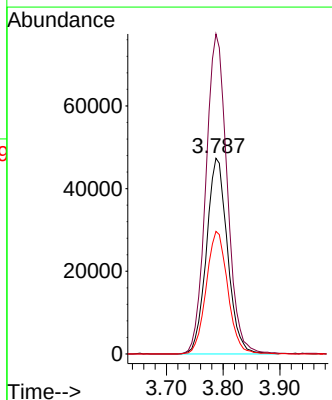
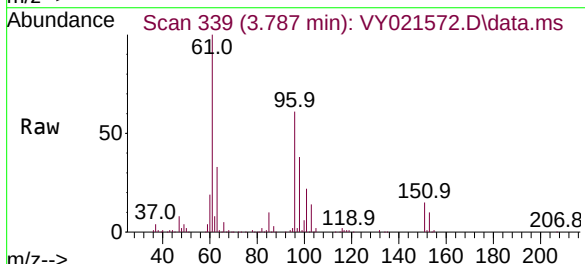
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

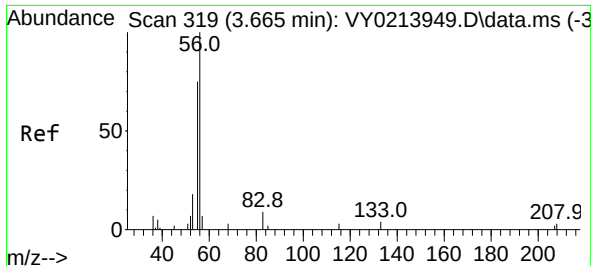
Tgt Ion: 59 Resp: 54669
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.156 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 96 Resp: 122491
Ion Ratio Lower Upper
96 100
61 163.6 135.2 202.8
98 62.7 51.4 77.2

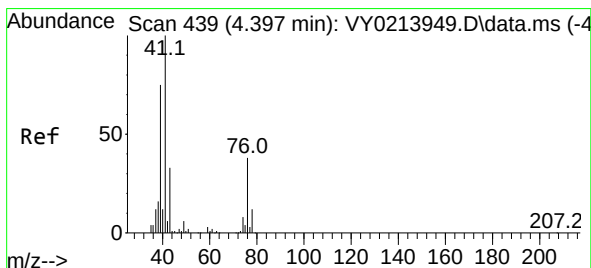
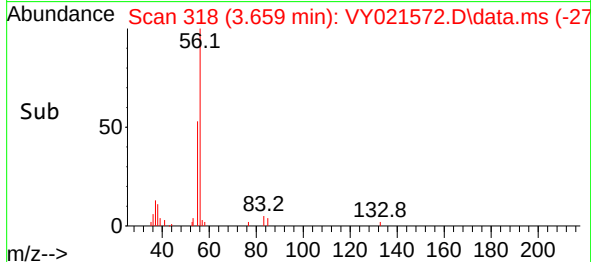
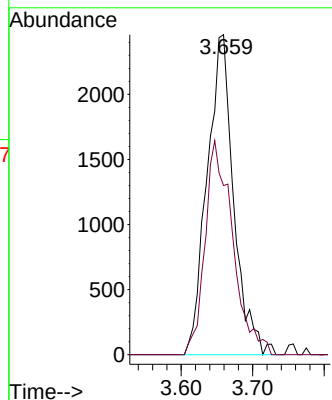
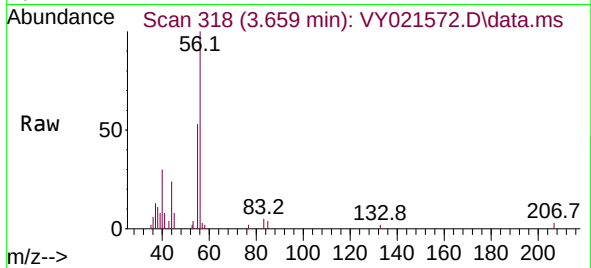




#13
Acrolein
Concen: 48.776 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

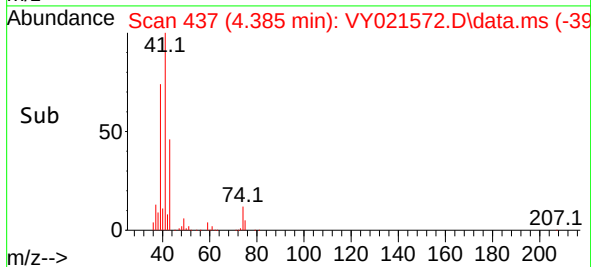
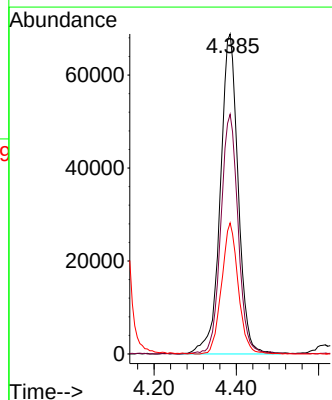
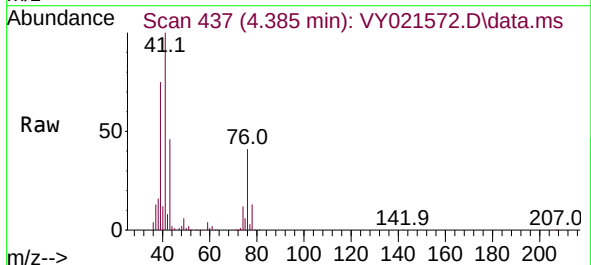
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

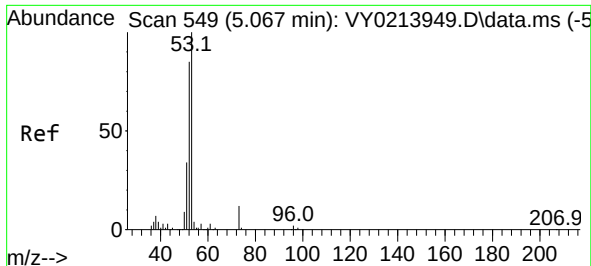
Tgt Ion: 56 Resp: 6361
Ion Ratio Lower Upper
56 100
55 69.4 63.4 95.2



#14
Allyl chloride
Concen: 51.508 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 41 Resp: 207424
Ion Ratio Lower Upper
41 100
39 72.5 59.3 88.9
76 38.1 29.8 44.8

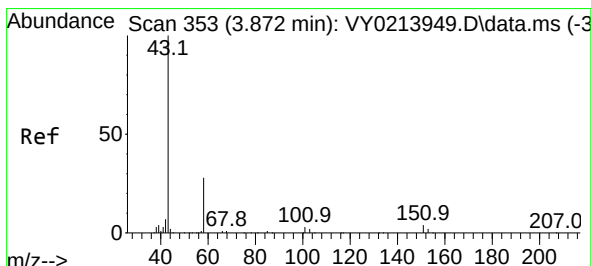
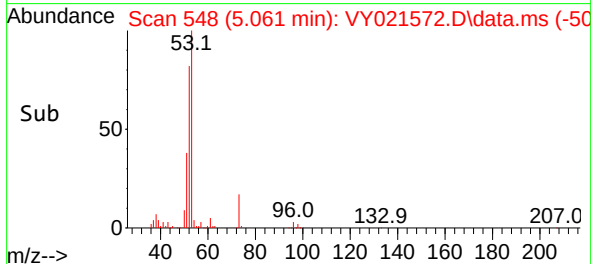
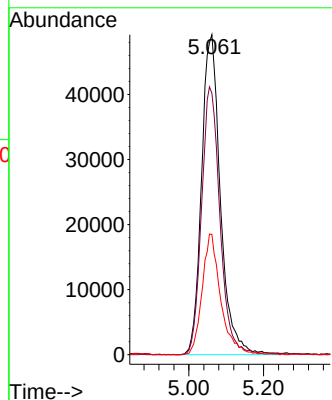
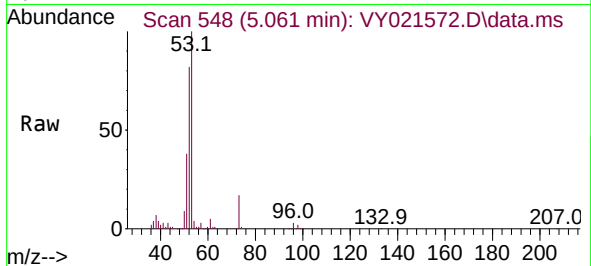




#15
Acrylonitrile
Concen: 305.057 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

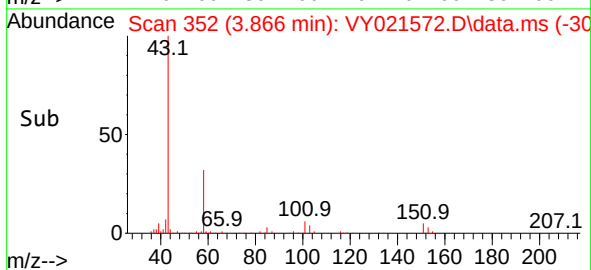
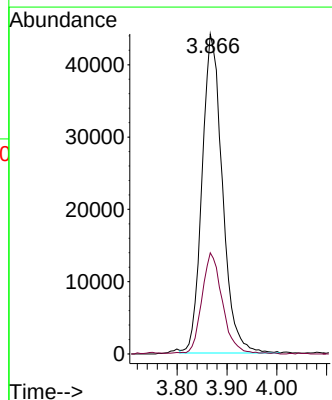
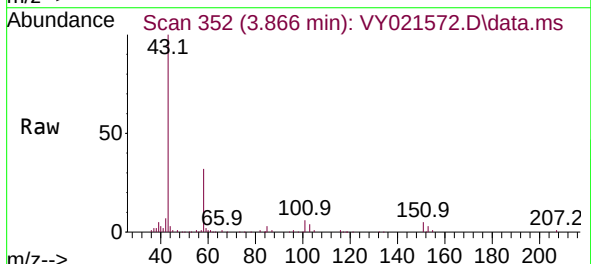
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

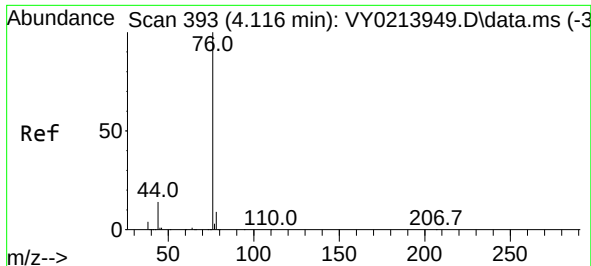
Tgt Ion: 53 Resp: 172281
Ion Ratio Lower Upper
53 100
52 81.6 66.3 99.5
51 37.0 30.3 45.5



#16
Acetone
Concen: 223.509 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 43 Resp: 124992
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1

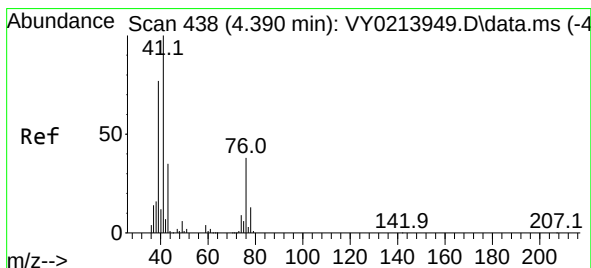
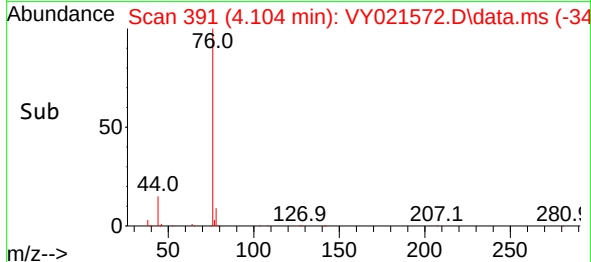
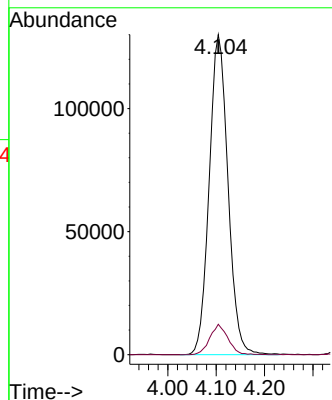
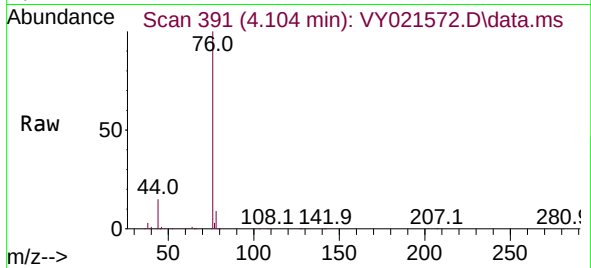




#17
Carbon Disulfide
Concen: 44.865 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

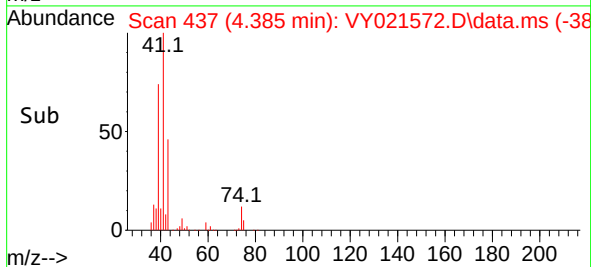
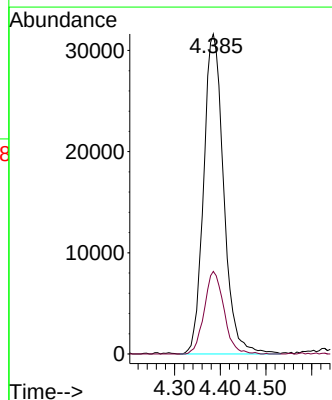
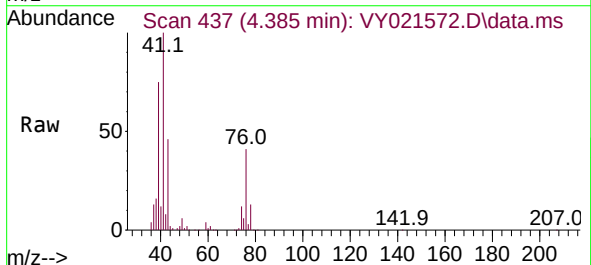
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

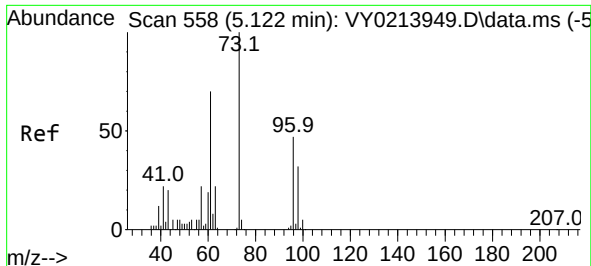
Tgt Ion: 76 Resp: 350369
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 77.769 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 43 Resp: 96497
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0

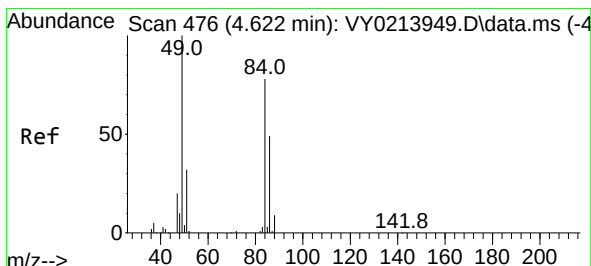
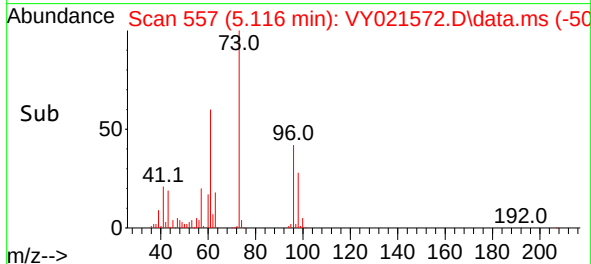
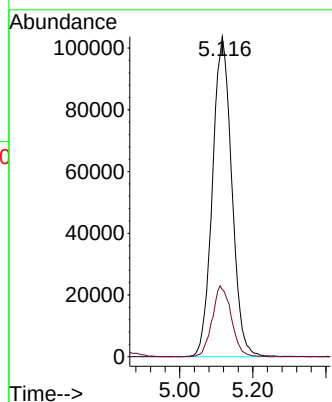
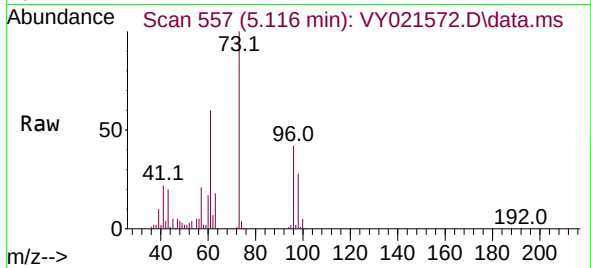




#19
Methyl tert-butyl Ether
Concen: 60.113 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

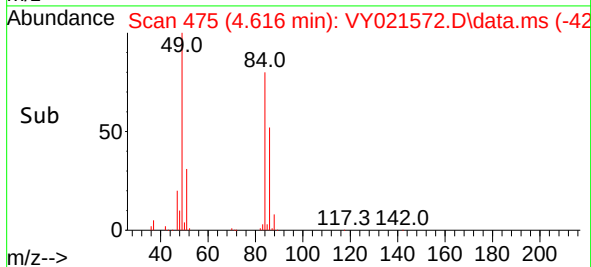
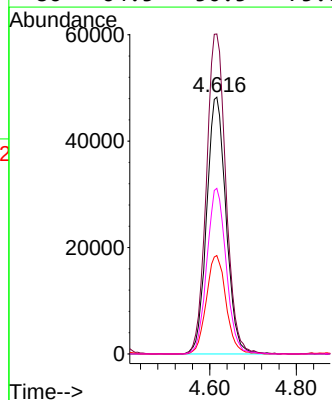
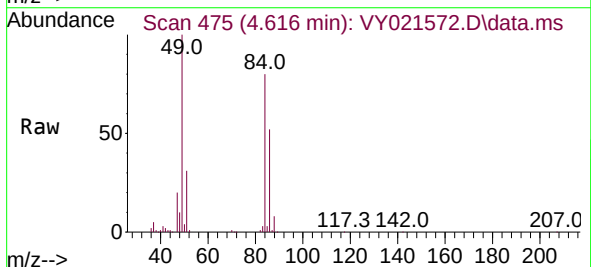
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

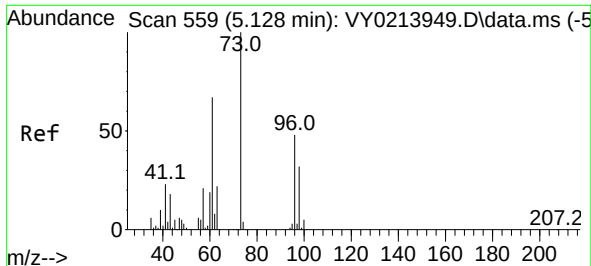
Tgt Ion: 73 Resp: 379662
Ion Ratio Lower Upper
73 100
57 21.0 17.9 26.9



#20
Methylene Chloride
Concen: 51.100 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 84 Resp: 150004
Ion Ratio Lower Upper
84 100
49 124.6 102.0 153.0
51 38.3 33.0 49.6
86 64.5 50.5 75.7

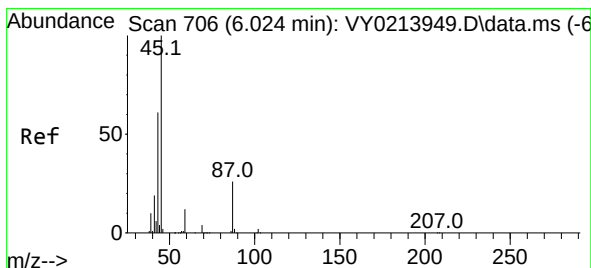
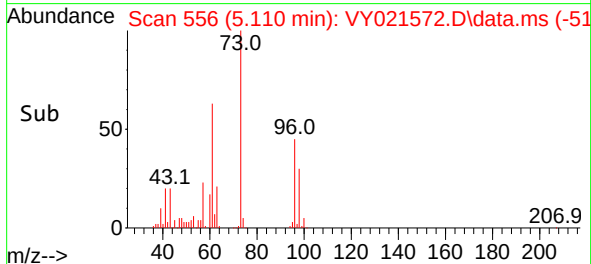
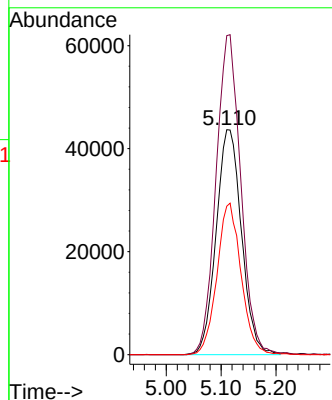
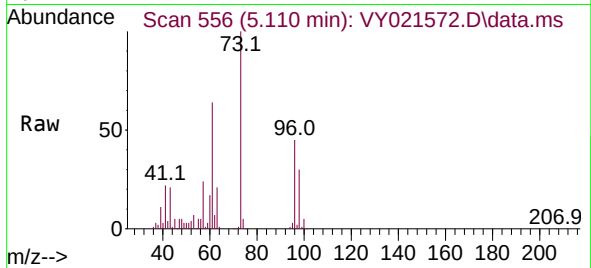




#21
trans-1,2-Dichloroethene
Concen: 50.364 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

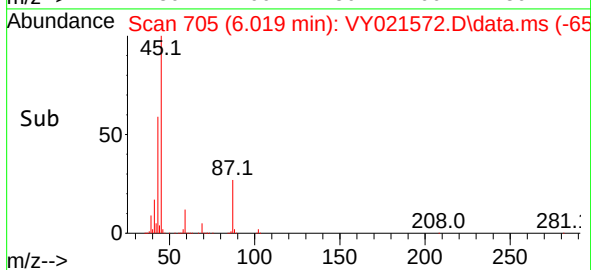
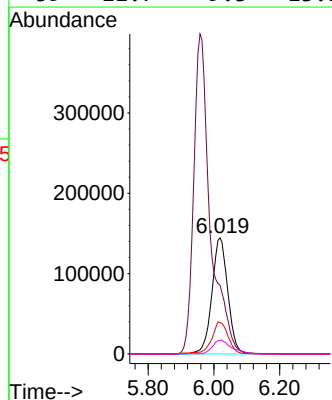
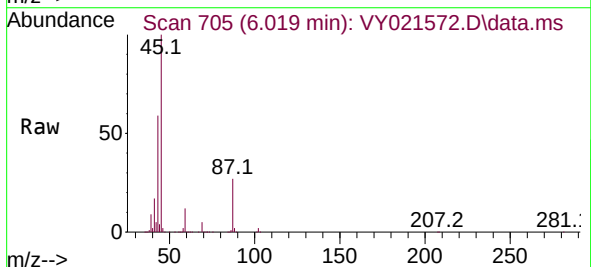
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

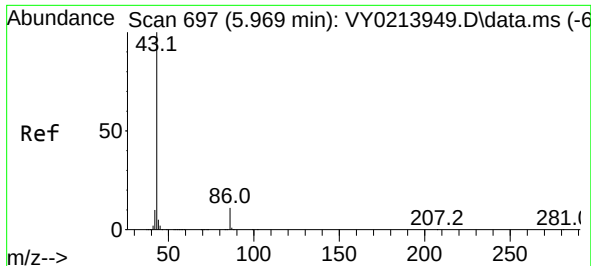
Tgt Ion: 96 Resp: 140551
Ion Ratio Lower Upper
96 100
61 141.8 111.5 167.3
98 66.0 53.8 80.8



#22
Diisopropyl ether
Concen: 55.850 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 45 Resp: 484697
Ion Ratio Lower Upper
45 100
43 59.1 48.7 73.1
87 27.0 21.5 32.3
59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 280.483 ug/l

RT: 5.958 min Scan# 61

Delta R.T. -0.012 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

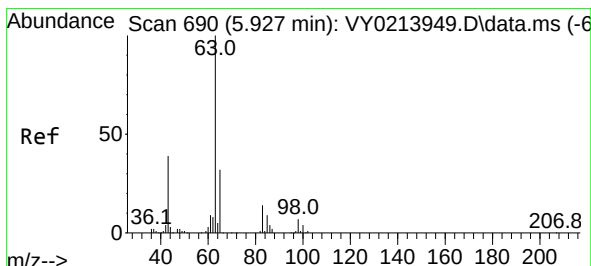
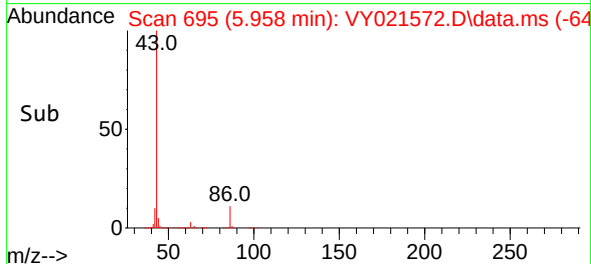
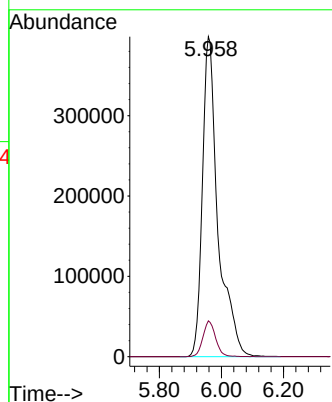
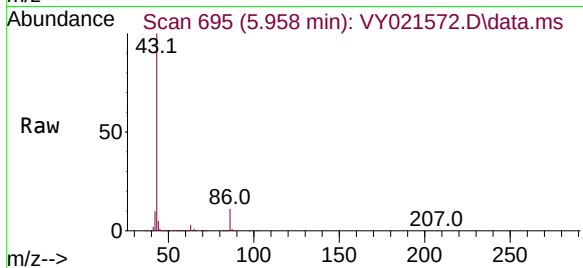
VSTDCCC050EC

Tgt Ion: 43 Resp: 1389202

Ion Ratio Lower Upper

43 100

86 11.2 8.5 12.7



#24

1,1-Dichloroethane

Concen: 52.877 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

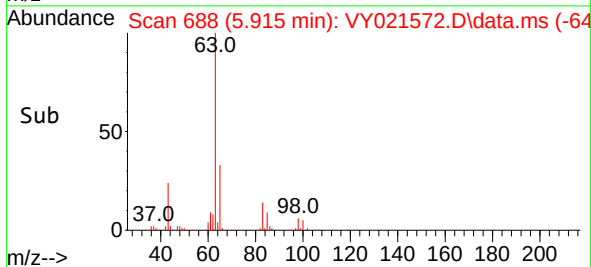
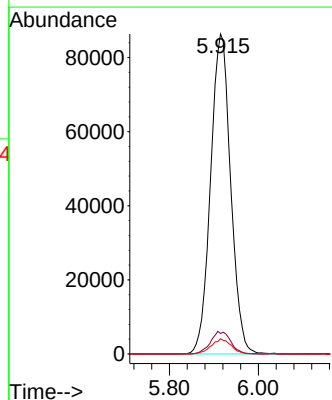
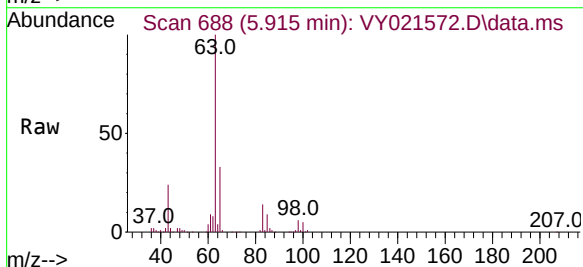
Tgt Ion: 63 Resp: 270839

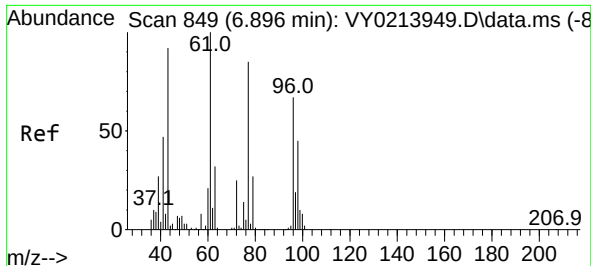
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 287.898 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

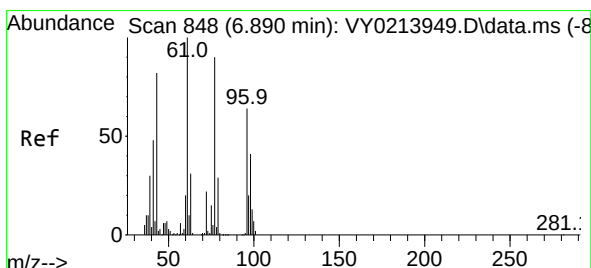
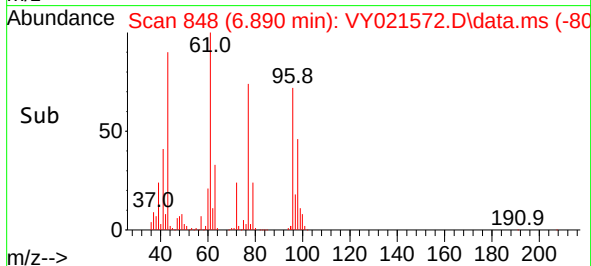
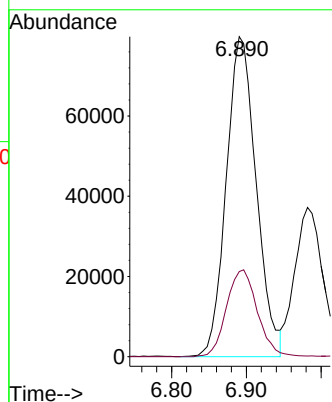
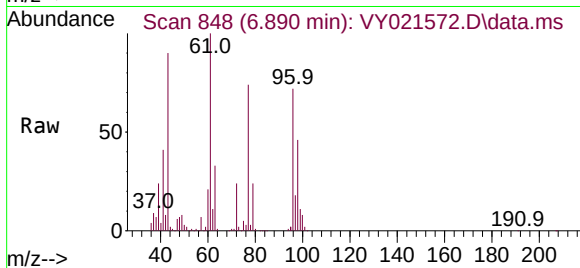
VSTDCCC050EC

Tgt Ion: 43 Resp: 222712

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 45.900 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021572.D

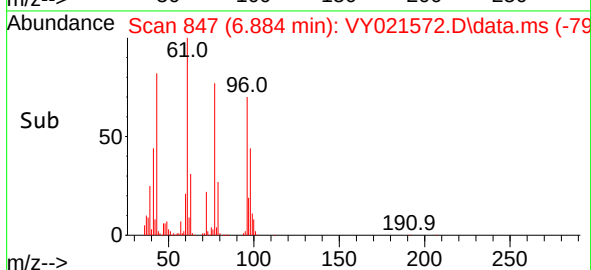
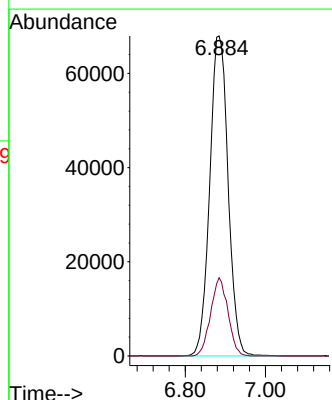
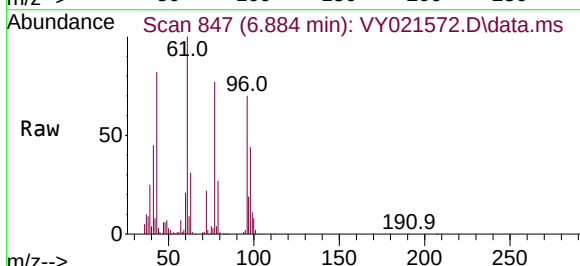
Acq: 19 Mar 2025 16:07

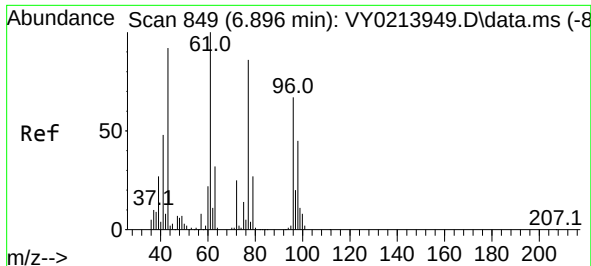
Tgt Ion: 77 Resp: 216320

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8

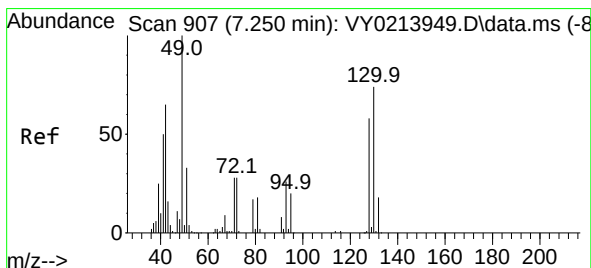
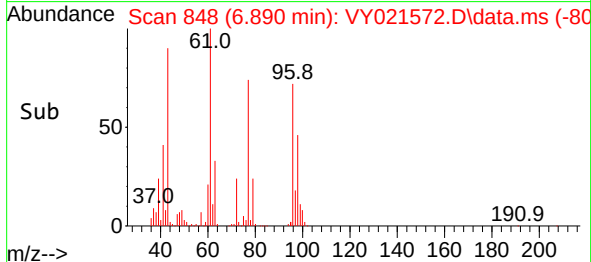
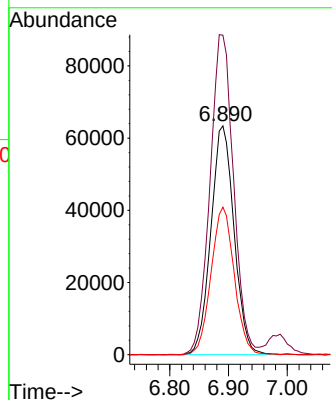
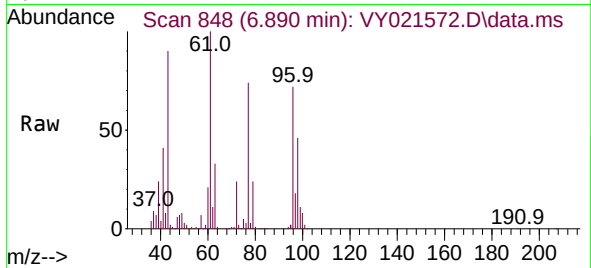




#27
 cis-1,2-Dichloroethene
 Concen: 54.903 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

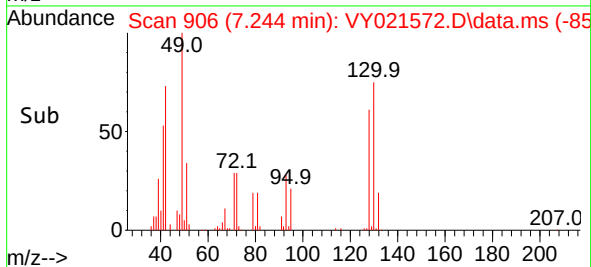
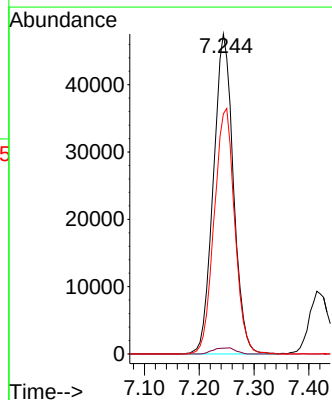
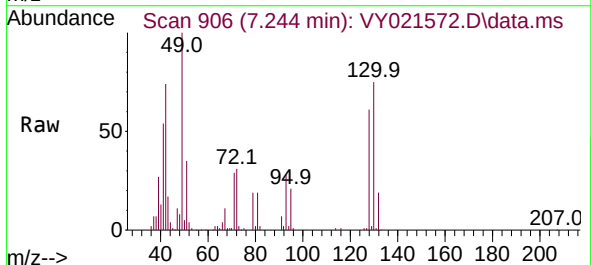
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

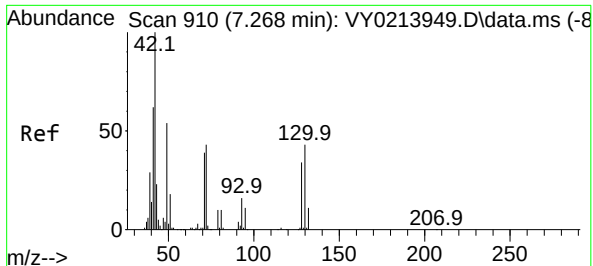
Tgt Ion: 96 Resp: 174061
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 300.8
 98 64.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 56.122 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion: 49 Resp: 120515
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 78.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 308.387 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

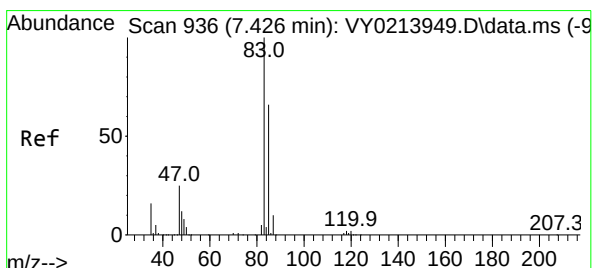
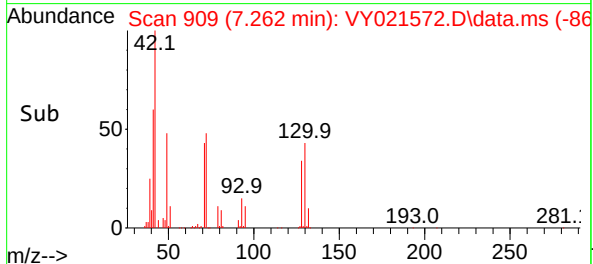
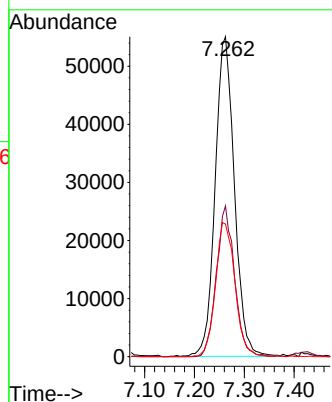
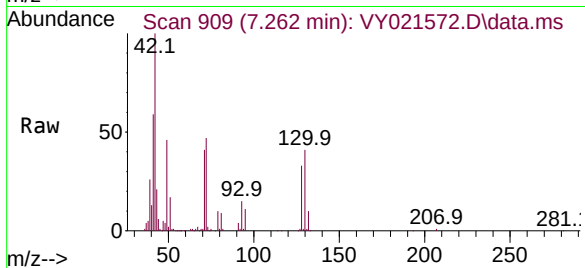
Tgt Ion: 42 Resp: 147276

Ion Ratio Lower Upper

42 100

72 44.6 34.8 52.2

71 42.5 32.6 48.8



#30

Chloroform

Concen: 54.264 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021572.D

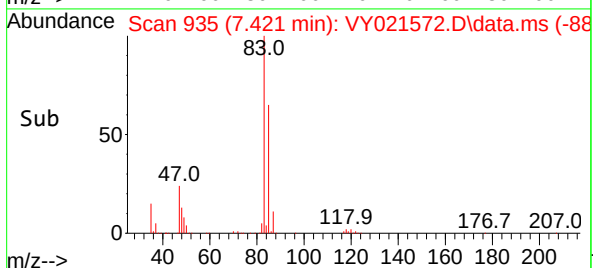
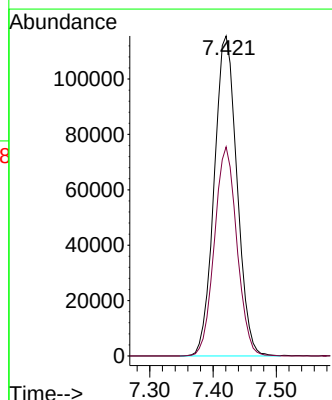
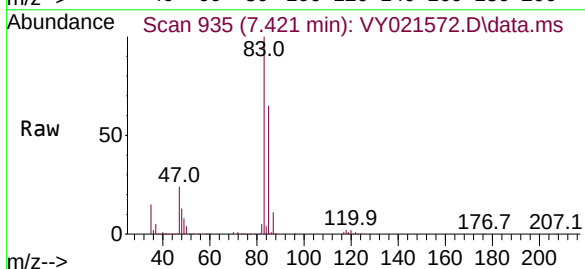
Acq: 19 Mar 2025 16:07

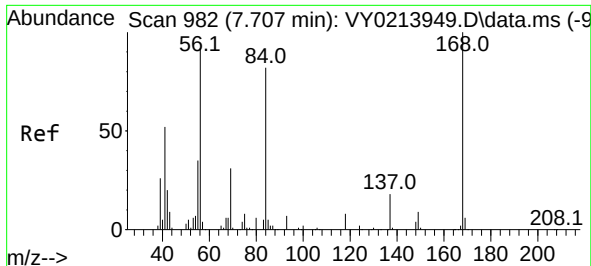
Tgt Ion: 83 Resp: 288618

Ion Ratio Lower Upper

83 100

85 65.3 53.1 79.7





#31

Cyclohexane

Concen: 44.412 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

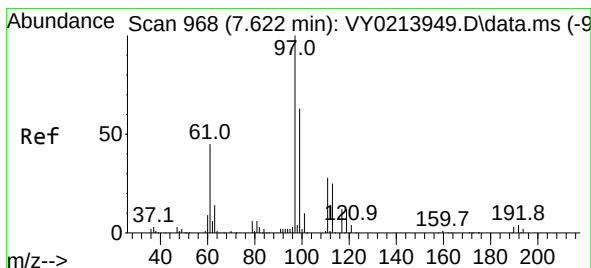
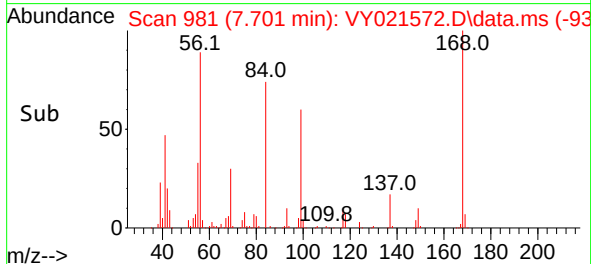
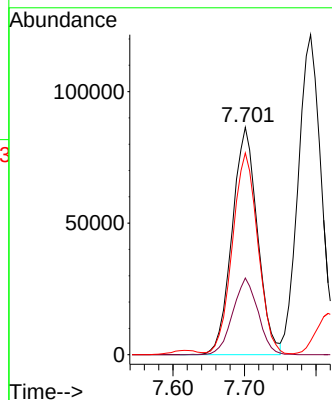
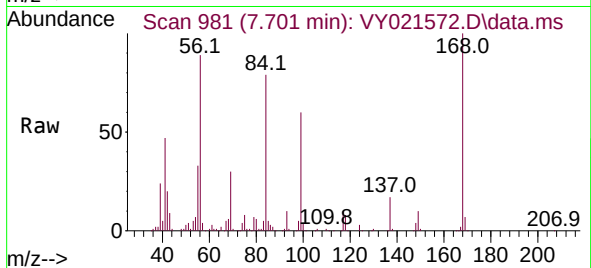
Tgt Ion: 56 Resp: 213264

Ion Ratio Lower Upper

56 100

69 33.7 27.0 40.4

84 87.0 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 50.855 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

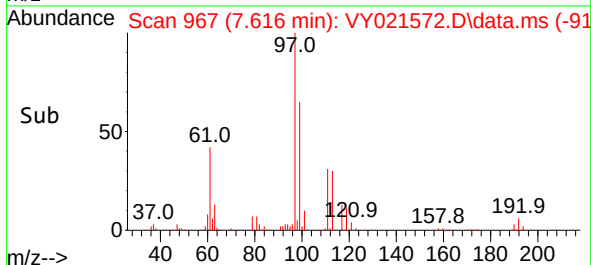
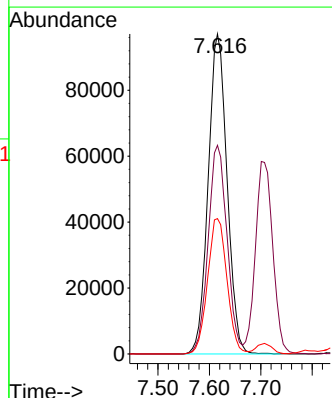
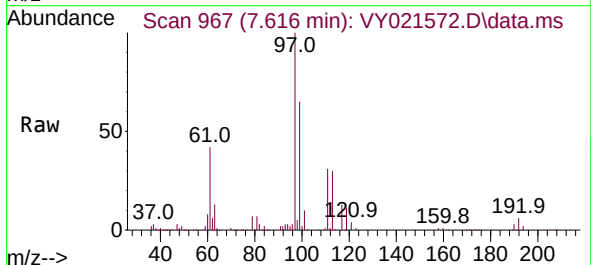
Tgt Ion: 97 Resp: 247662

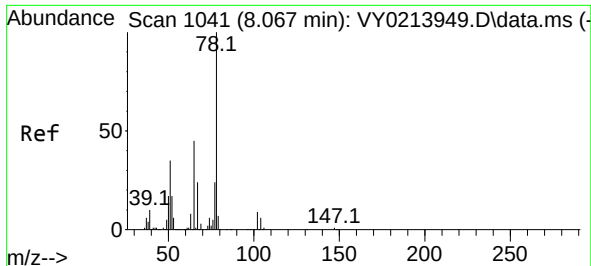
Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 43.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.144 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

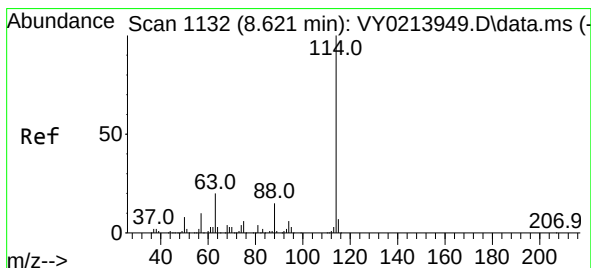
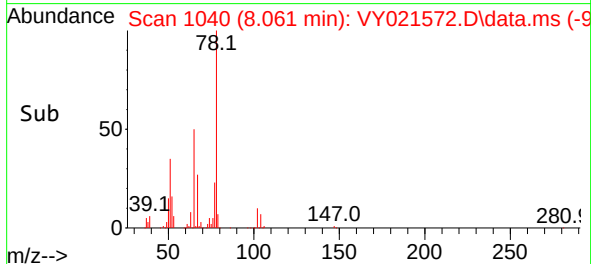
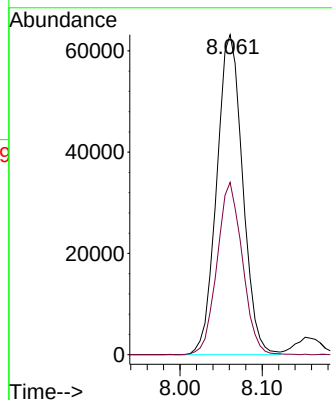
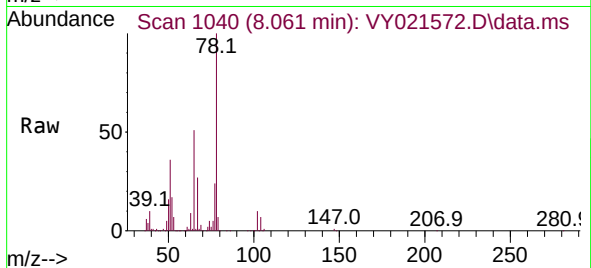
VSTDCCC050EC

Tgt Ion: 65 Resp: 138825

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

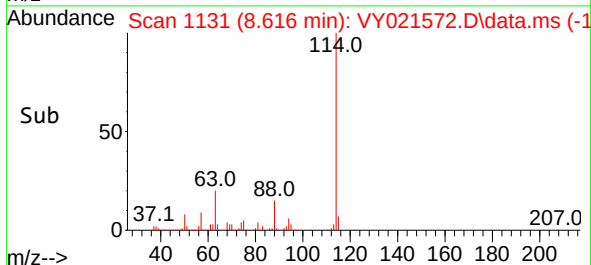
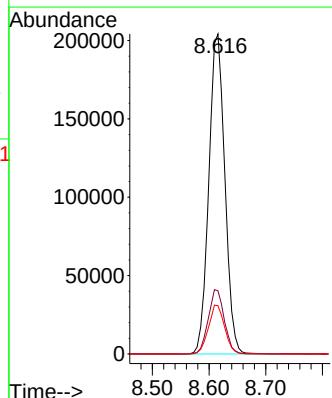
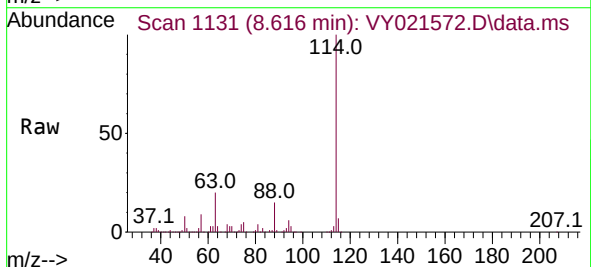
Tgt Ion: 114 Resp: 401233

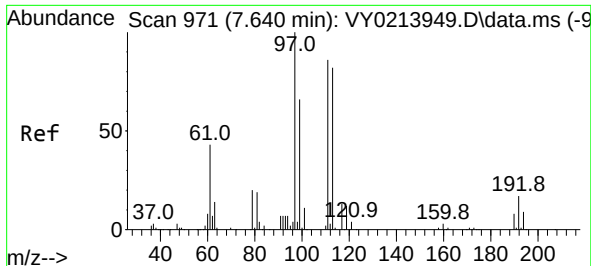
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.875 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

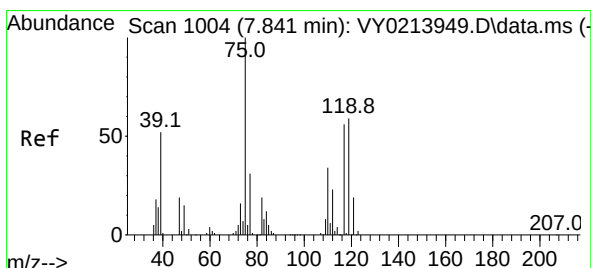
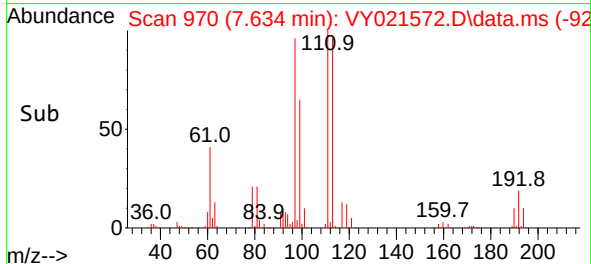
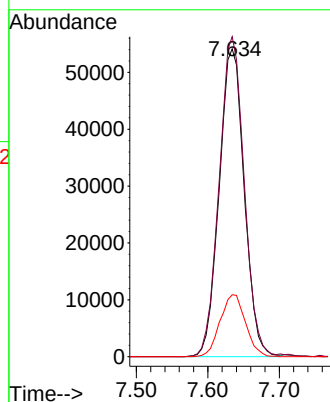
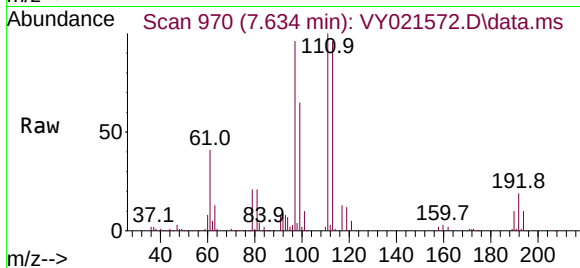
Tgt Ion:113 Resp: 131538

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

192 20.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 45.586 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

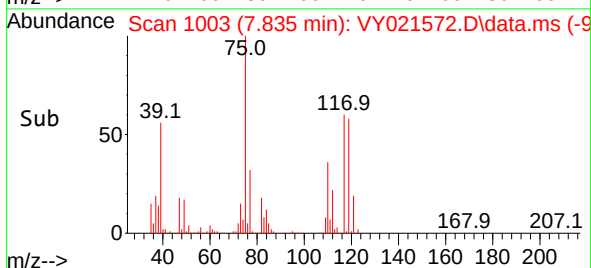
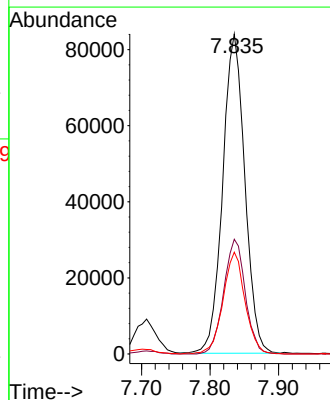
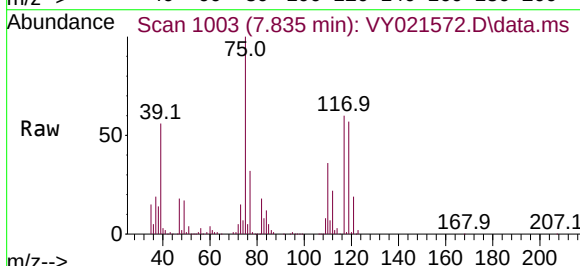
Tgt Ion: 75 Resp: 188194

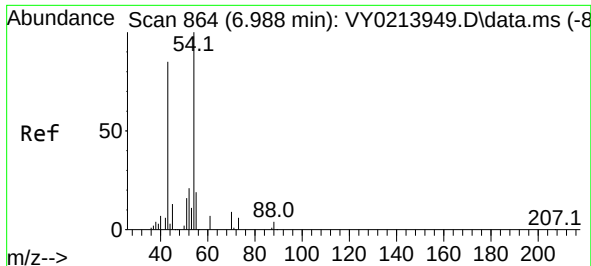
Ion Ratio Lower Upper

75 100

110 35.1 17.3 51.7

77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 54.866 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

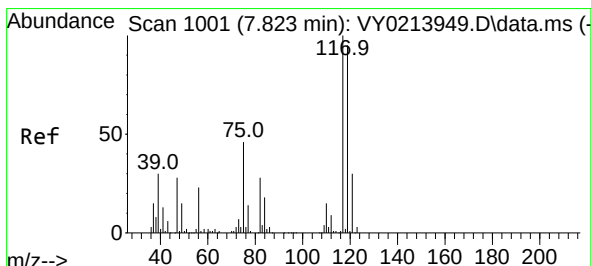
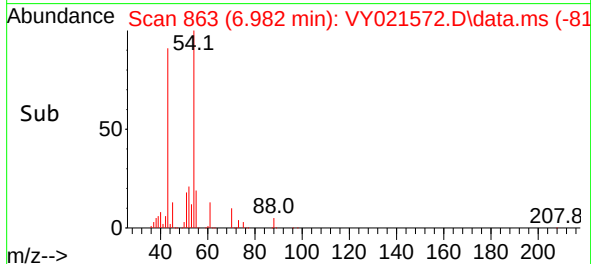
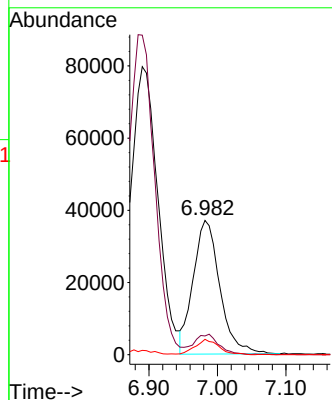
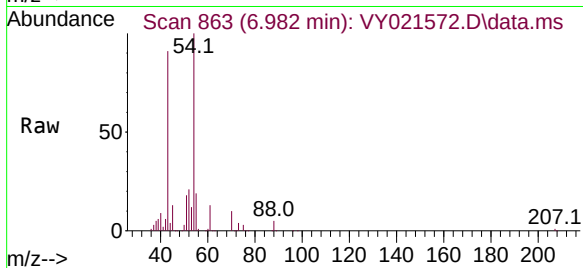
Tgt Ion: 43 Resp: 100111

Ion Ratio Lower Upper

43 100

61 13.7 11.4 17.0

70 10.2 8.2 12.2



#38

Carbon Tetrachloride

Concen: 46.483 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

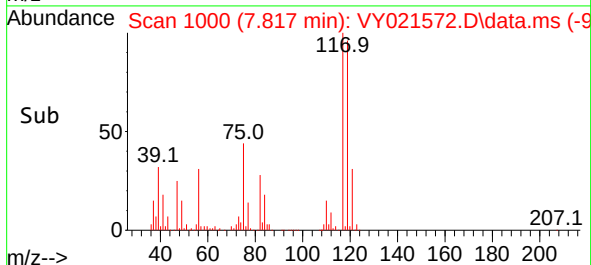
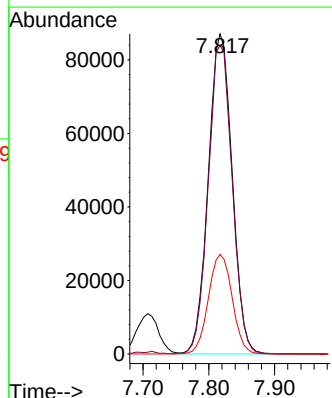
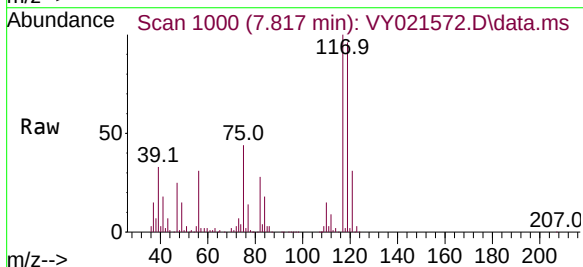
Tgt Ion: 117 Resp: 220697

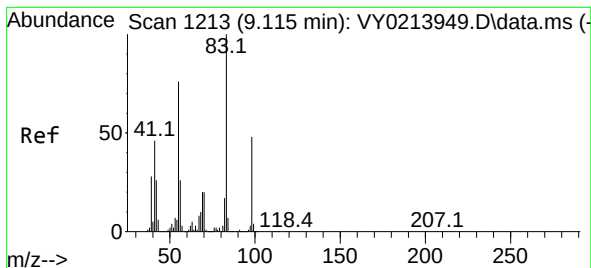
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

121 31.1 23.9 35.9

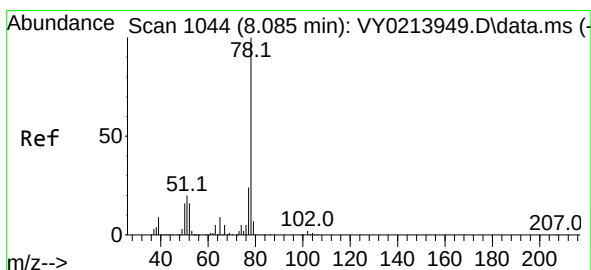
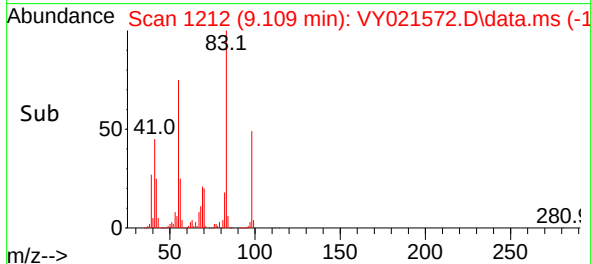
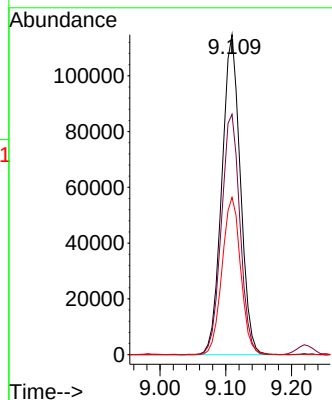
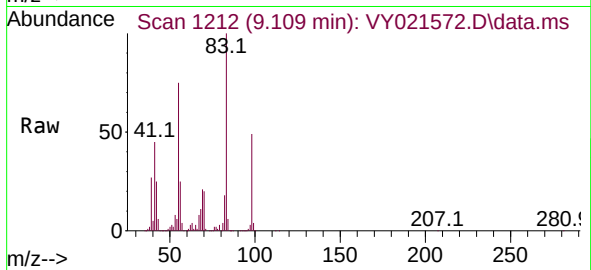




#39
Methylcyclohexane
Concen: 44.340 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

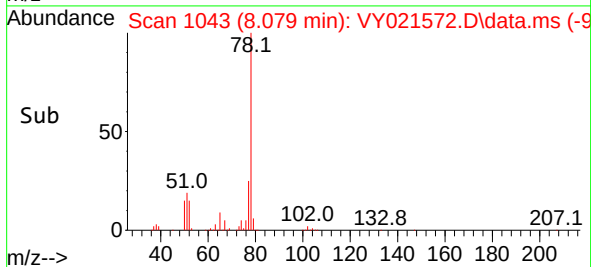
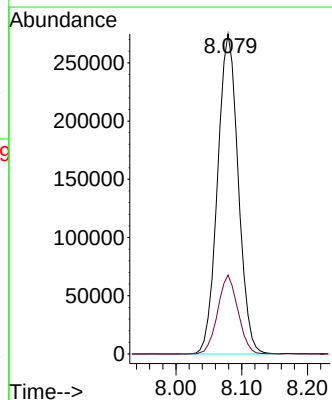
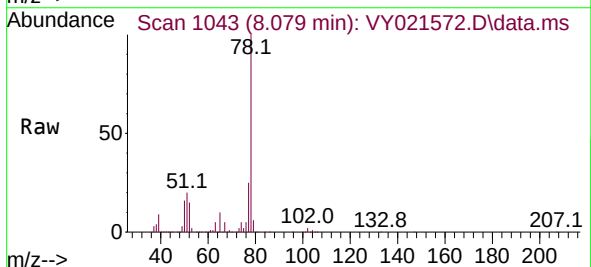
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

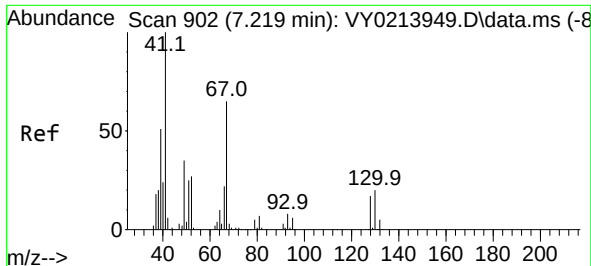
Tgt Ion: 83 Resp: 224533
Ion Ratio Lower Upper
83 100
55 75.1 60.7 91.1
98 49.1 38.6 57.8



#40
Benzene
Concen: 49.448 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 78 Resp: 601344
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4

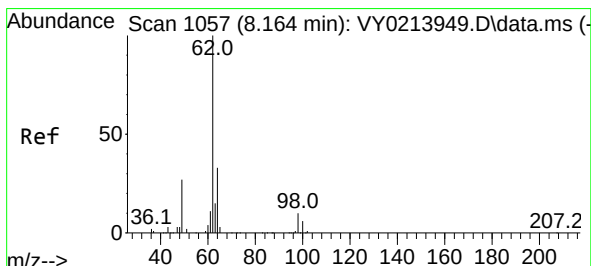
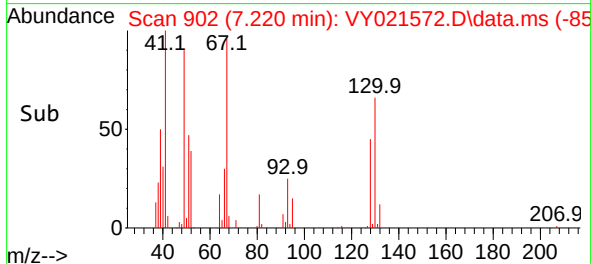
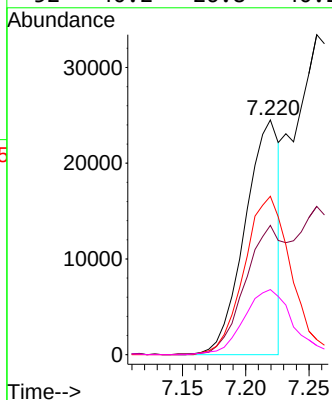
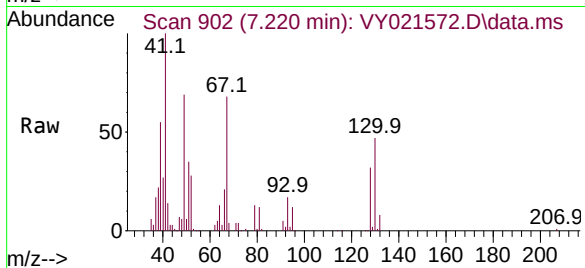




#41
Methacrylonitrile
Concen: 46.461 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

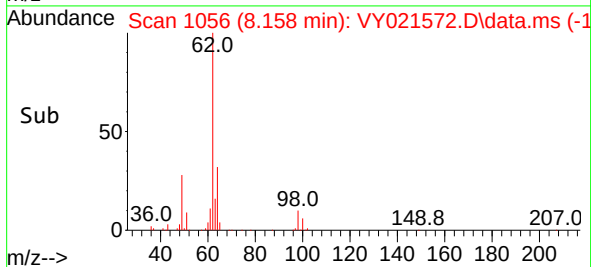
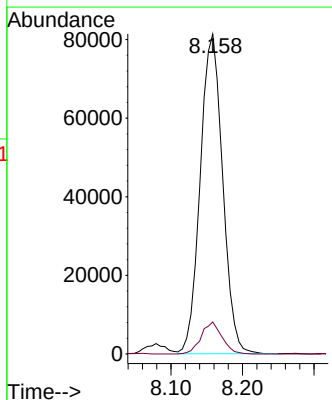
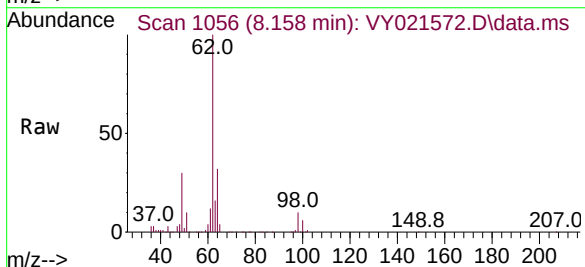
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

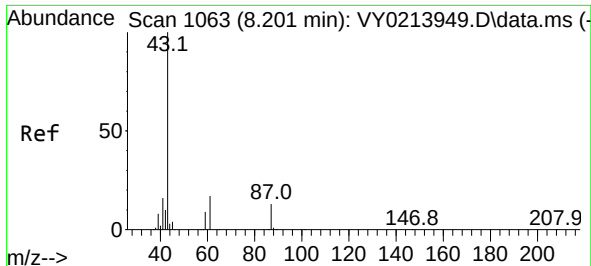
Tgt Ion:	41	Resp:	46160
Ion	Ratio	Lower	Upper
41	100		
39	64.4	35.0	52.6#
67	93.1	61.2	91.8#
52	40.2	26.8	40.2



#42
1,2-Dichloroethane
Concen: 52.072 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:	62	Resp:	177154
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

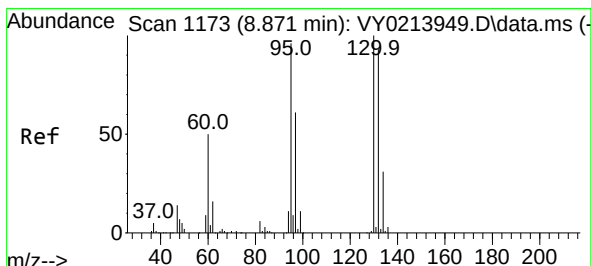
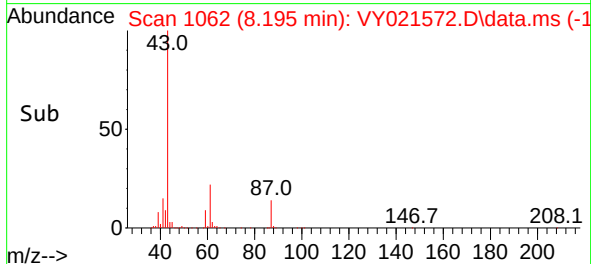
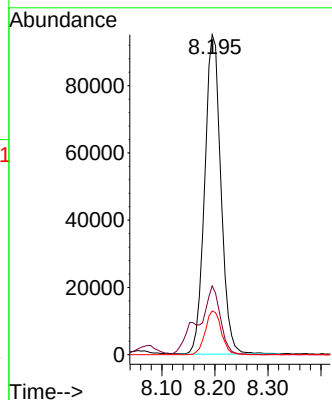
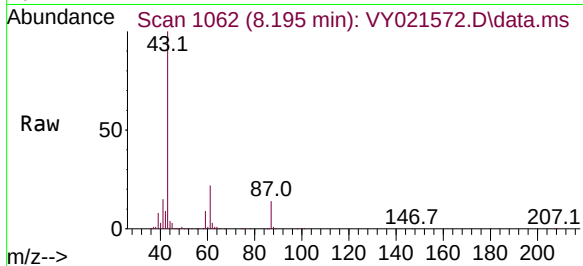




#43
Isopropyl Acetate
Concen: 56.994 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

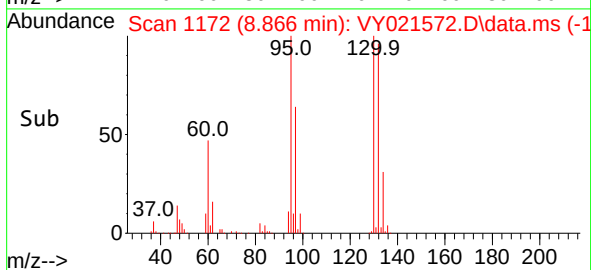
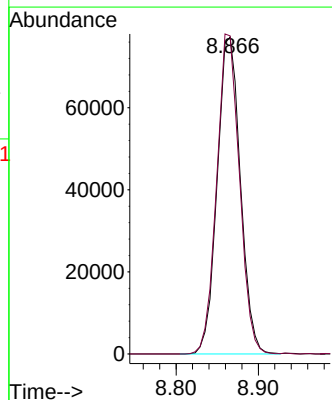
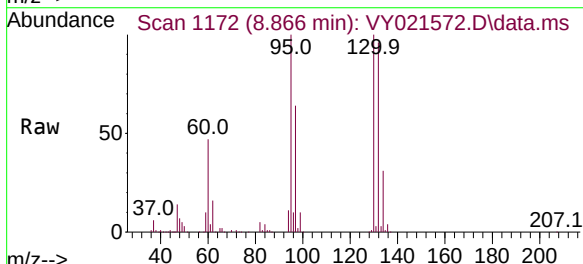
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

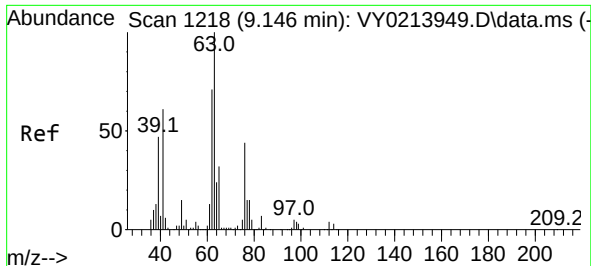
Tgt Ion: 43 Resp: 201879
Ion Ratio Lower Upper
43 100
61 20.1 23.4 35.0#
87 13.5 10.5 15.7



#44
Trichloroethene
Concen: 49.277 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:130 Resp: 151433
Ion Ratio Lower Upper
130 100
95 100.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 51.353 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

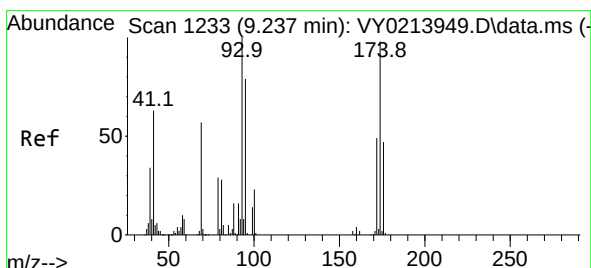
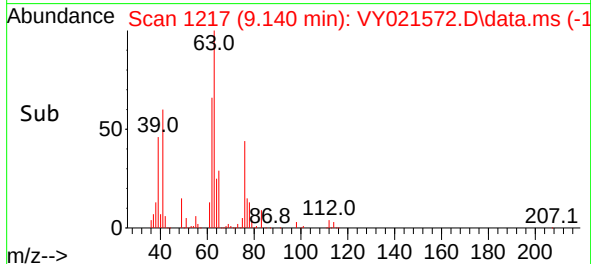
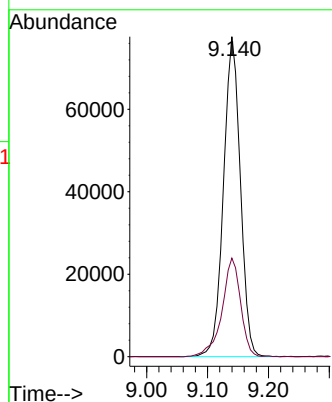
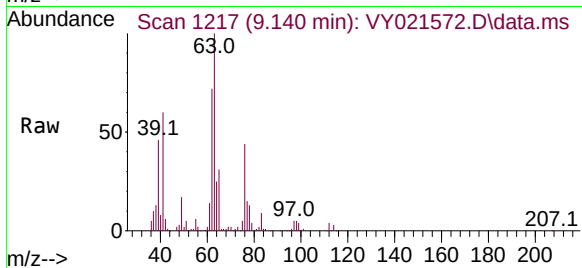
VSTDCCC050EC

Tgt Ion: 63 Resp: 148633

Ion Ratio Lower Upper

63 100

65 30.8 26.0 39.0



#46

Dibromomethane

Concen: 53.859 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

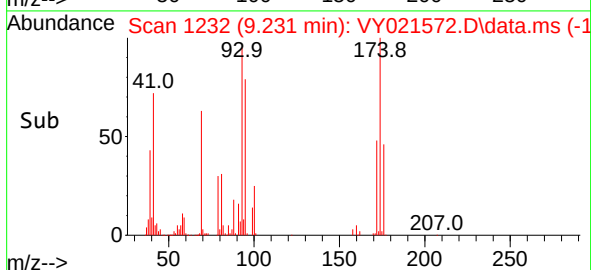
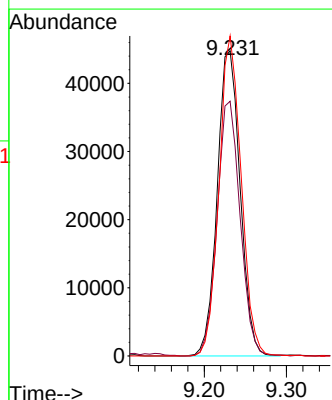
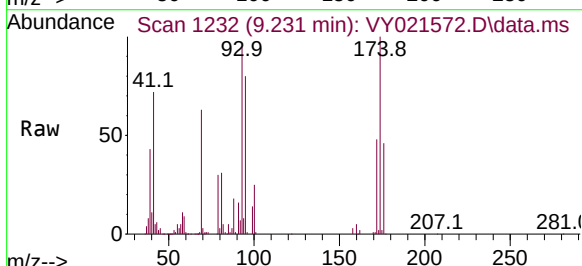
Tgt Ion: 93 Resp: 86737

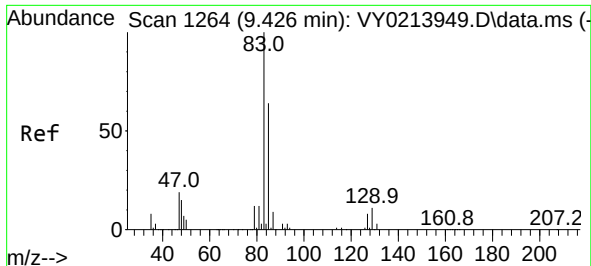
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 101.6 77.9 116.9

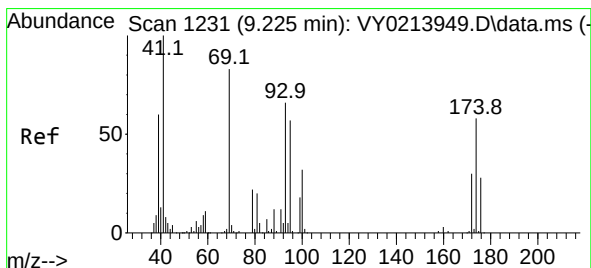
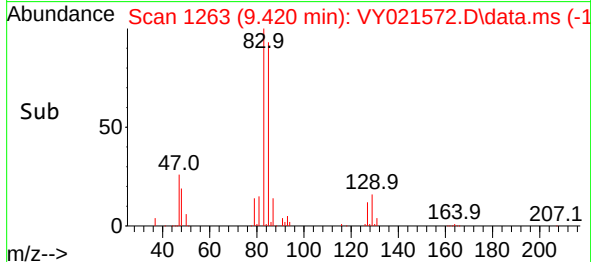
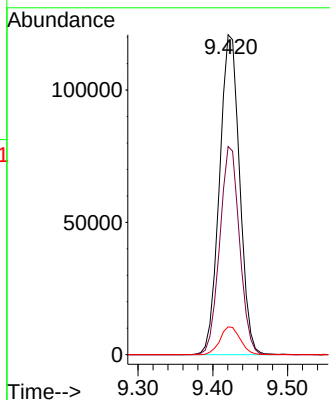
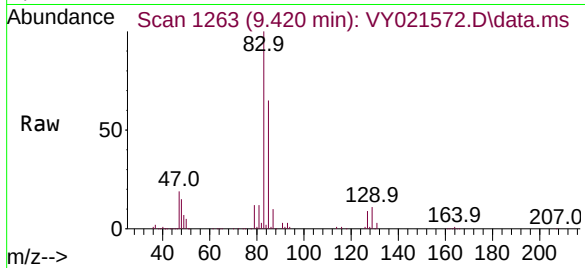




#47
Bromodichloromethane
Concen: 53.041 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

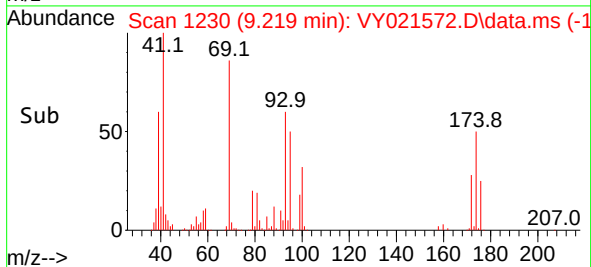
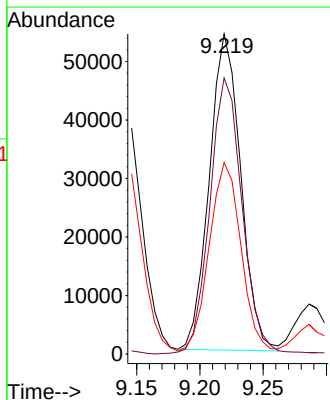
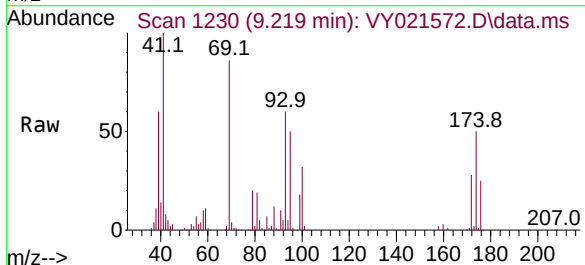
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

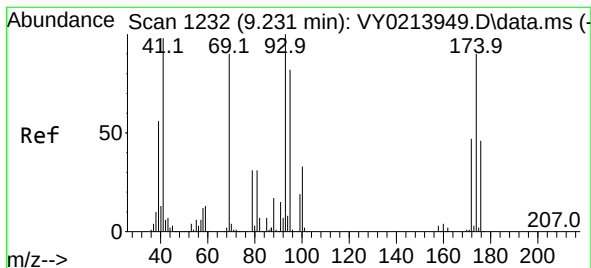
Tgt Ion: 83 Resp: 226846
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 57.355 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 41 Resp: 93289
Ion Ratio Lower Upper
41 100
69 90.5 67.8 101.8
39 60.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1263.239 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

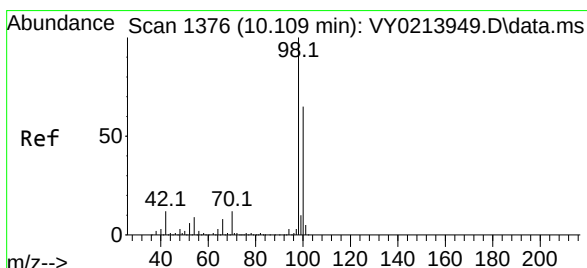
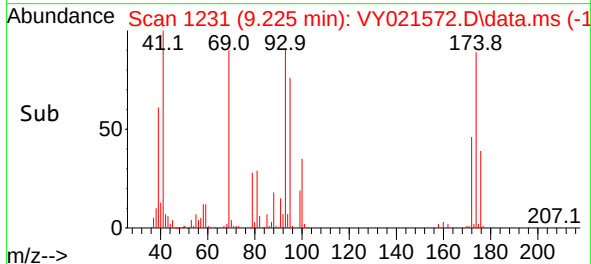
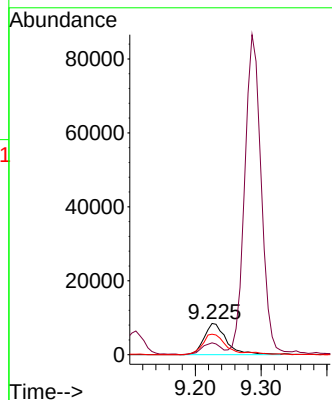
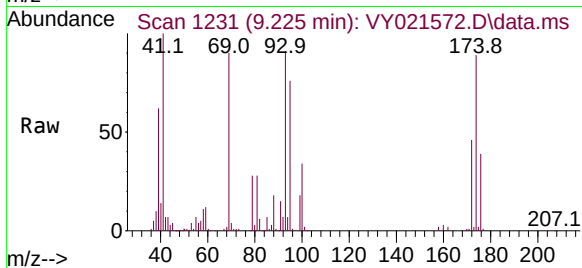
Tgt Ion: 88 Resp: 19968

Ion Ratio Lower Upper

88 100

43 31.6 25.0 37.4

58 65.8 58.4 87.6



#50

Toluene-d8

Concen: 47.826 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021572.D

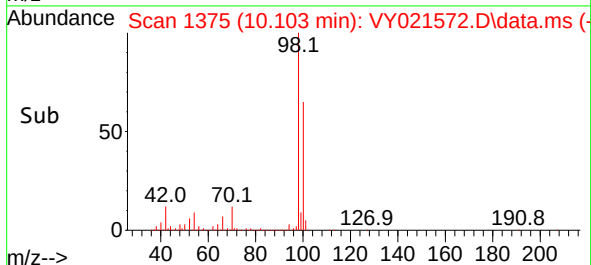
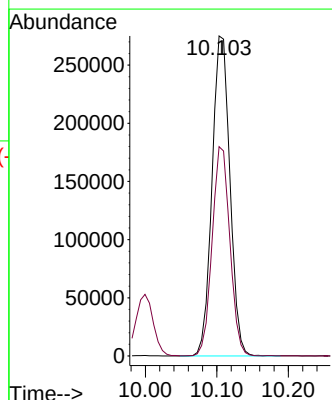
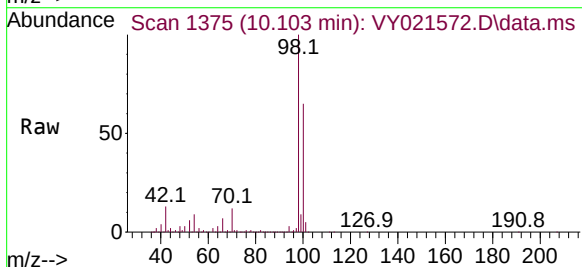
Acq: 19 Mar 2025 16:07

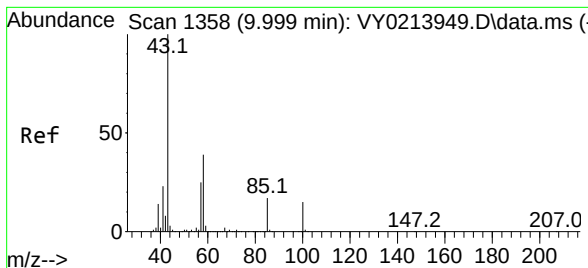
Tgt Ion: 98 Resp: 477588

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

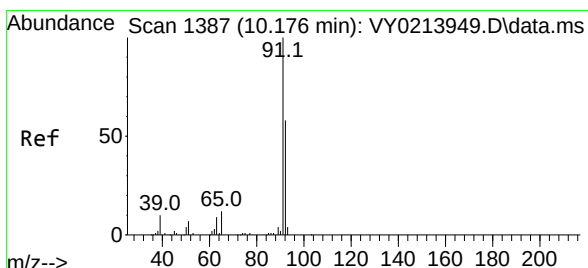
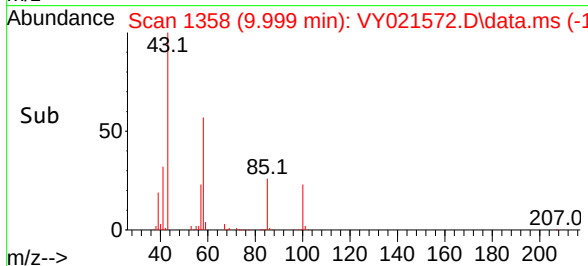
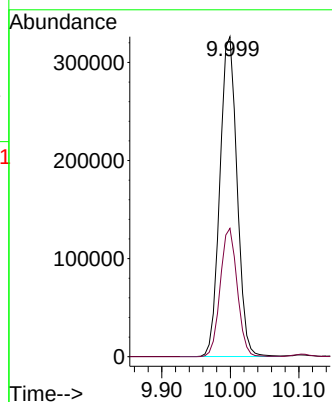
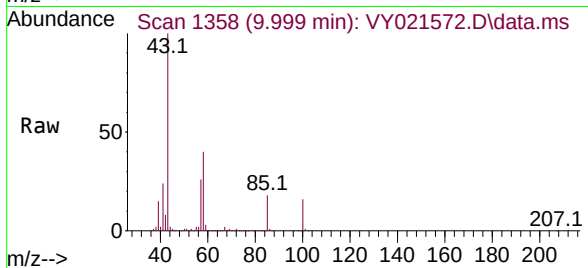




#51
4-Methyl-2-Pentanone
Concen: 309.722 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

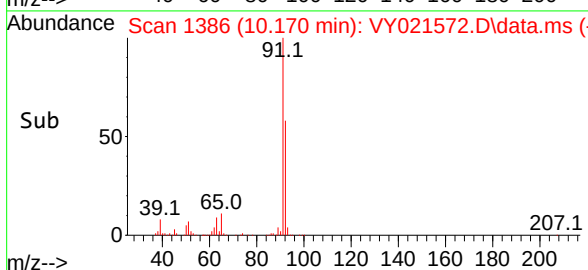
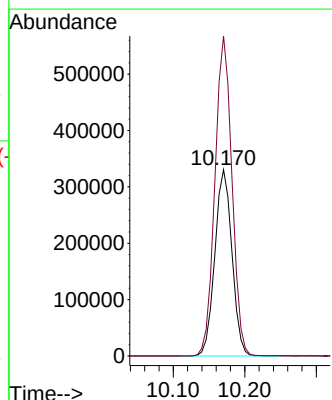
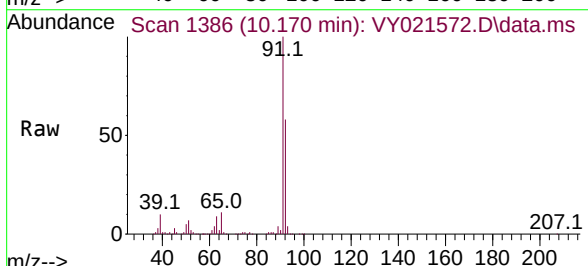
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

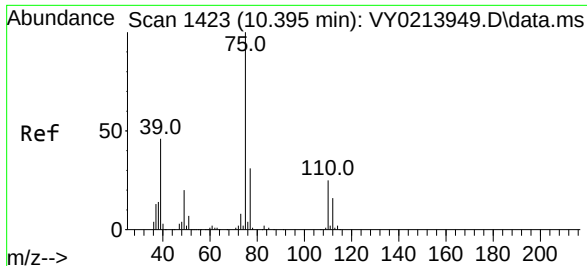
Tgt Ion: 43 Resp: 566053
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.2



#52
Toluene
Concen: 71.588 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 92 Resp: 548868
Ion Ratio Lower Upper
92 100
91 170.8 138.2 207.2

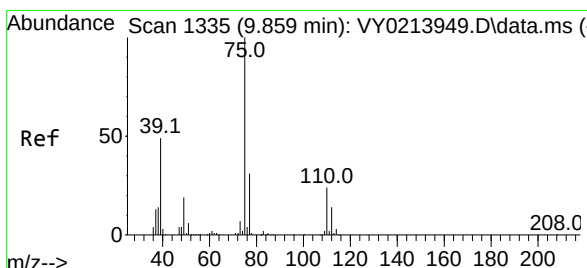
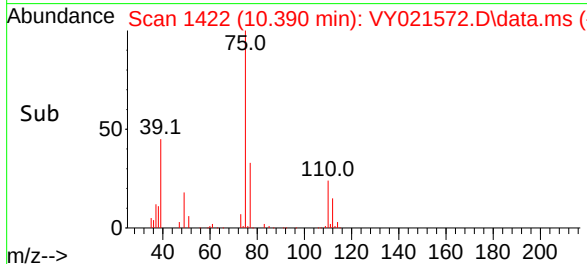
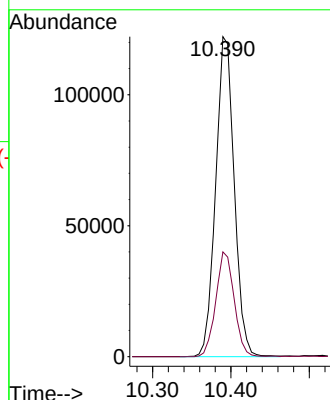
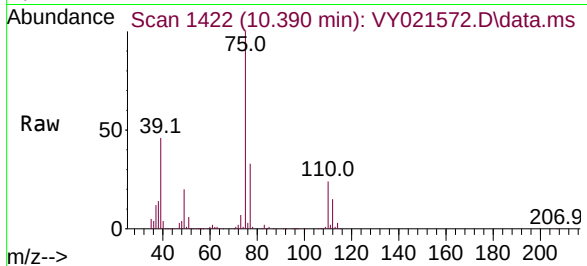




#53
 t-1,3-Dichloropropene
 Concen: 53.456 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

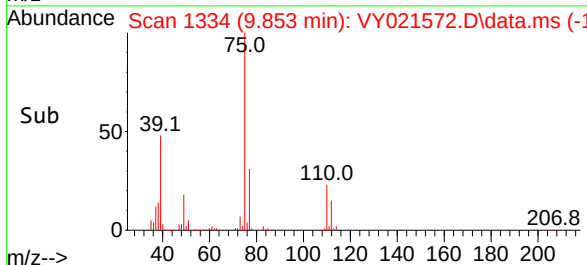
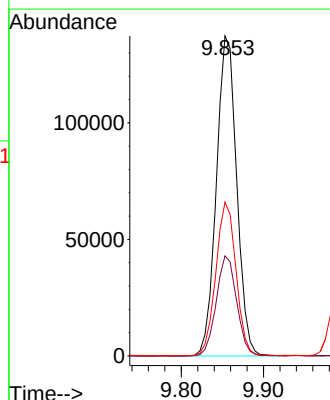
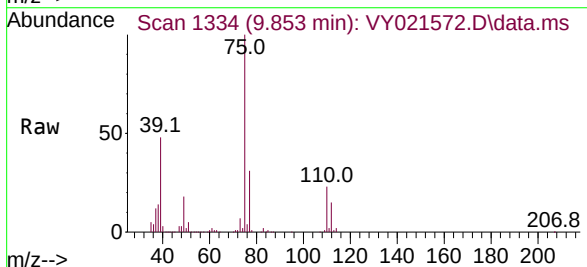
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

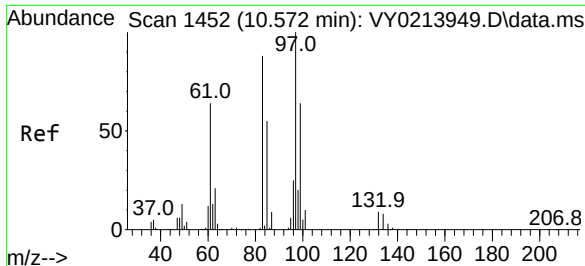
Tgt Ion: 75 Resp: 201419
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.725 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion: 75 Resp: 235870
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0
 39 48.0 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 55.566 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 117057

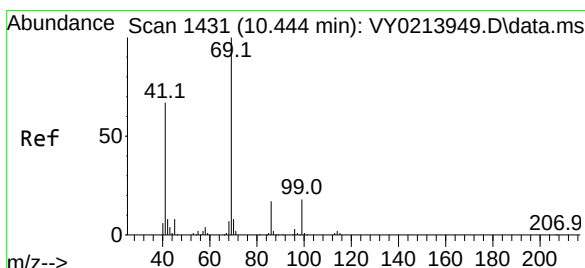
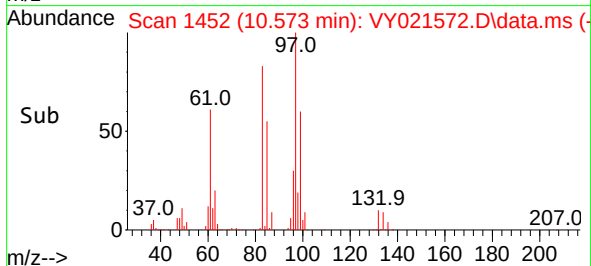
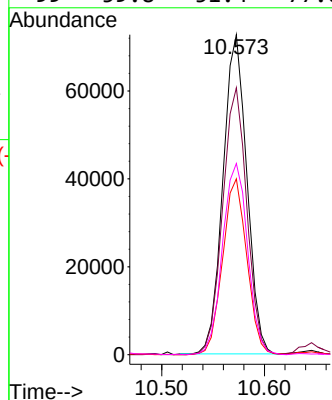
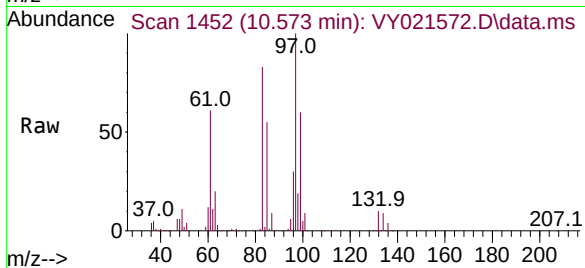
Ion Ratio Lower Upper

97 100

83 83.6 70.0 105.0

85 55.1 44.3 66.5

99 59.8 51.4 77.0



#56

Ethyl methacrylate

Concen: 61.089 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

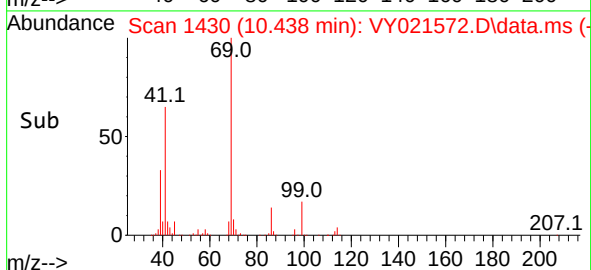
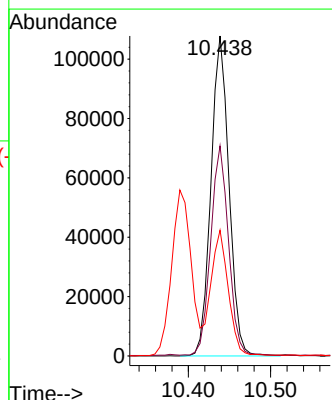
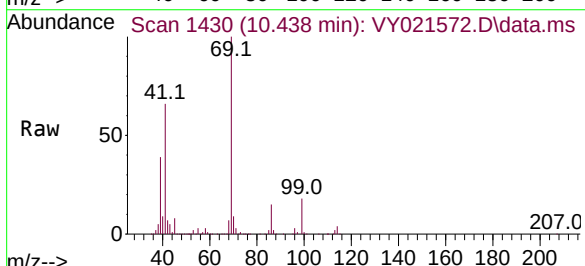
Tgt Ion: 69 Resp: 164126

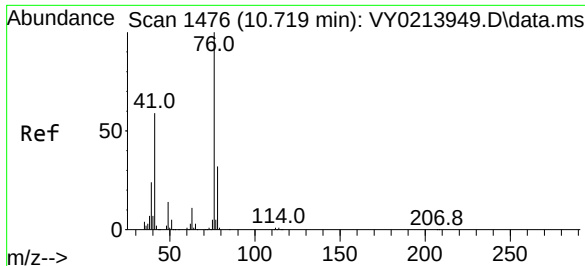
Ion Ratio Lower Upper

69 100

41 65.0 53.3 79.9

39 38.0 31.0 46.6





#57

1,3-Dichloropropane

Concen: 55.402 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

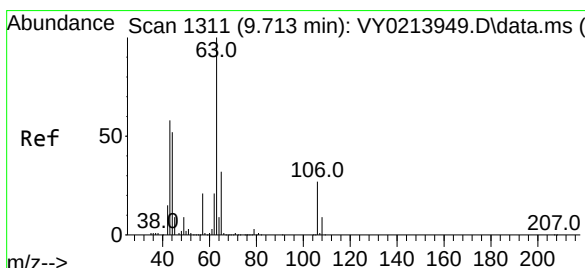
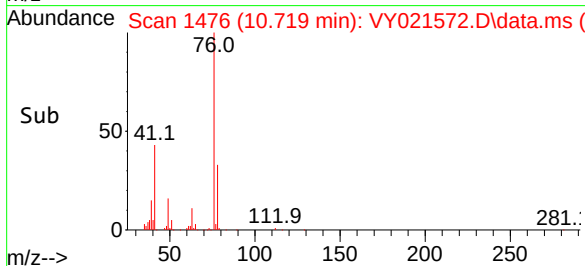
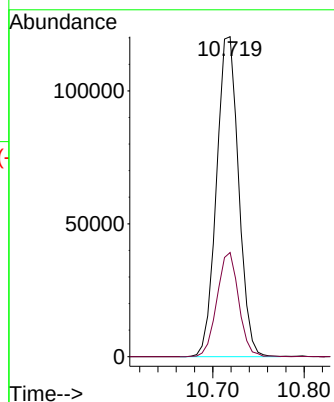
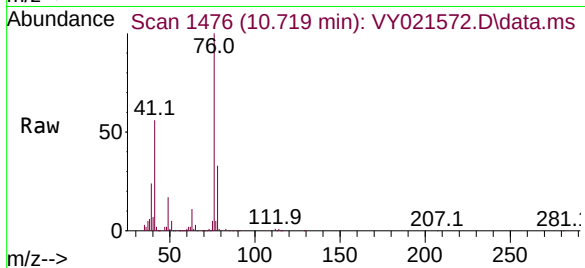
VSTDCCC050EC

Tgt Ion: 76 Resp: 202280

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 283.737 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021572.D

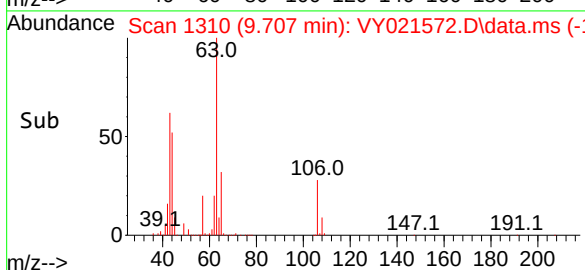
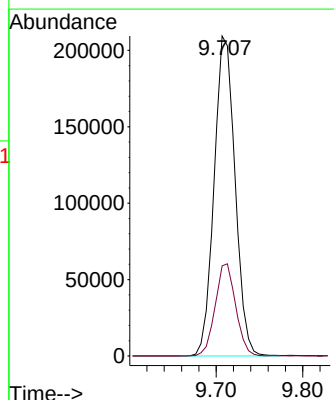
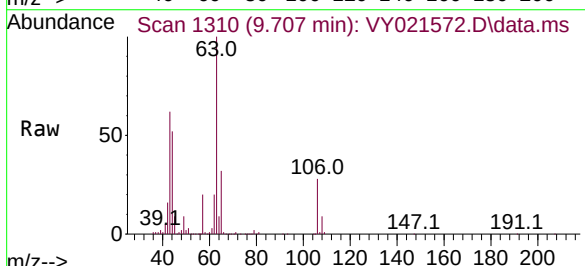
Acq: 19 Mar 2025 16:07

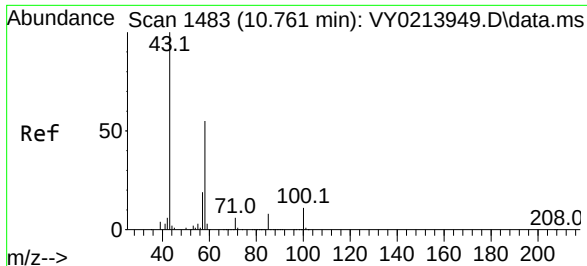
Tgt Ion: 63 Resp: 351901

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1





#59

2-Hexanone

Concen: 301.253 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

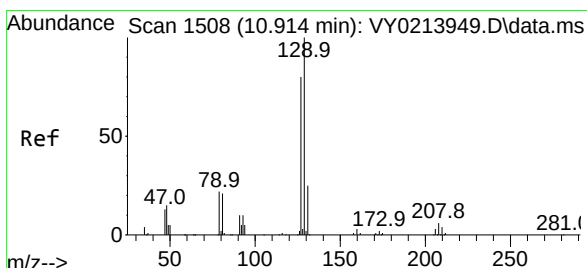
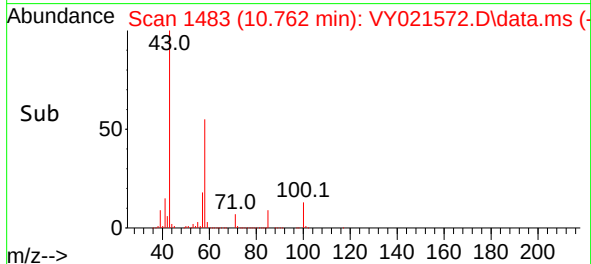
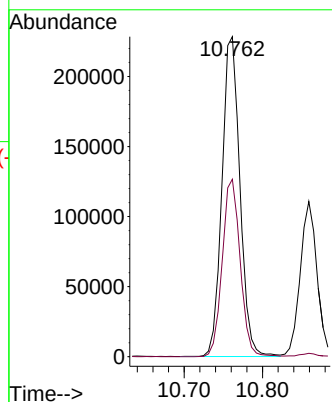
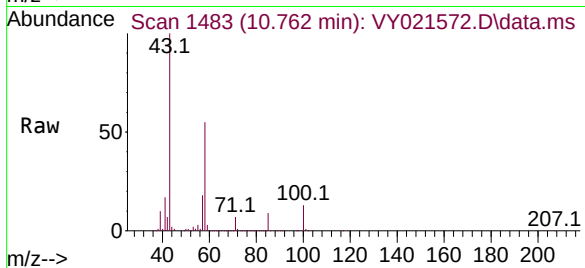
VSTDCCC050EC

Tgt Ion: 43 Resp: 364054

Ion Ratio Lower Upper

43 100

58 55.4 27.3 81.8



#60

Dibromochloromethane

Concen: 55.564 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021572.D

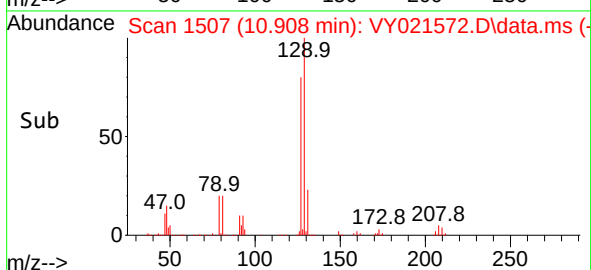
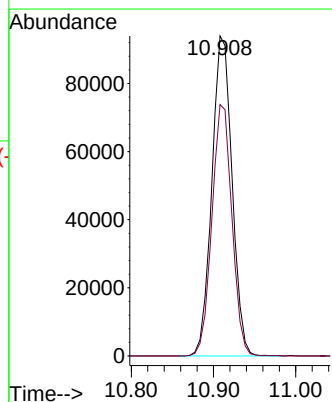
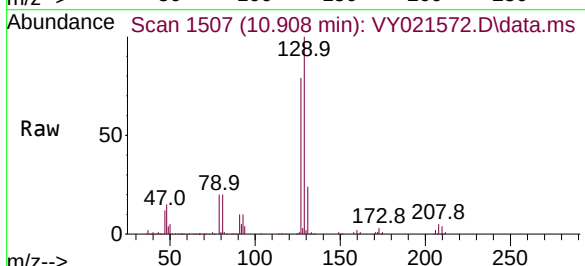
Acq: 19 Mar 2025 16:07

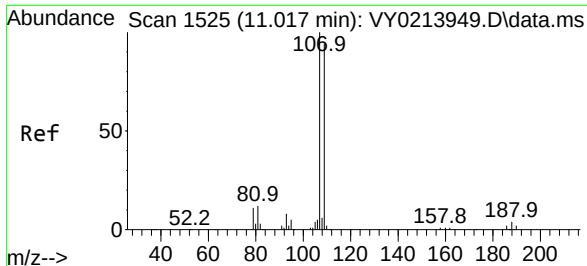
Tgt Ion: 129 Resp: 160470

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.3

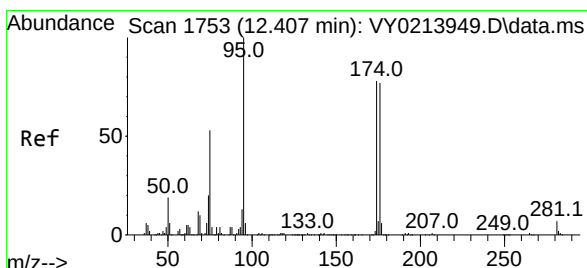
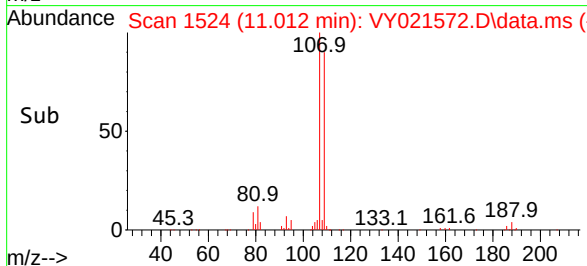
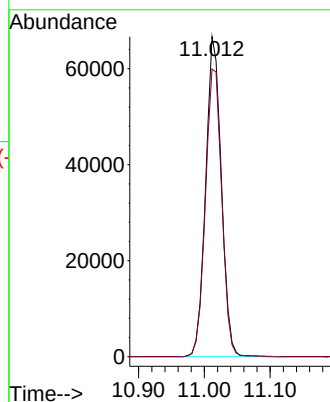
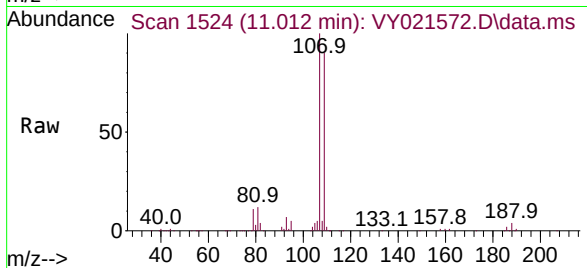




#61
1,2-Dibromoethane
Concen: 55.675 ug/l
RT: 11.012 min Scan# 110693
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

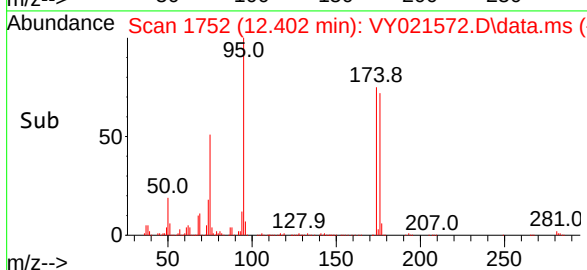
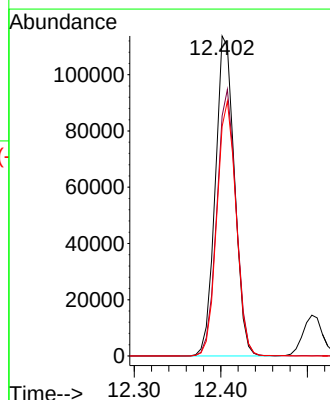
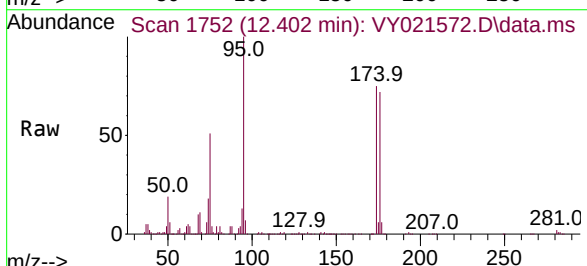
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

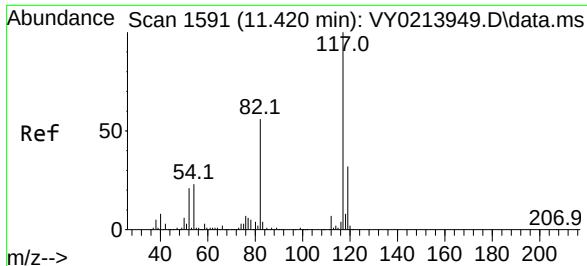
Tgt Ion:107 Resp: 110693
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.623 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 95 Resp: 175354
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.0
176 79.6 0.0 160.0

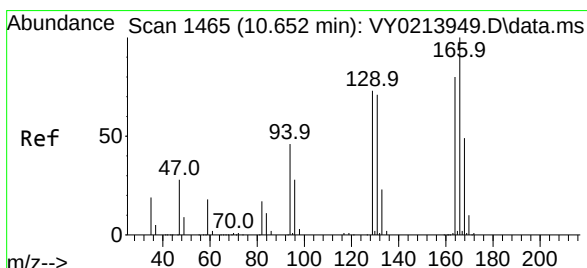
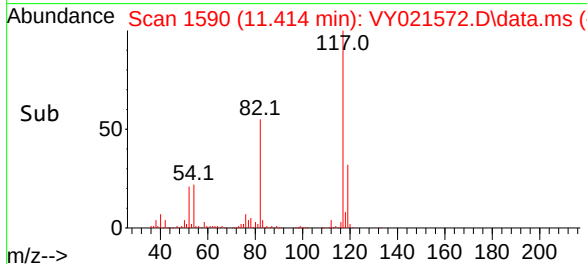
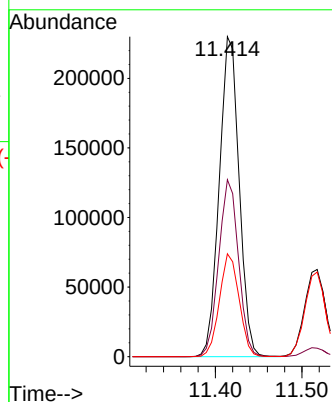
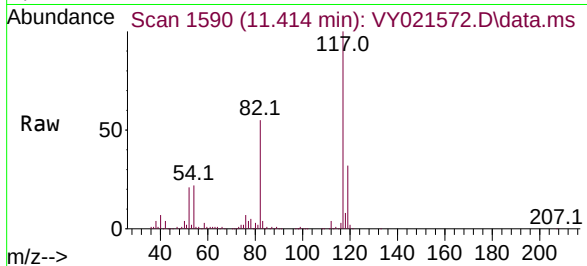




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

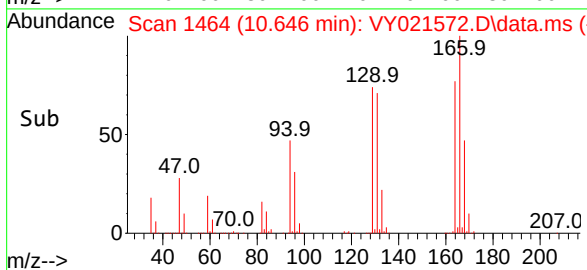
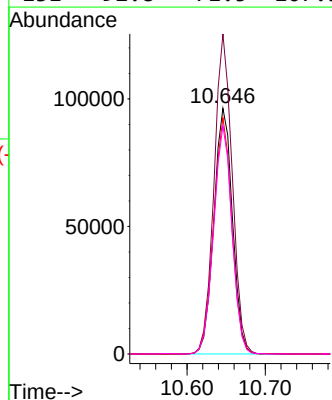
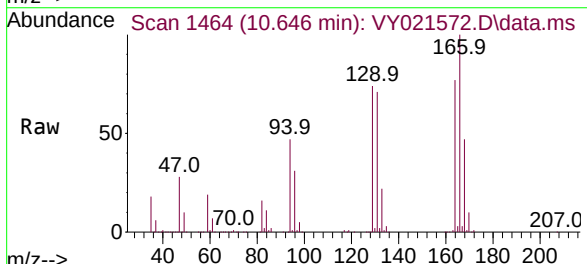
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

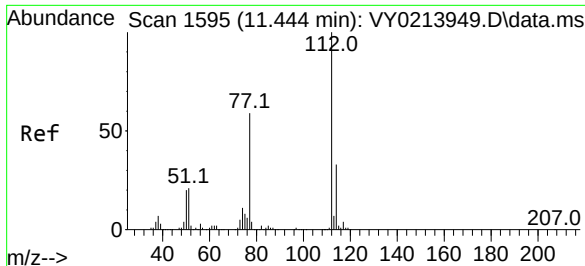
Tgt Ion:117 Resp: 366701
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 53.352 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:164 Resp: 159089
Ion Ratio Lower Upper
164 100
166 130.2 100.4 150.6
129 96.1 73.8 110.8
131 92.8 71.5 107.3

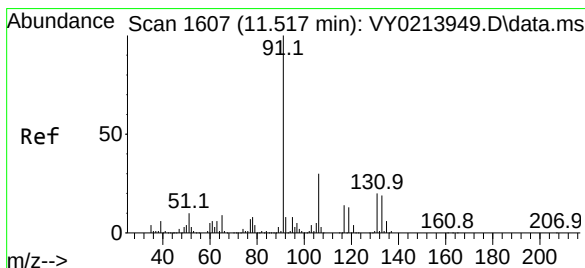
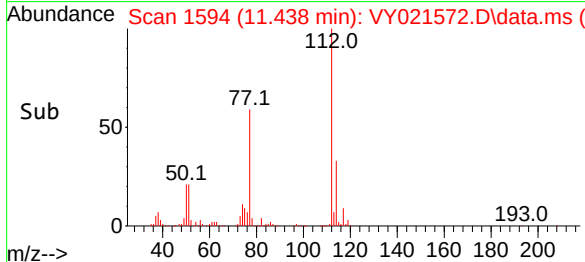
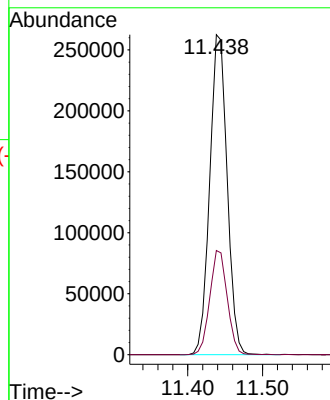
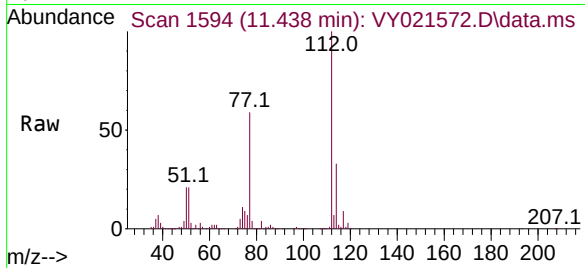




#65
Chlorobenzene
Concen: 49.118 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

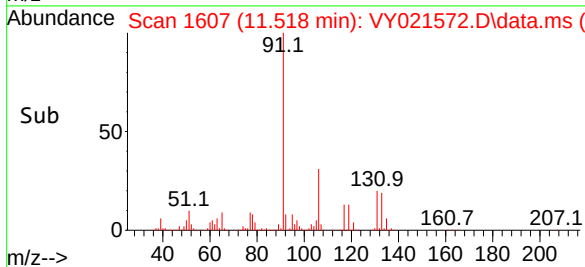
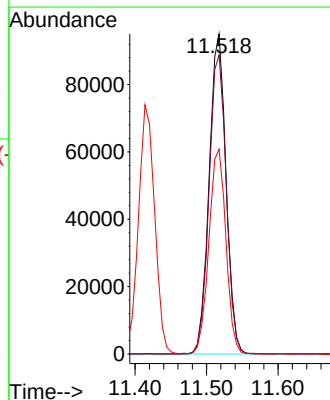
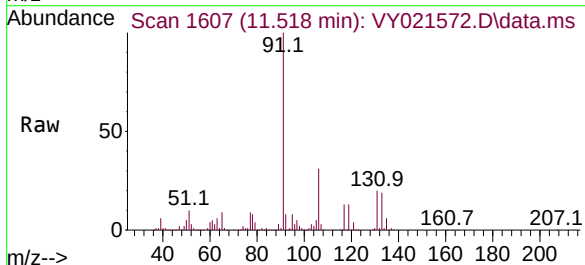
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

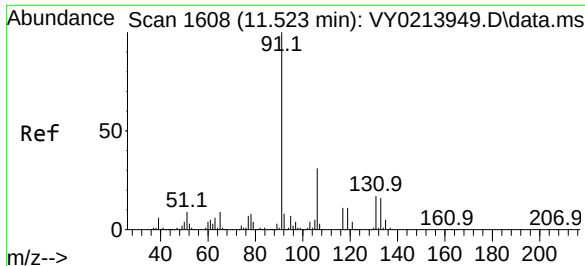
Tgt Ion:112 Resp: 425334
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.865 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:131 Resp: 155726
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 64.5 32.3 96.9





#67

Ethyl Benzene

Concen: 48.230 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

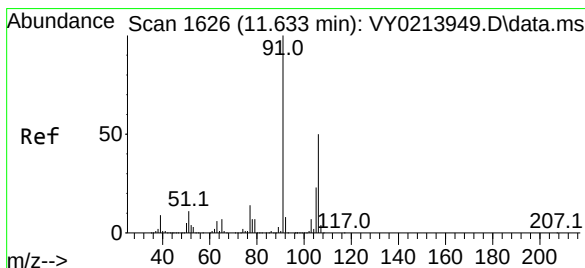
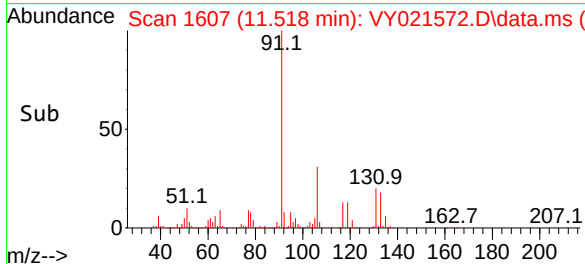
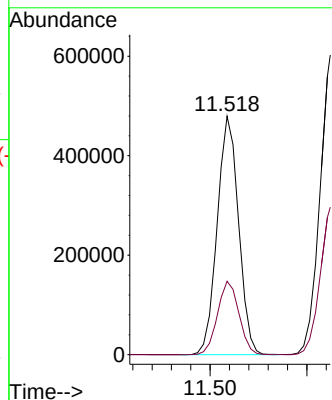
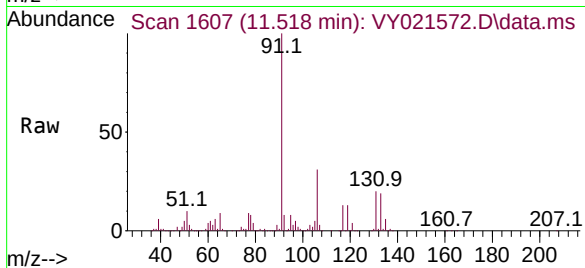
VSTDCCC050EC

Tgt Ion: 91 Resp: 733048

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 97.447 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021572.D

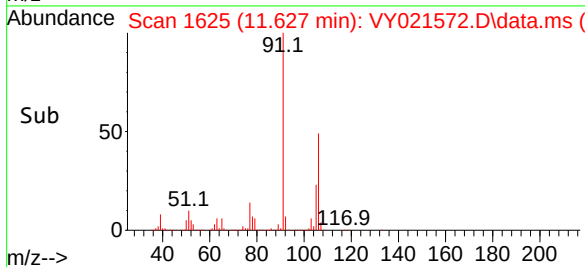
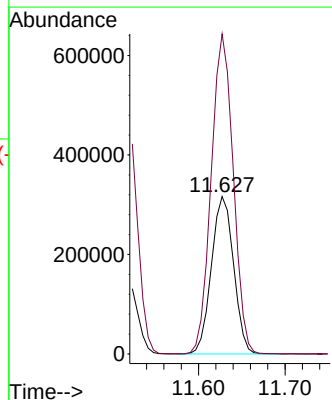
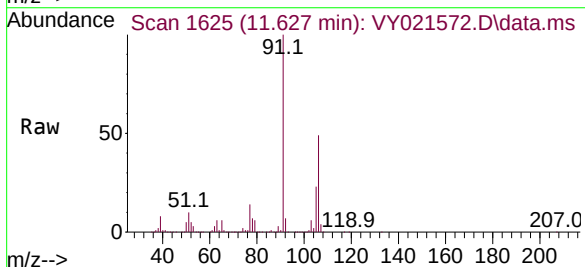
Acq: 19 Mar 2025 16:07

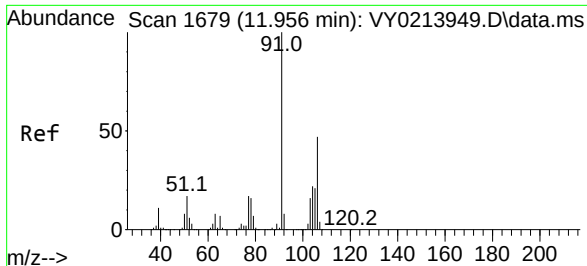
Tgt Ion:106 Resp: 562303

Ion Ratio Lower Upper

106 100

91 202.5 161.7 242.5

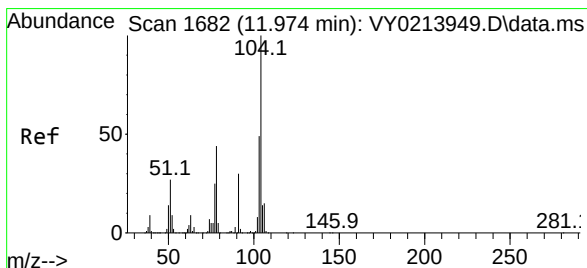
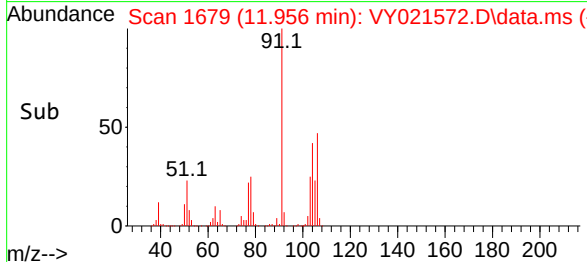
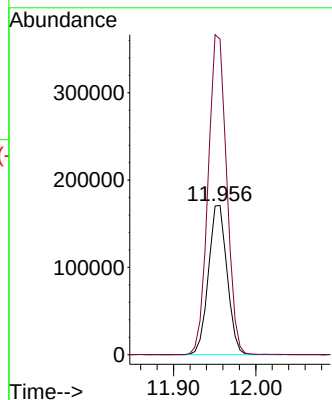
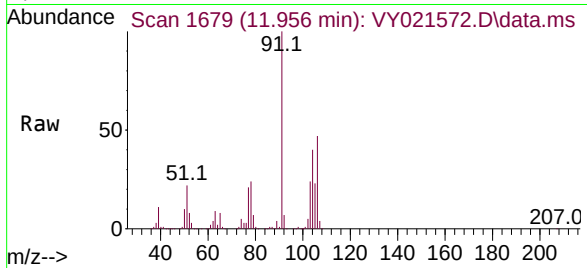




#69
o-Xylene
Concen: 50.663 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

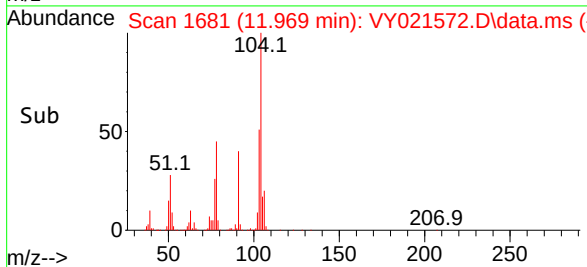
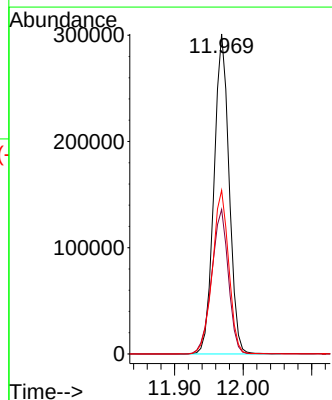
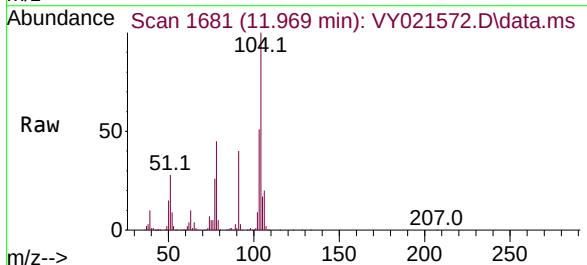
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

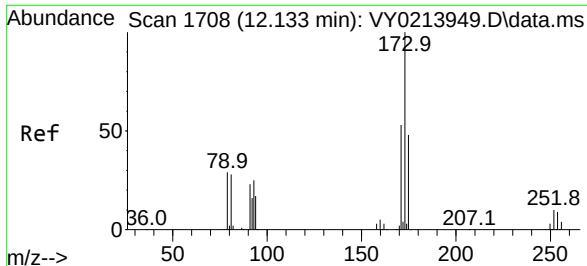
Tgt Ion:106 Resp: 269433
Ion Ratio Lower Upper
106 100
91 213.2 107.6 322.8



#70
Styrene
Concen: 52.211 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:104 Resp: 460634
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 55.2 44.1 66.1

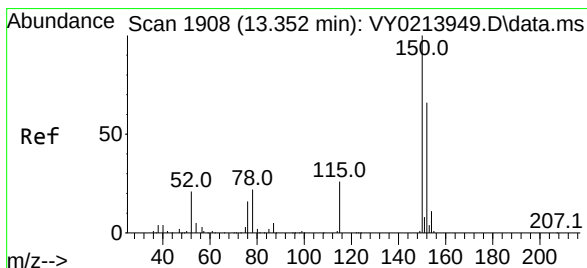
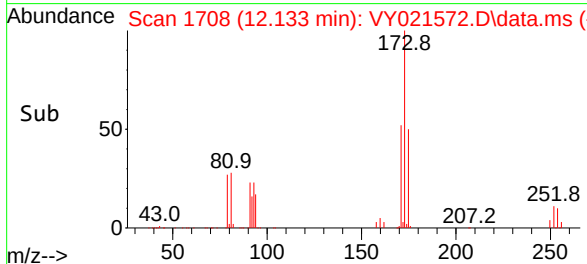
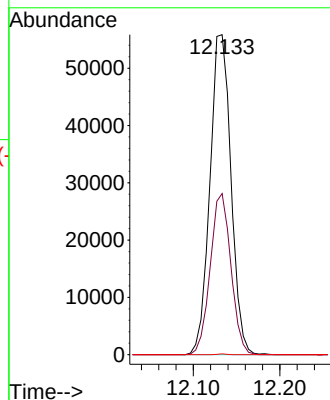
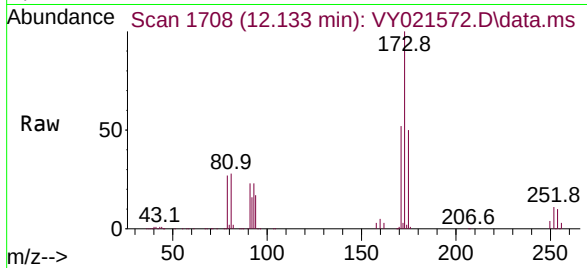




#71
Bromoform
Concen: 55.165 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

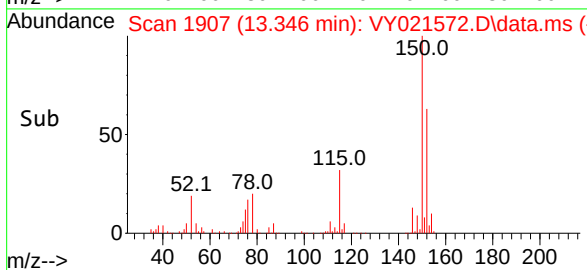
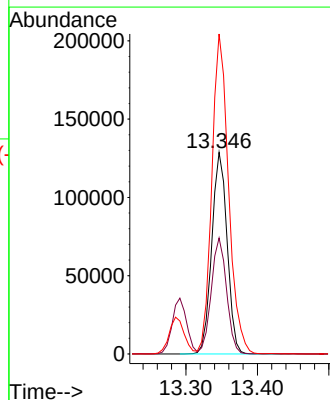
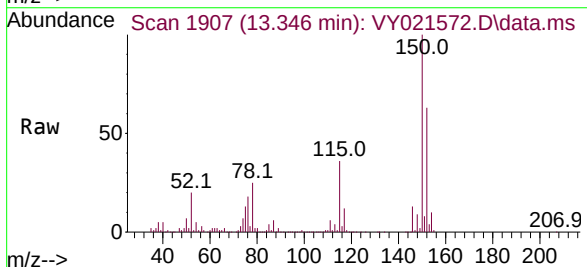
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

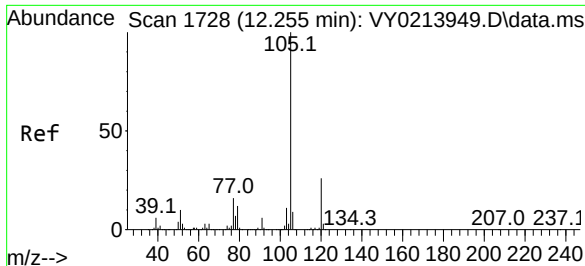
Tgt Ion:173 Resp: 94412
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:152 Resp: 191901
Ion Ratio Lower Upper
152 100
115 57.0 29.0 87.0
150 172.7 0.0 347.2

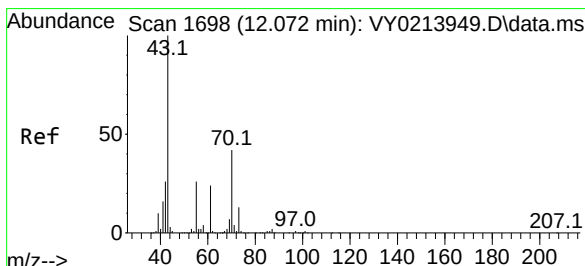
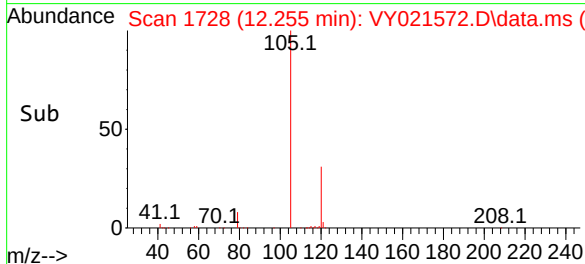
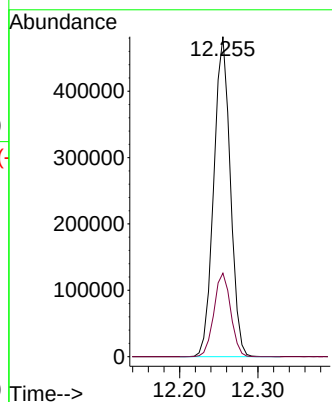
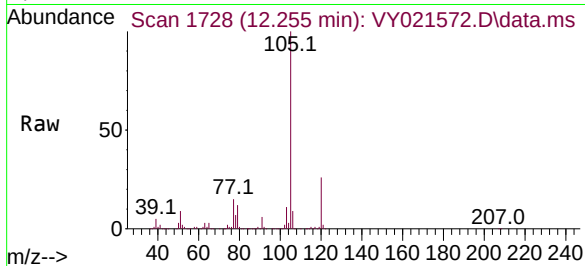




#73
Isopropylbenzene
Concen: 46.798 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

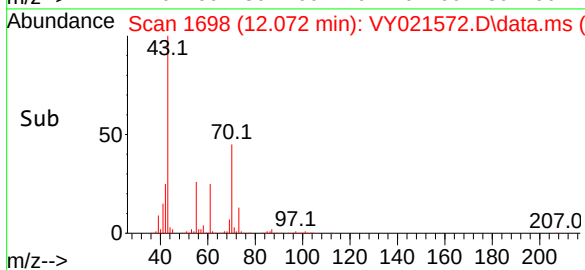
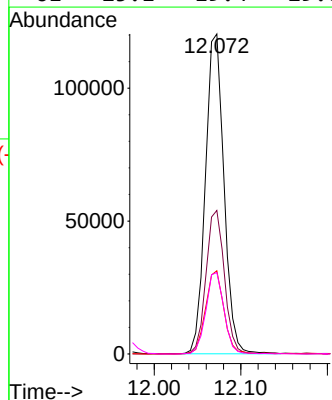
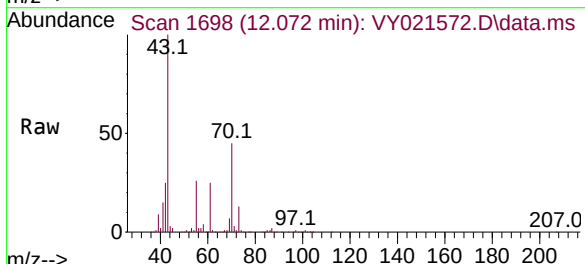
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

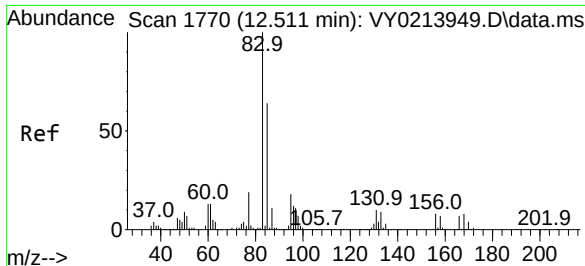
Tgt Ion:105 Resp: 707433
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 54.549 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 43 Resp: 179080
Ion Ratio Lower Upper
43 100
70 44.7 34.6 51.8
55 25.8 21.1 31.7
61 25.1 19.4 29.0

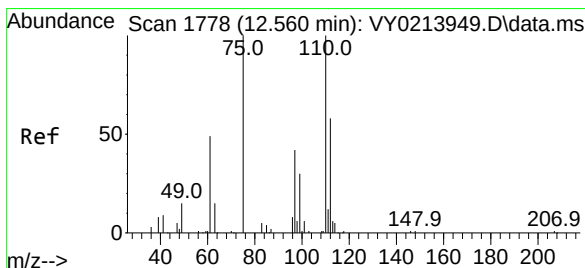
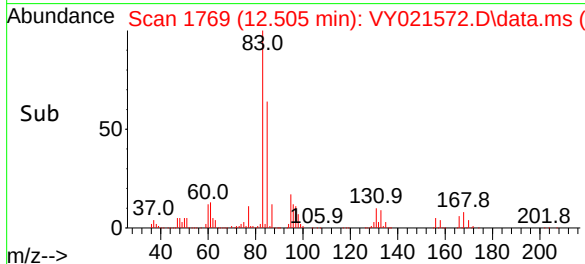
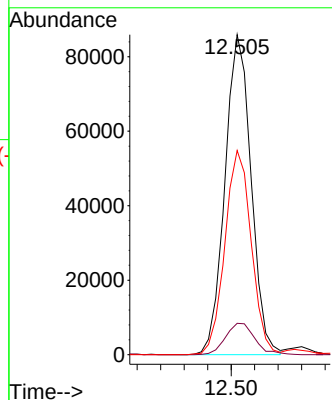
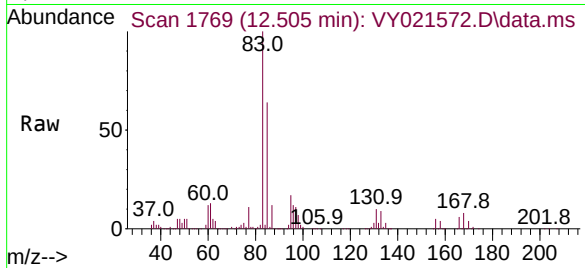




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.789 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

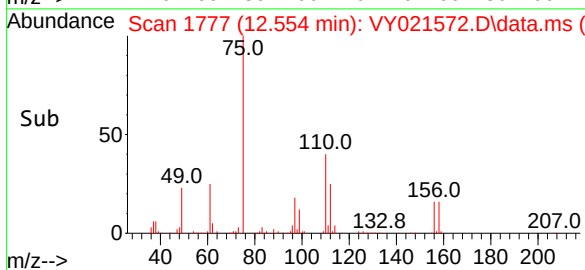
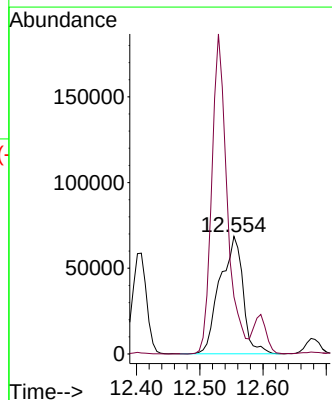
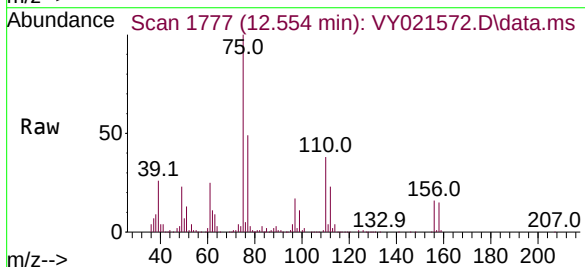
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

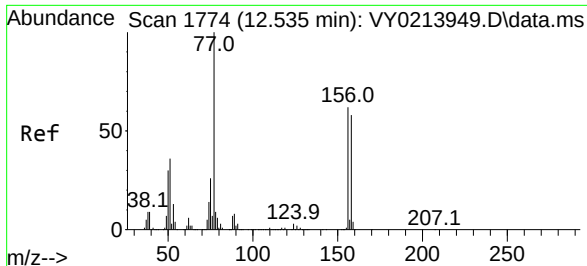
Tgt Ion: 83 Resp: 132816
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 64.4 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 90.209 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion: 75 Resp: 174442
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

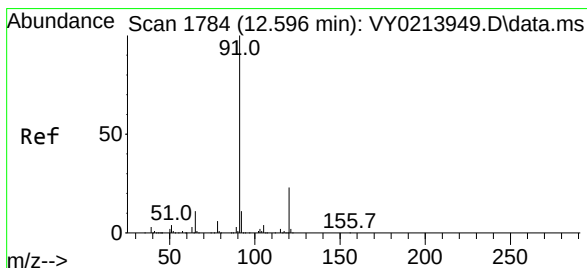
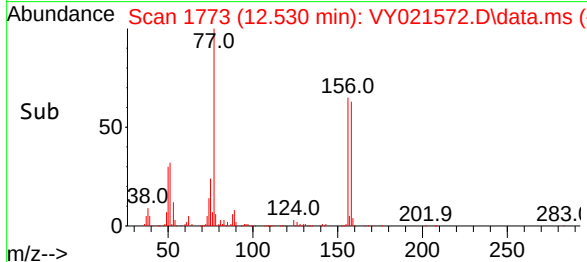
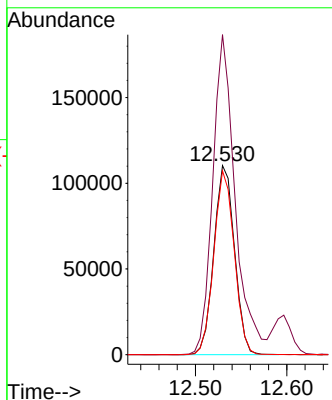
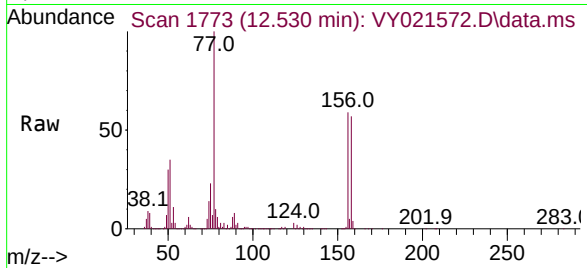




#77
 Bromobenzene
 Concen: 48.992 ug/l
 RT: 12.530 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

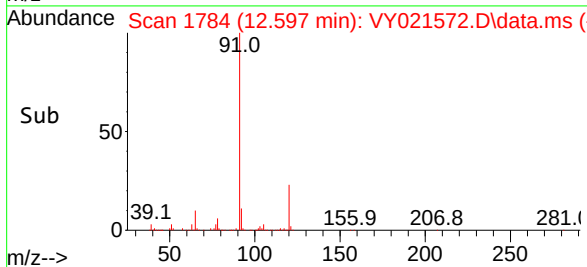
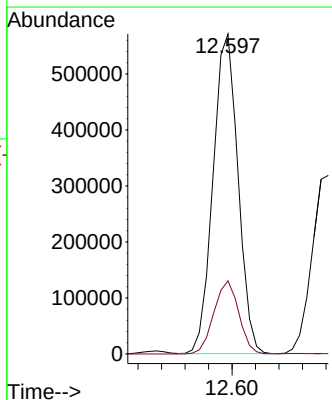
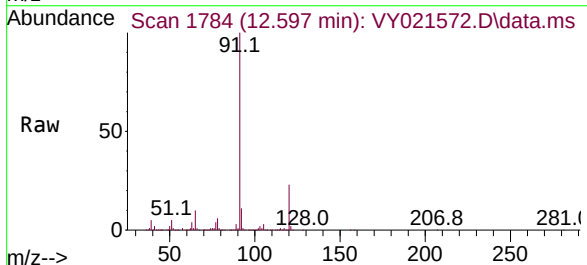
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

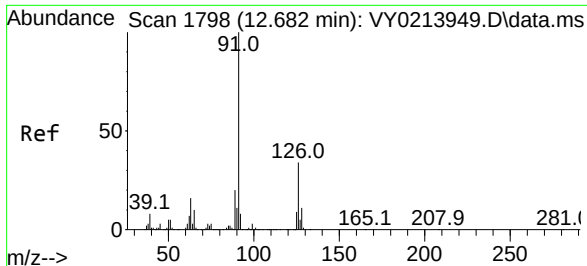
Tgt Ion:	156	Resp:	173261
Ion Ratio	Lower	Upper	
156	100		
77	184.1	93.6	280.8
158	96.3	48.3	144.8



#78
 n-propylbenzene
 Concen: 45.873 ug/l
 RT: 12.597 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion:	91	Resp:	842169
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.8





#79

2-Chlorotoluene

Concen: 47.172 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

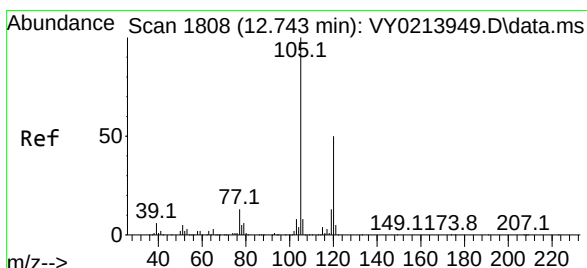
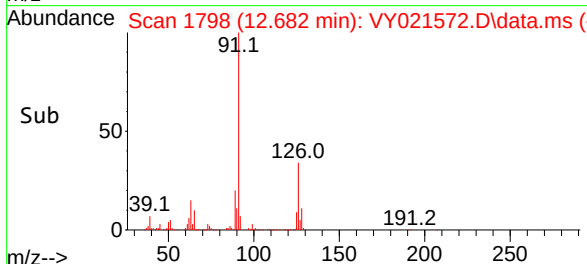
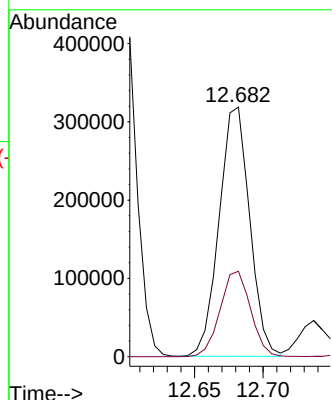
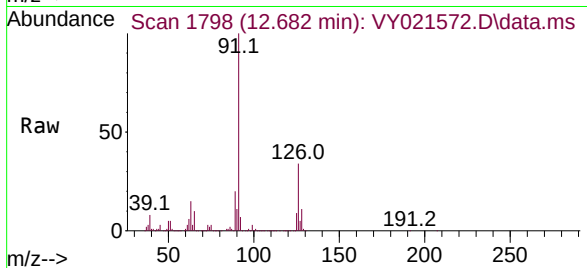
VSTDCCC050EC

Tgt Ion: 91 Resp: 495185

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 47.492 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021572.D

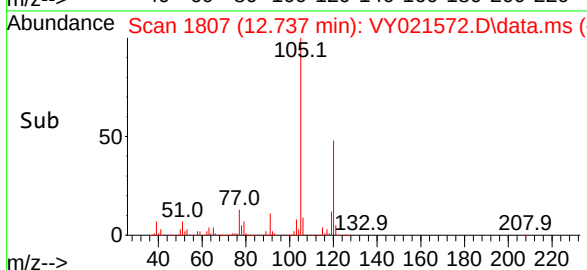
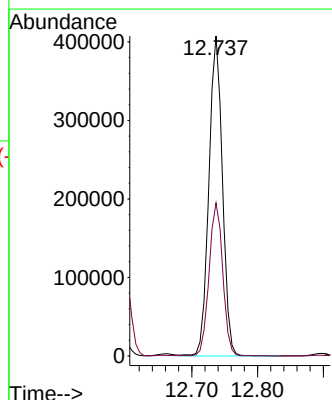
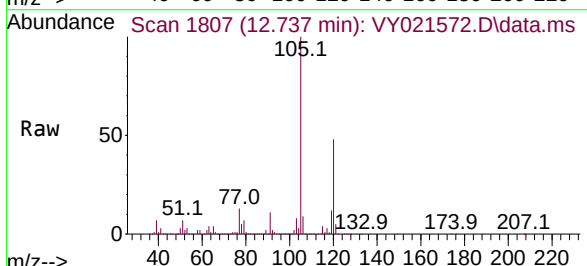
Acq: 19 Mar 2025 16:07

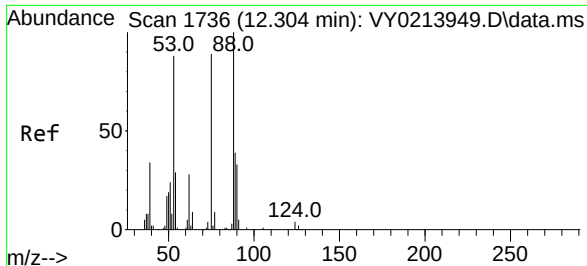
Tgt Ion: 105 Resp: 583417

Ion Ratio Lower Upper

105 100

120 48.3 24.6 73.6

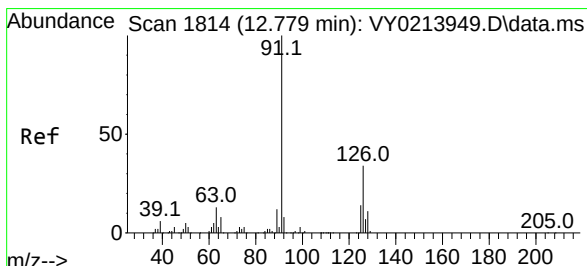
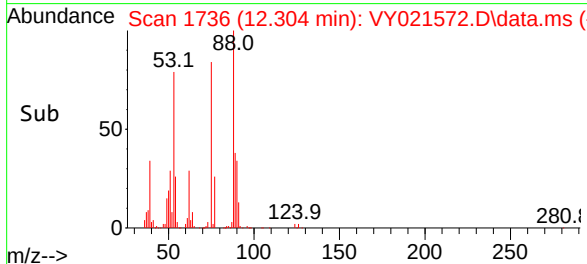
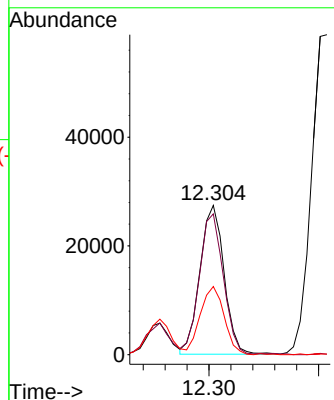
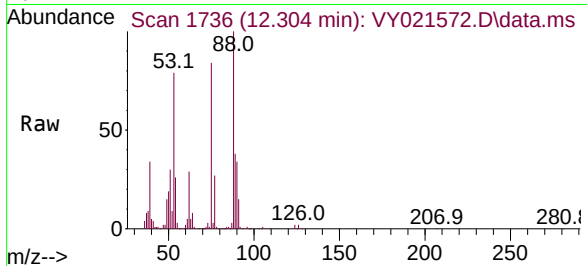




#81
trans-1,4-Dichloro-2-butene
Concen: 49.384 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

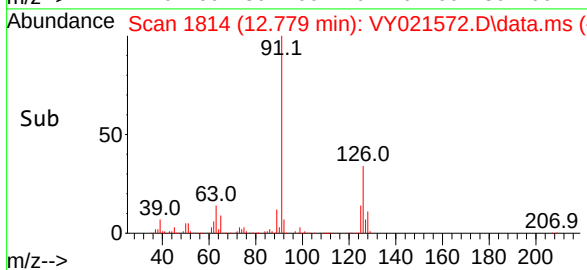
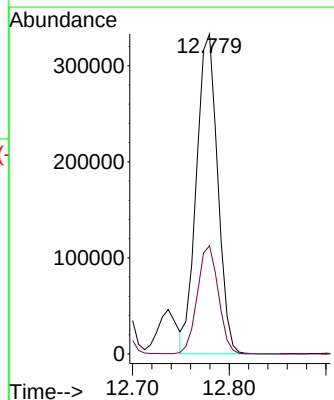
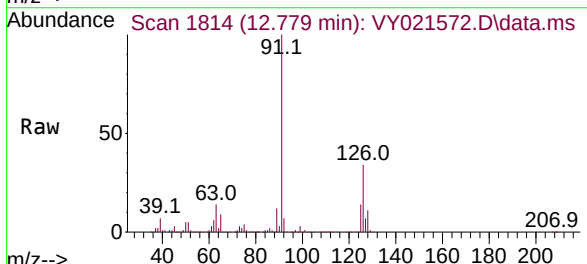
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

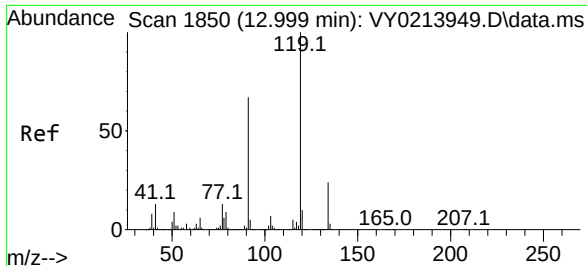
Tgt Ion:	75	Resp:	42008
Ion	Ratio	Lower	Upper
75	100		
53	95.1	81.0	121.4
89	45.0	36.9	55.3



#82
4-Chlorotoluene
Concen: 46.737 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:	91	Resp:	508046
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	51.0

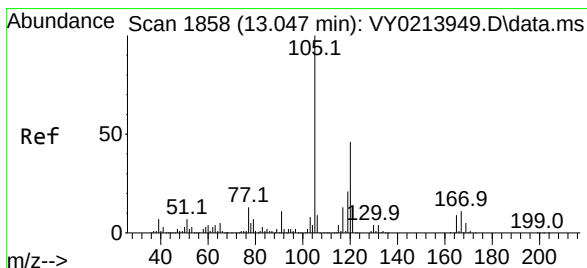
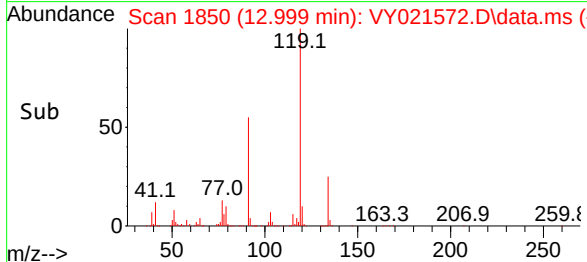
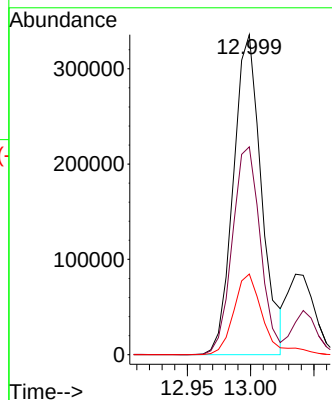
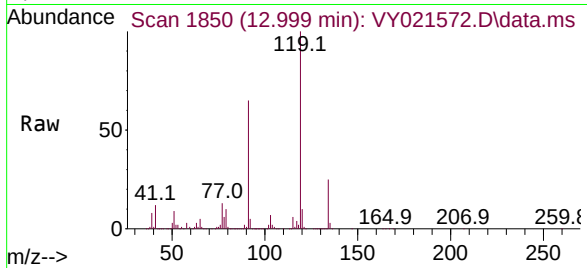




#83
 tert-Butylbenzene
 Concen: 47.405 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

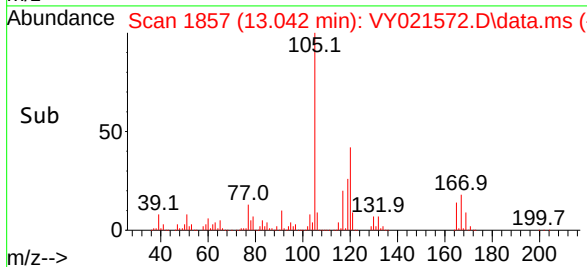
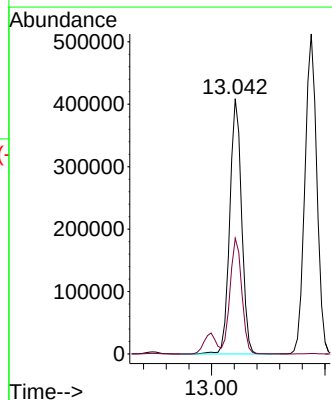
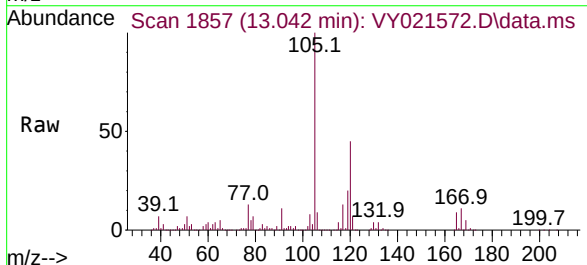
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

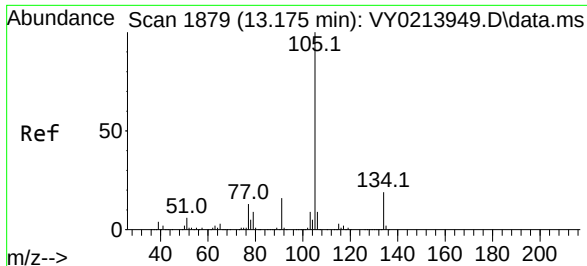
Tgt Ion:119 Resp: 519509
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.2 99.6
 134 26.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.366 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion:105 Resp: 589933
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1

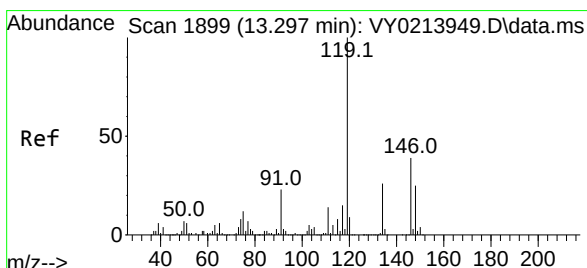
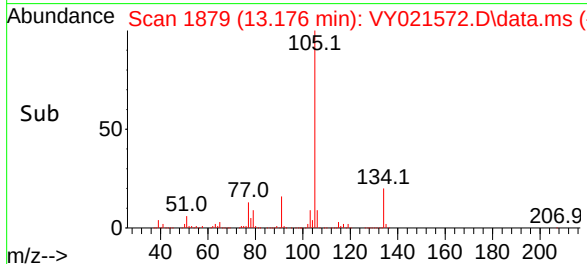
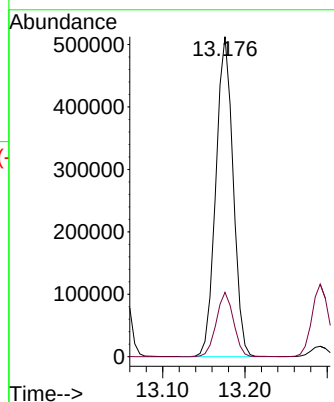
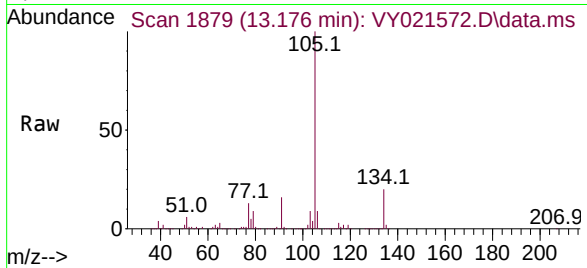




#85
 sec-Butylbenzene
 Concen: 45.856 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

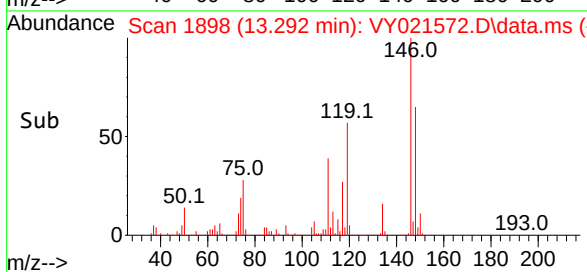
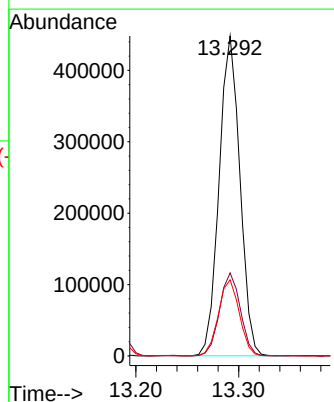
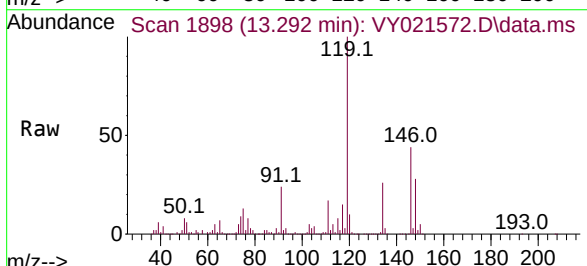
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

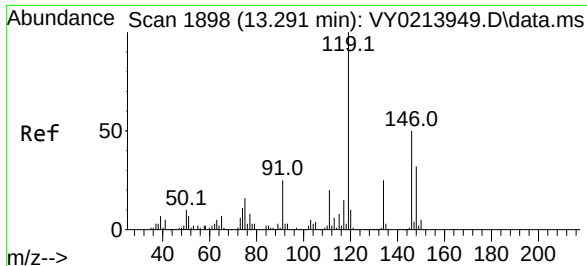
Tgt Ion:105 Resp: 747709
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 46.721 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion:119 Resp: 627611
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.027 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

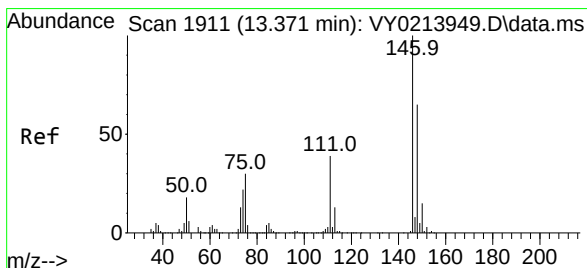
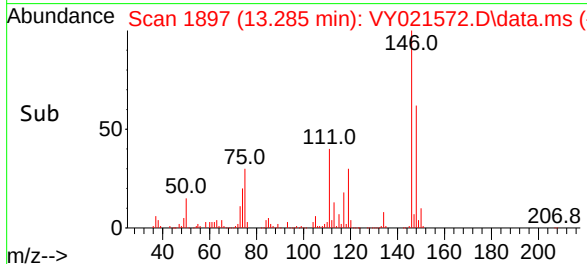
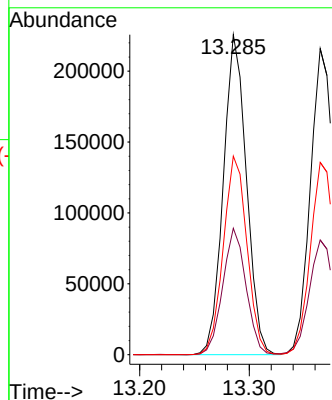
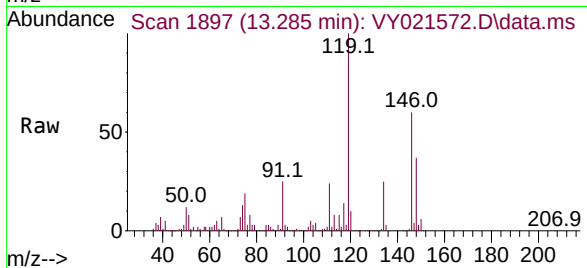
Tgt Ion:146 Resp: 331055

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.690 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

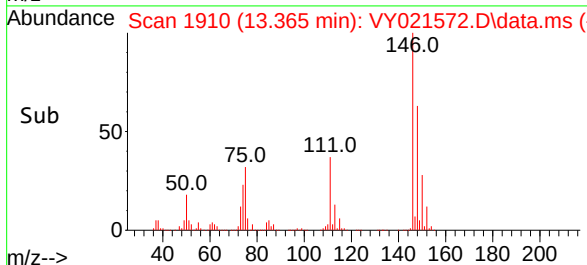
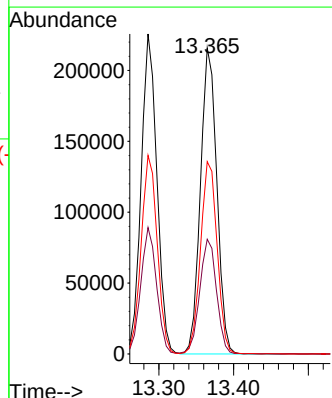
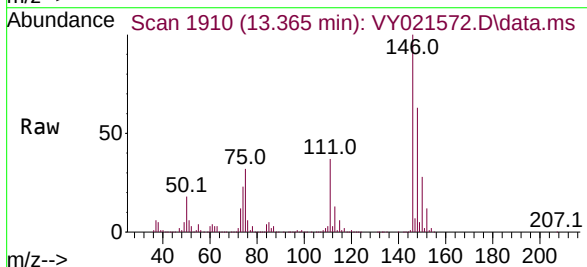
Tgt Ion:146 Resp: 328325

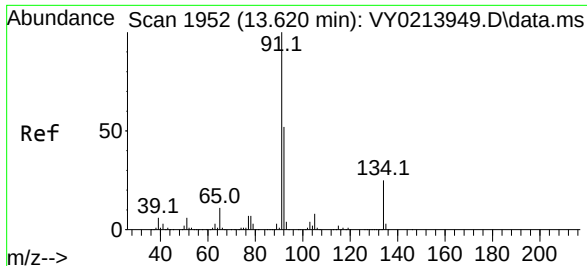
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 46.538 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

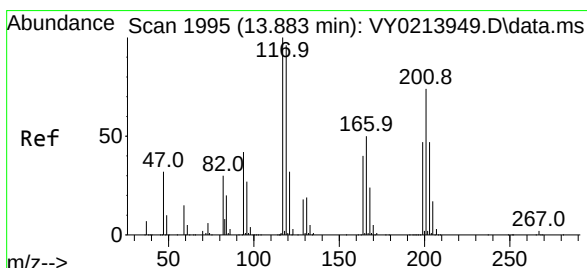
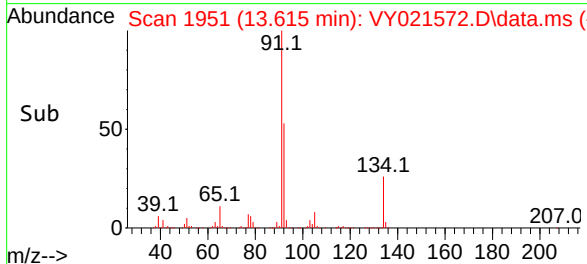
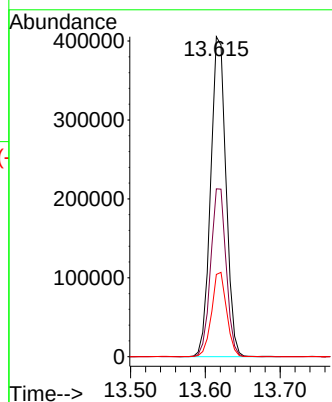
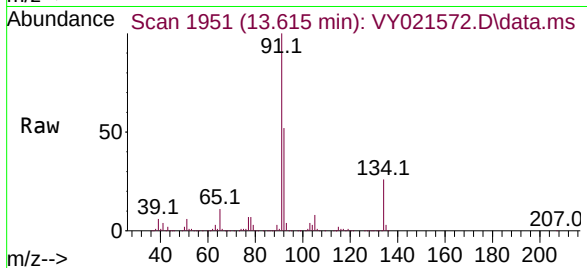
Tgt Ion: 91 Resp: 577268

Ion Ratio Lower Upper

91 100

92 53.0 26.1 78.3

134 25.9 12.6 37.8



#90

Hexachloroethane

Concen: 46.569 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021572.D

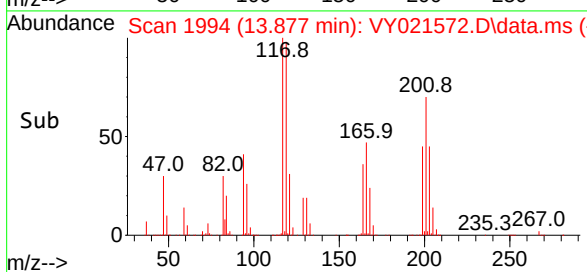
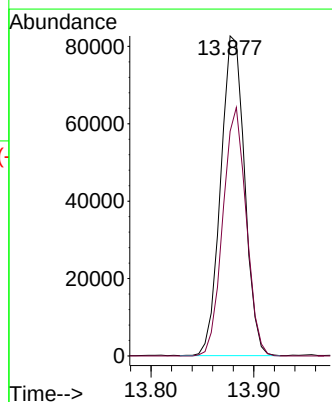
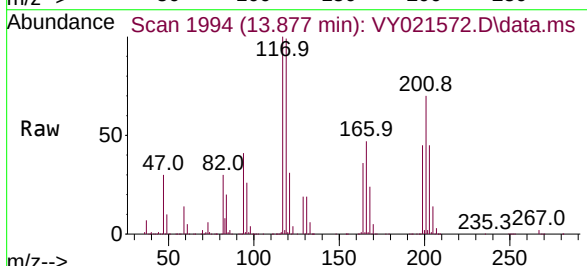
Acq: 19 Mar 2025 16:07

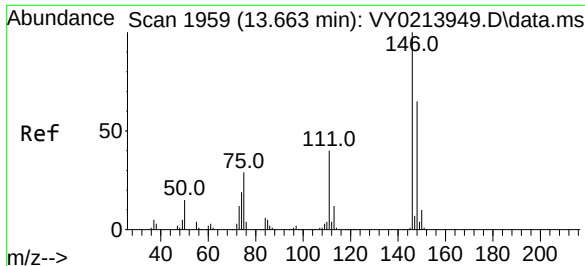
Tgt Ion: 117 Resp: 133455

Ion Ratio Lower Upper

117 100

201 75.8 37.4 112.2

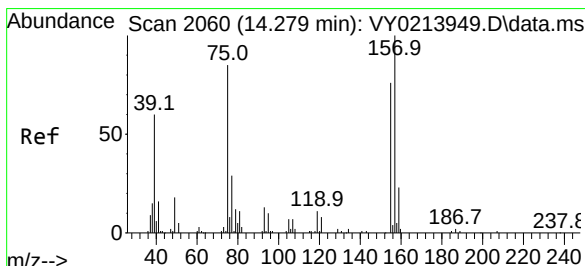
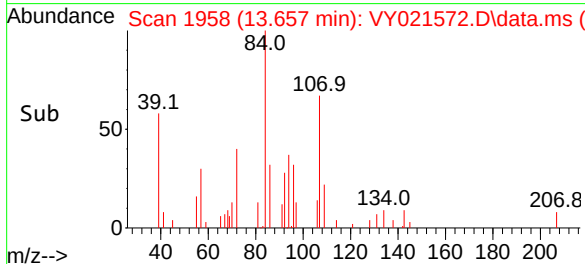
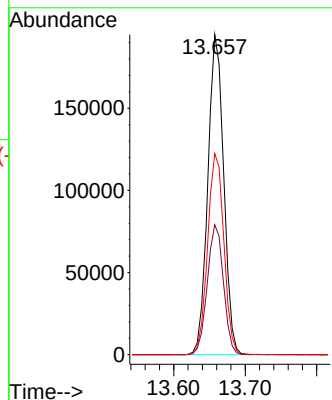
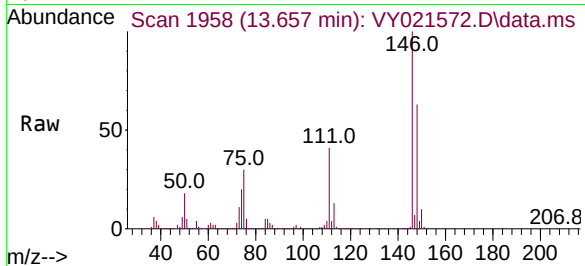




#91
 1,2-Dichlorobenzene
 Concen: 49.823 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

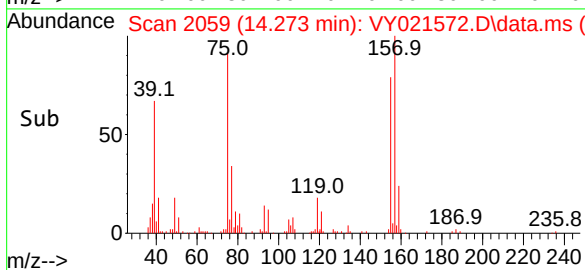
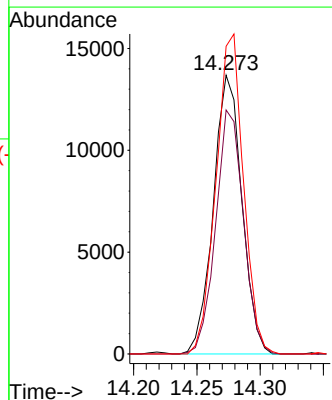
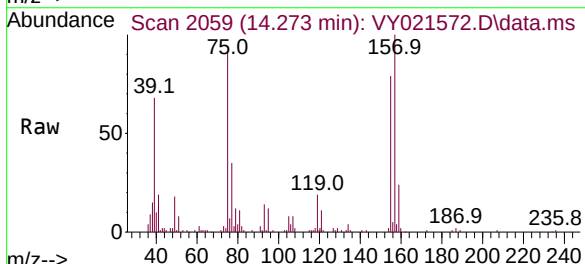
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

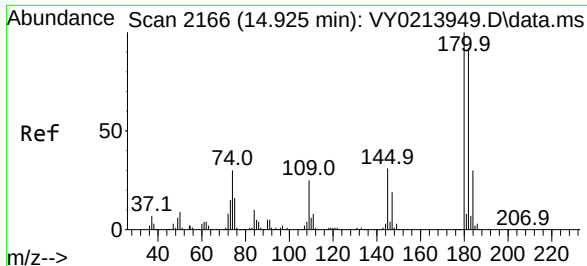
Tgt Ion:146 Resp: 300609
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.7 62.1
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.790 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion: 75 Resp: 21494
 Ion Ratio Lower Upper
 75 100
 155 85.0 43.5 130.5
 157 110.4 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 53.214 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

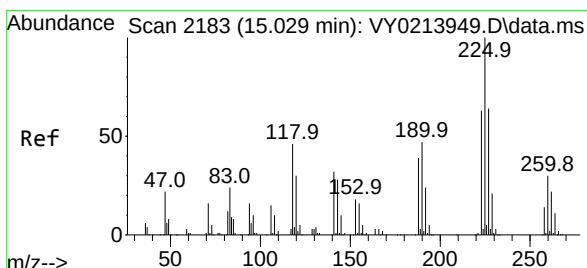
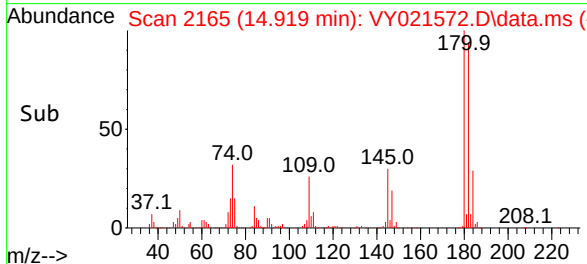
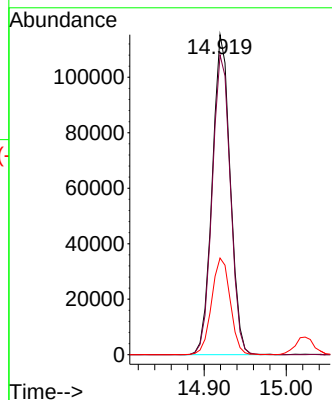
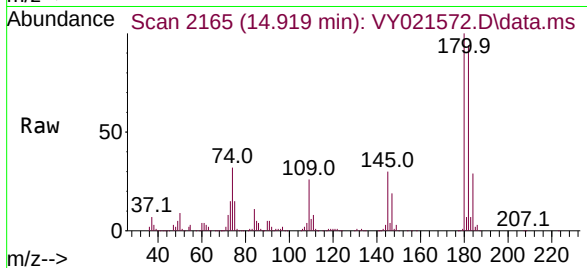
Tgt Ion:180 Resp: 175370

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.0

145 31.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 49.097 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

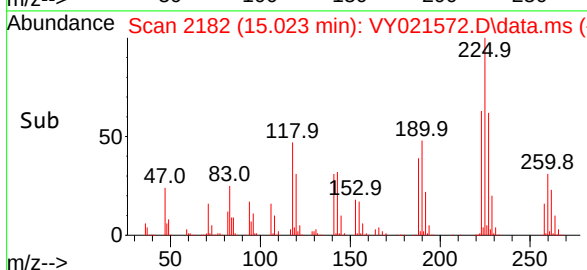
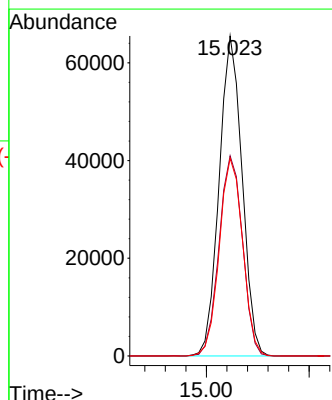
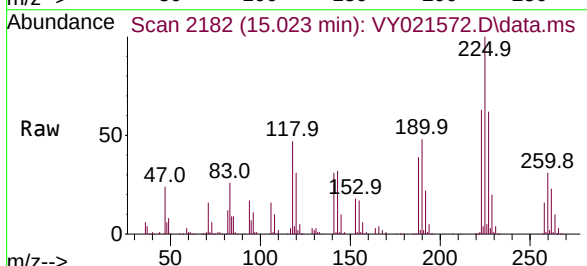
Tgt Ion:225 Resp: 101424

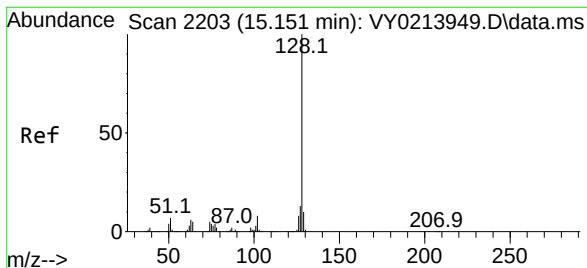
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.2

227 62.9 31.8 95.4





#95

Naphthalene

Concen: 60.772 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

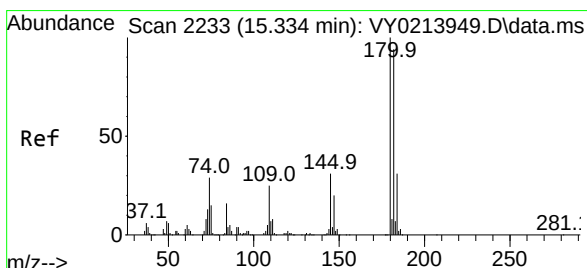
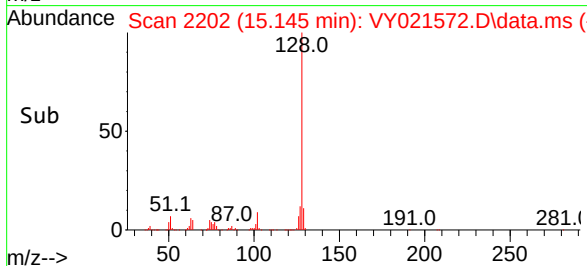
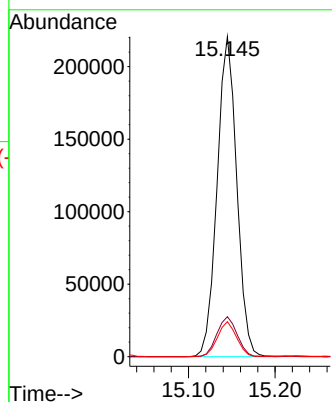
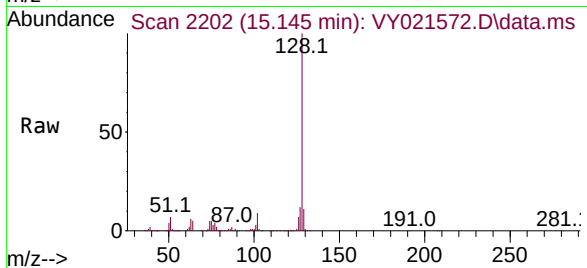
Tgt Ion:128 Resp: 347455

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.514 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Tgt Ion:180 Resp: 153868

Ion Ratio Lower Upper

180 100

182 95.5 47.2 141.6

145 32.3 16.4 49.1

