

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015876.D
 Acq On : 09 Oct 2023 11:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 14:37:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	202827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	290689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	94307	47.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.520%
35) Dibromofluoromethane	7.716	113	97821	51.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.185	98	330014	53.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.483	95	126444	50.163	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	45437	48.712	ug/l	99
3) Chloromethane	2.119	50	50122	48.353	ug/l	99
4) Vinyl Chloride	2.259	62	64415	49.338	ug/l	98
5) Bromomethane	2.656	94	49866	54.761	ug/l	99
6) Chloroethane	2.796	64	49661	53.253	ug/l	97
7) Trichlorofluoromethane	3.131	101	126648	49.998	ug/l	97
8) Diethyl Ether	3.534	74	50329	45.573	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	85692	51.901	ug/l	93
10) Methyl Iodide	4.101	142	83382	52.859	ug/l	96
11) Tert butyl alcohol	4.960	59	69397	159.258	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	68529	51.900	ug/l	90
13) Acrolein	3.735	56	28826	187.243	ug/l	98
14) Allyl chloride	4.485	41	122612	49.255	ug/l	92
15) Acrylonitrile	5.167	53	158616	184.122	ug/l	98
16) Acetone	3.948	43	173290	167.618	ug/l	91
17) Carbon Disulfide	4.204	76	102257	48.320	ug/l	100
18) Methyl Acetate	4.479	43	129245	38.412	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	277352	44.440	ug/l	100
20) Methylene Chloride	4.722	84	96409	42.719	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	78756	51.780	ug/l	95
22) Diisopropyl ether	6.125	45	313798	48.545	ug/l #	89
23) Vinyl Acetate	6.064	43	829247	211.950	ug/l	95
24) 1,1-Dichloroethane	6.021	63	174089	50.716	ug/l	98
25) 2-Butanone	6.984	43	233434	164.148	ug/l	96
26) 2,2-Dichloropropane	6.984	77	158757	49.770	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	111137	50.548	ug/l	93
28) Bromochloromethane	7.338	49	89529	44.599	ug/l	94
29) Tetrahydrofuran	7.350	42	134650	169.689	ug/l	92
30) Chloroform	7.509	83	191057	49.756	ug/l	99
31) Cyclohexane	7.789	56	103722	46.113	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	160242	51.047	ug/l	98
36) 1,1-Dichloropropene	7.917	75	117521	51.863	ug/l	98
37) Ethyl Acetate	7.076	43	89372	35.244	ug/l #	95
38) Carbon Tetrachloride	7.905	117	137425	51.578	ug/l	98
39) Methylcyclohexane	9.185	83	122128	50.395	ug/l	95
40) Benzene	8.161	78	361463	50.835	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	124300	102.390	ug/l	# 17
42) 1,2-Dichloroethane	8.240	62	117188	45.774	ug/l	93
43) Isopropyl Acetate	8.277	43	166981	38.258	ug/l	95
44) Trichloroethene	8.941	130	104812	50.367	ug/l	99
45) 1,2-Dichloropropane	9.216	63	104266	49.576	ug/l	96
46) Dibromomethane	9.307	93	61367	45.640	ug/l	96
47) Bromodichloromethane	9.496	83	153615	49.219	ug/l	100
48) Methyl methacrylate	9.295	41	72342	37.950	ug/l	# 87
49) 1,4-Dioxane	9.295	88	19879	660.010	ug/l	# 65
51) 4-Methyl-2-Pentanone	10.069	43	491214	179.904	ug/l	92
52) Toluene	10.246	92	238474	51.260	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	156039	47.648	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	172372	49.581	ug/l	# 89
55) 1,1,2-Trichloroethane	10.648	97	93643	44.331	ug/l	97
56) Ethyl methacrylate	10.514	69	130764	42.695	ug/l	# 87
57) 1,3-Dichloropropane	10.795	76	153443	45.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	395496	221.615	ug/l	95
59) 2-Hexanone	10.831	43	363878	171.743	ug/l	89
60) Dibromochloromethane	10.990	129	113761	46.627	ug/l	99
61) 1,2-Dibromoethane	11.093	107	86357	43.746	ug/l	100
64) Tetrachloroethene	10.721	164	107439	52.583	ug/l	98
65) Chlorobenzene	11.520	112	278531	51.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	114062	51.604	ug/l	99
67) Ethyl Benzene	11.599	91	484597	52.667	ug/l	98
68) m/p-Xylenes	11.709	106	369124	105.533	ug/l	95
69) o-Xylene	12.032	106	181630	52.207	ug/l	98
70) Styrene	12.050	104	319775	52.651	ug/l	95
71) Bromoform	12.215	173	76351	46.325	ug/l	# 98
73) Isopropylbenzene	12.337	105	502821	54.326	ug/l	99
74) N-amyl acetate	12.148	43	152326	42.590	ug/l	# 90
75) 1,1,2,2-Tetrachloroethane	12.587	83	120256	43.985	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	152270	71.991	ug/l	# 100
77) Bromobenzene	12.611	156	119177	52.049	ug/l	98
78) n-propylbenzene	12.678	91	606447	54.702	ug/l	100
79) 2-Chlorotoluene	12.764	91	338669	53.047	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	414496	53.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	40078	43.863	ug/l	93
82) 4-Chlorotoluene	12.861	91	356325	53.326	ug/l	100
83) tert-Butylbenzene	13.081	119	379111	53.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	416721	53.776	ug/l	99
85) sec-Butylbenzene	13.257	105	565236	54.642	ug/l	100
86) p-Isopropyltoluene	13.373	119	468904	54.433	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	238175	51.953	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	237643	51.269	ug/l	99
89) n-Butylbenzene	13.703	91	442535	53.988	ug/l	97
90) Hexachloroethane	13.965	117	91977	54.702	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	219605	50.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20369	37.129	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	134443	47.842	ug/l	99
94) Hexachlorobutadiene	15.117	225	73550	50.231	ug/l	98
95) Naphthalene	15.239	128	310254	41.405	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	120237	45.666	ug/l	99

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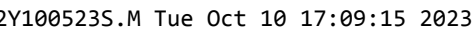
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

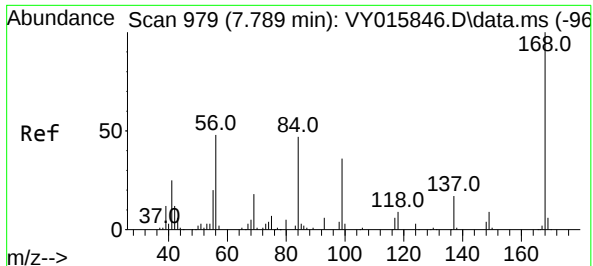
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Response via : Initial Calibration

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

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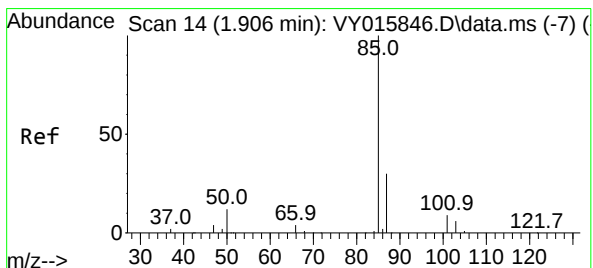
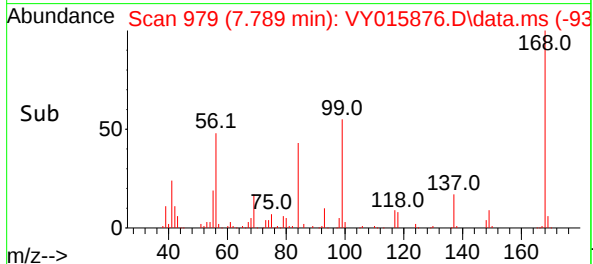
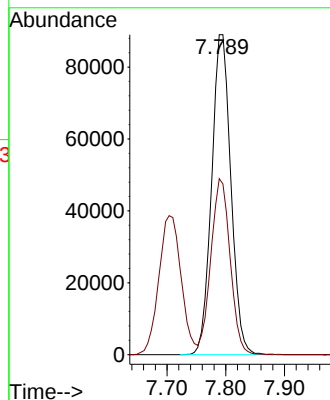
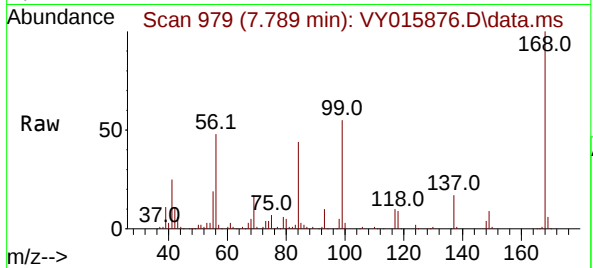




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015876.D
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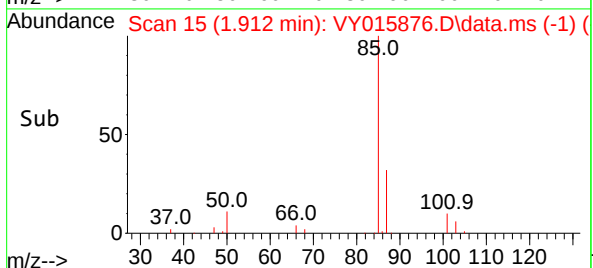
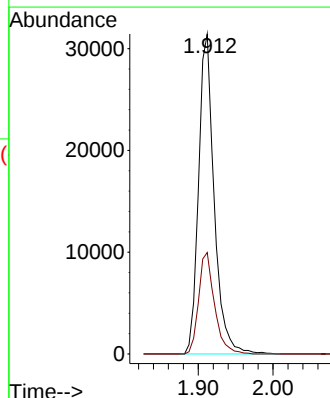
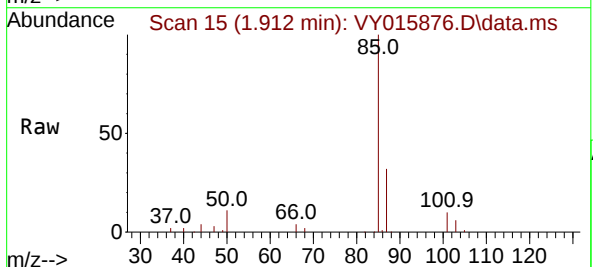
Instrument :
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VSTDCCC050

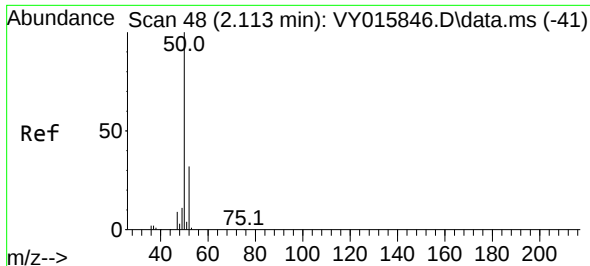
Tgt Ion:168 Resp: 202827
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.712 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 85 Resp: 45437
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

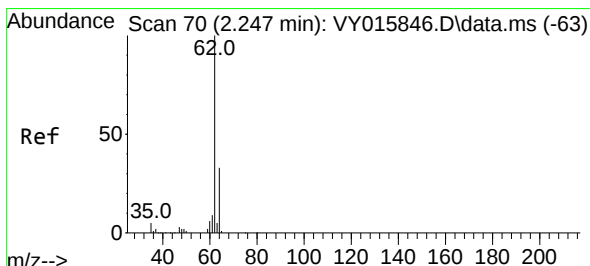
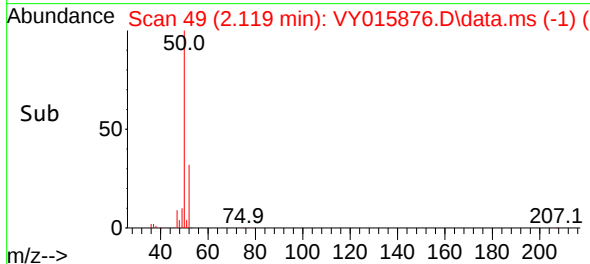
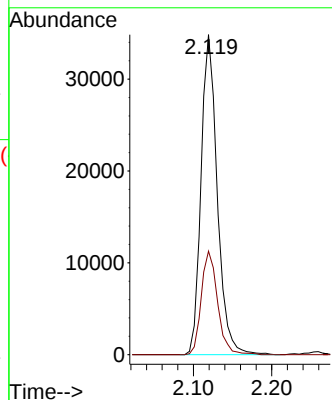
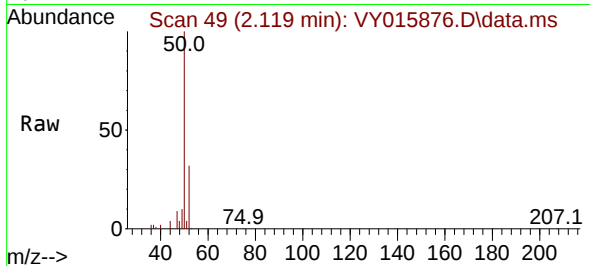




#3
Chloromethane
Concen: 48.353 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

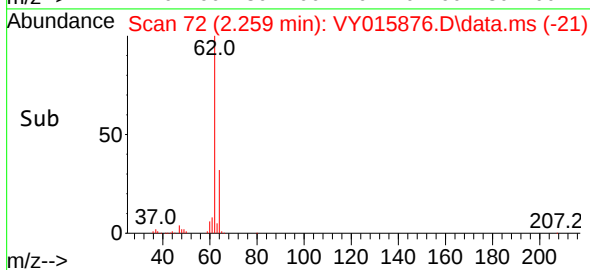
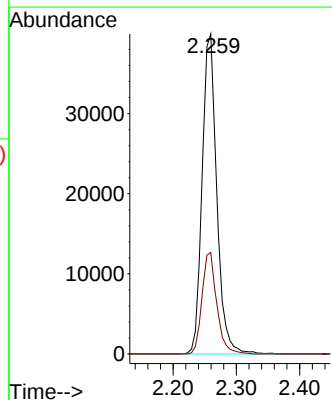
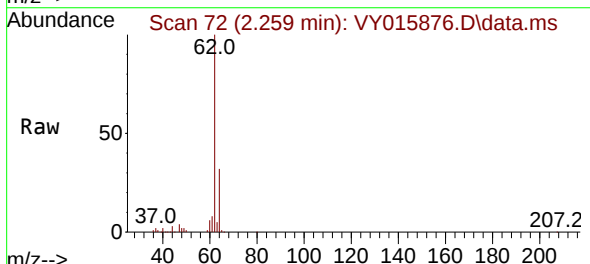
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ClientSampleId :
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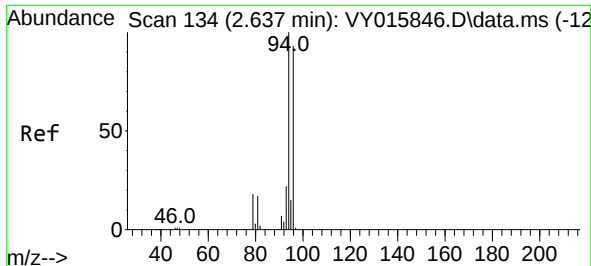
Tgt Ion: 50 Resp: 50122
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 49.338 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 62 Resp: 64415
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

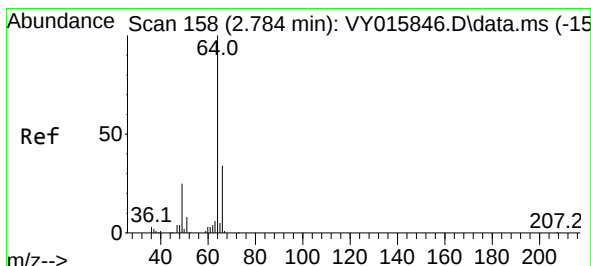
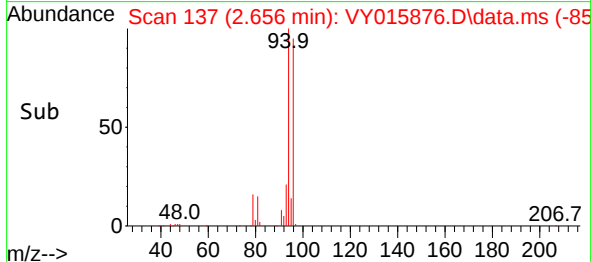
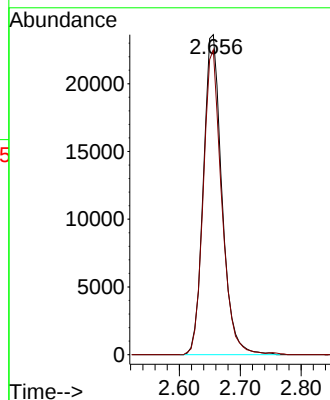
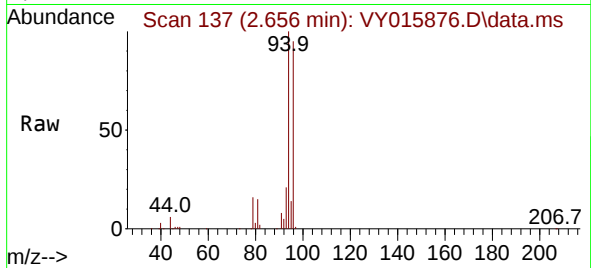




#5
Bromomethane
Concen: 54.761 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

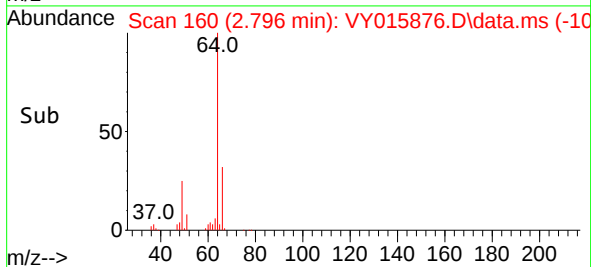
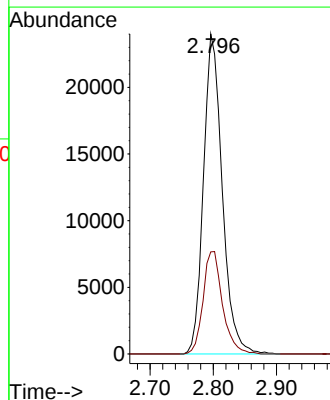
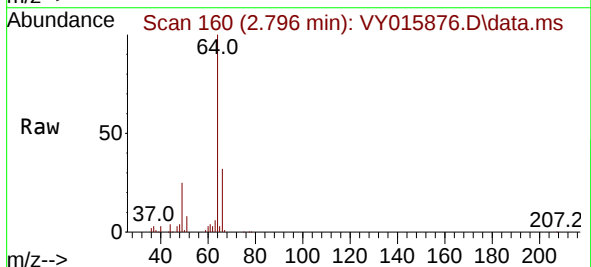
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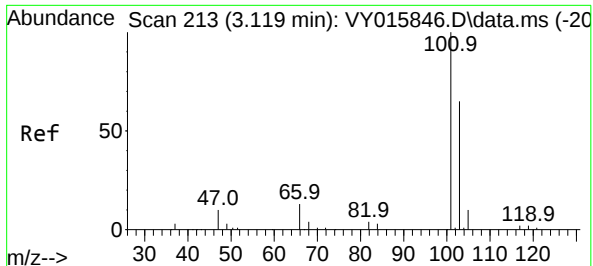
Tgt Ion: 94 Resp: 49866
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.6



#6
Chloroethane
Concen: 53.253 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 64 Resp: 49661
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

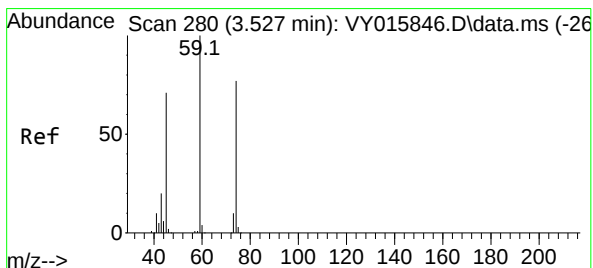
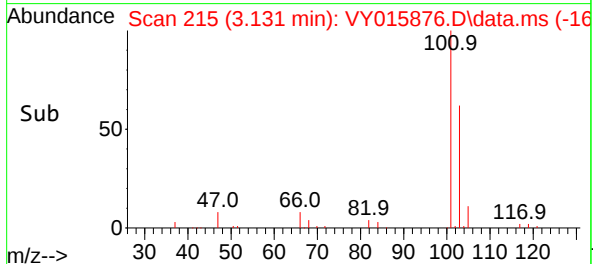
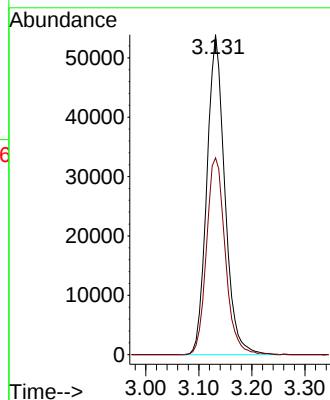
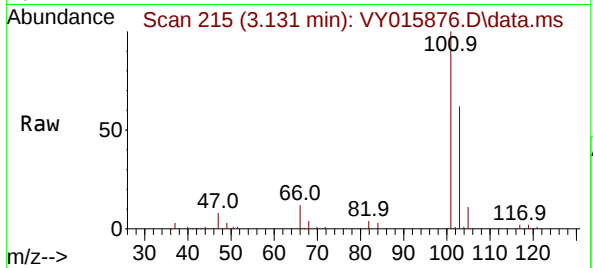




#7
 Trichlorofluoromethane
 Concen: 49.998 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY015876.D
 Acq: 09 Oct 2023 11:26

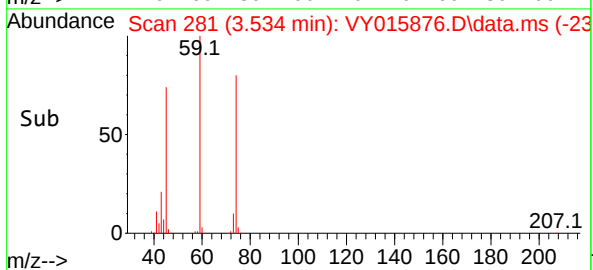
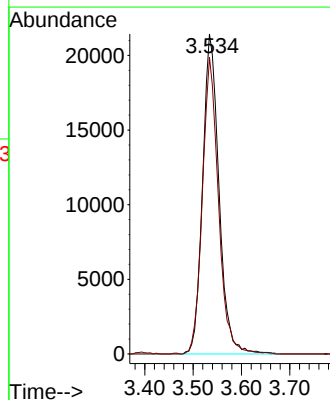
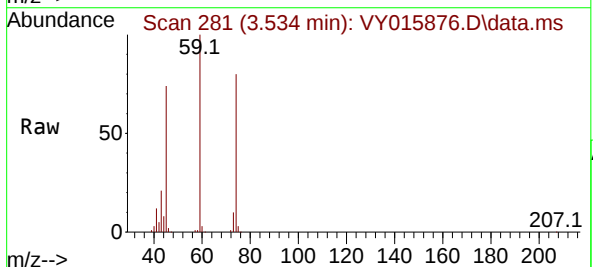
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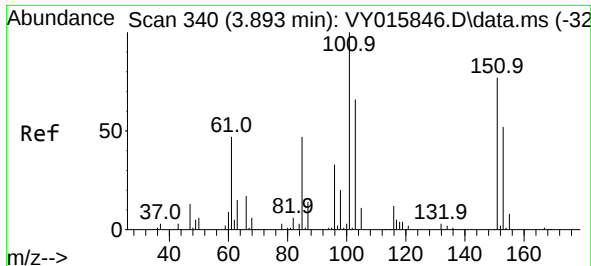
Tgt Ion:101 Resp: 126648
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 45.573 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY015876.D
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Tgt Ion: 74 Resp: 50329
 Ion Ratio Lower Upper
 74 100
 45 91.1 51.5 154.5

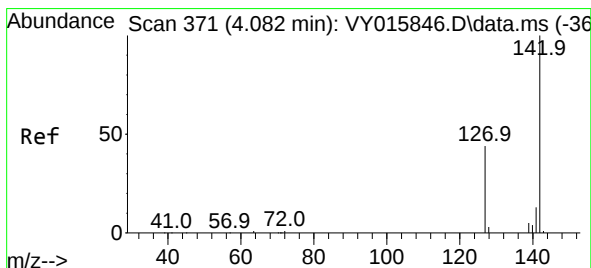
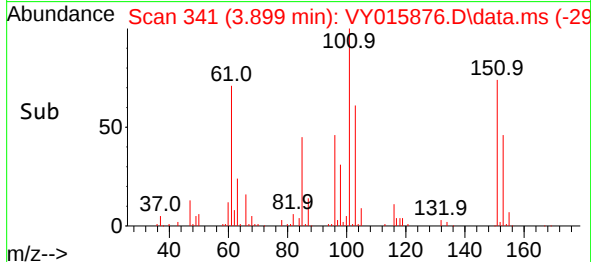
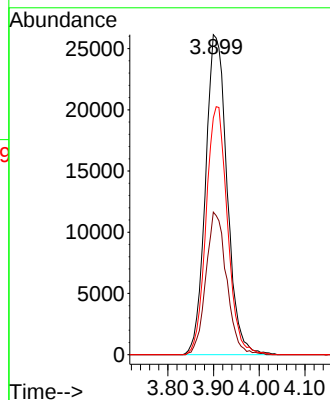
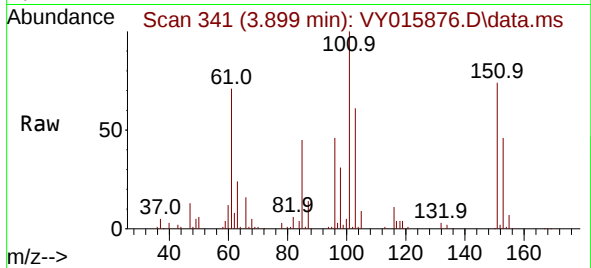




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.901 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

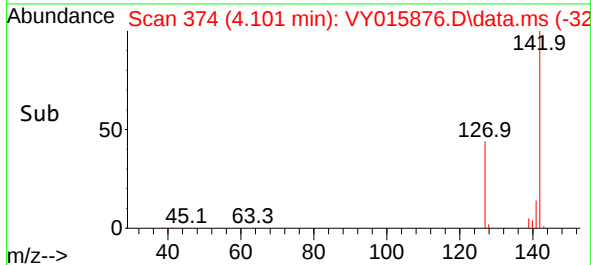
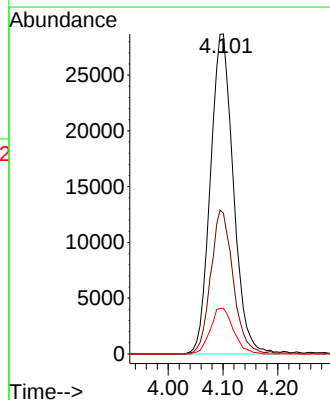
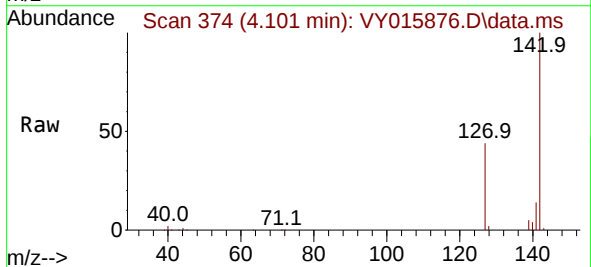
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

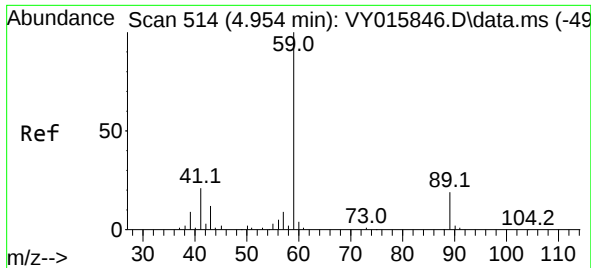
Tgt Ion:101 Resp: 85692
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 52.859 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion:142 Resp: 83382
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 14.4 11.8 17.8

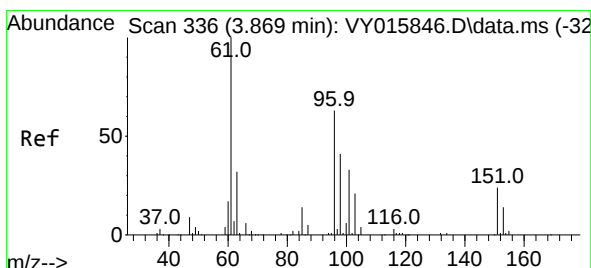
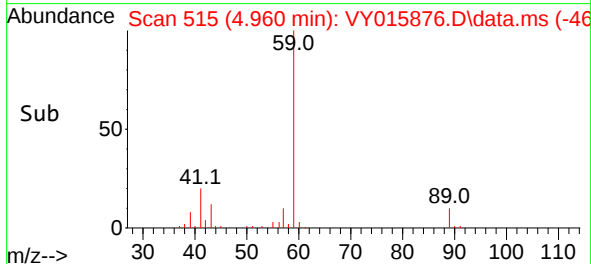
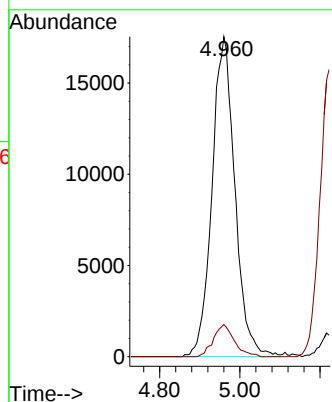
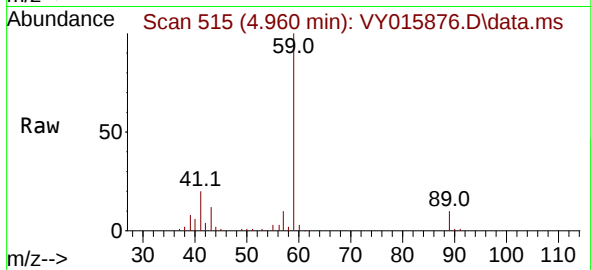




#11
Tert butyl alcohol
Concen: 159.258 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

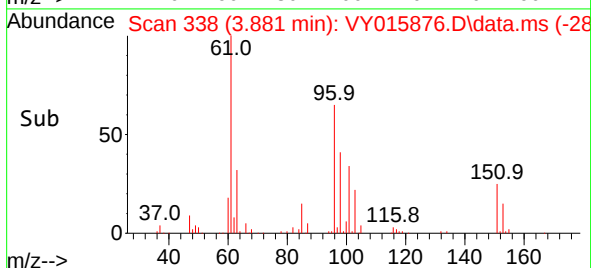
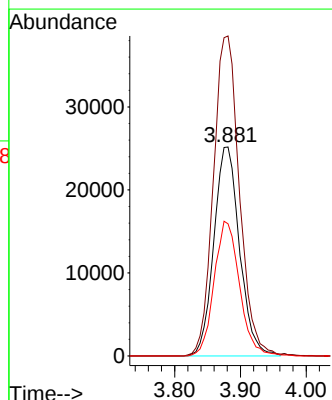
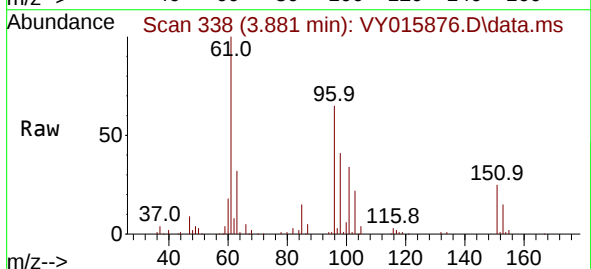
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

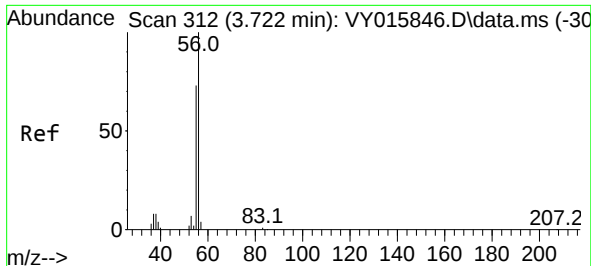
Tgt Ion: 59 Resp: 69397
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.900 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 96 Resp: 68529
Ion Ratio Lower Upper
96 100
61 153.2 136.4 204.6
98 63.3 49.4 74.2

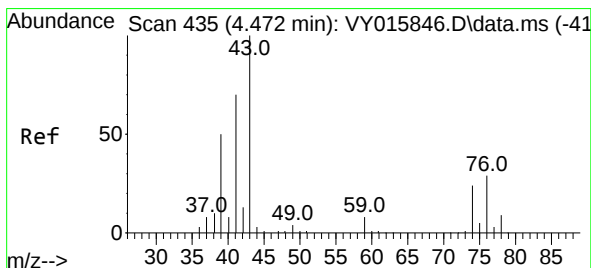
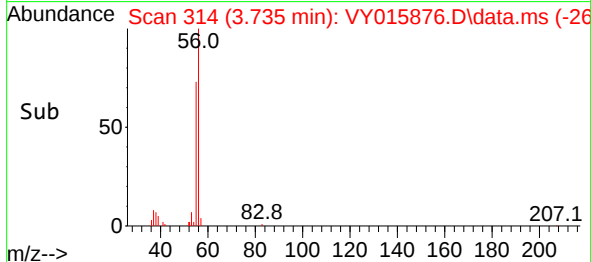
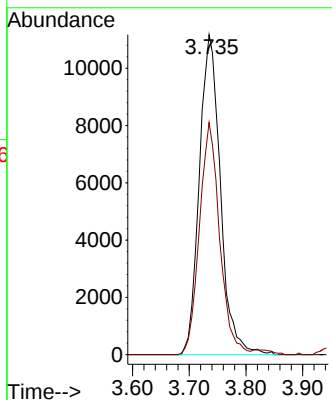
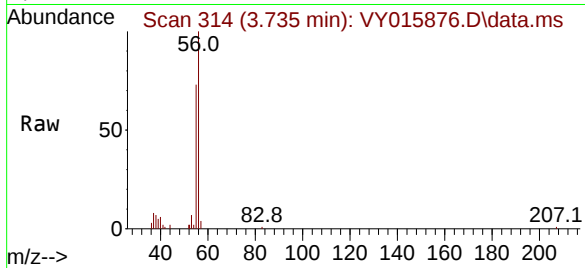




#13
Acrolein
Concen: 187.243 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

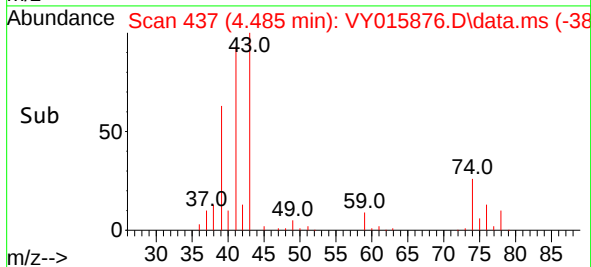
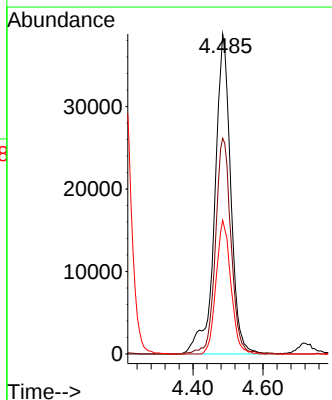
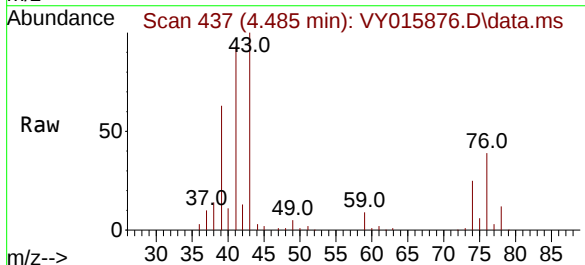
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

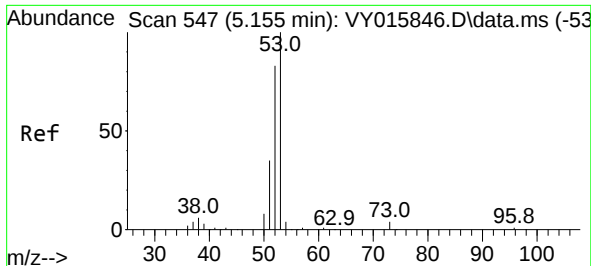
Tgt Ion: 56 Resp: 28826
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.4



#14
Allyl chloride
Concen: 49.255 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 41 Resp: 122612
Ion Ratio Lower Upper
41 100
39 65.7 58.0 87.0
76 38.7 27.4 41.2

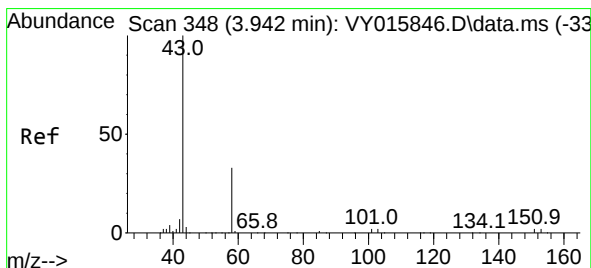
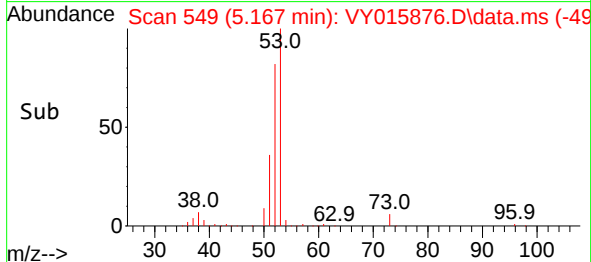
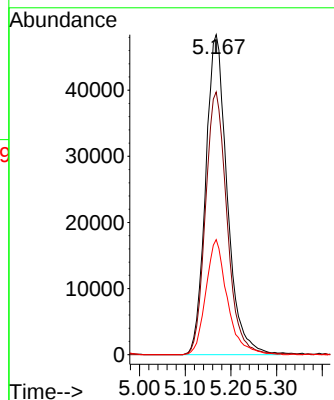
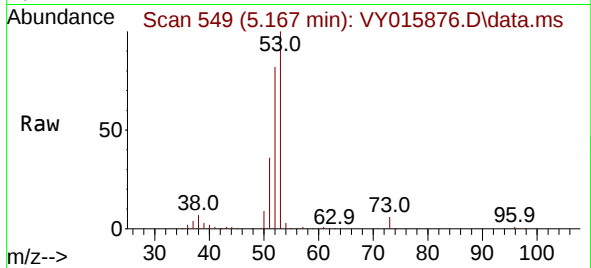




#15
Acrylonitrile
Concen: 184.122 ug/l
RT: 5.167 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

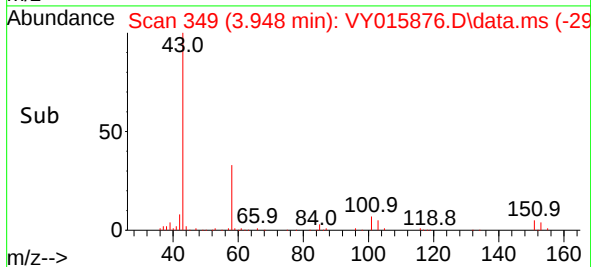
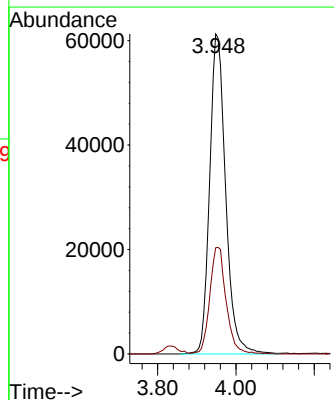
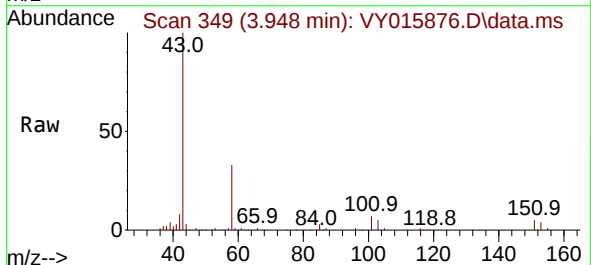
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

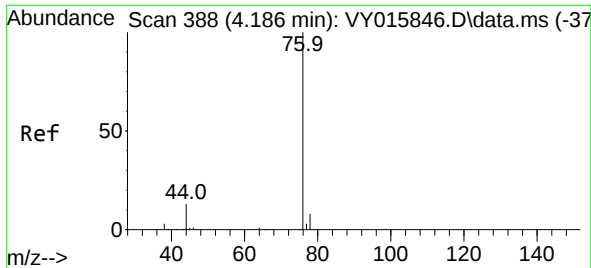
Tgt Ion: 53 Resp: 158616
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 167.618 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 43 Resp: 173290
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1





#17

Carbon Disulfide

Concen: 48.320 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

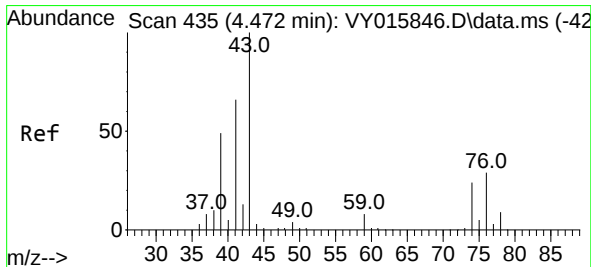
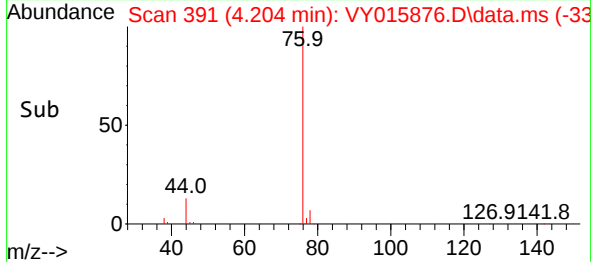
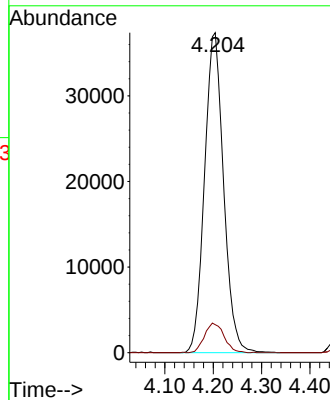
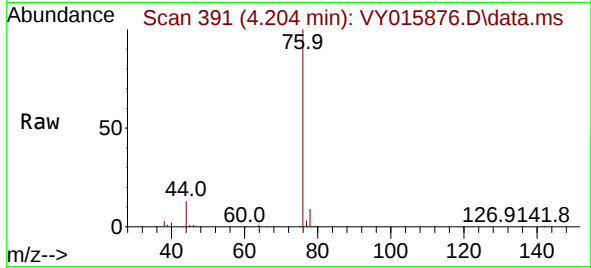
VSTDCCC050

Tgt Ion: 76 Resp: 102257

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#18

Methyl Acetate

Concen: 38.412 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015876.D

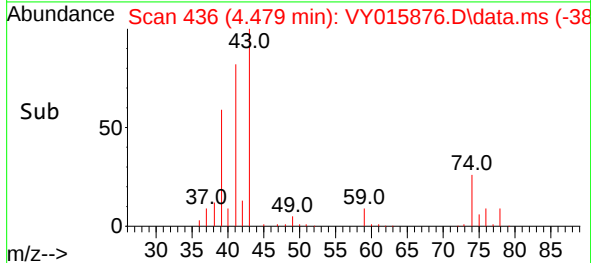
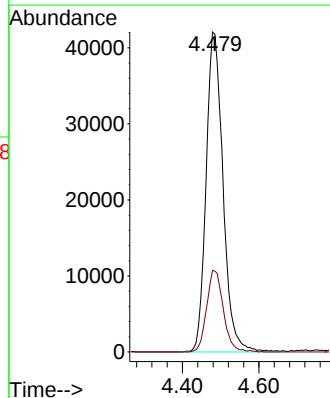
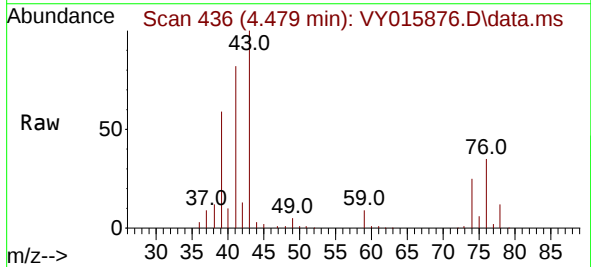
Acq: 09 Oct 2023 11:26

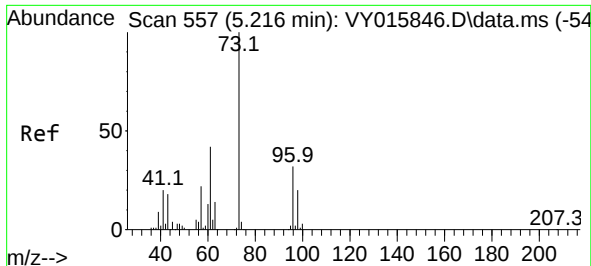
Tgt Ion: 43 Resp: 129245

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0

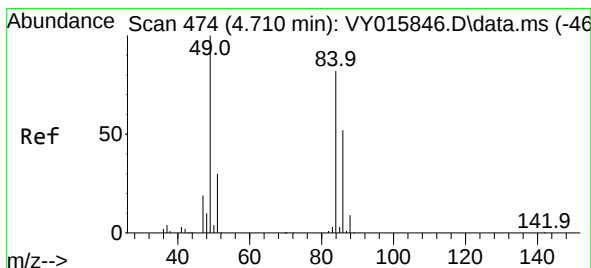
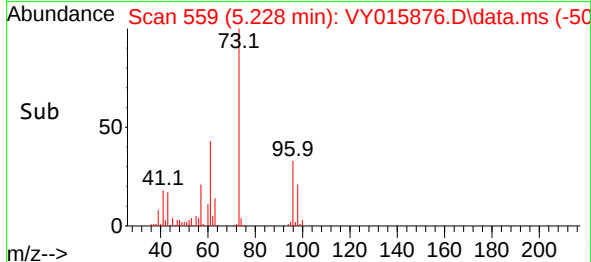
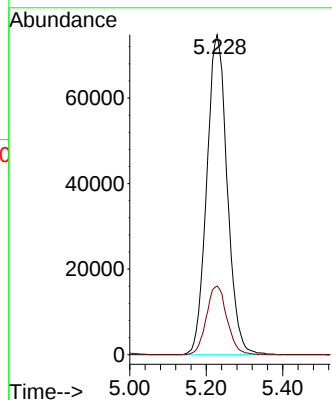
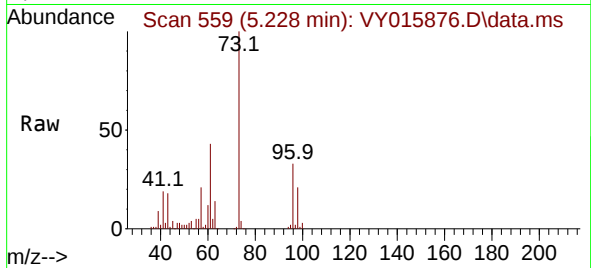




#19
Methyl tert-butyl Ether
Concen: 44.440 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

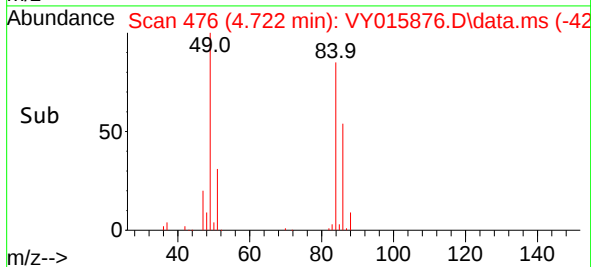
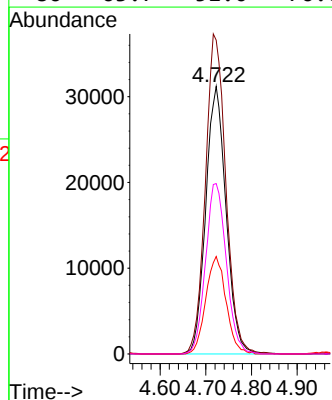
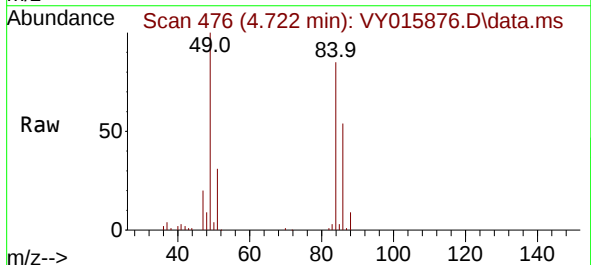
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

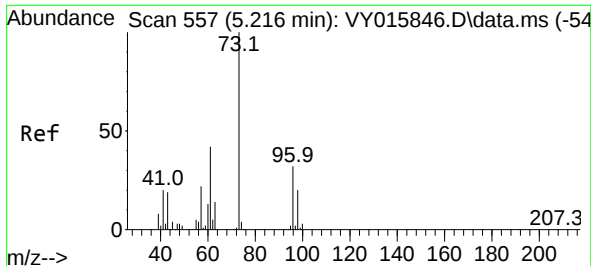
Tgt Ion: 73 Resp: 277352
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 42.719 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 84 Resp: 96409
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 36.4 33.2 49.8
86 63.7 51.0 76.6

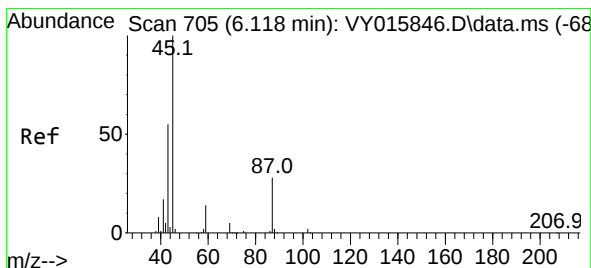
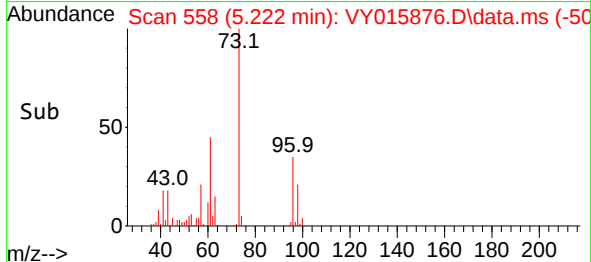
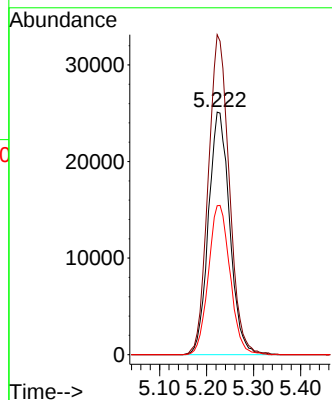
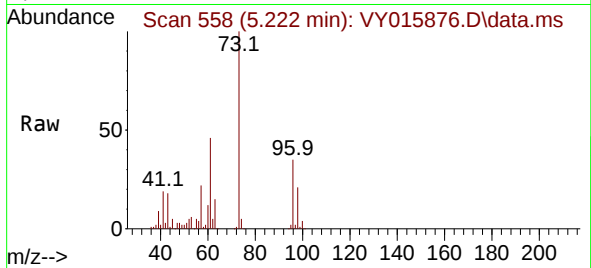




#21
trans-1,2-Dichloroethene
Concen: 51.780 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

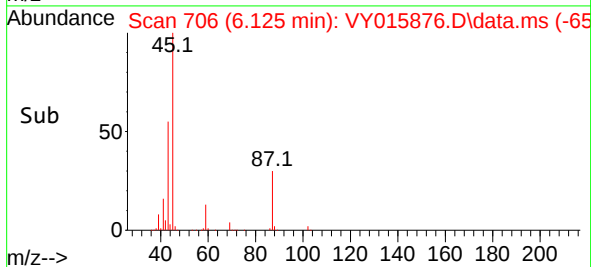
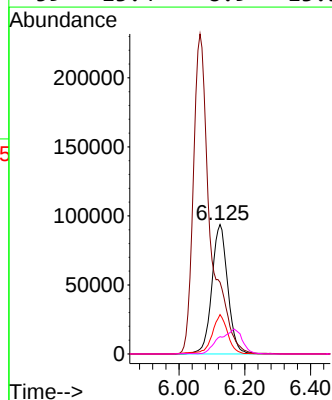
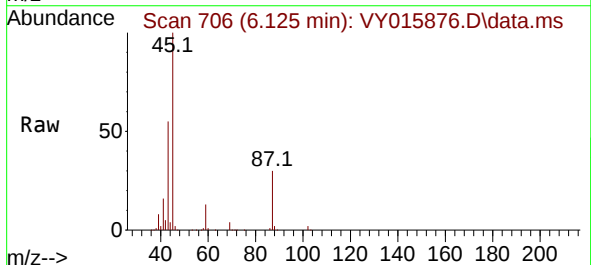
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

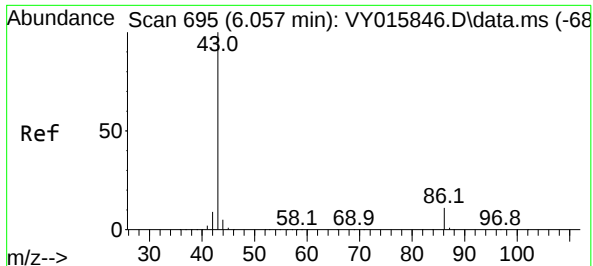
Tgt Ion: 96 Resp: 78756
Ion Ratio Lower Upper
96 100
61 132.0 110.2 165.4
98 61.4 51.8 77.6



#22
Diisopropyl ether
Concen: 48.545 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 45 Resp: 313798
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 30.5 21.0 31.6
59 13.4 8.9 13.3#





#23

Vinyl Acetate

Concen: 211.950 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

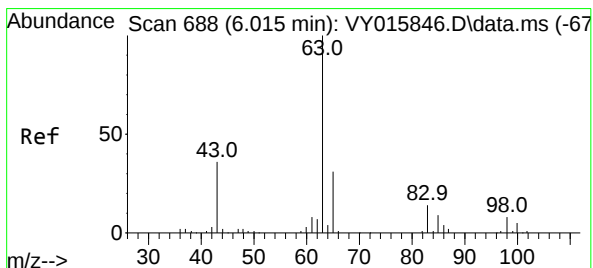
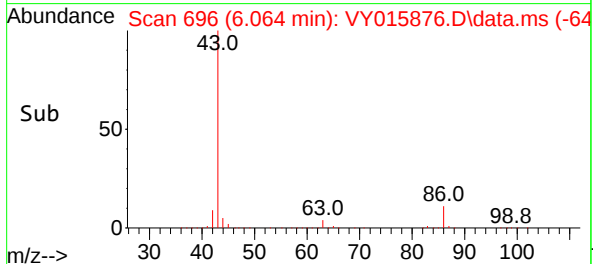
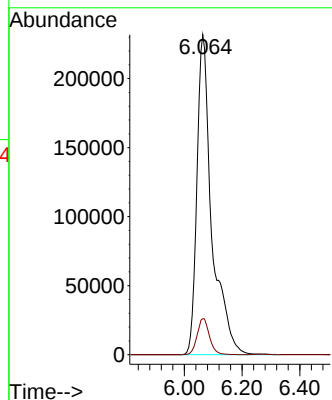
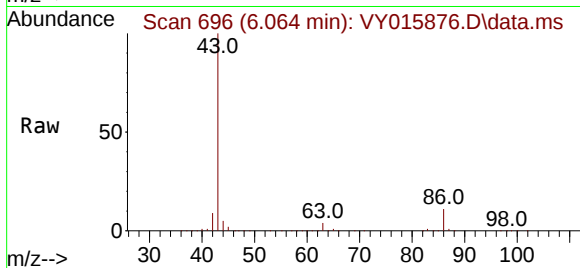
VSTDCCC050

Tgt Ion: 43 Resp: 829247

Ion Ratio Lower Upper

43 100

86 11.3 7.5 11.3



#24

1,1-Dichloroethane

Concen: 50.716 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

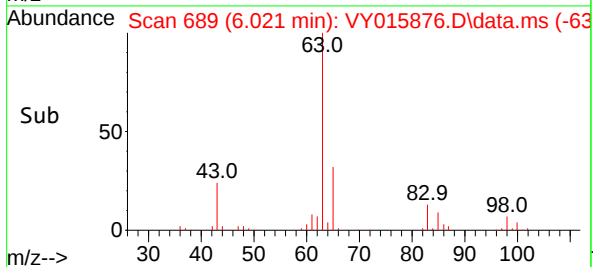
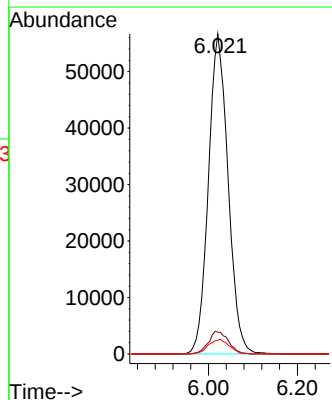
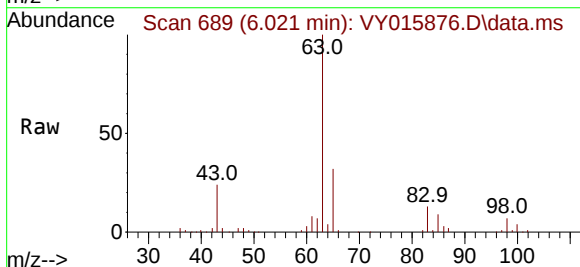
Tgt Ion: 63 Resp: 174089

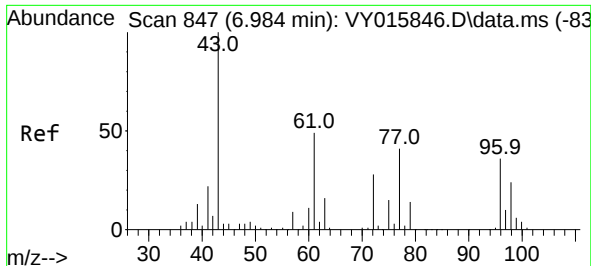
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 164.148 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

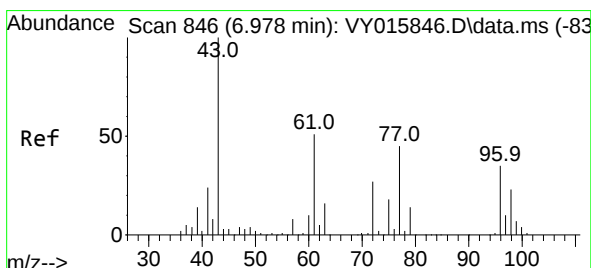
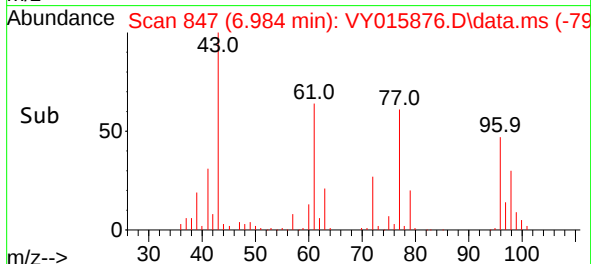
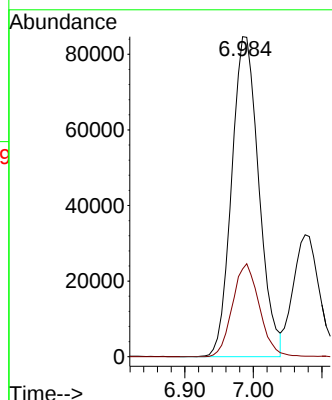
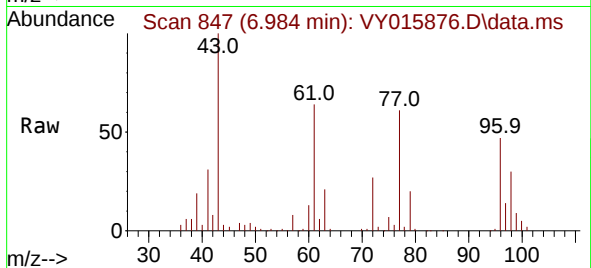
VSTDCCC050

Tgt Ion: 43 Resp: 233434

Ion Ratio Lower Upper

43 100

72 27.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.770 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015876.D

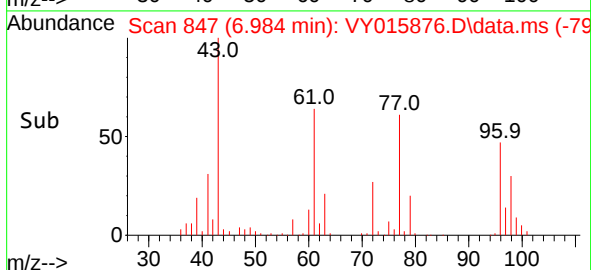
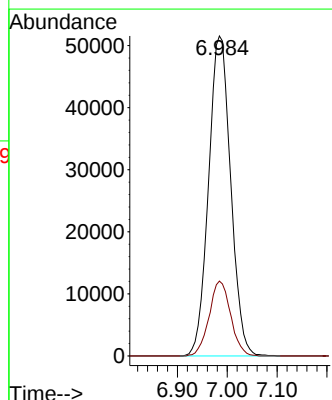
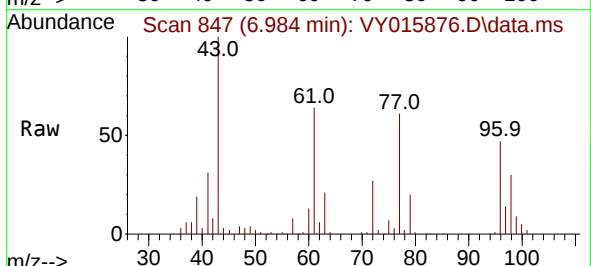
Acq: 09 Oct 2023 11:26

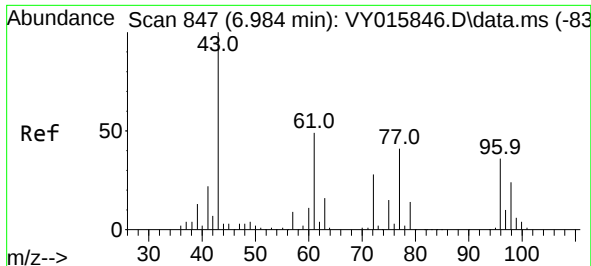
Tgt Ion: 77 Resp: 158757

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.548 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

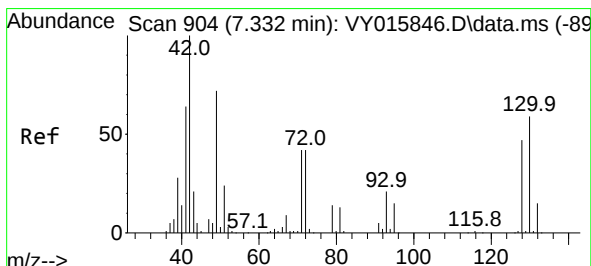
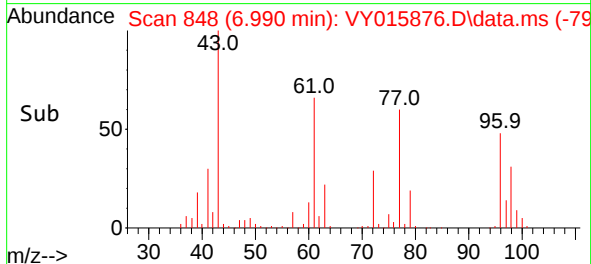
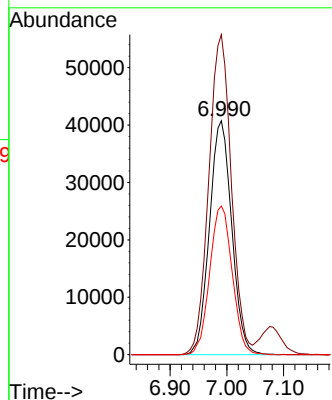
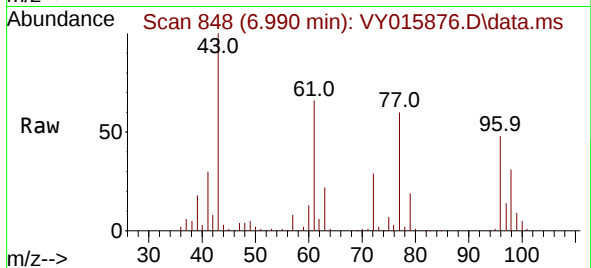
Tgt Ion: 96 Resp: 111137

Ion Ratio Lower Upper

96 100

61 138.5 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 44.599 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

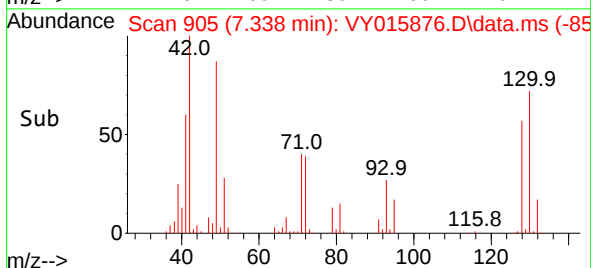
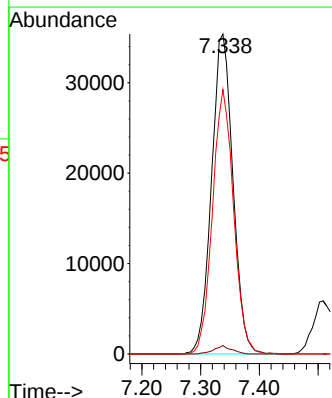
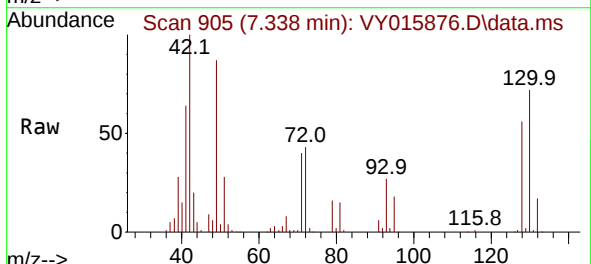
Tgt Ion: 49 Resp: 89529

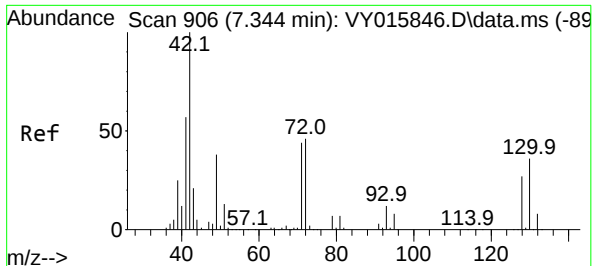
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 169.689 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050

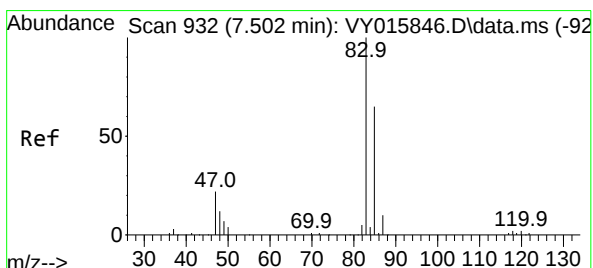
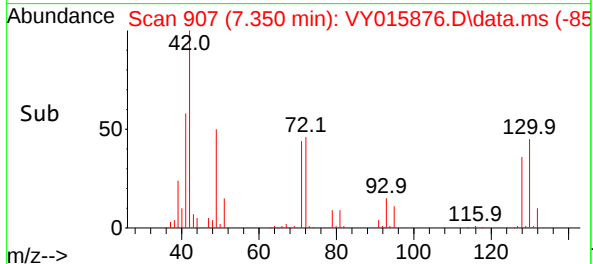
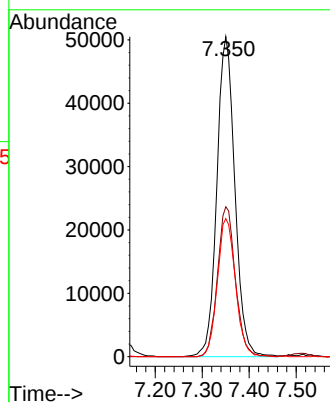
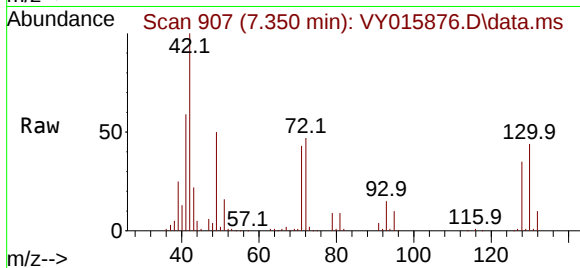
Tgt Ion: 42 Resp: 134650

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 49.756 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY015876.D

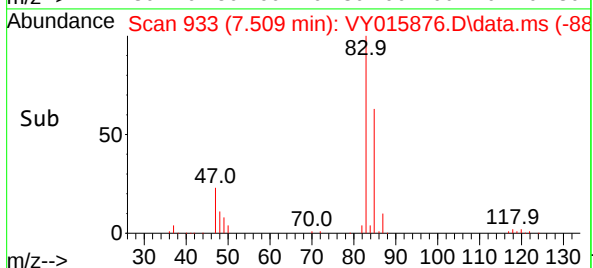
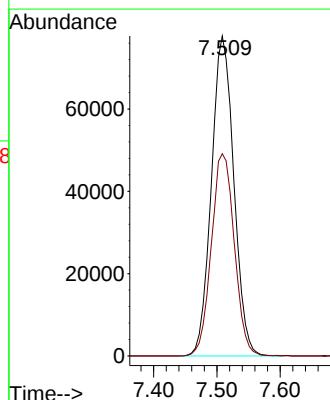
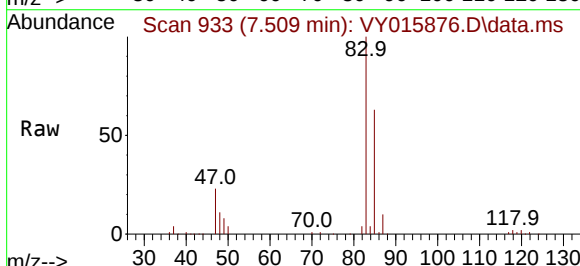
Acq: 09 Oct 2023 11:26

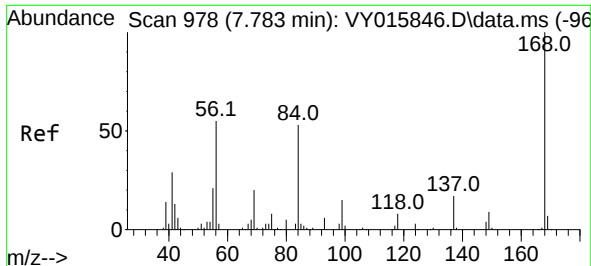
Tgt Ion: 83 Resp: 191057

Ion Ratio Lower Upper

83 100

85 63.2 49.7 74.5

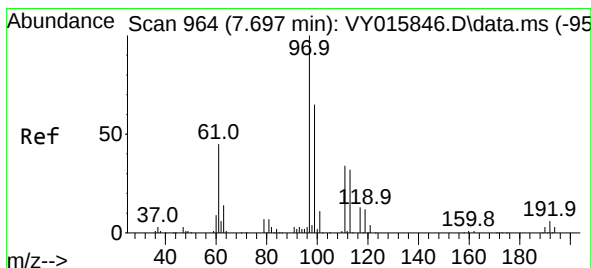
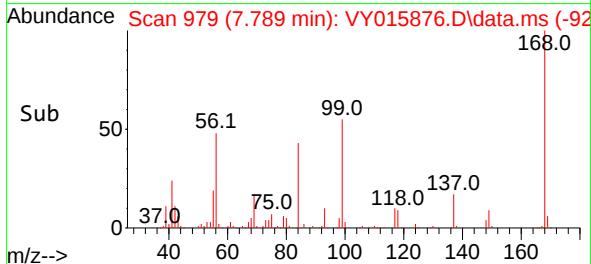
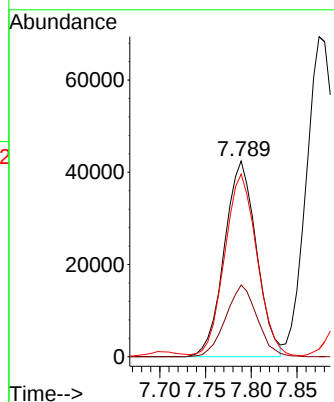
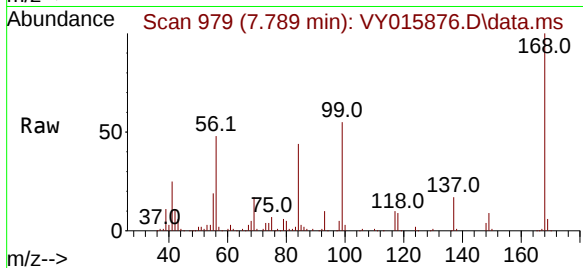




#31
Cyclohexane
Concen: 46.113 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

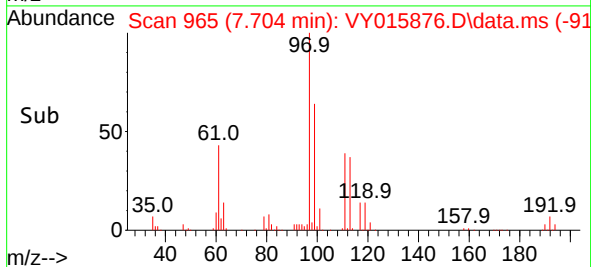
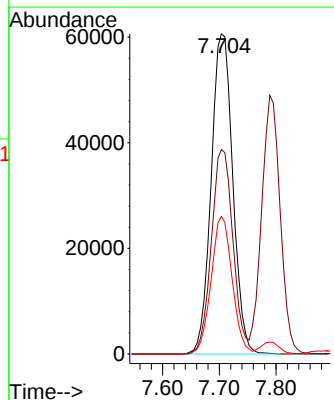
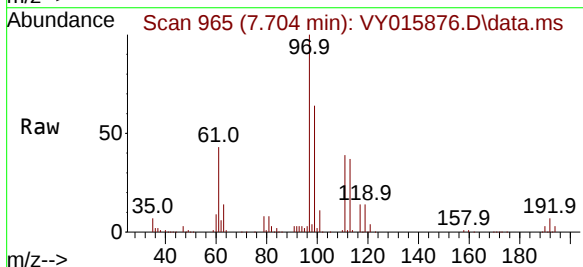
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

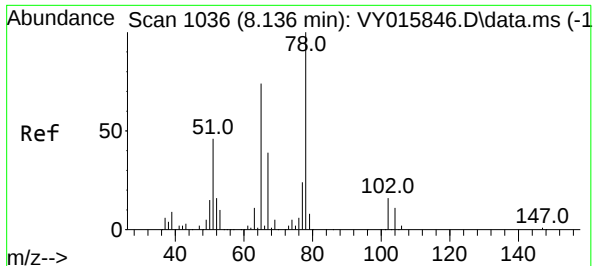
Tgt Ion: 56 Resp: 103722
Ion Ratio Lower Upper
56 100
69 36.7 27.8 41.6
84 91.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.047 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 97 Resp: 160242
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.260 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

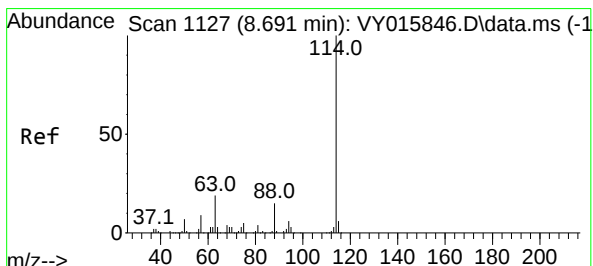
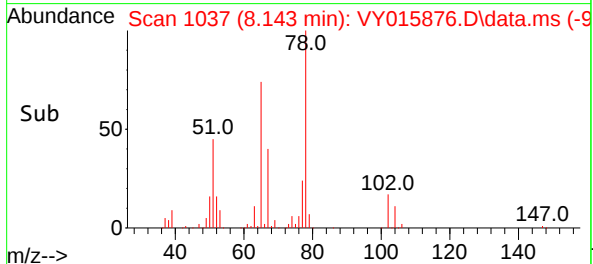
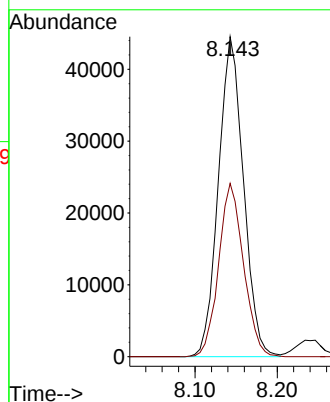
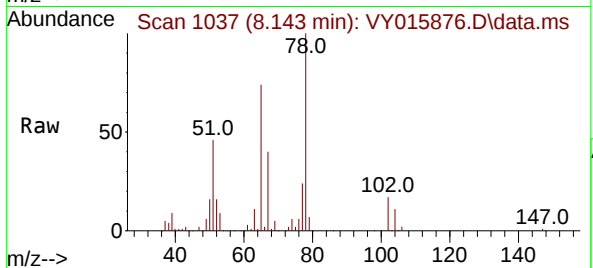
VSTDCCC050

Tgt Ion: 65 Resp: 94307

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

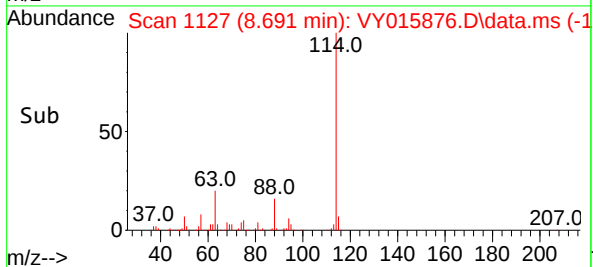
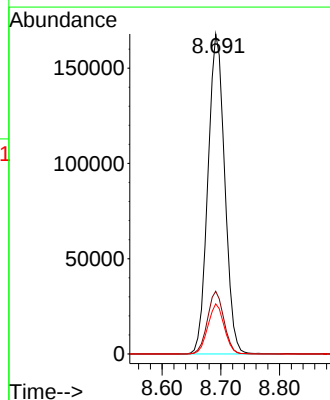
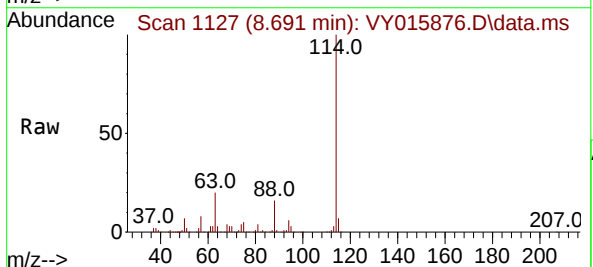
Tgt Ion:114 Resp: 333221

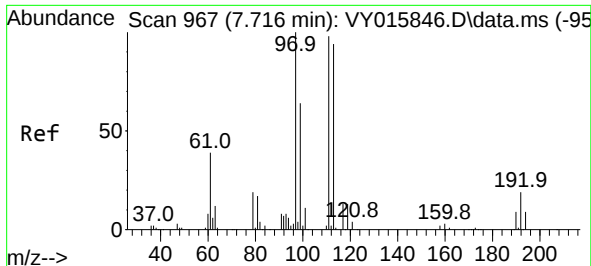
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.6 0.0 30.6

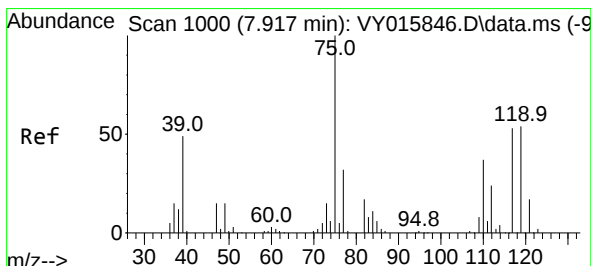
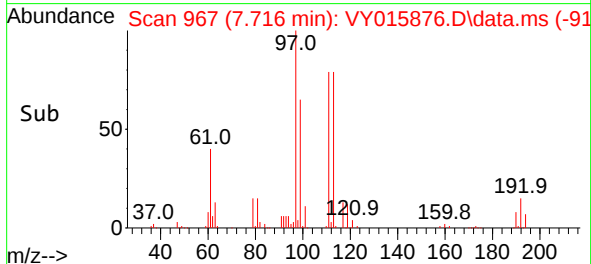
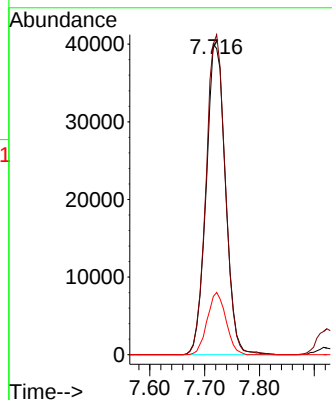
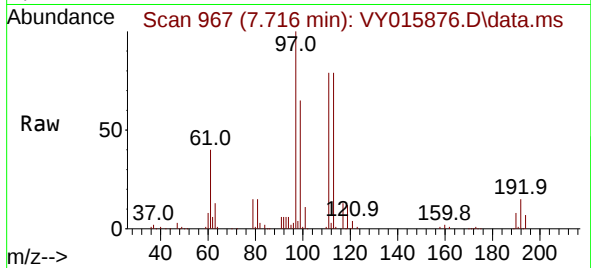




#35
Dibromofluoromethane
Concen: 51.502 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

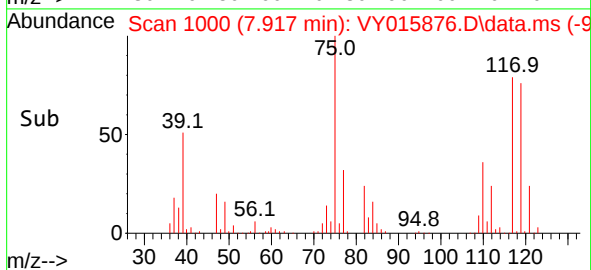
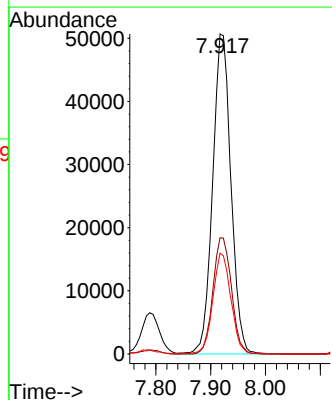
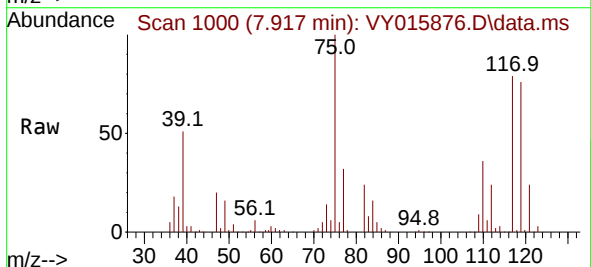
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

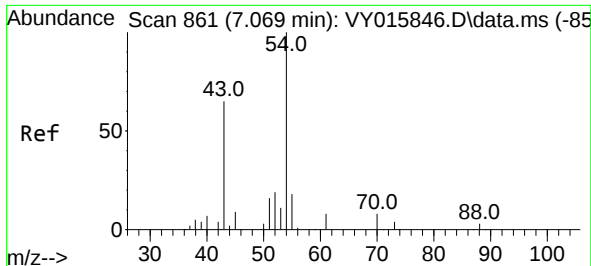
Tgt Ion:113 Resp: 97821
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.863 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 75 Resp: 117521
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 35.244 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

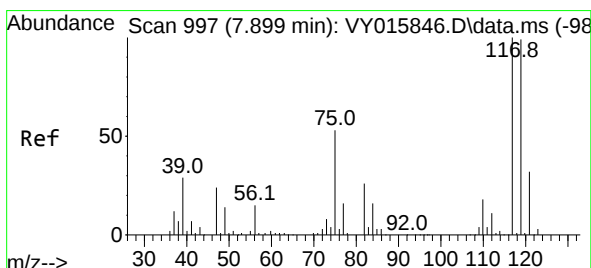
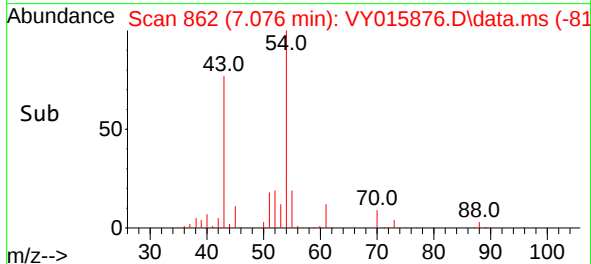
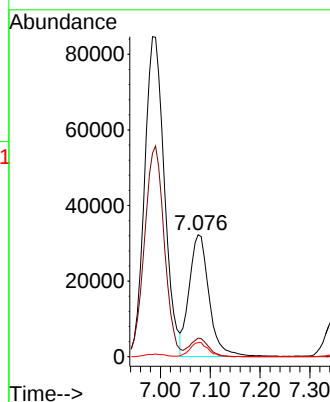
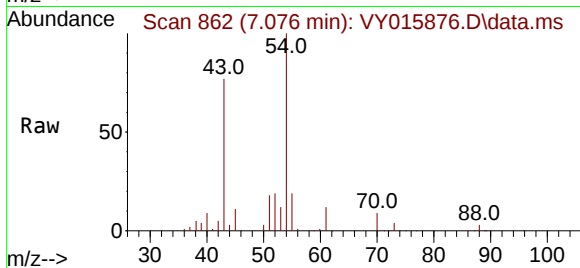
Tgt Ion: 43 Resp: 89372

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.578 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

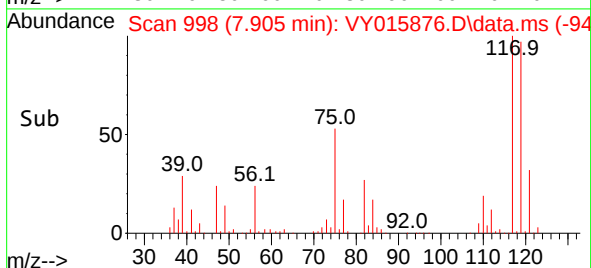
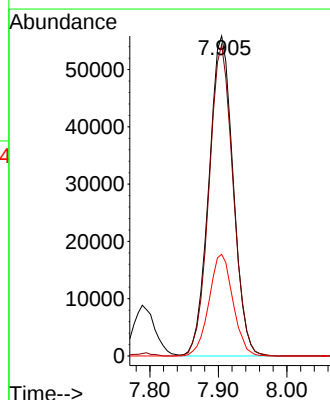
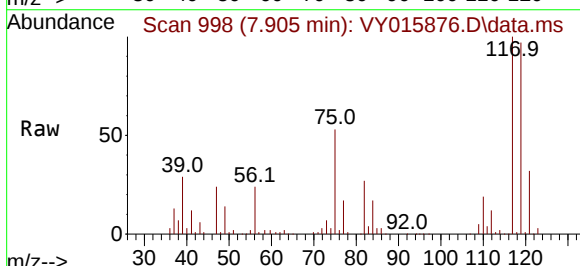
Tgt Ion: 117 Resp: 137425

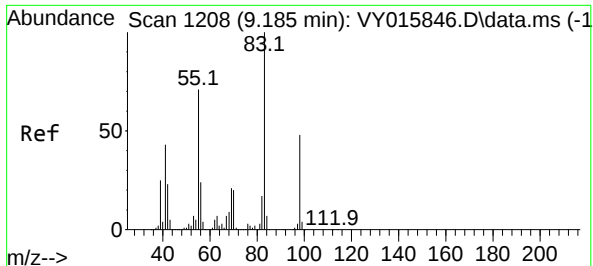
Ion Ratio Lower Upper

117 100

119 97.3 76.4 114.6

121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 50.395 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

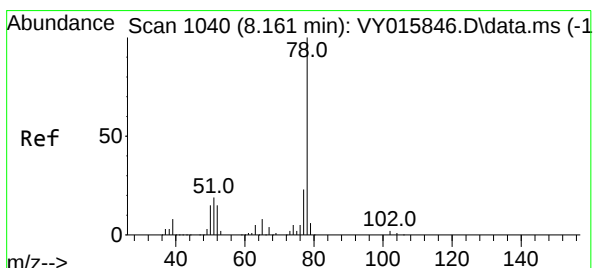
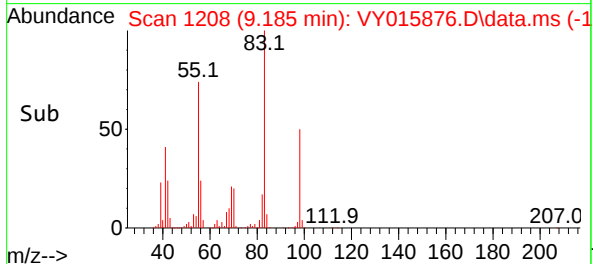
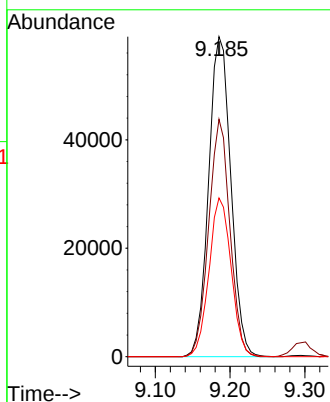
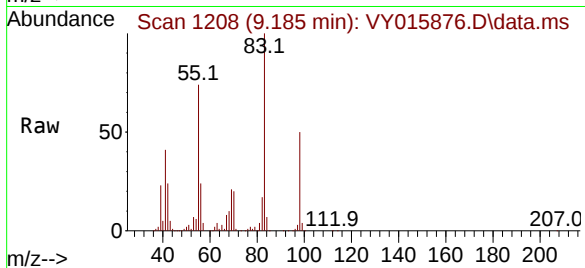
Tgt Ion: 83 Resp: 122128

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 49.6 37.4 56.2



#40

Benzene

Concen: 50.835 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015876.D

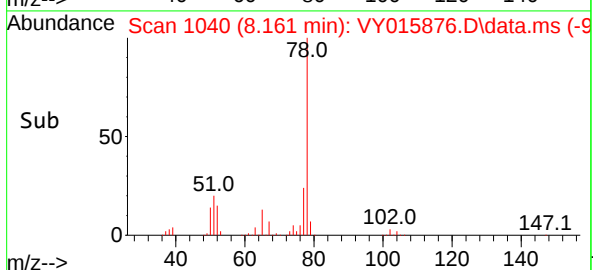
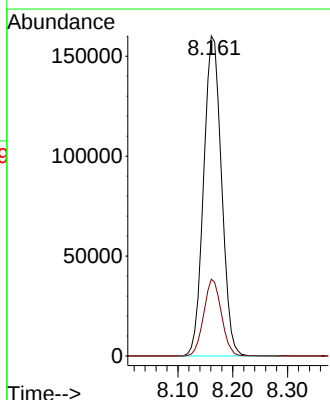
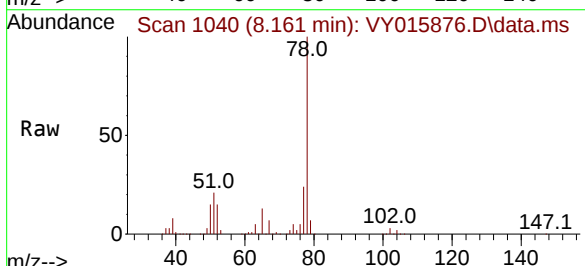
Acq: 09 Oct 2023 11:26

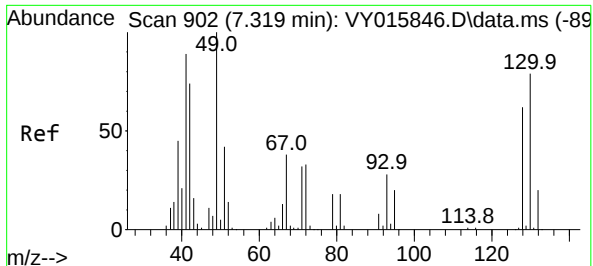
Tgt Ion: 78 Resp: 361463

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

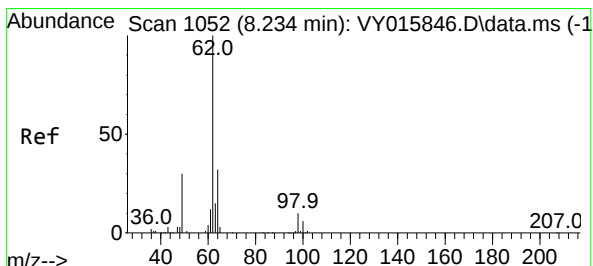
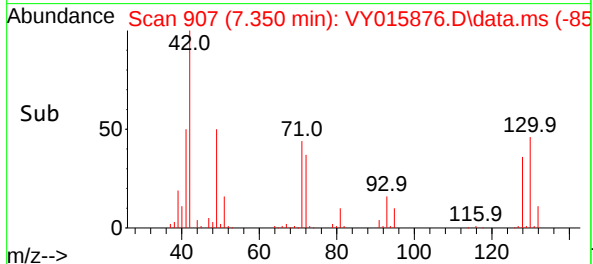
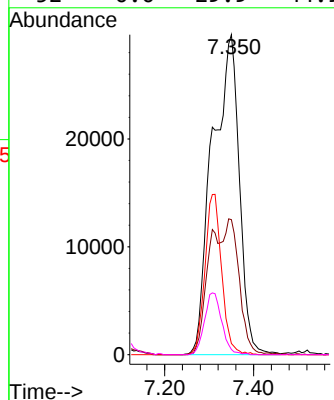
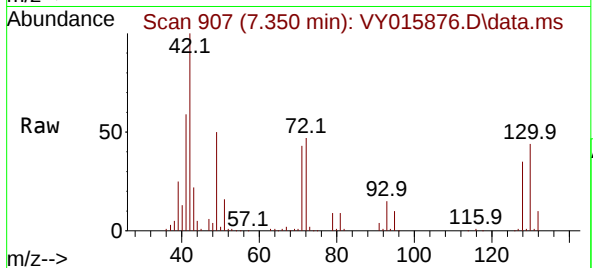




#41
Methacrylonitrile
Concen: 102.390 ug/l
RT: 7.350 min Scan# 902
Delta R.T. 0.031 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

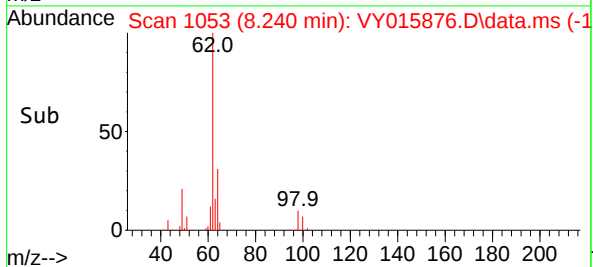
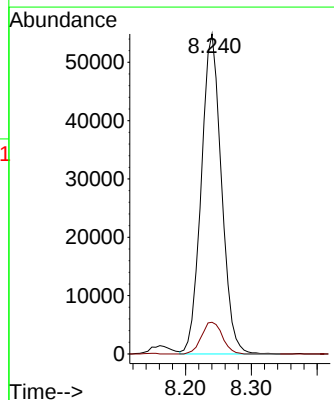
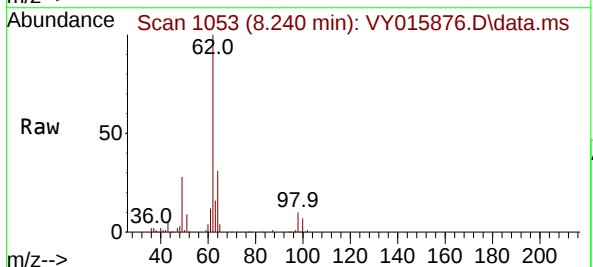
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

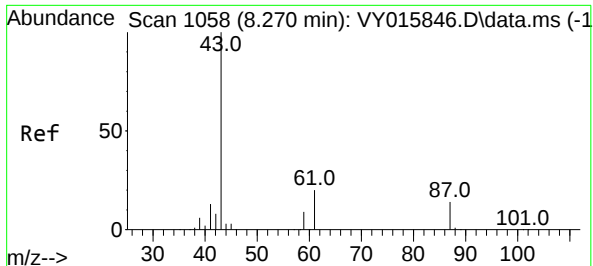
Tgt Ion: 41 Resp: 124300
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 45.774 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 62 Resp: 117188
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

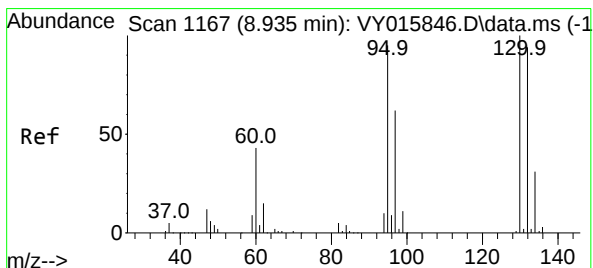
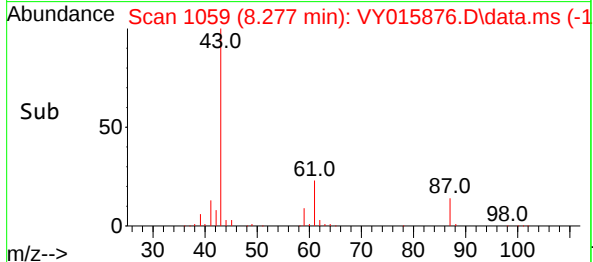
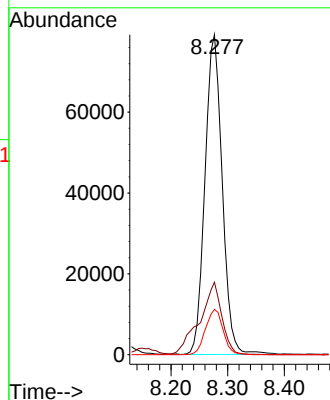
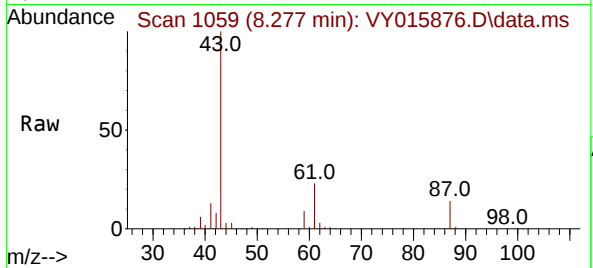




#43
Isopropyl Acetate
Concen: 38.258 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

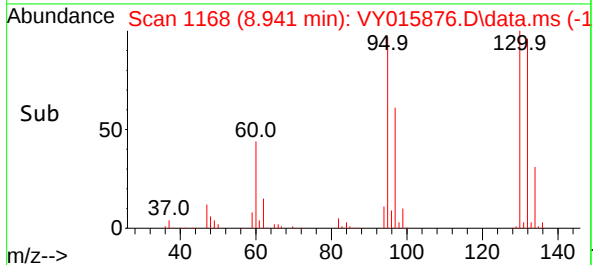
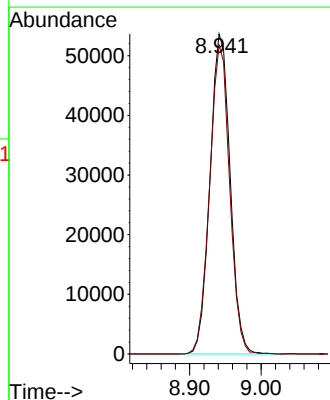
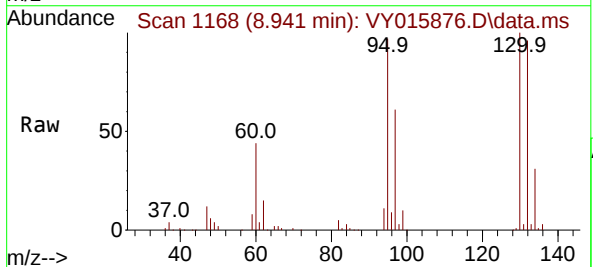
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

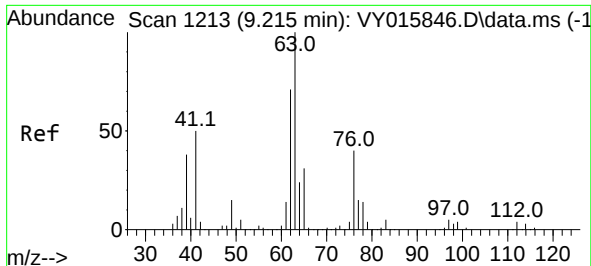
Tgt Ion: 43 Resp: 166981
Ion Ratio Lower Upper
43 100
61 29.2 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 50.367 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion:130 Resp: 104812
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.576 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

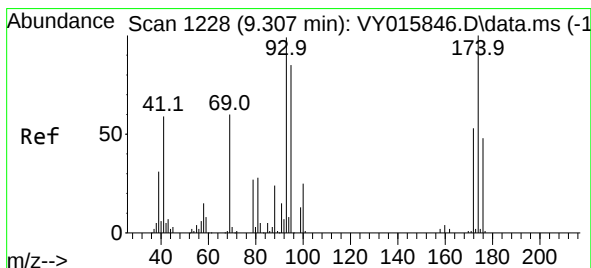
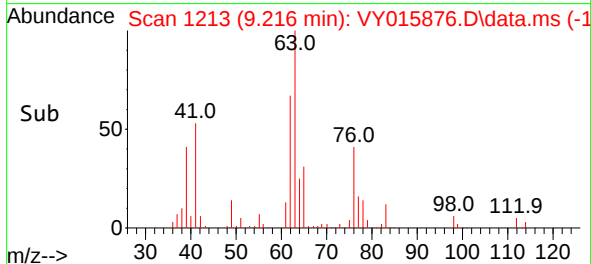
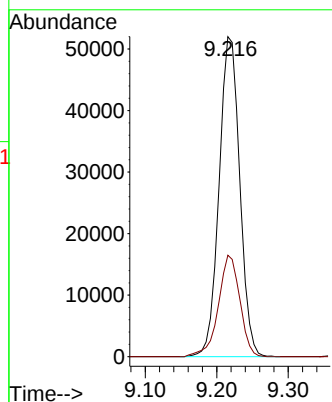
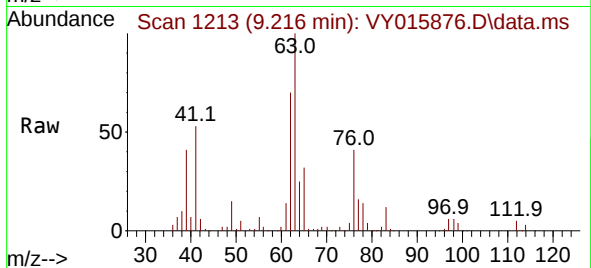
VSTDCCC050

Tgt Ion: 63 Resp: 104266

Ion Ratio Lower Upper

63 100

65 31.7 23.8 35.6



#46

Dibromomethane

Concen: 45.640 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

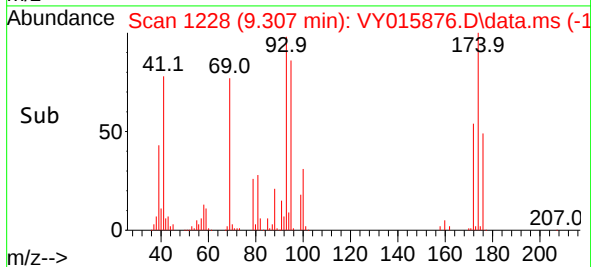
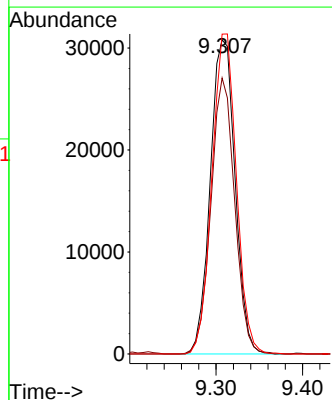
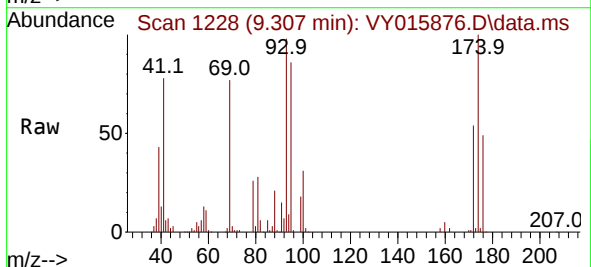
Tgt Ion: 93 Resp: 61367

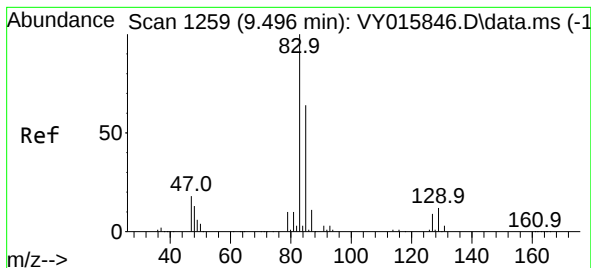
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 100.1 84.8 127.2





#47

Bromodichloromethane

Concen: 49.219 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

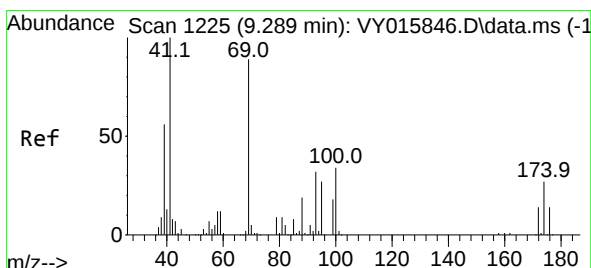
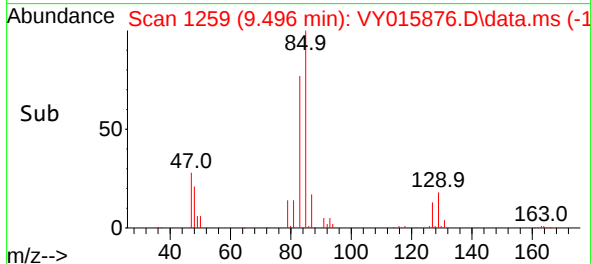
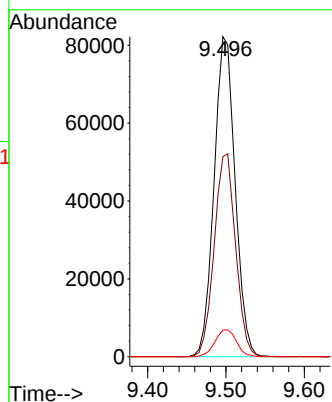
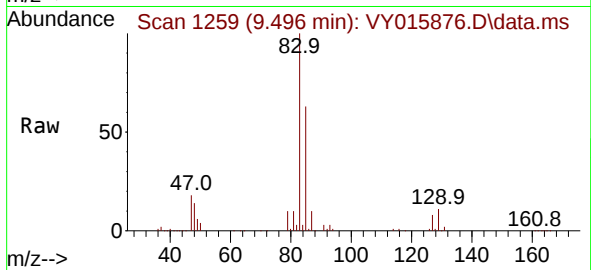
Tgt Ion: 83 Resp: 153615

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 37.950 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

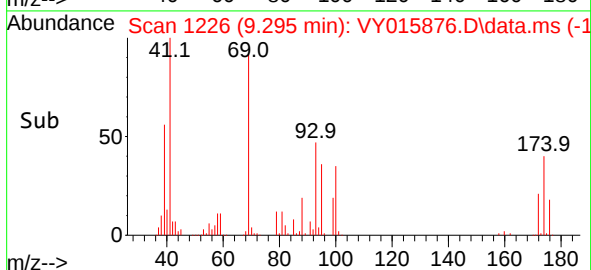
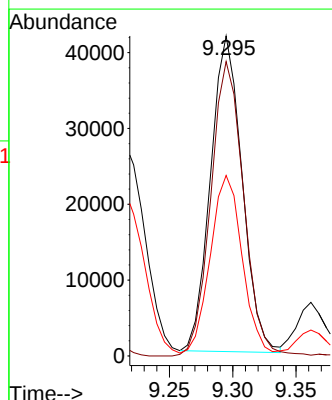
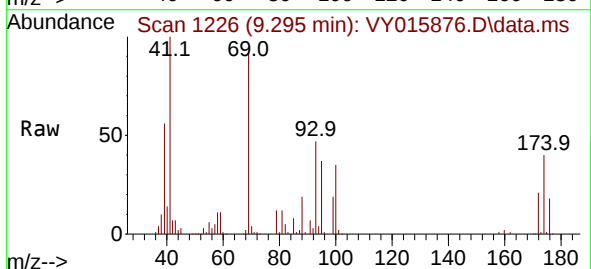
Tgt Ion: 41 Resp: 72342

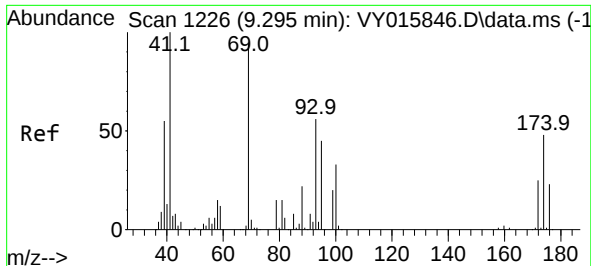
Ion Ratio Lower Upper

41 100

69 96.7 64.5 96.7

39 58.4 50.8 76.2





#49

1,4-Dioxane

Concen: 660.010 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

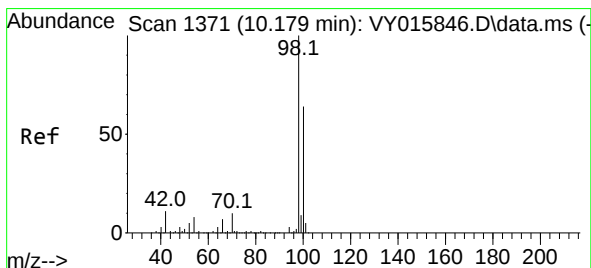
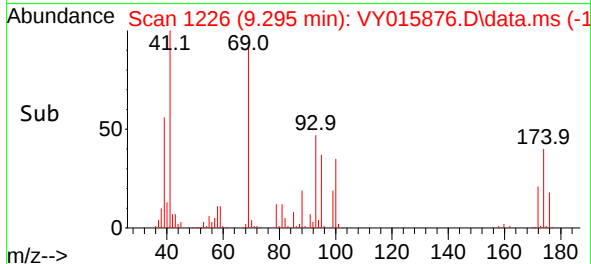
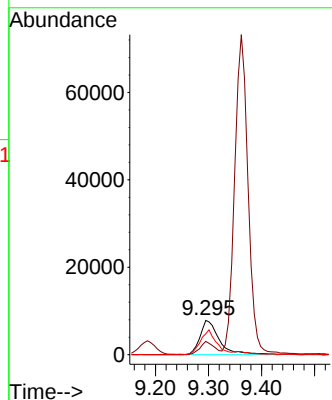
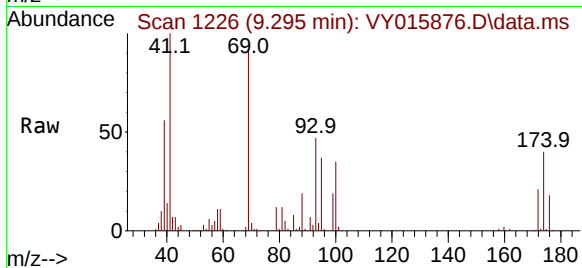
Tgt Ion: 88 Resp: 19879

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 59.8 30.9 46.3#



#50

Toluene-d8

Concen: 53.515 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015876.D

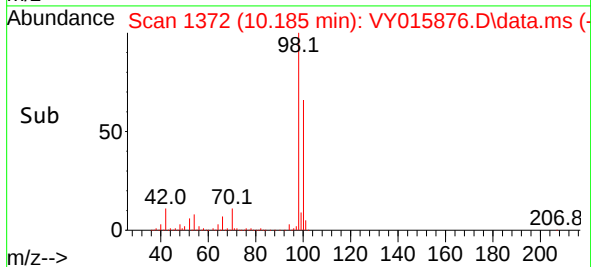
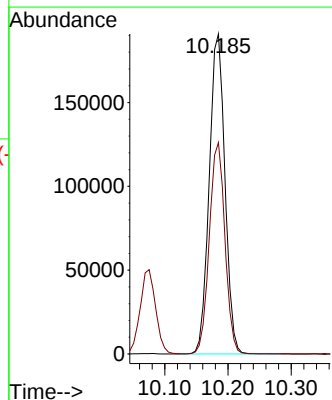
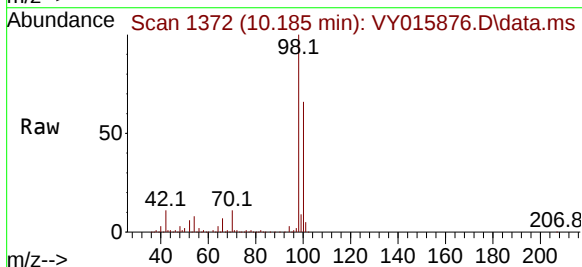
Acq: 09 Oct 2023 11:26

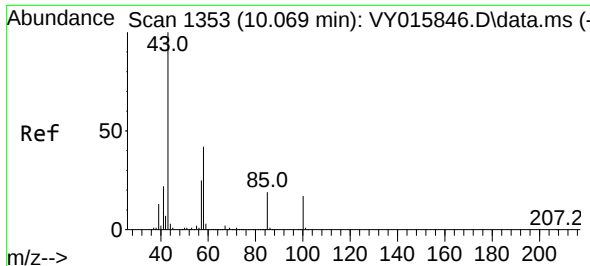
Tgt Ion: 98 Resp: 330014

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

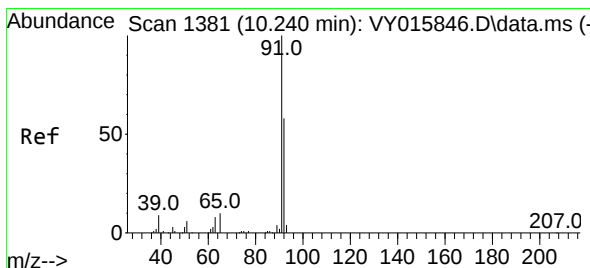
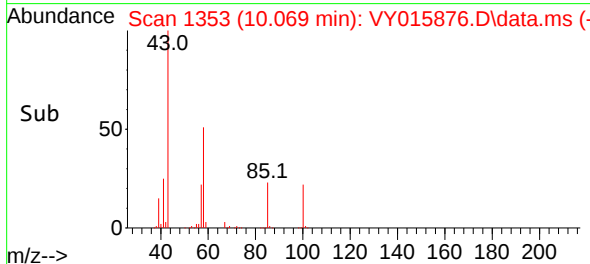
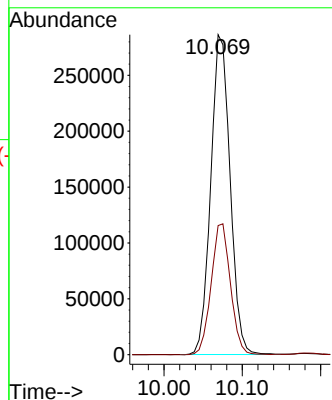
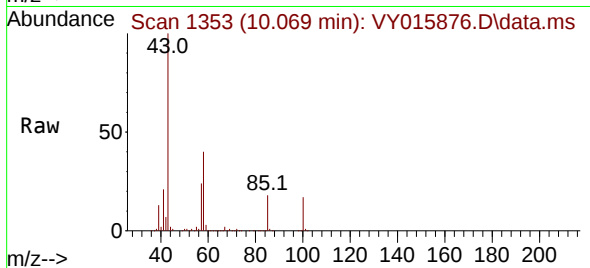




#51
4-Methyl-2-Pentanone
Concen: 179.904 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

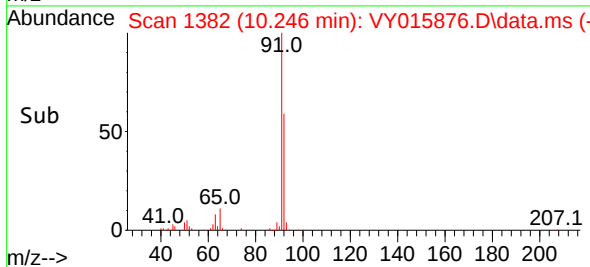
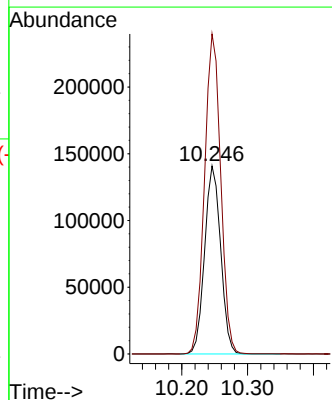
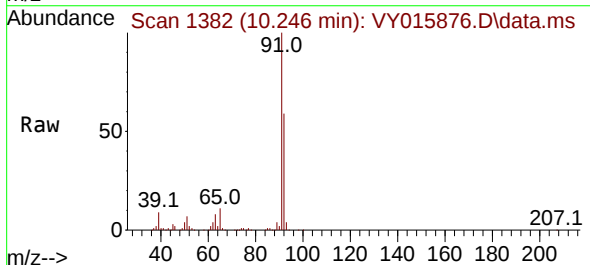
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

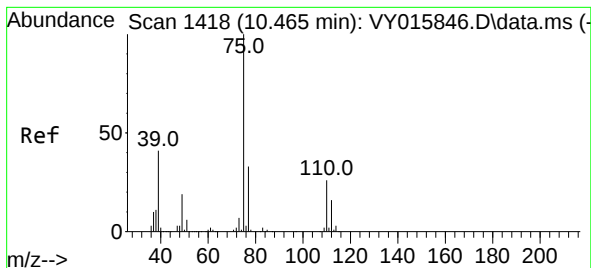
Tgt Ion: 43 Resp: 491214
Ion Ratio Lower Upper
43 100
58 40.8 29.0 43.6



#52
Toluene
Concen: 51.260 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 92 Resp: 238474
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

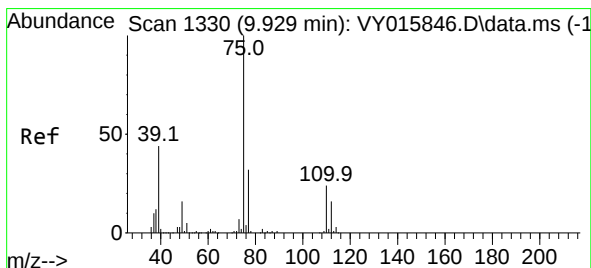
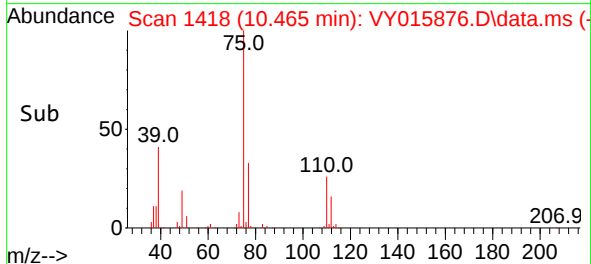
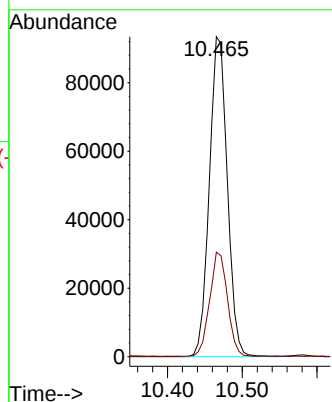
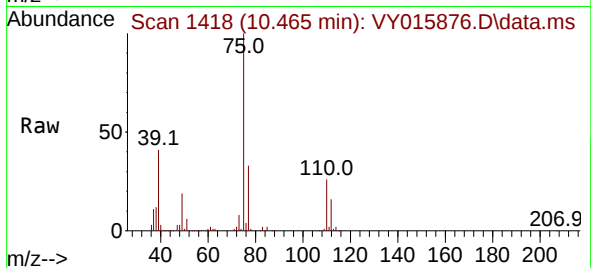




#53
t-1,3-Dichloropropene
Concen: 47.648 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

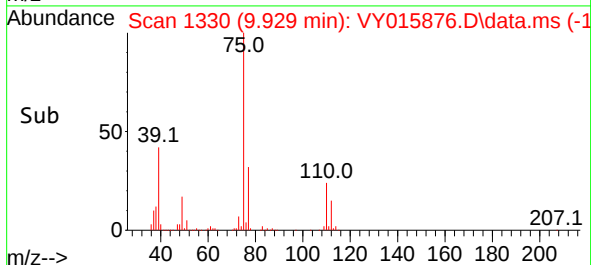
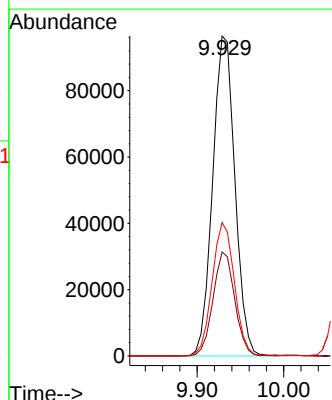
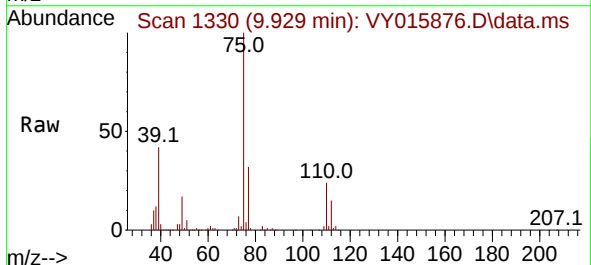
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

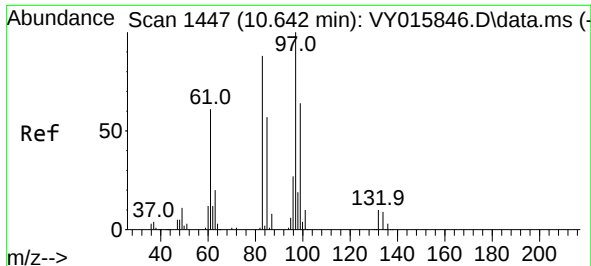
Tgt Ion: 75 Resp: 156039
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 49.581 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 75 Resp: 172372
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 41.7 42.2 63.4#

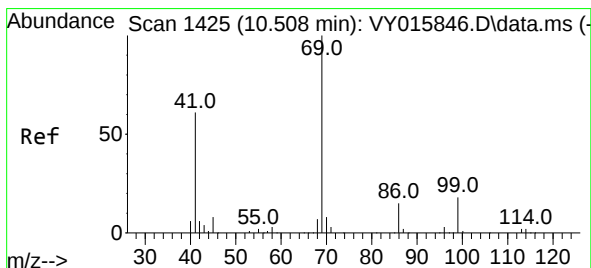
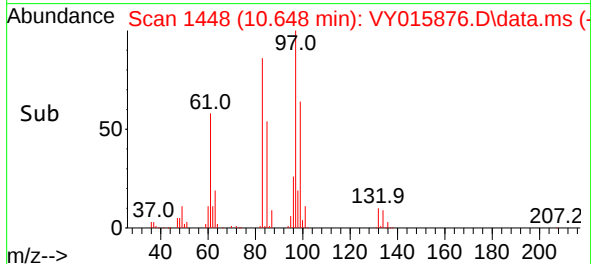
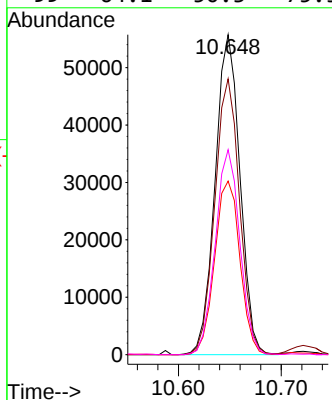
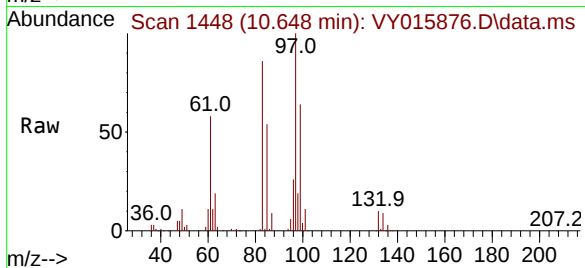




#55
1,1,2-Trichloroethane
Concen: 44.331 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

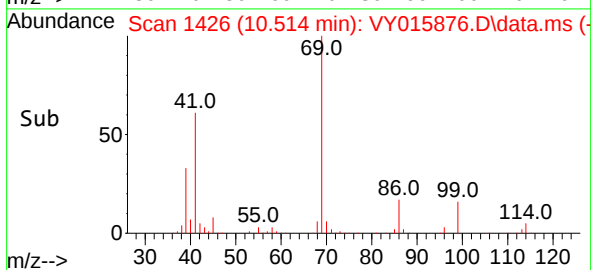
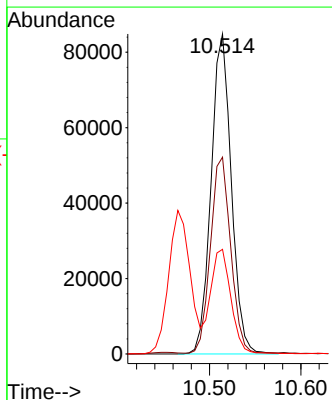
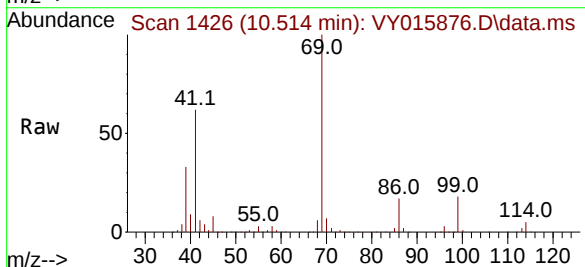
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

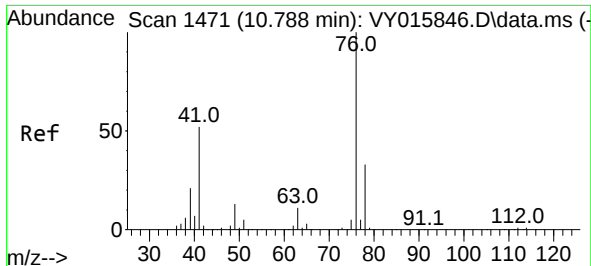
Tgt Ion:	97	Resp:	93643
Ion	Ratio	Lower	Upper
97	100		
83	86.2	72.0	108.0
85	54.3	45.4	68.0
99	64.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 42.695 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion:	69	Resp:	130764
Ion	Ratio	Lower	Upper
69	100		
41	61.9	57.6	86.4
39	33.2	34.1	51.1#

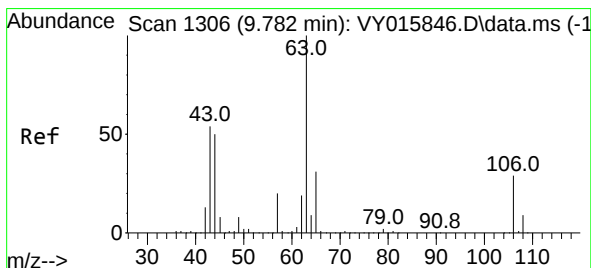
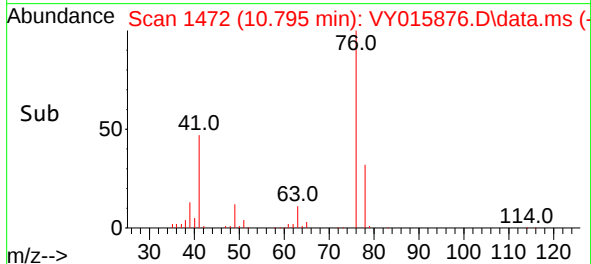
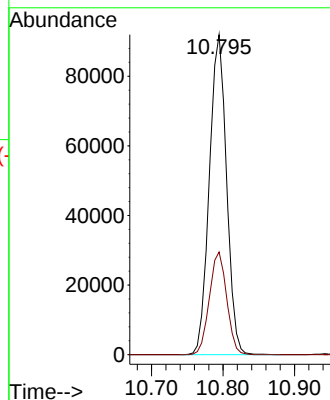
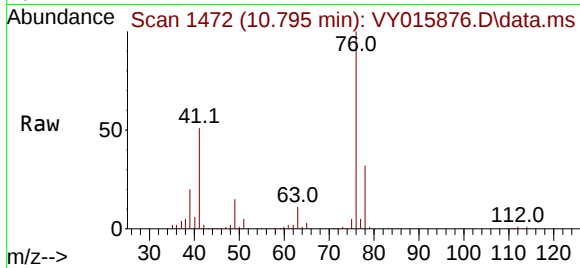




#57
1,3-Dichloropropane
Concen: 45.437 ug/l
RT: 10.795 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

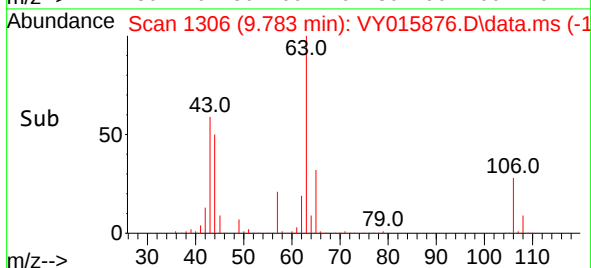
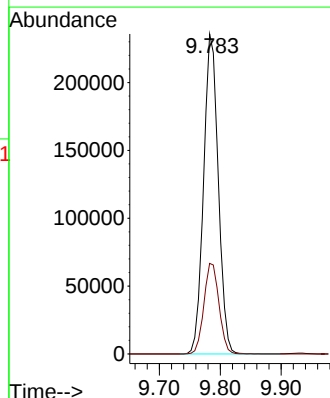
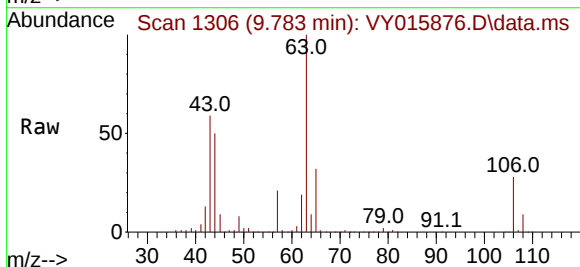
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

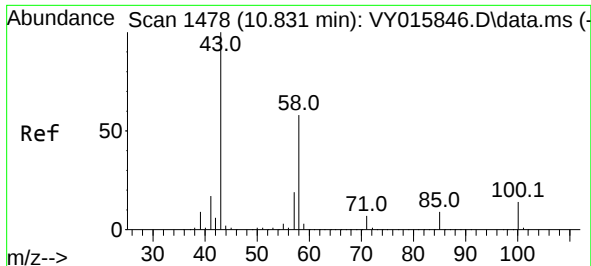
Tgt Ion: 76 Resp: 153443
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 221.615 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 63 Resp: 395496
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

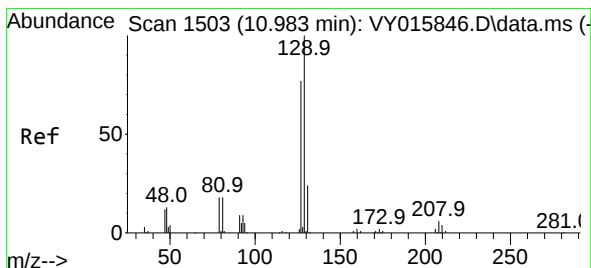
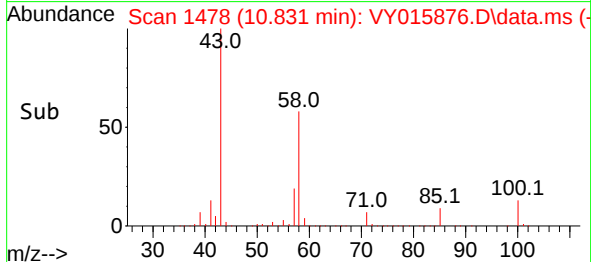
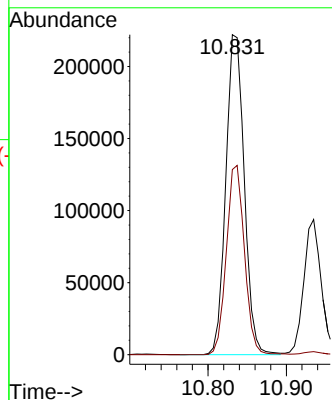
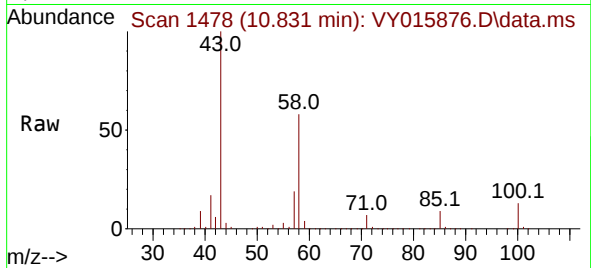




#59
2-Hexanone
Concen: 171.743 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

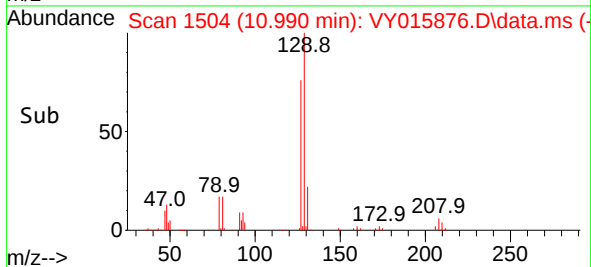
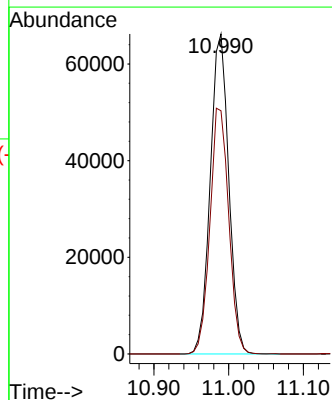
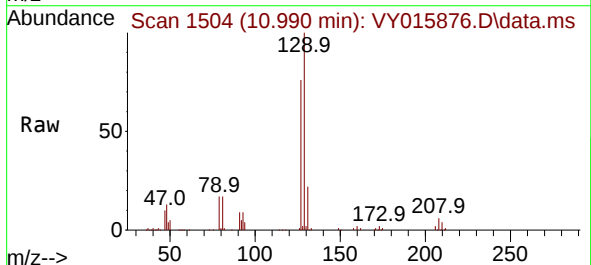
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

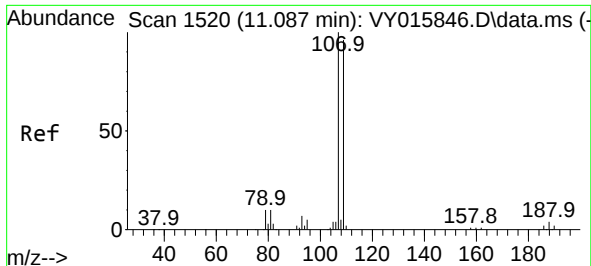
Tgt Ion: 43 Resp: 363878
Ion Ratio Lower Upper
43 100
58 58.0 25.1 75.3



#60
Dibromochloromethane
Concen: 46.627 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 129 Resp: 113761
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

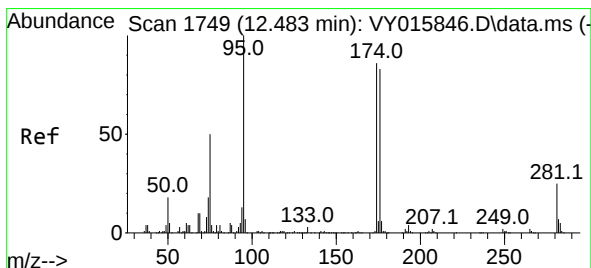
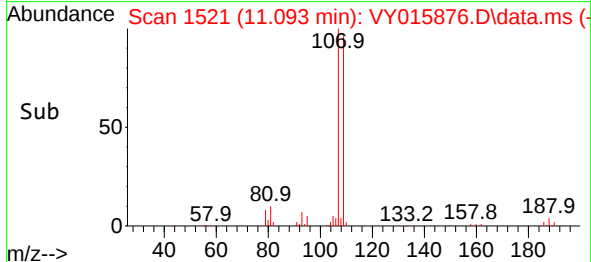
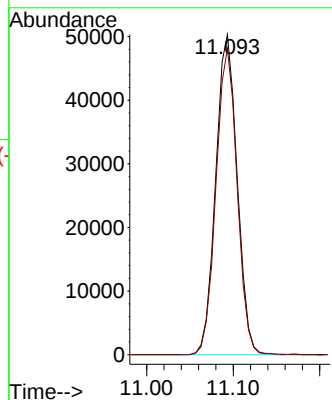
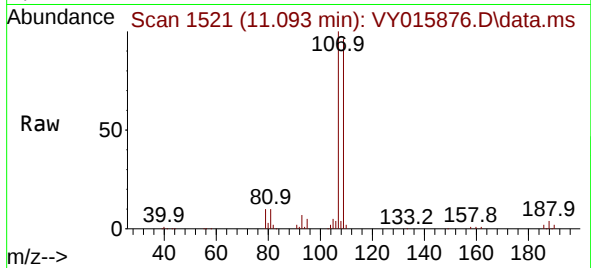




#61
1,2-Dibromoethane
Concen: 43.746 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

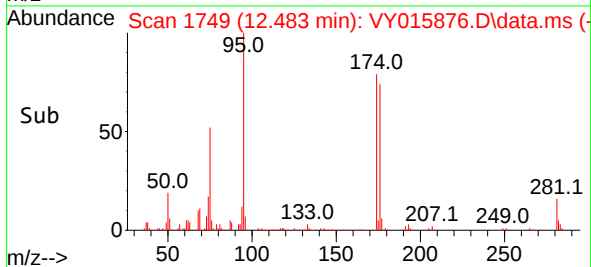
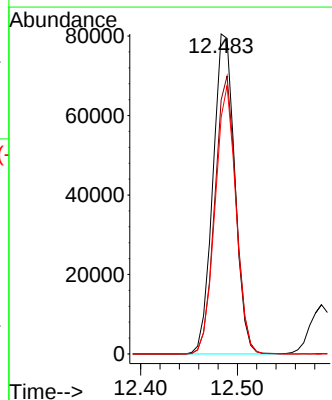
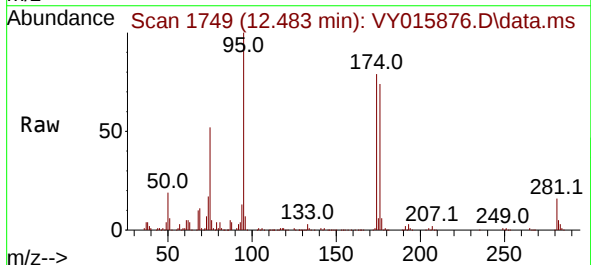
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

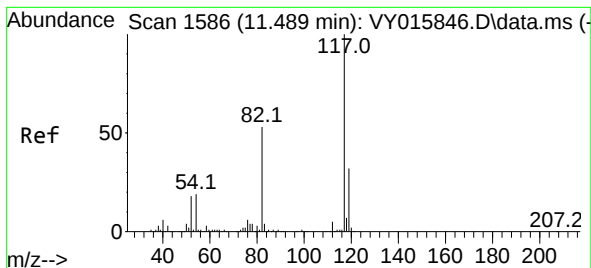
Tgt Ion:107 Resp: 86357
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.163 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 95 Resp: 126444
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 80.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

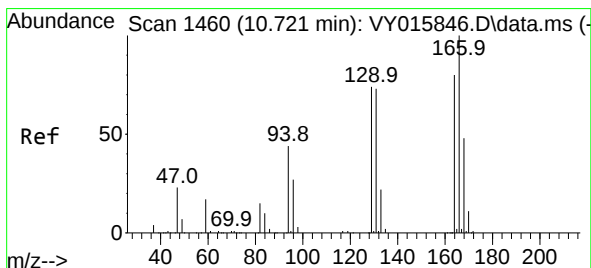
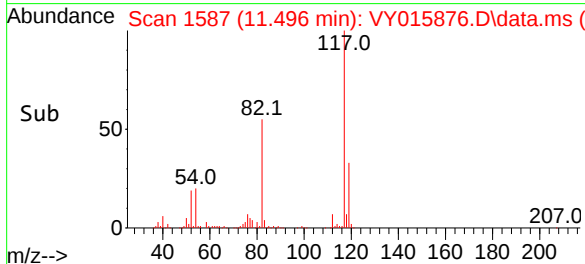
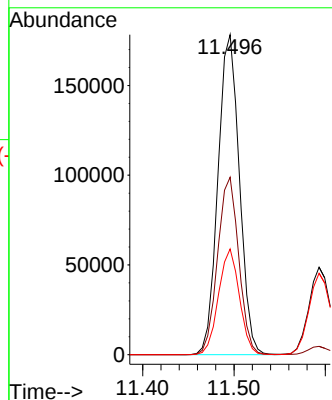
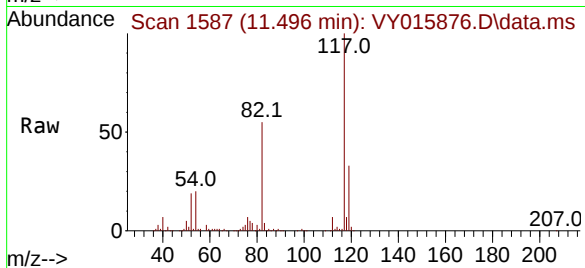
Tgt Ion:117 Resp: 290689

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 33.1 26.3 39.5



#64

Tetrachloroethene

Concen: 52.583 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Tgt Ion:164 Resp: 107439

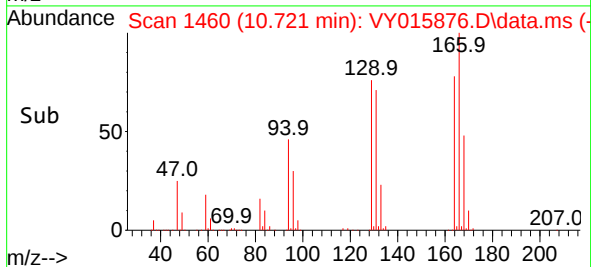
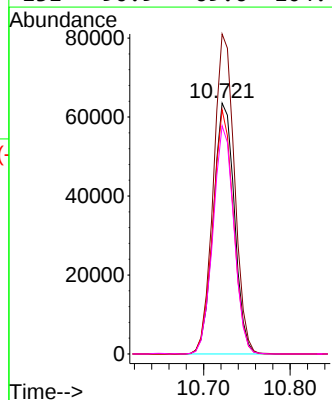
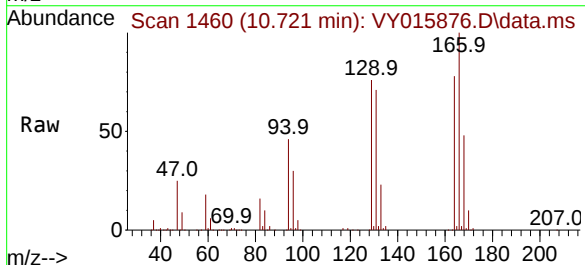
Ion Ratio Lower Upper

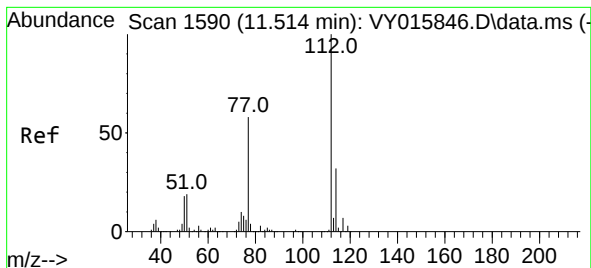
164 100

166 127.6 103.0 154.6

129 97.3 77.2 115.8

131 90.9 69.6 104.4

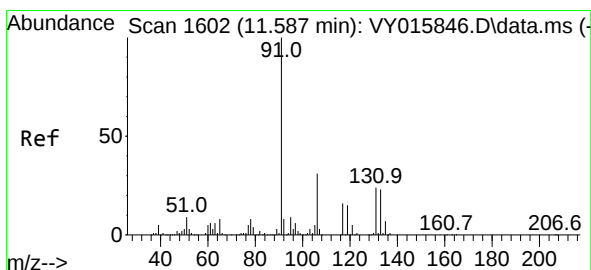
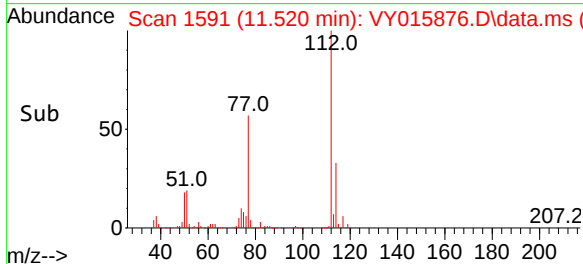
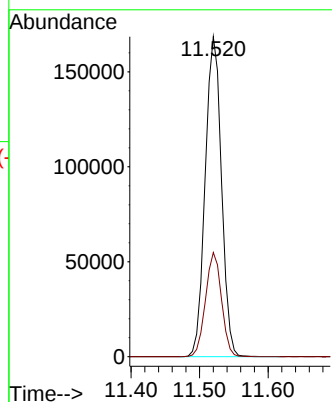
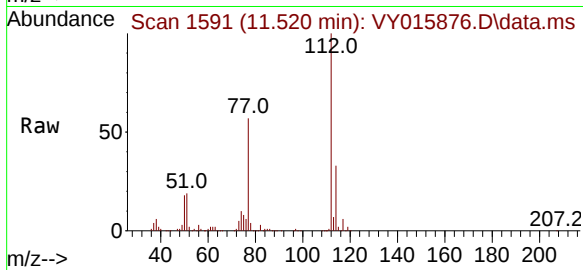




#65
Chlorobenzene
Concen: 51.811 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

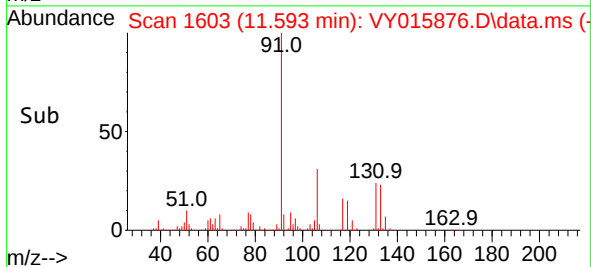
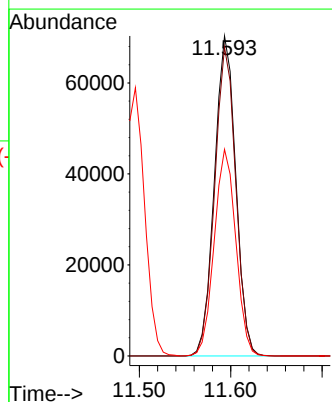
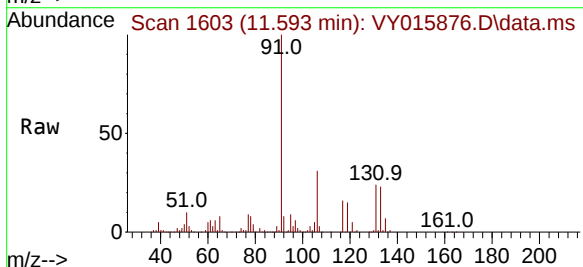
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

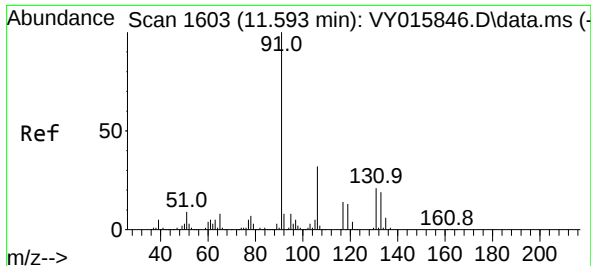
Tgt Ion:112 Resp: 278531
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.604 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion:131 Resp: 114062
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.4 31.6 94.7





#67

Ethyl Benzene

Concen: 52.667 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

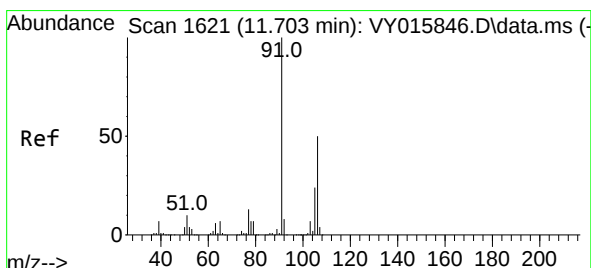
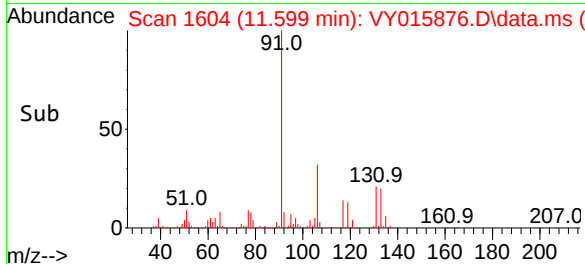
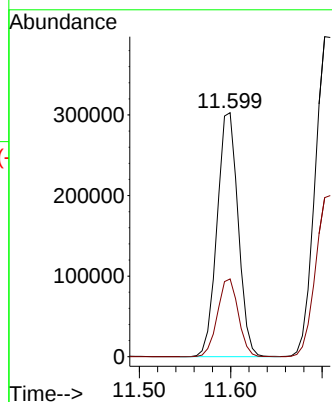
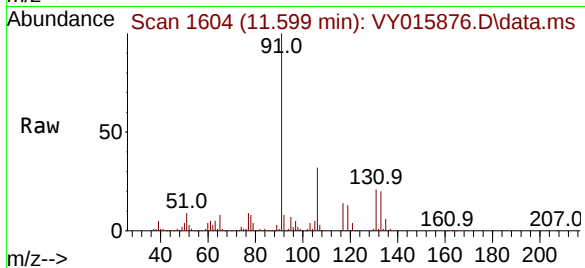
VSTDCCC050

Tgt Ion: 91 Resp: 484597

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 105.533 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015876.D

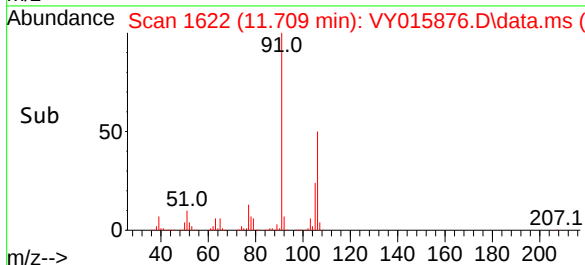
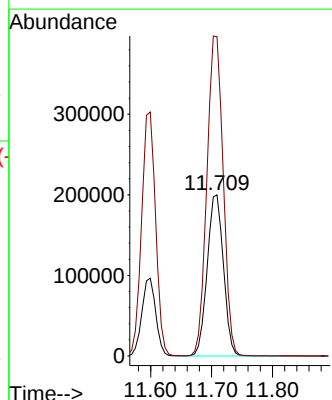
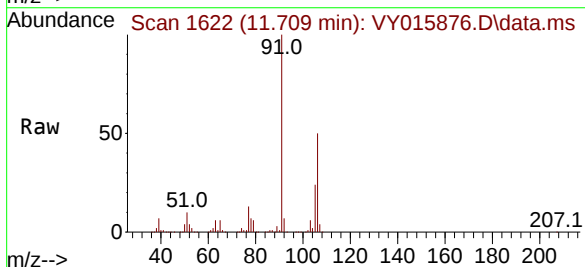
Acq: 09 Oct 2023 11:26

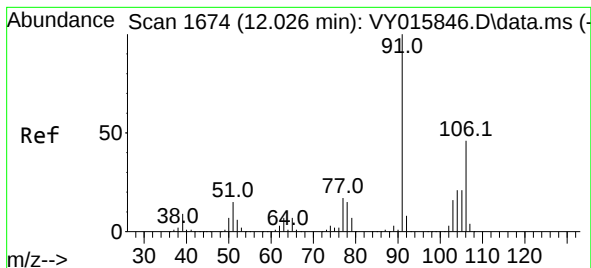
Tgt Ion:106 Resp: 369124

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1





#69

o-Xylene

Concen: 52.207 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

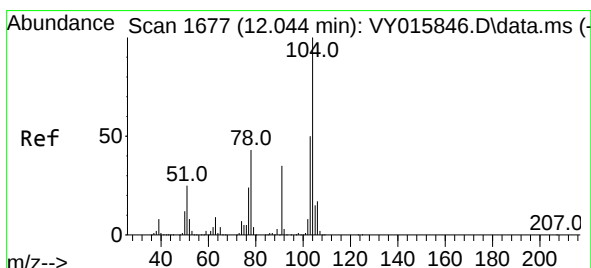
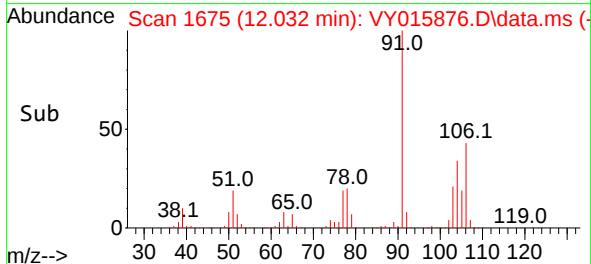
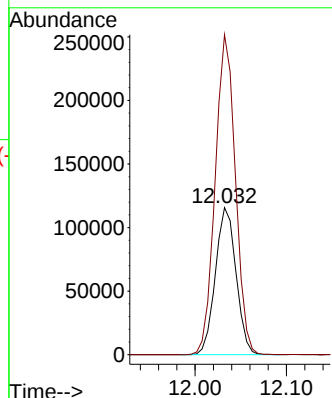
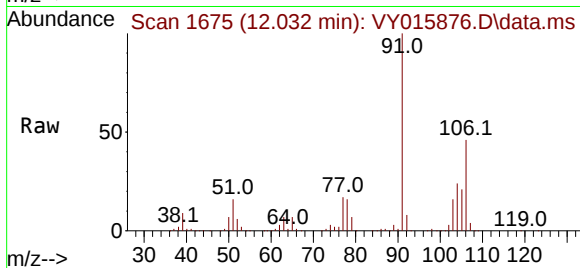
VSTDCCC050

Tgt Ion:106 Resp: 181630

Ion Ratio Lower Upper

106 100

91 213.3 108.1 324.3



#70

Styrene

Concen: 52.651 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

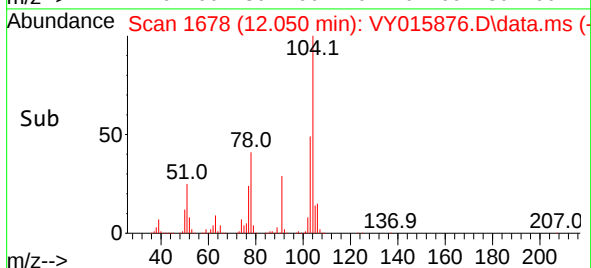
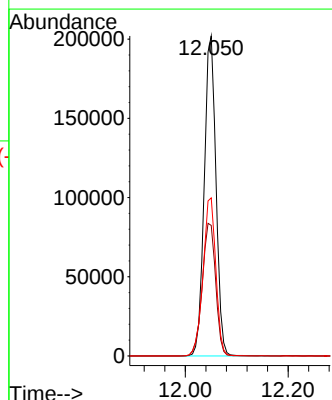
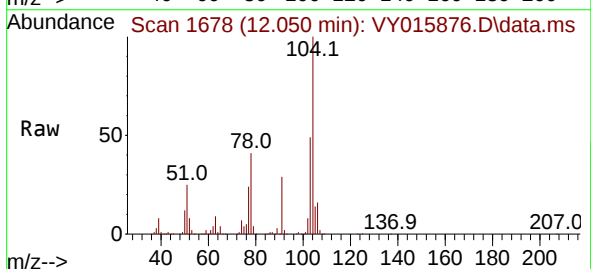
Tgt Ion:104 Resp: 319775

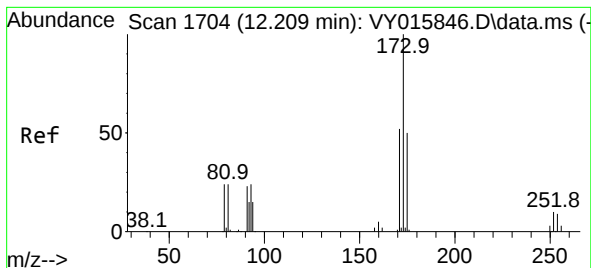
Ion Ratio Lower Upper

104 100

78 47.2 41.5 62.3

103 53.8 44.6 67.0





#71

Bromoform

Concen: 46.325 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

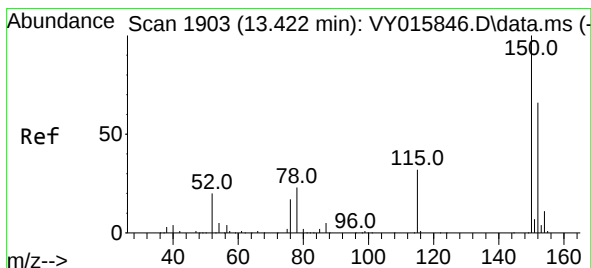
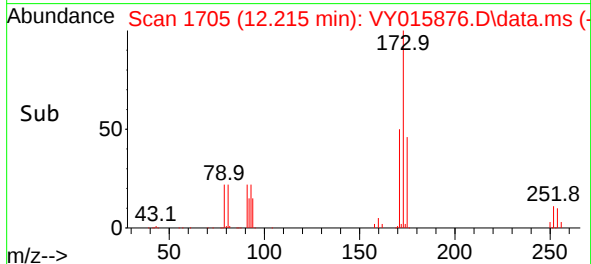
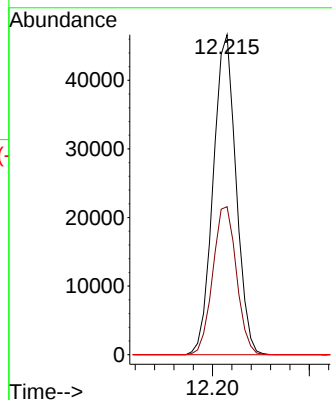
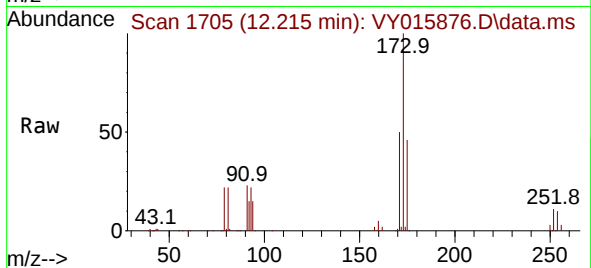
Tgt Ion:173 Resp: 76351

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

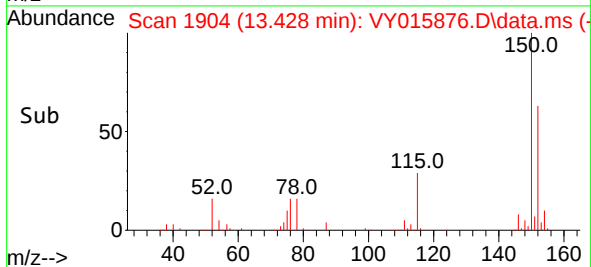
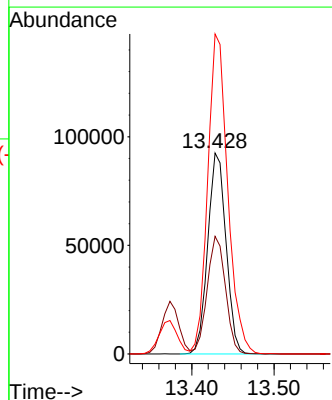
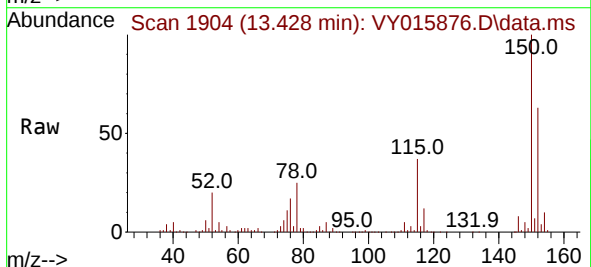
Tgt Ion:152 Resp: 142880

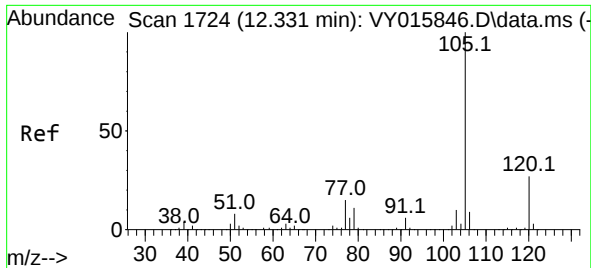
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 174.3 0.0 348.8

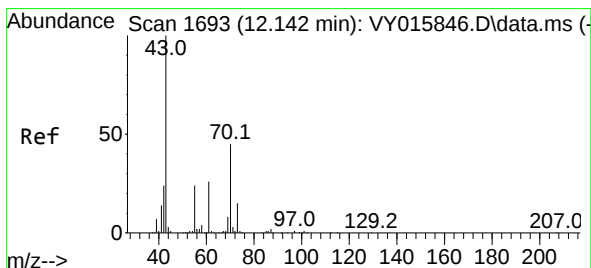
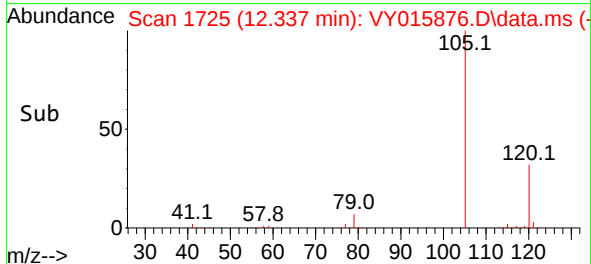
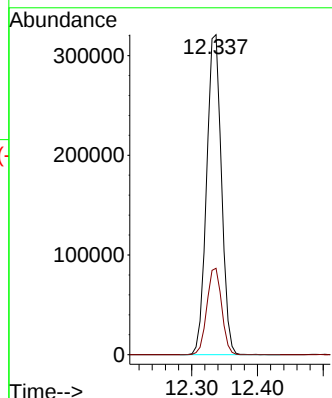
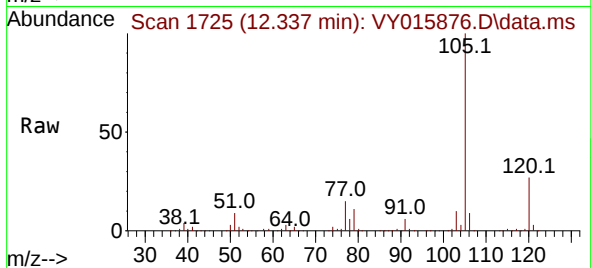




#73
Isopropylbenzene
Concen: 54.326 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

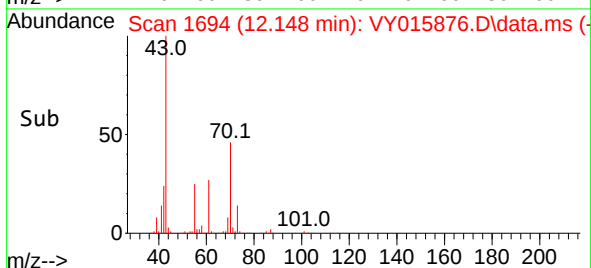
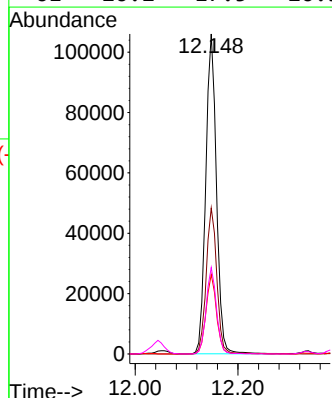
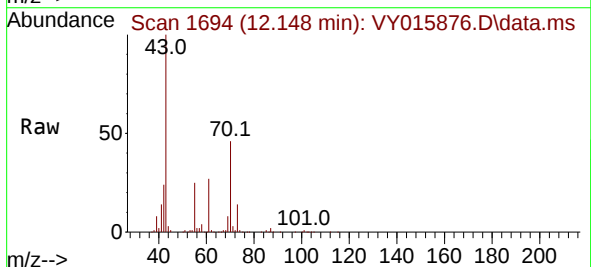
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

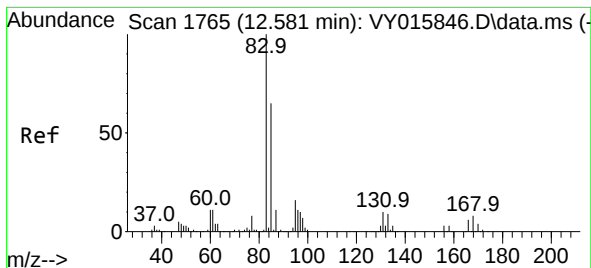
Tgt Ion:105 Resp: 502821
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 42.590 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 43 Resp: 152326
Ion Ratio Lower Upper
43 100
70 45.4 29.7 44.5#
55 24.6 18.3 27.5
61 26.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.985 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

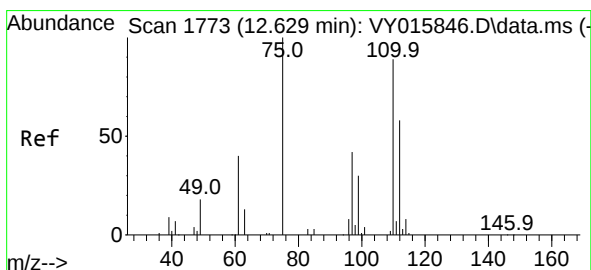
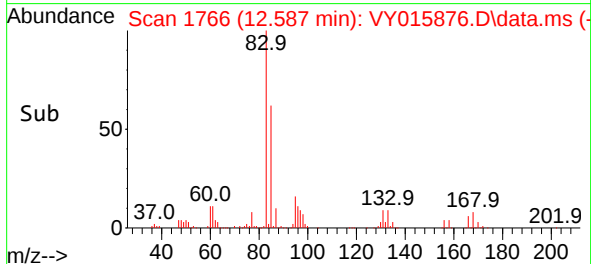
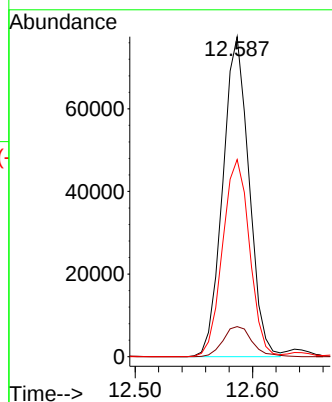
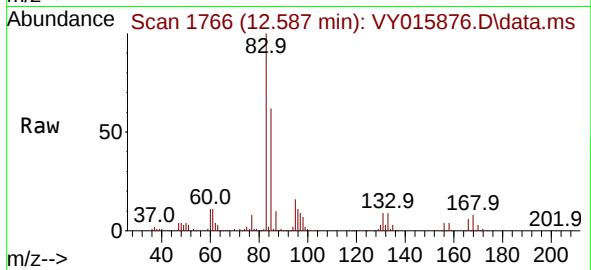
Tgt Ion: 83 Resp: 120256

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 71.991 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015876.D

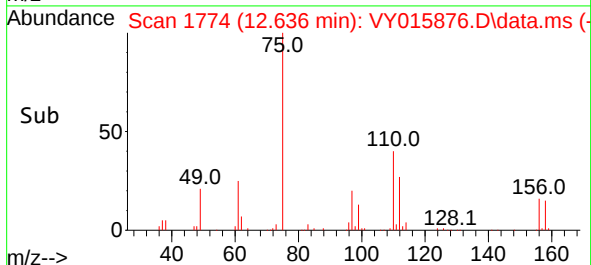
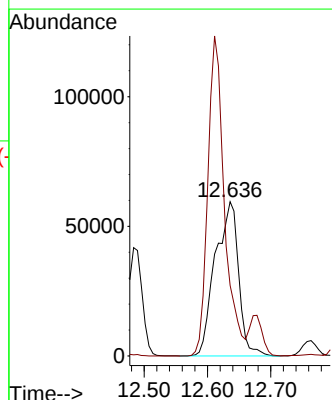
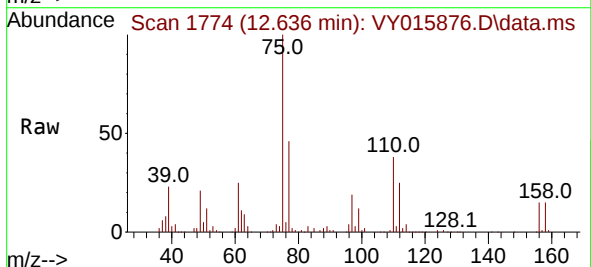
Acq: 09 Oct 2023 11:26

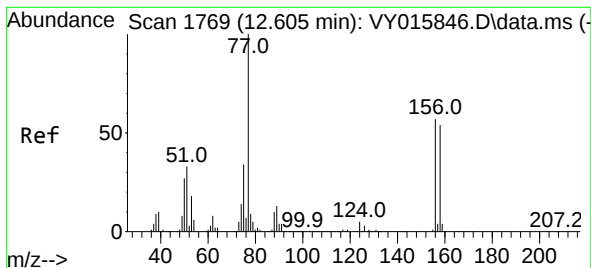
Tgt Ion: 75 Resp: 152270

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.049 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

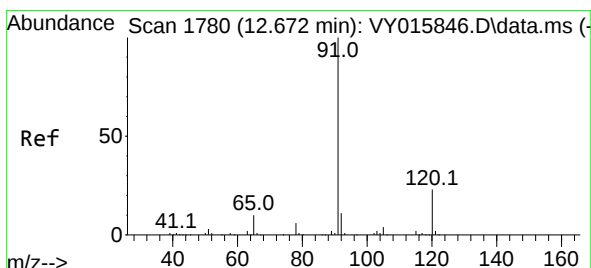
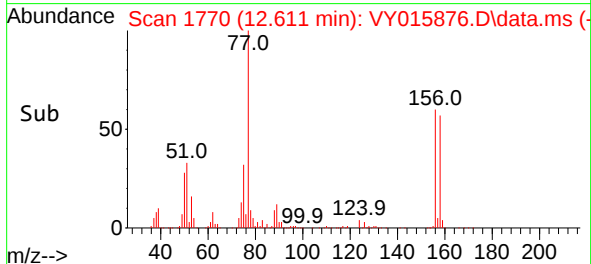
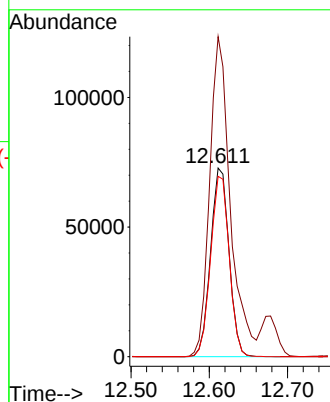
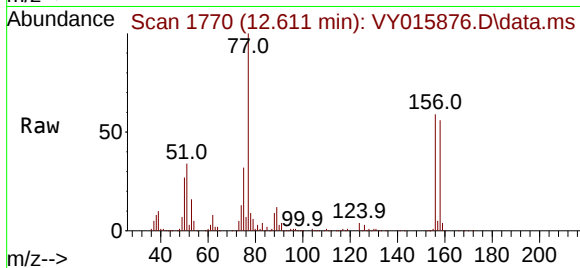
Tgt Ion:156 Resp: 119177

Ion Ratio Lower Upper

156 100

77 189.4 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 54.702 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015876.D

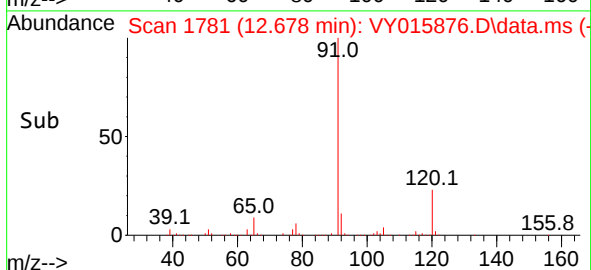
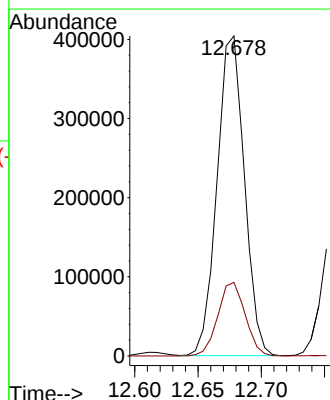
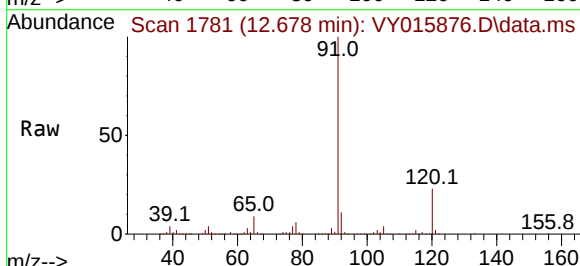
Acq: 09 Oct 2023 11:26

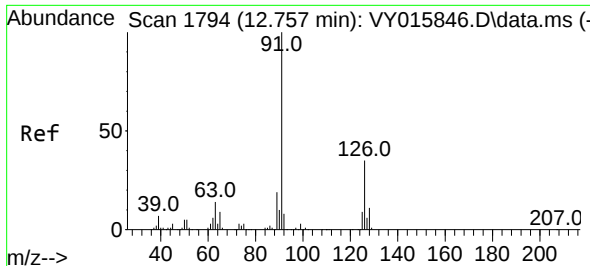
Tgt Ion: 91 Resp: 606447

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

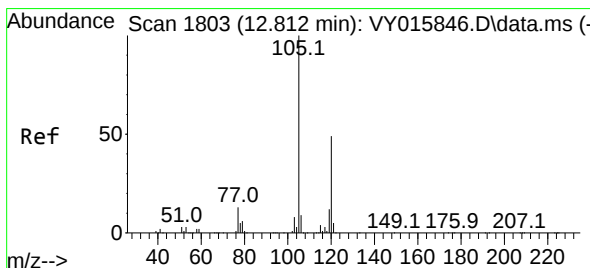
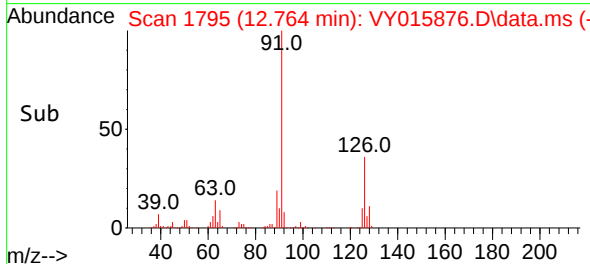
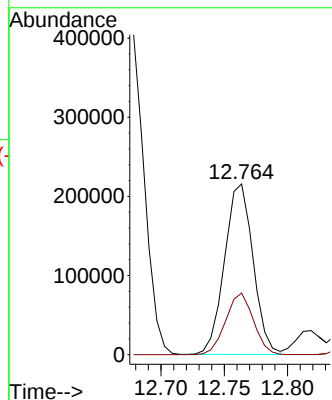
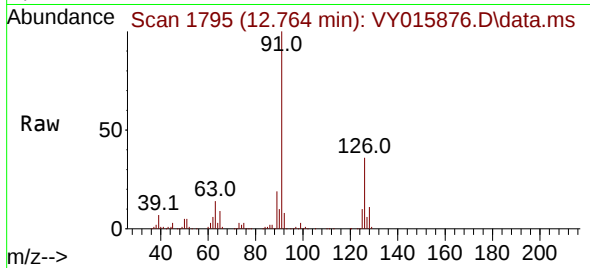




#79
2-Chlorotoluene
Concen: 53.047 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

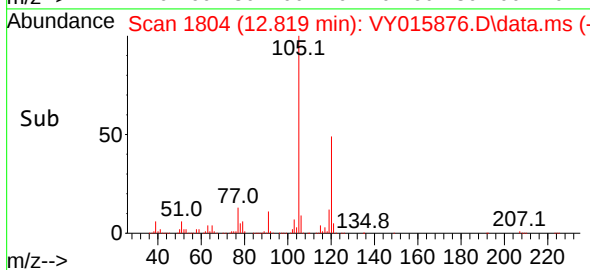
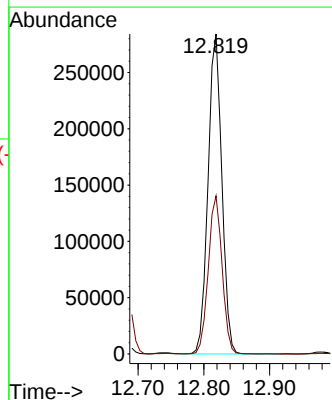
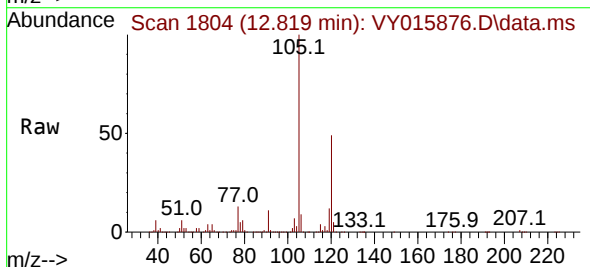
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

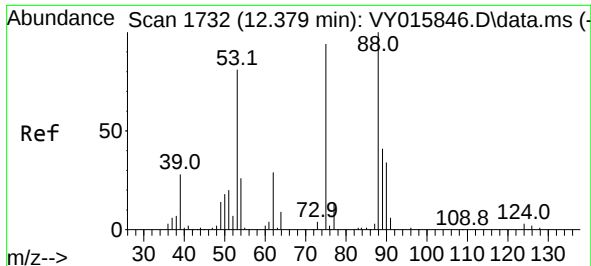
Tgt Ion: 91 Resp: 338669
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.736 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 105 Resp: 414496
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

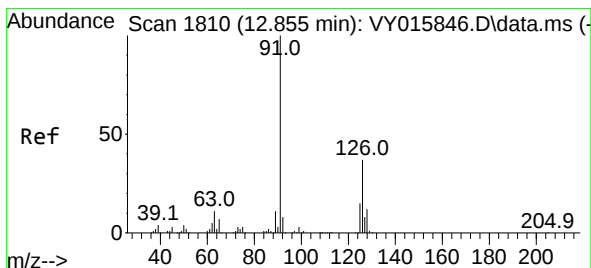
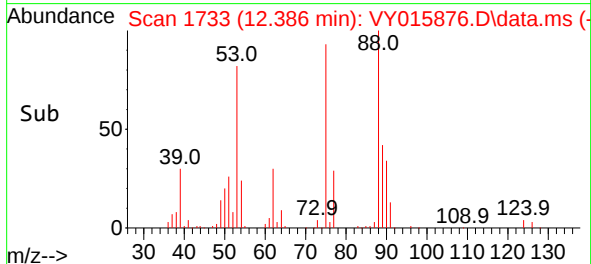
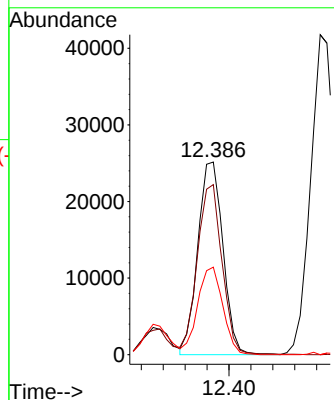
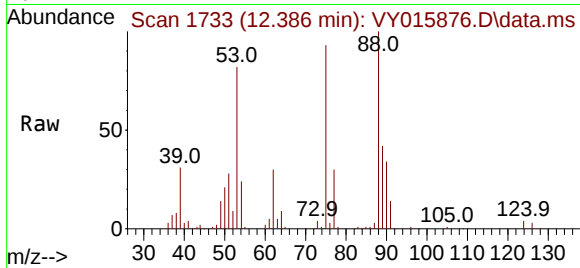




#81
trans-1,4-Dichloro-2-butene
Concen: 43.863 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

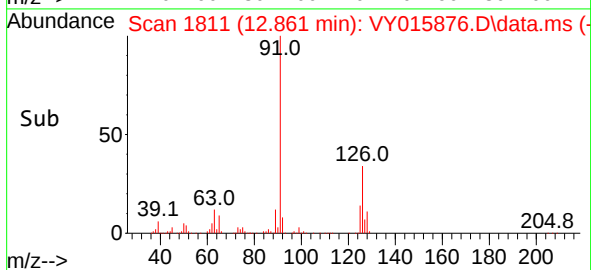
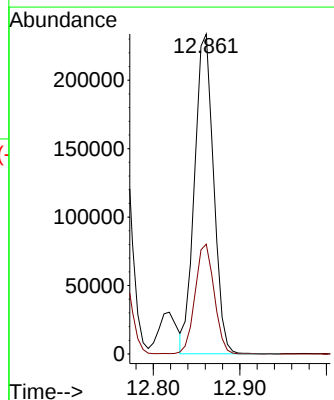
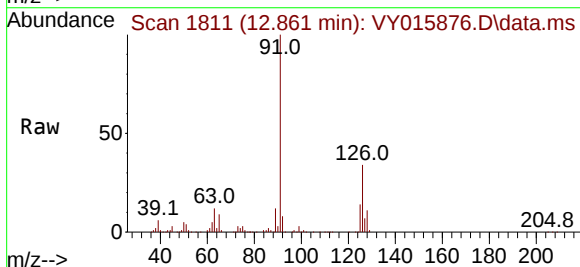
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

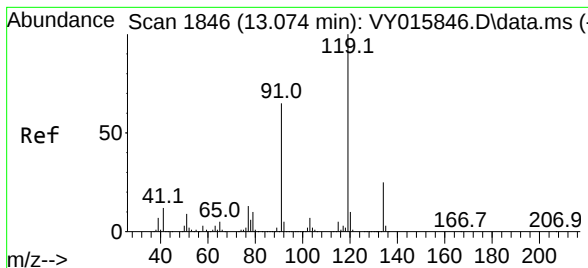
Tgt Ion: 75 Resp: 40078
Ion Ratio Lower Upper
75 100
53 87.4 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.326 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion: 91 Resp: 356325
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6

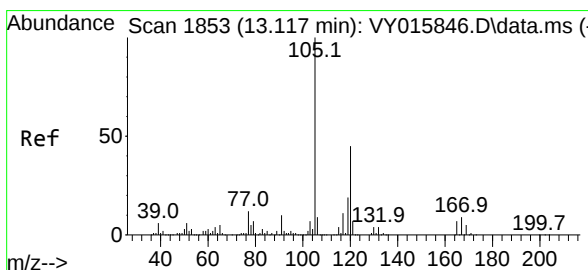
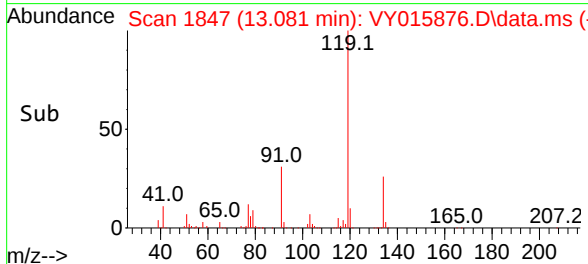
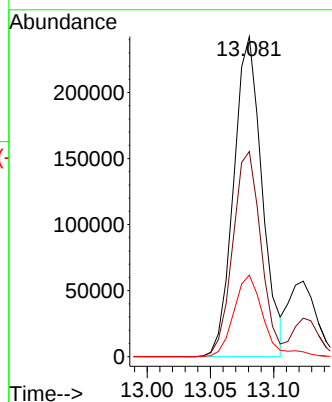
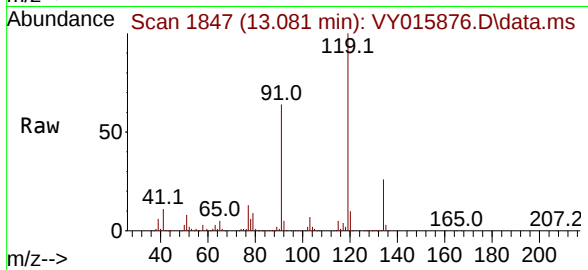




#83
tert-Butylbenzene
Concen: 53.768 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

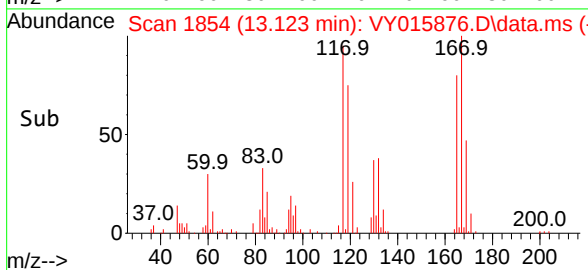
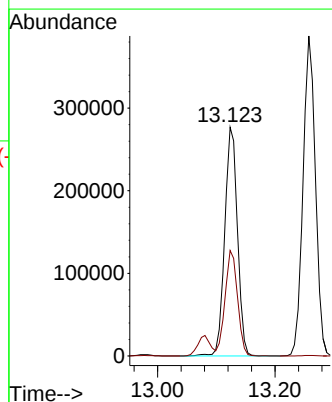
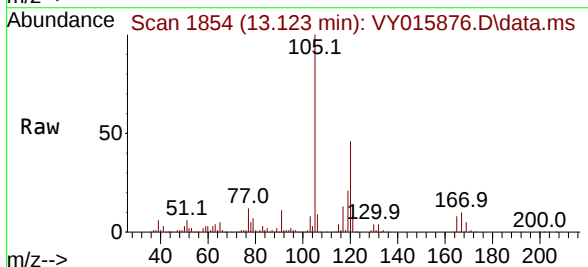
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

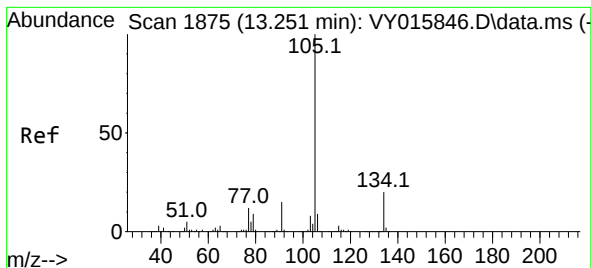
Tgt Ion:119 Resp: 379111
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.6
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.776 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015876.D
Acq: 09 Oct 2023 11:26

Tgt Ion:105 Resp: 416721
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 54.642 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

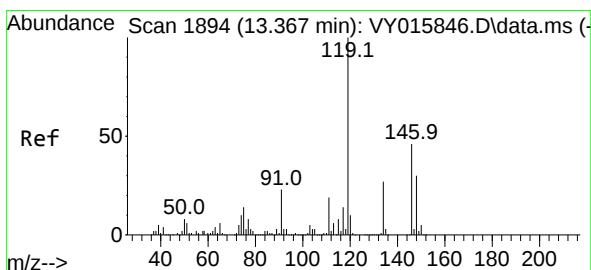
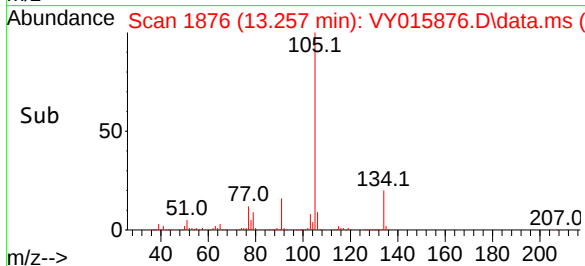
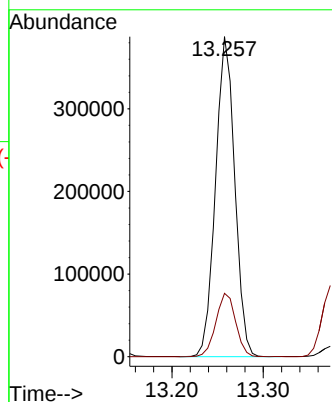
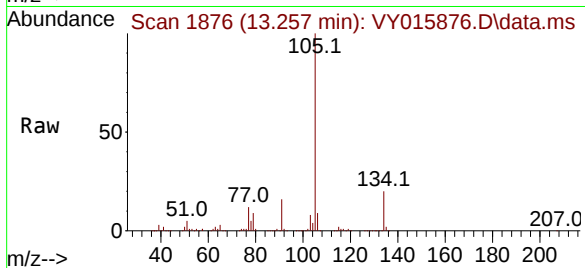
VSTDCCC050

Tgt Ion:105 Resp: 565236

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 54.433 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

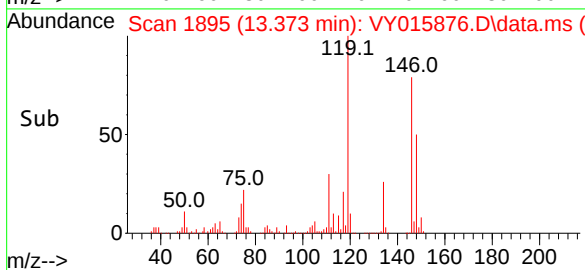
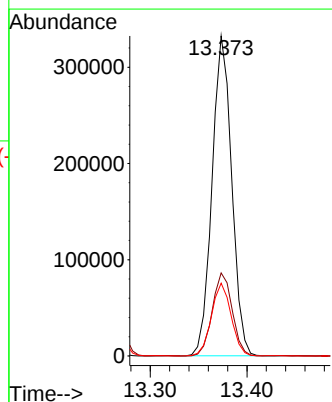
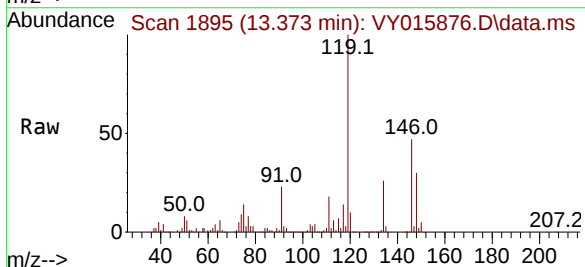
Tgt Ion:119 Resp: 468904

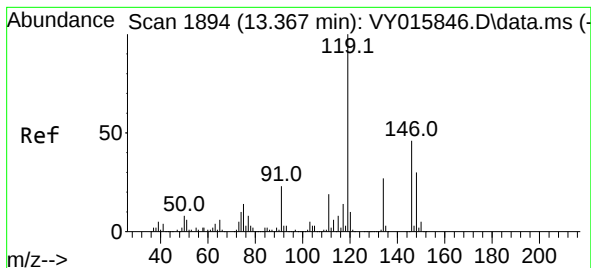
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.953 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

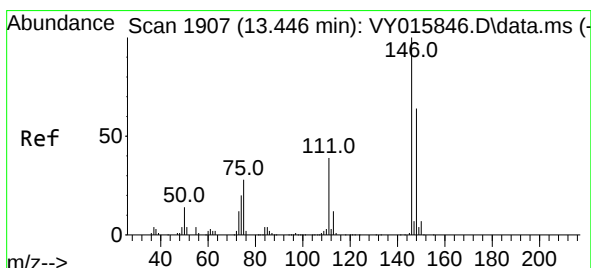
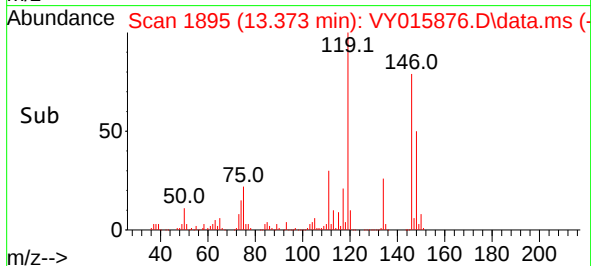
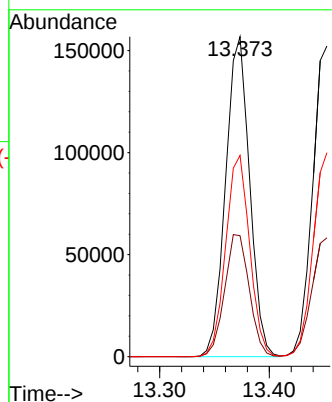
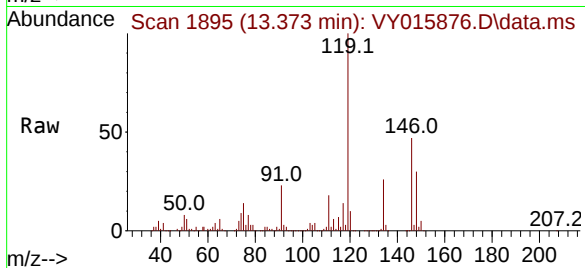
Tgt Ion:146 Resp: 238175

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.269 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

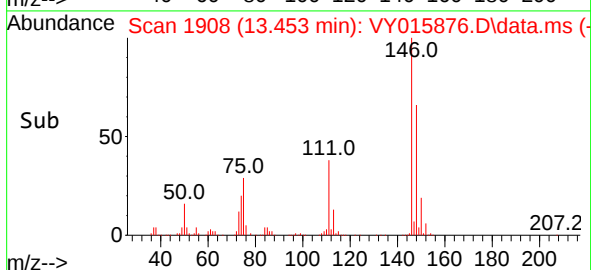
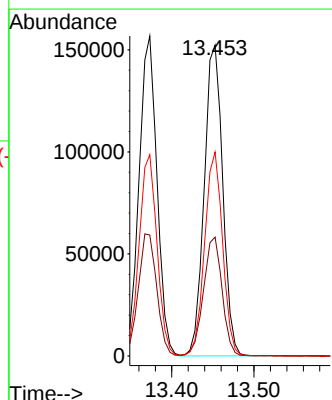
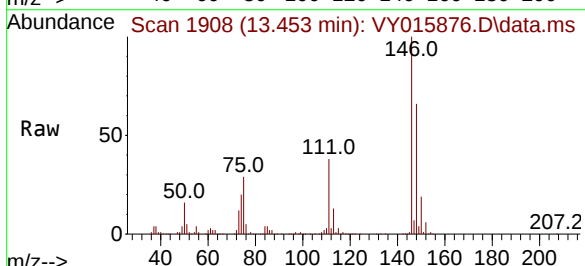
Tgt Ion:146 Resp: 237643

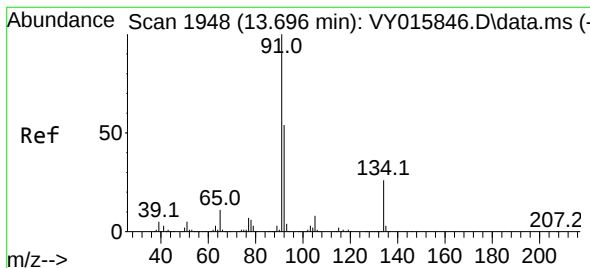
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 53.988 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

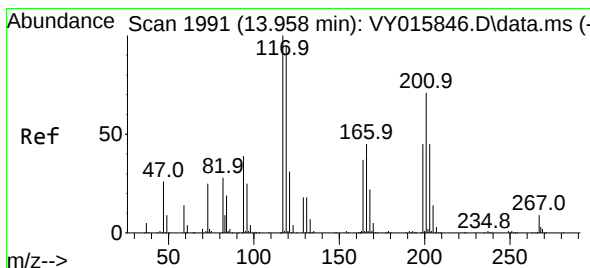
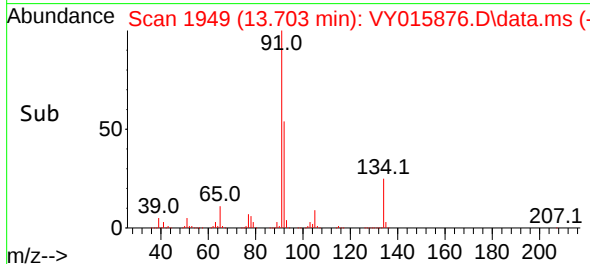
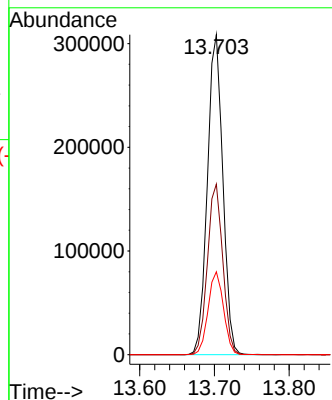
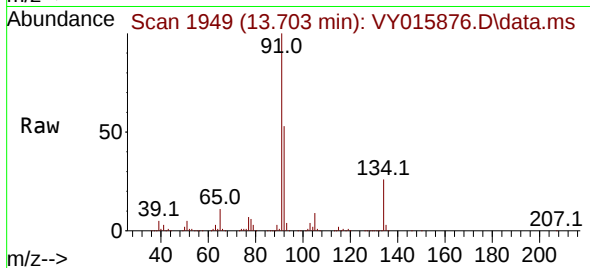
Tgt Ion: 91 Resp: 442535

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 54.702 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015876.D

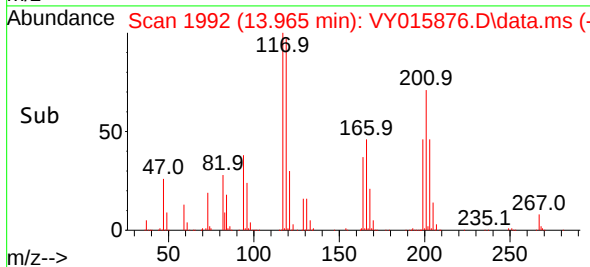
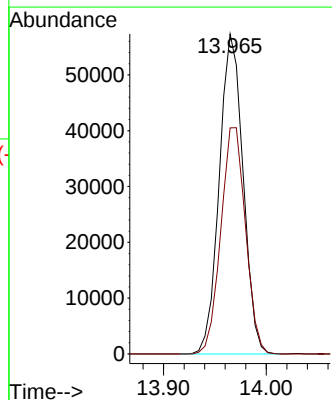
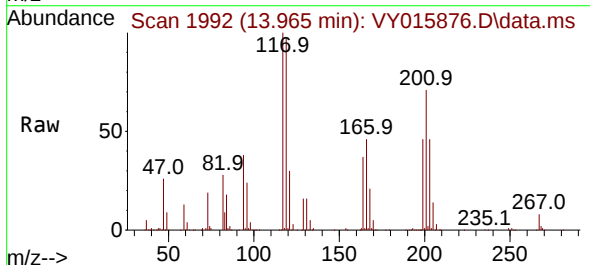
Acq: 09 Oct 2023 11:26

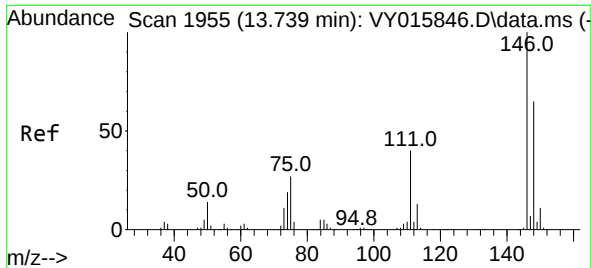
Tgt Ion: 117 Resp: 91977

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8

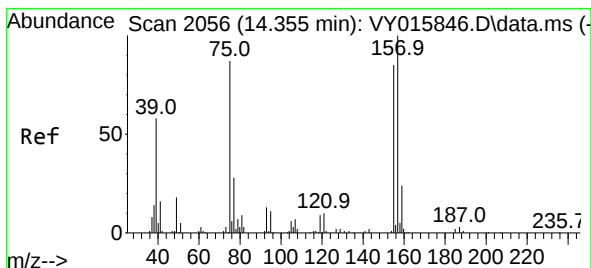
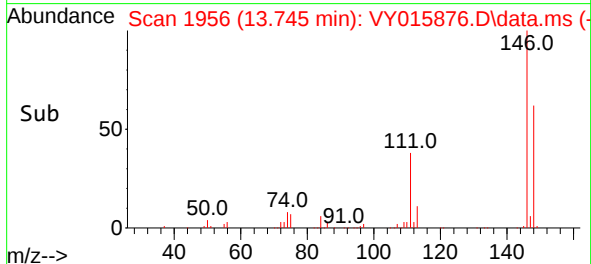
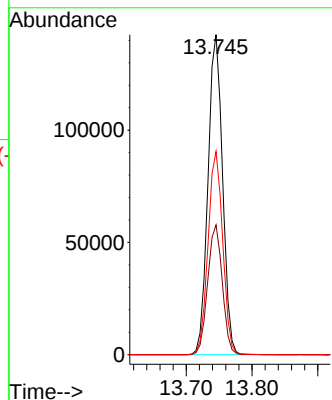
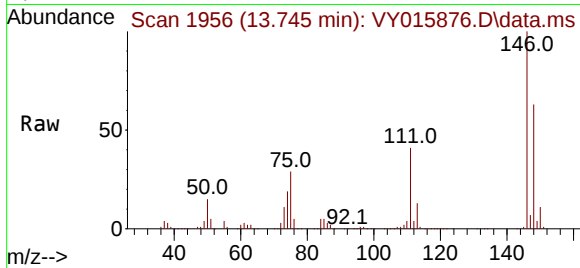




#91
 1,2-Dichlorobenzene
 Concen: 50.864 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015876.D
 Acq: 09 Oct 2023 11:26

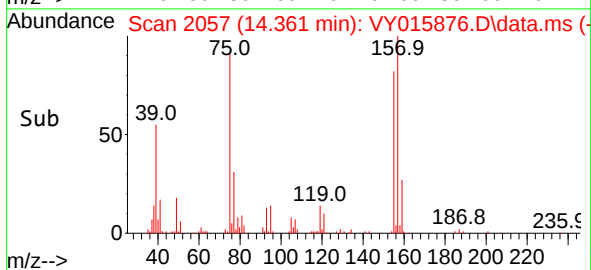
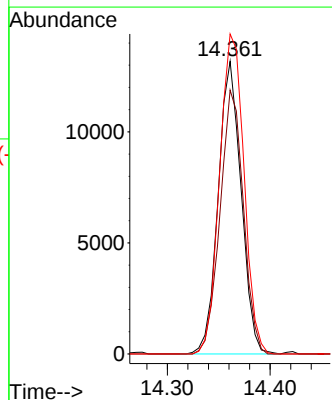
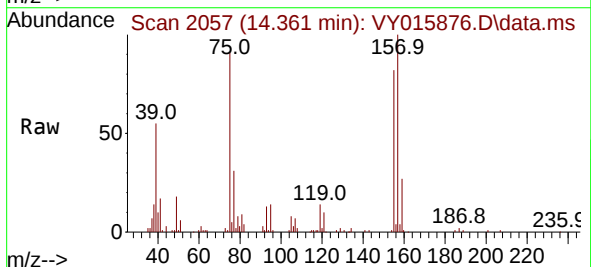
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

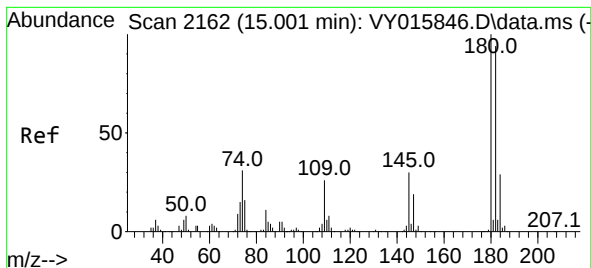
Tgt Ion:146 Resp: 219605
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.129 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY015876.D
 Acq: 09 Oct 2023 11:26

Tgt Ion: 75 Resp: 20369
 Ion Ratio Lower Upper
 75 100
 155 91.9 41.5 124.6
 157 116.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.842 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

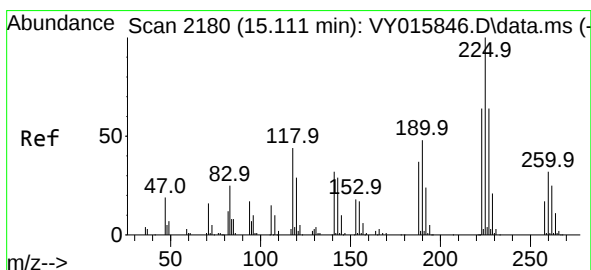
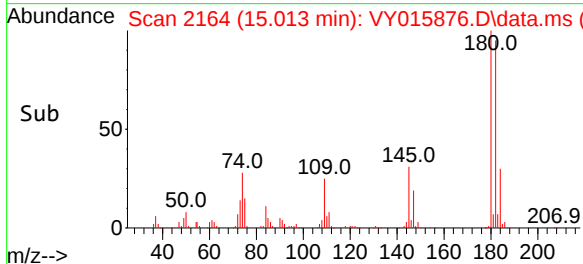
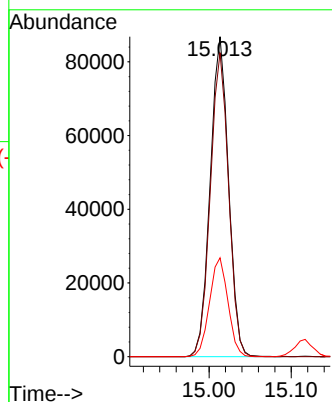
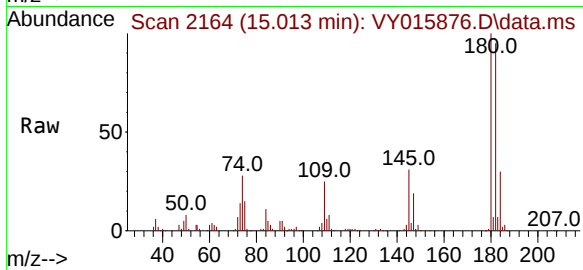
Tgt Ion:180 Resp: 134443

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.231 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

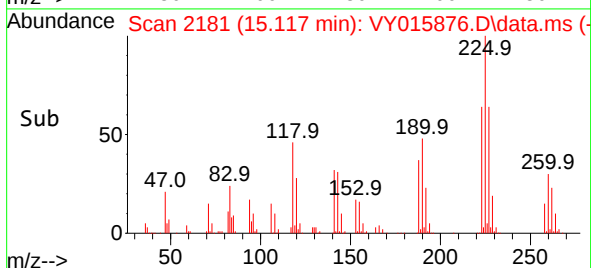
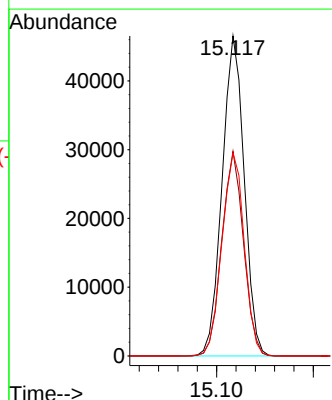
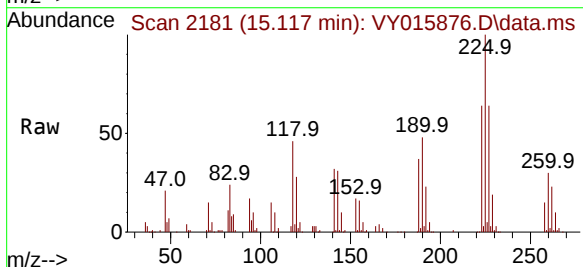
Tgt Ion:225 Resp: 73550

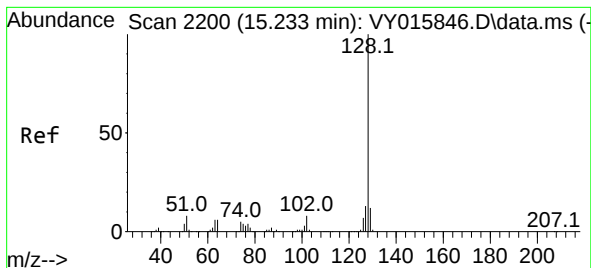
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 41.405 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

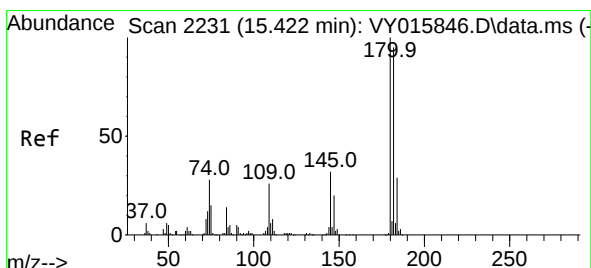
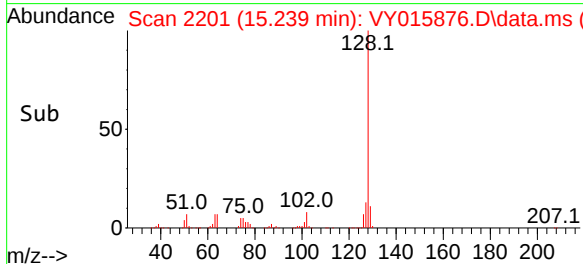
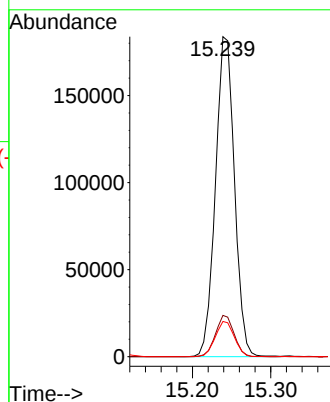
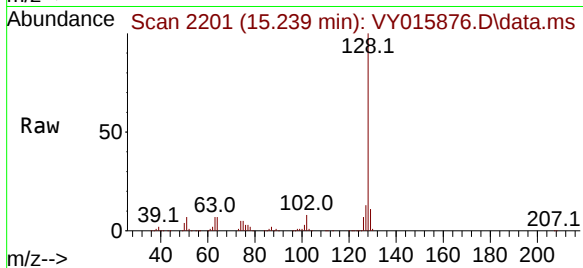
Tgt Ion:128 Resp: 310254

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.666 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015876.D

Acq: 09 Oct 2023 11:26

Tgt Ion:180 Resp: 120237

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 31.9 15.4 46.2

