

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY013998.D
 Acq On : 05 Jun 2023 10:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 05 15:30:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	198416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	308751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	284732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	125880	47.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.722	113	103443	52.719	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.440%
50) Toluene-d8	10.185	98	382843	51.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.483	95	134498	52.711	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82182	47.073	ug/l	100
3) Chloromethane	2.113	50	113113	46.780	ug/l	96
4) Vinyl Chloride	2.253	62	107980	48.206	ug/l	99
5) Bromomethane	2.656	94	83056	42.582	ug/l	92
6) Chloroethane	2.802	64	70938	44.251	ug/l	97
7) Trichlorofluoromethane	3.131	101	177442	50.109	ug/l	99
8) Diethyl Ether	3.533	74	65367	47.086	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	92454	50.825	ug/l	99
10) Methyl Iodide	4.094	142	120158	47.928	ug/l	99
11) Tert butyl alcohol	4.972	59	68225	126.387	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	93888	49.226	ug/l	96
13) Acrolein	3.735	56	42954	173.761	ug/l	98
14) Allyl chloride	4.485	41	177580	47.976	ug/l	97
15) Acrylonitrile	5.167	53	189093	245.460	ug/l	100
16) Acetone	3.954	43	238272	265.150	ug/l	100
17) Carbon Disulfide	4.198	76	273396	42.391	ug/l	97
18) Methyl Acetate	4.478	43	150154	46.249	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	316800	51.339	ug/l	99
20) Methylene Chloride	4.716	84	123020	50.665	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	109783	50.817	ug/l	99
22) Diisopropyl ether	6.118	45	369572	51.510	ug/l	97
23) Vinyl Acetate	6.064	43	1097399	243.857	ug/l	99
24) 1,1-Dichloroethane	6.021	63	200549	50.078	ug/l	100
25) 2-Butanone	6.990	43	270988	242.059	ug/l	99
26) 2,2-Dichloropropane	6.984	77	180141	49.565	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	123560	49.955	ug/l	99
28) Bromochloromethane	7.338	49	93160	49.257	ug/l	99
29) Tetrahydrofuran	7.350	42	152917	219.654	ug/l	99
30) Chloroform	7.508	83	216438	51.474	ug/l	96
31) Cyclohexane	7.789	56	138138	43.676	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	180896	50.719	ug/l	98
36) 1,1-Dichloropropene	7.923	75	145252	51.960	ug/l	98
37) Ethyl Acetate	7.076	43	106907	43.864	ug/l	100
38) Carbon Tetrachloride	7.905	117	165528	52.842	ug/l	98
39) Methylcyclohexane	9.185	83	146458	49.076	ug/l	100
40) Benzene	8.161	78	442110	51.268	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	147920	131.314	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	159817	50.541	ug/l	100
43) Isopropyl Acetate	8.277	43	194611	47.422	ug/l	99
44) Trichloroethene	8.941	130	117801	52.165	ug/l	95
45) 1,2-Dichloropropane	9.215	63	114789	51.581	ug/l	96
46) Dibromomethane	9.307	93	71337	50.072	ug/l	99
47) Bromodichloromethane	9.496	83	170613	53.161	ug/l	98
48) Methyl methacrylate	9.295	41	90014	48.190	ug/l	100
49) 1,4-Dioxane	9.313	88	19759	953.684	ug/l #	46
51) 4-Methyl-2-Pentanone	10.075	43	547070	236.014	ug/l	100
52) Toluene	10.246	92	274526	51.966	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	178140	51.673	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	194485	52.839	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	100022	53.253	ug/l	94
56) Ethyl methacrylate	10.508	69	135074	50.087	ug/l	99
57) 1,3-Dichloropropane	10.794	76	163593	50.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	331655	249.957	ug/l	98
59) 2-Hexanone	10.837	43	417121	248.517	ug/l	99
60) Dibromochloromethane	10.989	129	125971	53.065	ug/l	99
61) 1,2-Dibromoethane	11.093	107	94277	49.958	ug/l	100
64) Tetrachloroethene	10.721	164	109404	56.086	ug/l	96
65) Chlorobenzene	11.520	112	303978	52.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	122983	54.081	ug/l	99
67) Ethyl Benzene	11.593	91	534839	52.896	ug/l	100
68) m/p-Xylenes	11.703	106	415298	107.527	ug/l	98
69) o-Xylene	12.032	106	197424	53.345	ug/l	99
70) Styrene	12.044	104	345275	54.317	ug/l	99
71) Bromoform	12.209	173	86747	51.742	ug/l	100
73) Isopropylbenzene	12.331	105	505168	52.577	ug/l	100
74) N-amyl acetate	12.148	43	170913	46.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	119317	47.514	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	163392	83.408	ug/l #	100
77) Bromobenzene	12.611	156	135755	52.265	ug/l	97
78) n-propylbenzene	12.672	91	629240	53.435	ug/l	100
79) 2-Chlorotoluene	12.757	91	369338	52.979	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	442573	53.743	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44758	48.472	ug/l	99
82) 4-Chlorotoluene	12.855	91	382042	52.108	ug/l	100
83) tert-Butylbenzene	13.074	119	371767	53.910	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	439606	53.446	ug/l	99
85) sec-Butylbenzene	13.257	105	539150	53.765	ug/l	100
86) p-Isopropyltoluene	13.373	119	455689	53.834	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	258662	52.438	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	256390	51.383	ug/l	99
89) n-Butylbenzene	13.702	91	422739	52.929	ug/l	99
90) Hexachloroethane	13.965	117	90914	51.175	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	232686	51.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22099	45.626	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	138716	49.657	ug/l	99
94) Hexachlorobutadiene	15.111	225	77989	52.414	ug/l	97
95) Naphthalene	15.239	128	288568	43.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	123402	48.501	ug/l	99

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QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

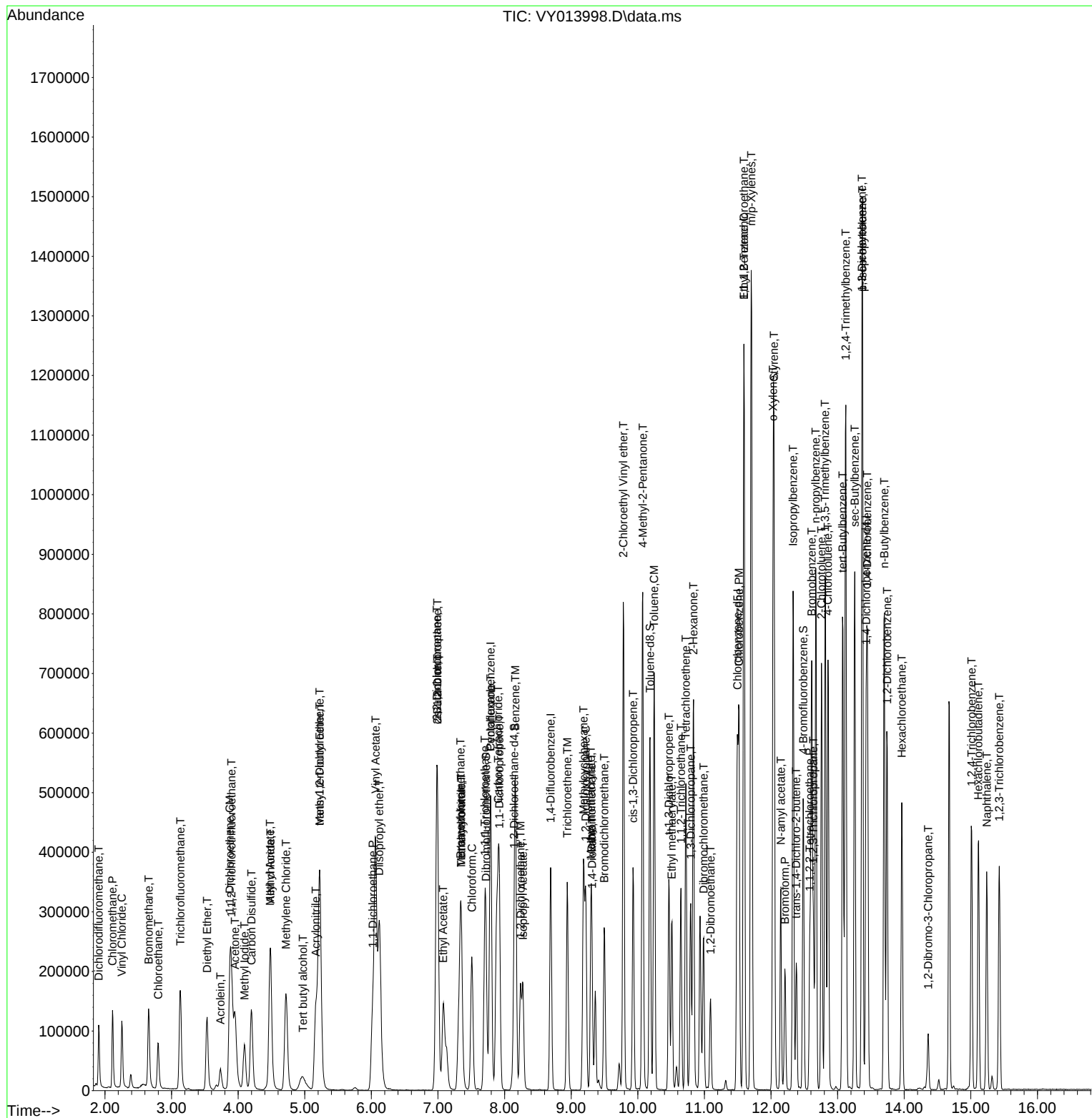
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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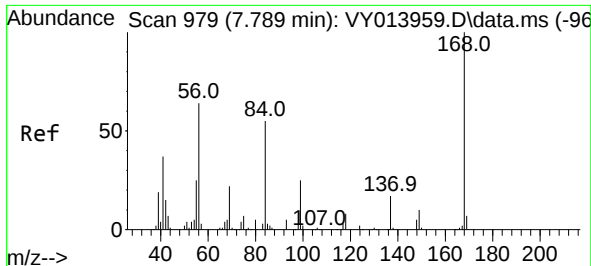
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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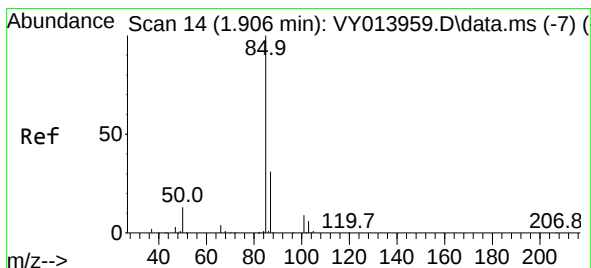
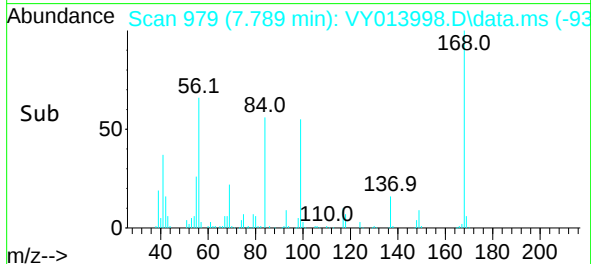
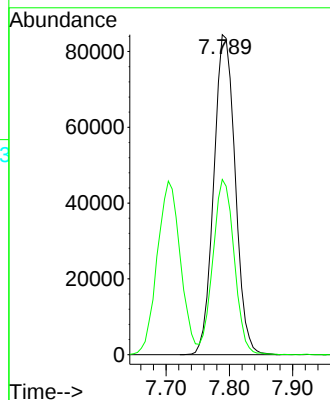
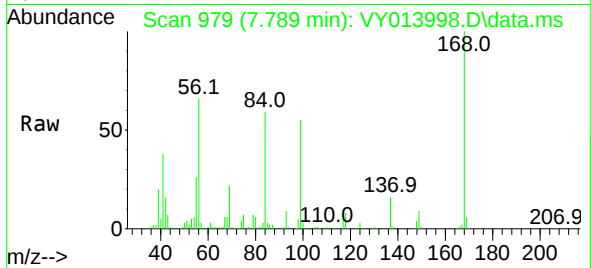




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013998.D
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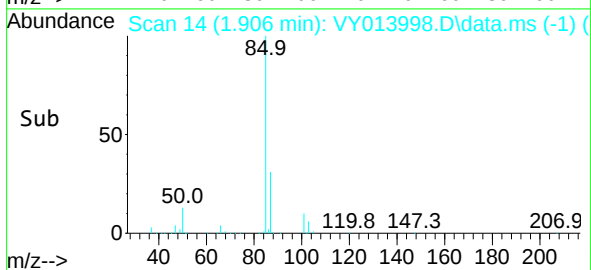
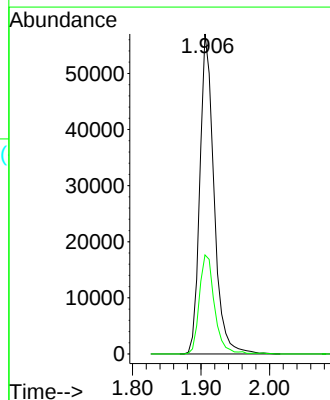
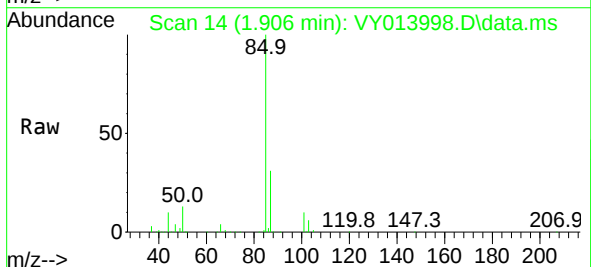
Instrument :
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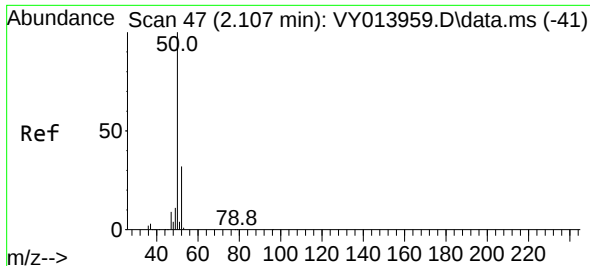
Tgt Ion:168 Resp: 198416
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.073 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 85 Resp: 82182
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8

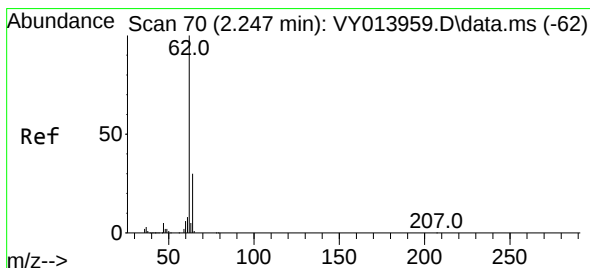
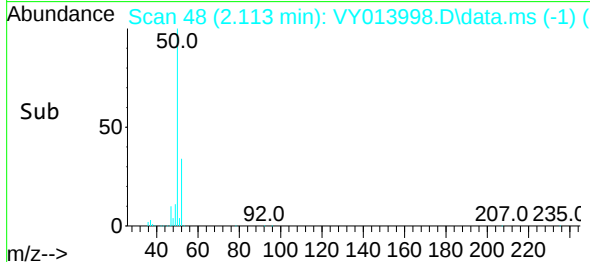
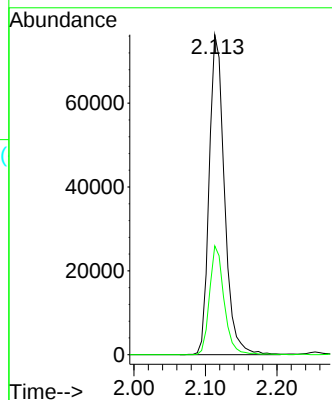
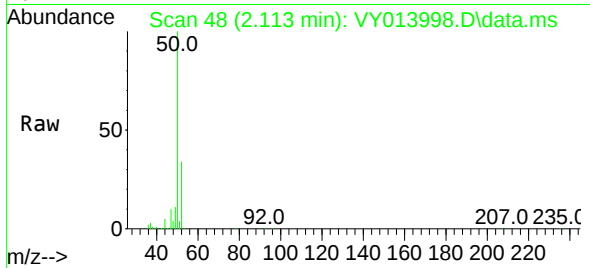




#3
Chloromethane
Concen: 46.780 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

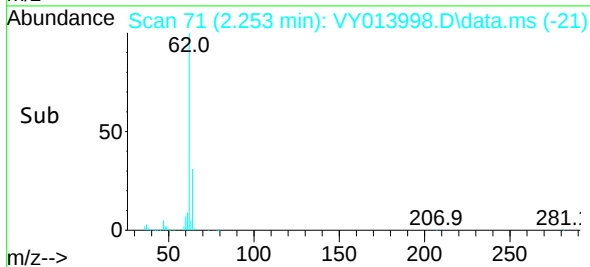
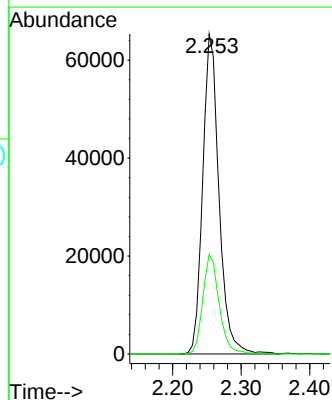
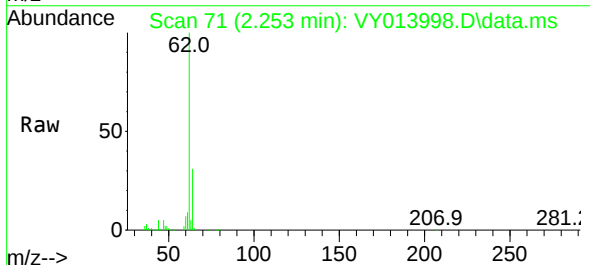
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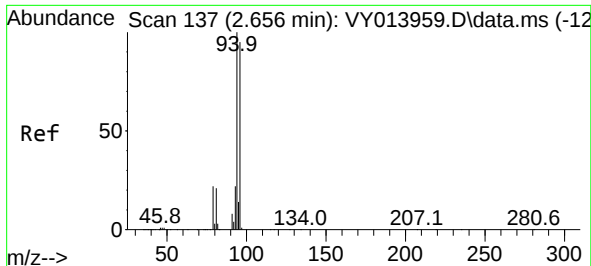
Tgt Ion: 50 Resp: 113113
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 48.206 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 62 Resp: 107980
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5

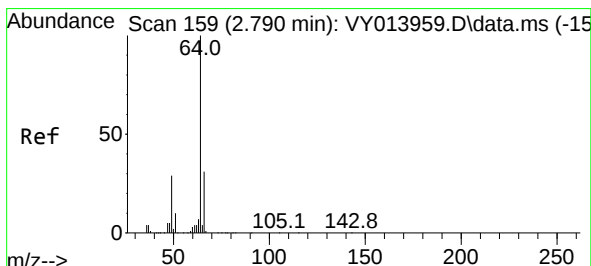
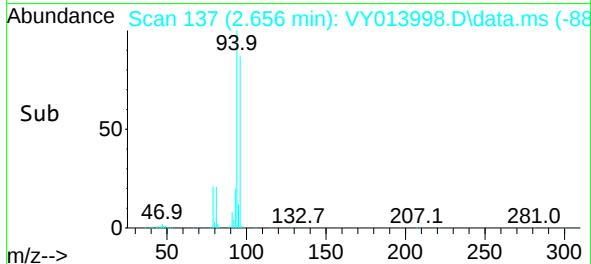
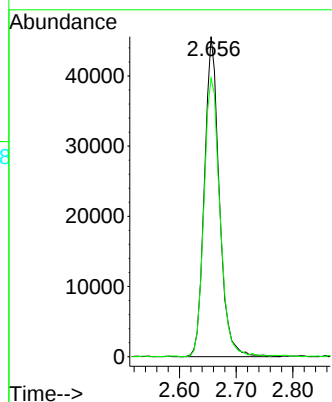
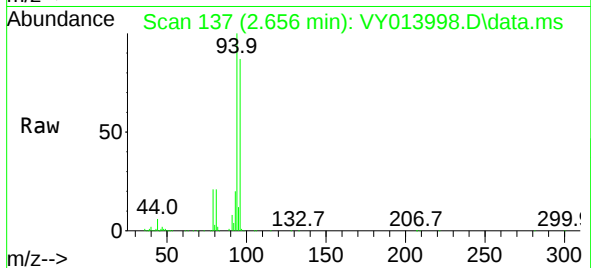




#5
Bromomethane
Concen: 42.582 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013998.D
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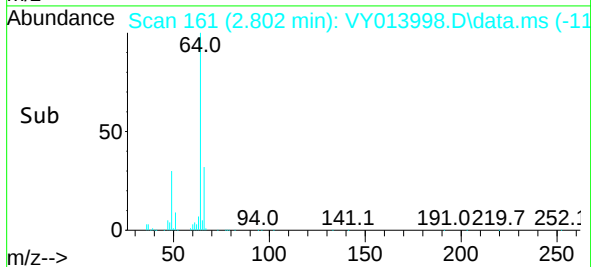
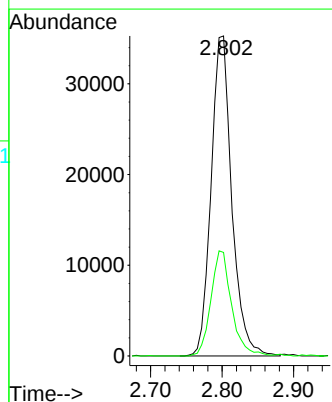
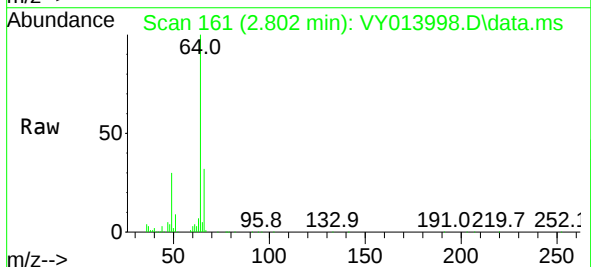
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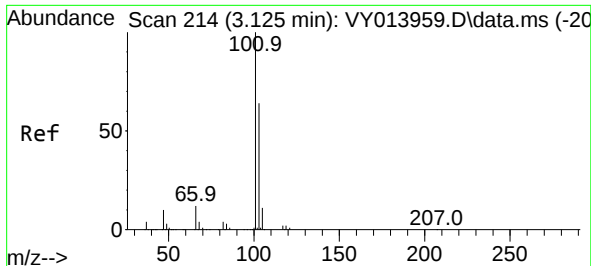
Tgt Ion: 94 Resp: 83056
Ion Ratio Lower Upper
94 100
96 87.0 75.8 113.6



#6
Chloroethane
Concen: 44.251 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
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Acq: 05 Jun 2023 10:54

Tgt Ion: 64 Resp: 70938
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

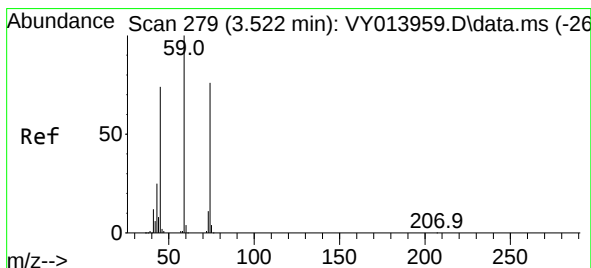
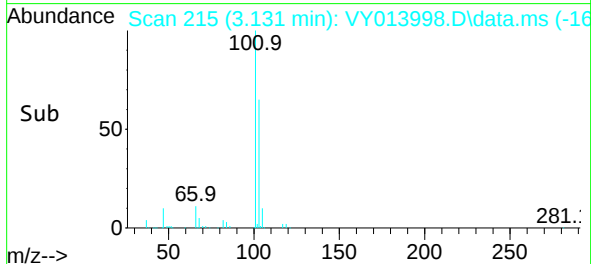
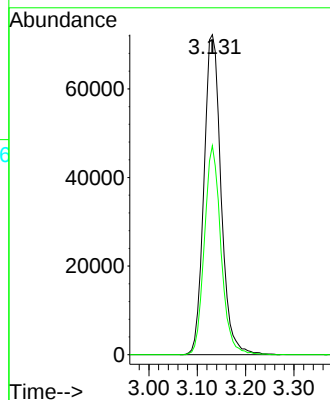
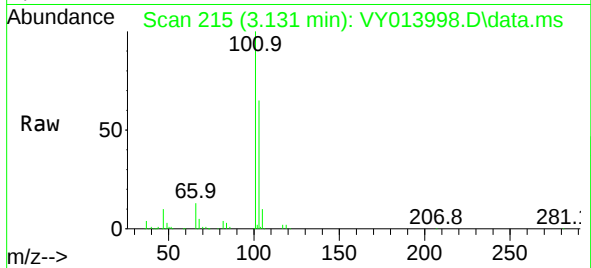




#7
Trichlorofluoromethane
Concen: 50.109 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013998.D
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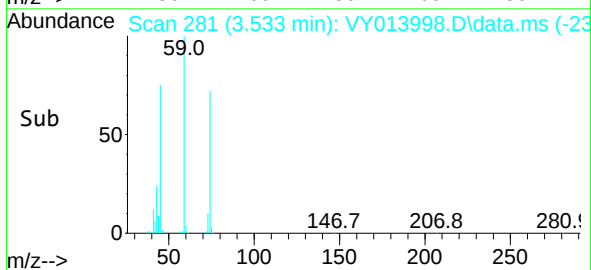
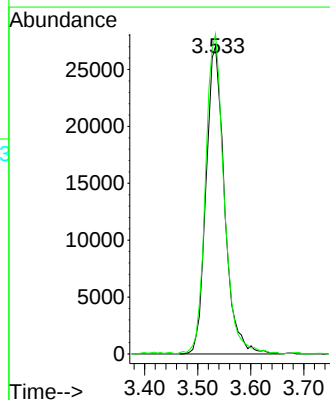
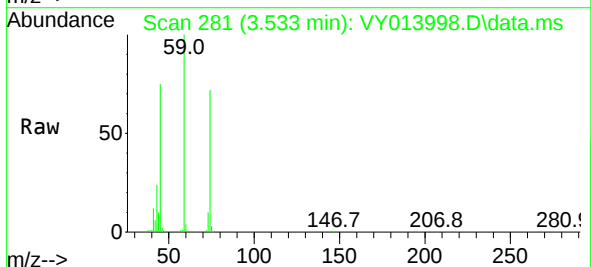
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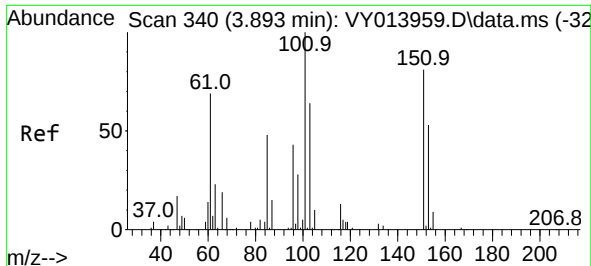
Tgt Ion:101 Resp: 177442
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0



#8
Diethyl Ether
Concen: 47.086 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 74 Resp: 65367
Ion Ratio Lower Upper
74 100
45 105.0 51.5 154.5

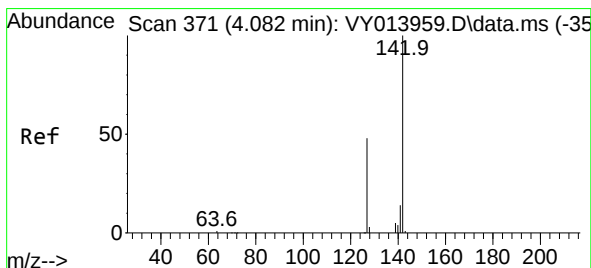
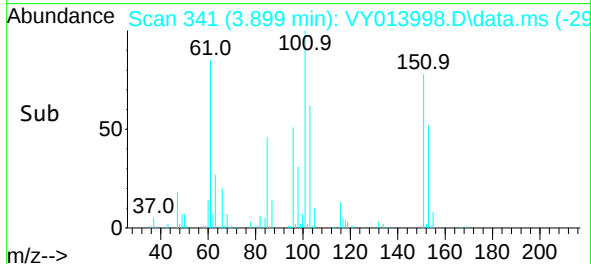
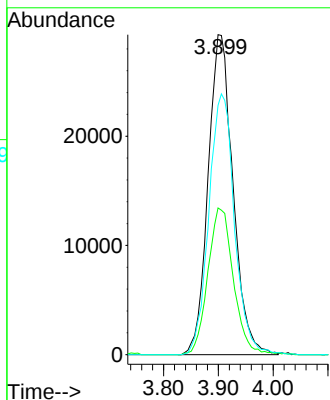
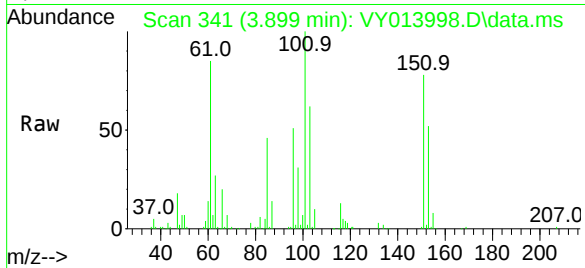




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.825 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

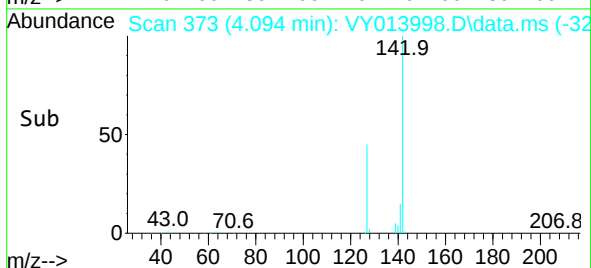
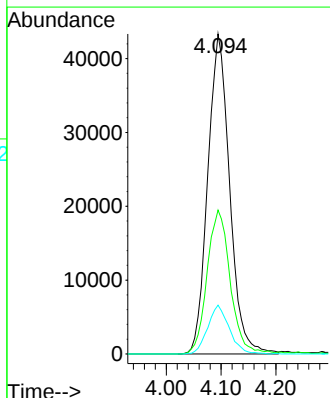
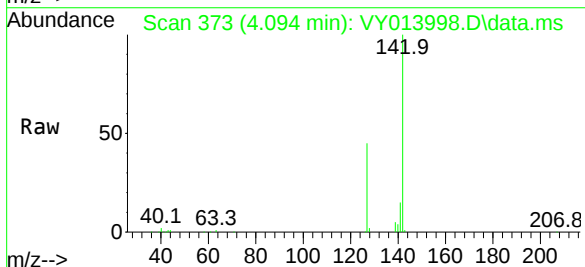
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

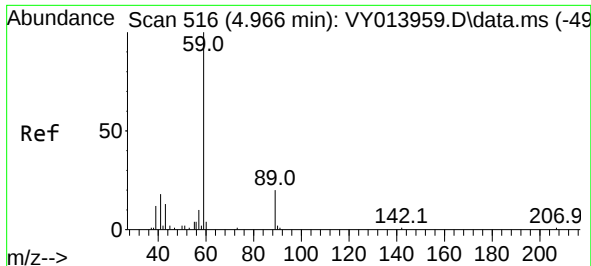
Tgt Ion:101 Resp: 92454
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 84.0 67.0 100.6



#10
Methyl Iodide
Concen: 47.928 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion:142 Resp: 120158
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 15.0 11.8 17.8

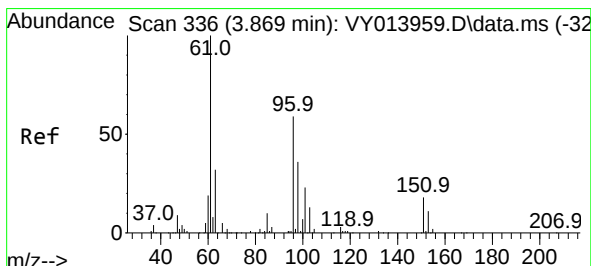
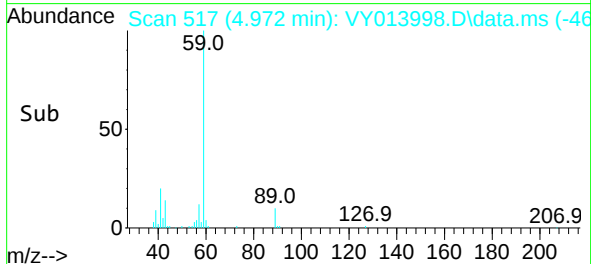
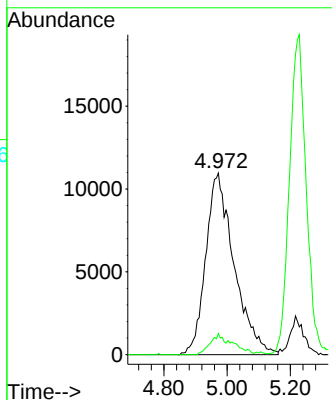
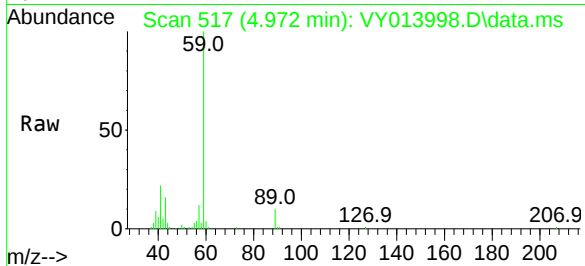




#11
Tert butyl alcohol
Concen: 126.387 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

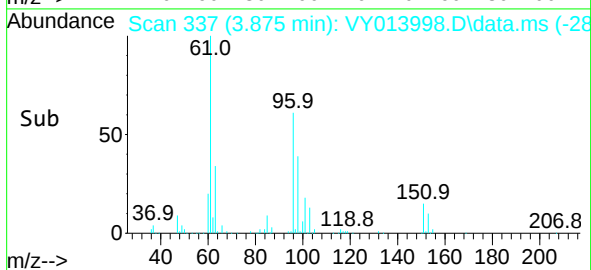
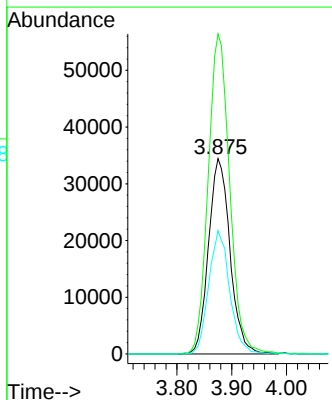
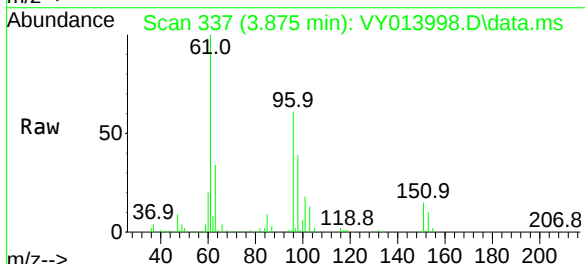
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

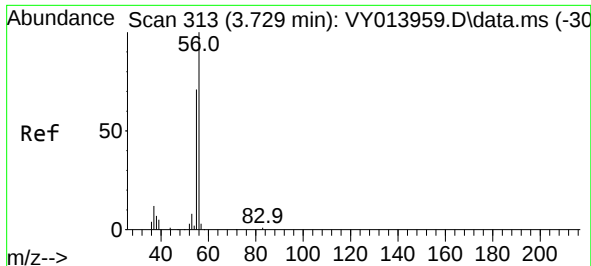
Tgt Ion: 59 Resp: 68225
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.226 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 96 Resp: 93888
Ion Ratio Lower Upper
96 100
61 163.8 136.4 204.6
98 63.1 49.4 74.2





#13

Acrolein

Concen: 173.761 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

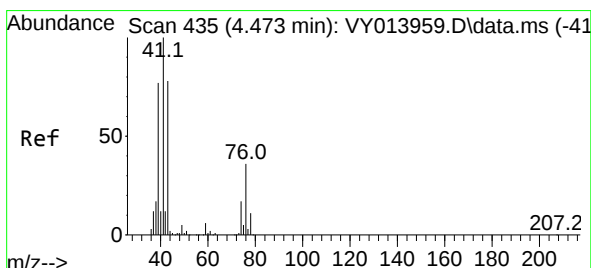
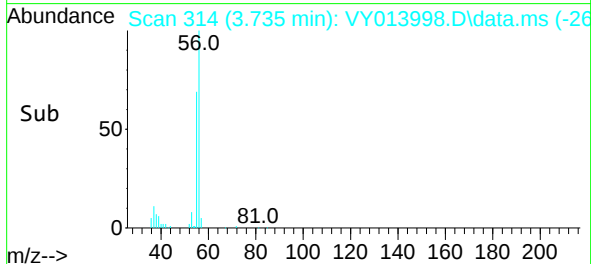
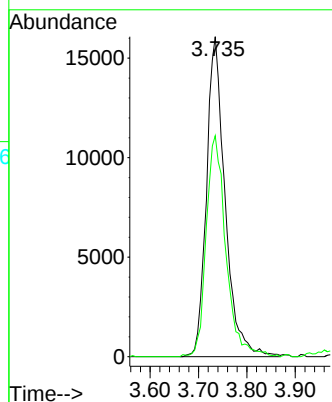
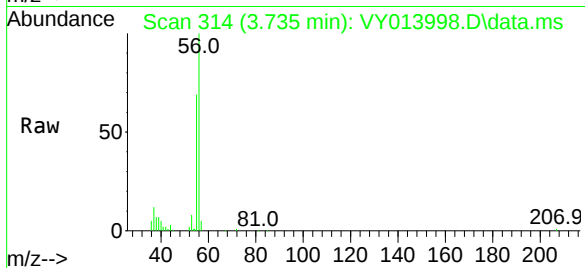
VSTDCCC050

Tgt Ion: 56 Resp: 42954

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.4



#14

Allyl chloride

Concen: 47.976 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

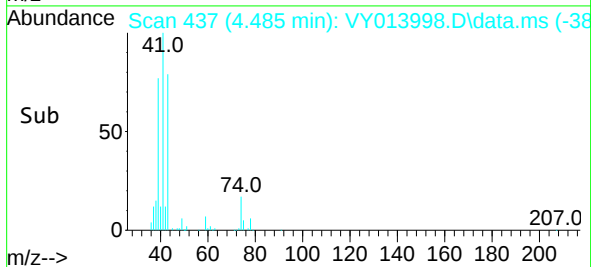
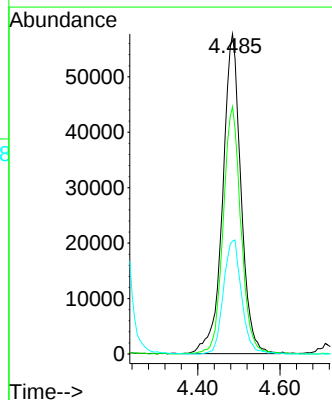
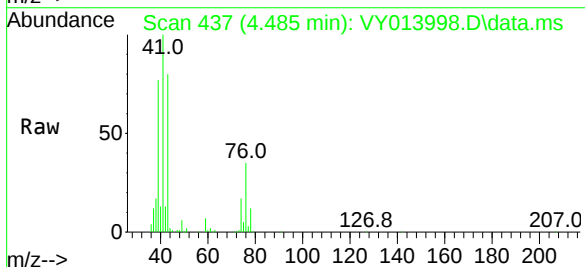
Tgt Ion: 41 Resp: 177580

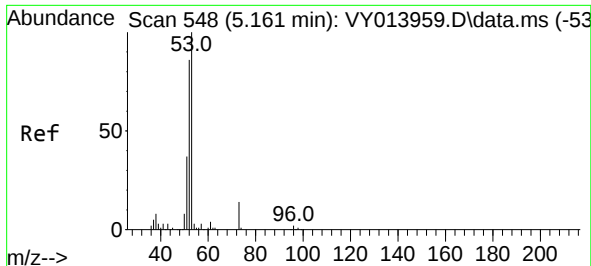
Ion Ratio Lower Upper

41 100

39 75.6 58.0 87.0

76 35.4 27.4 41.2

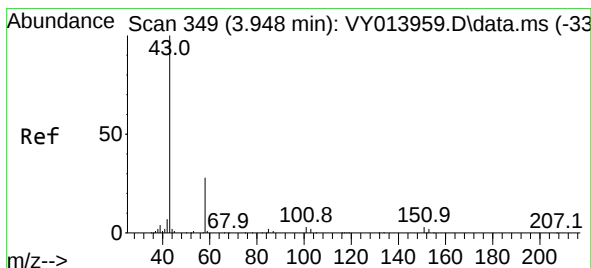
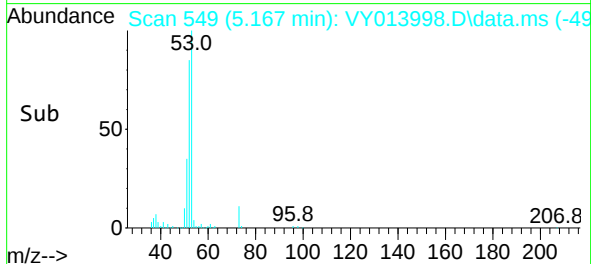
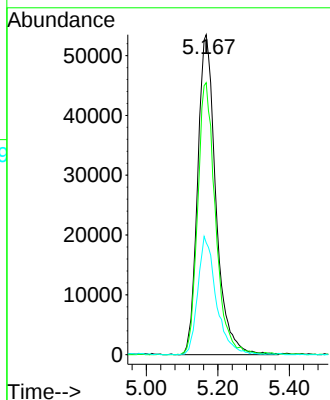
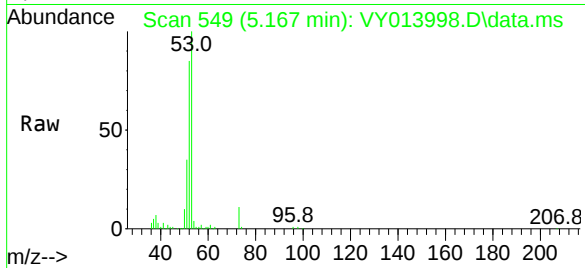




#15
Acrylonitrile
Concen: 245.460 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

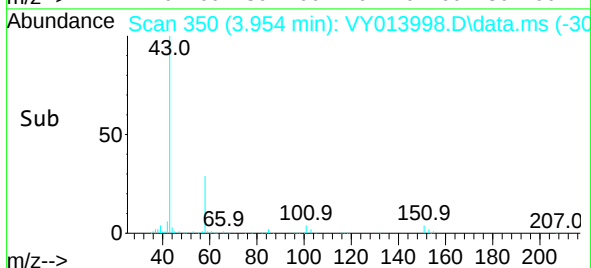
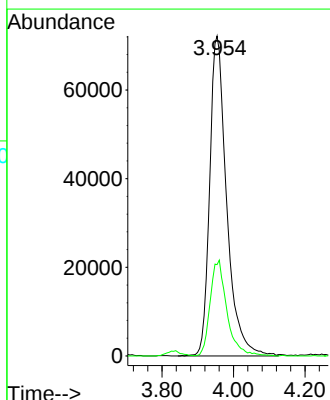
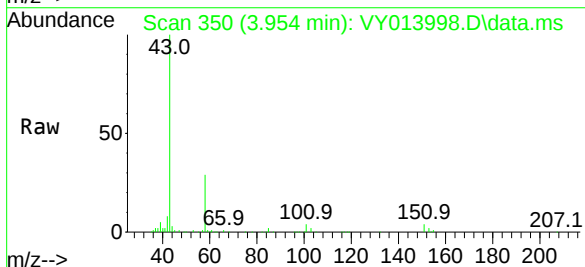
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

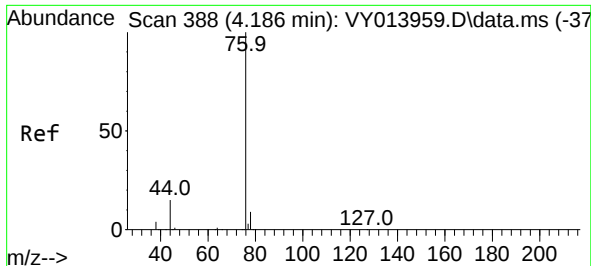
Tgt Ion: 53 Resp: 189093
Ion Ratio Lower Upper
53 100
52 83.2 66.9 100.3
51 37.4 29.8 44.6



#16
Acetone
Concen: 265.150 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 43 Resp: 238272
Ion Ratio Lower Upper
43 100
58 28.6 22.7 34.1





#17

Carbon Disulfide

Concen: 42.391 ug/l

RT: 4.198 min Scan# 388

Delta R.T. 0.012 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

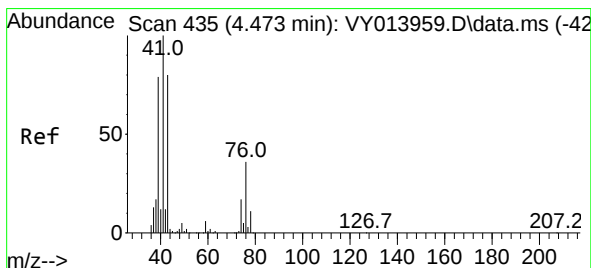
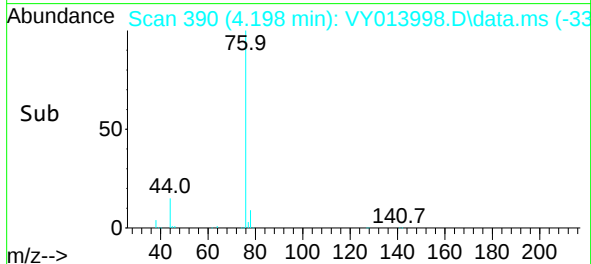
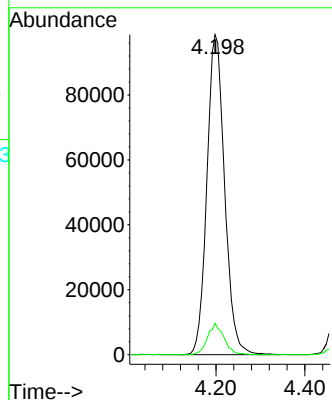
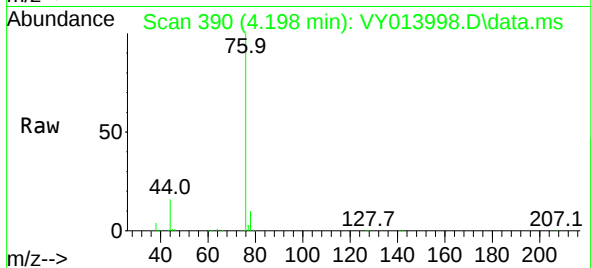
VSTDCCC050

Tgt Ion: 76 Resp: 273396

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4



#18

Methyl Acetate

Concen: 46.249 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY013998.D

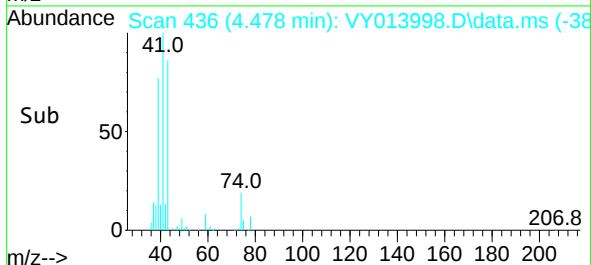
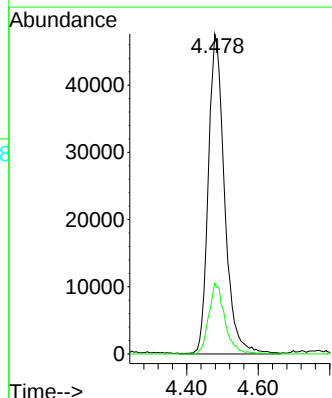
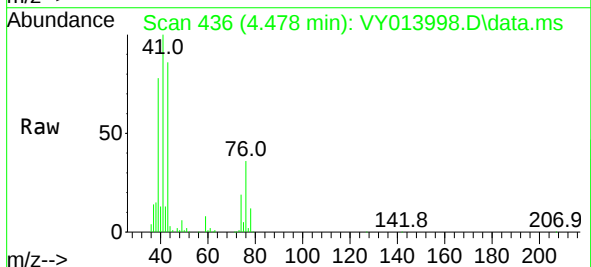
Acq: 05 Jun 2023 10:54

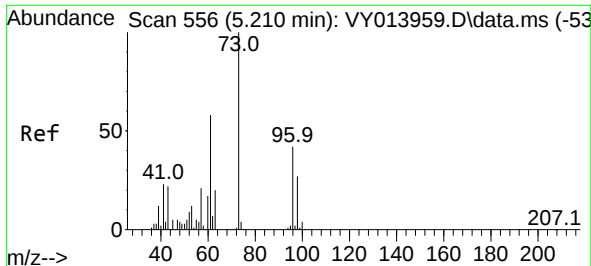
Tgt Ion: 43 Resp: 150154

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.0

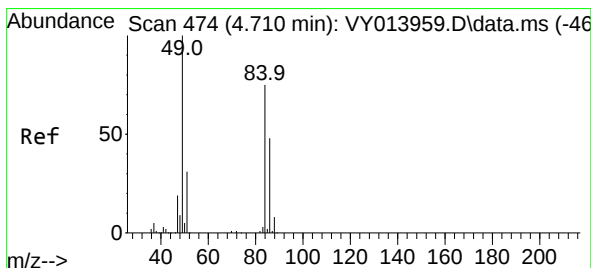
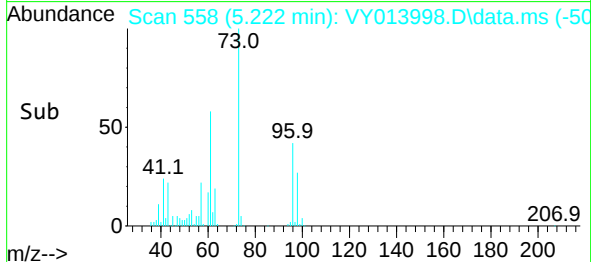
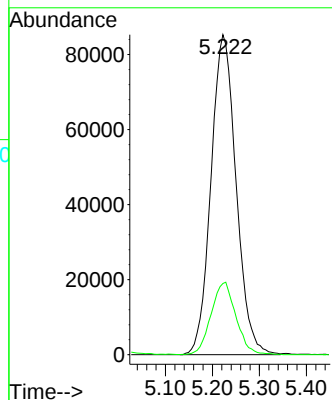
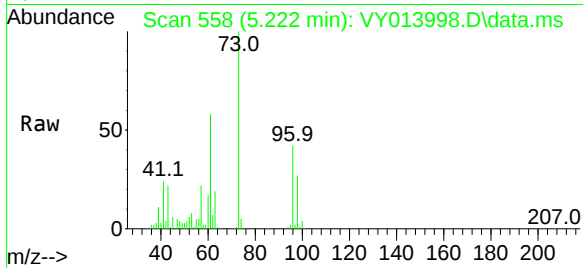




#19
Methyl tert-butyl Ether
Concen: 51.339 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

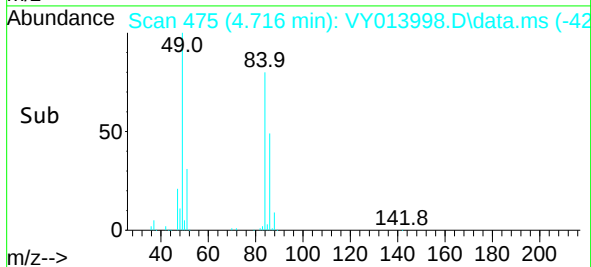
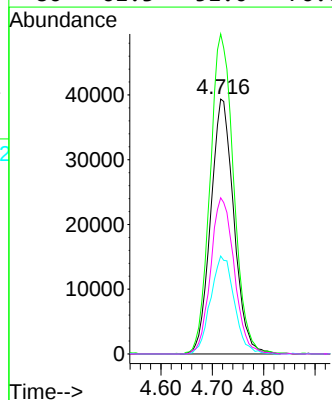
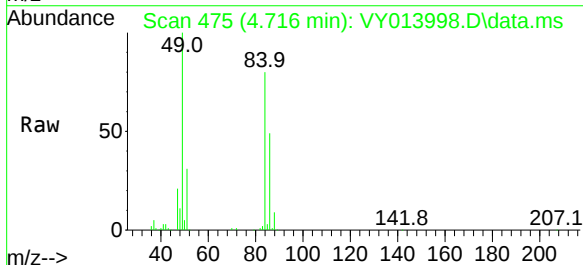
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

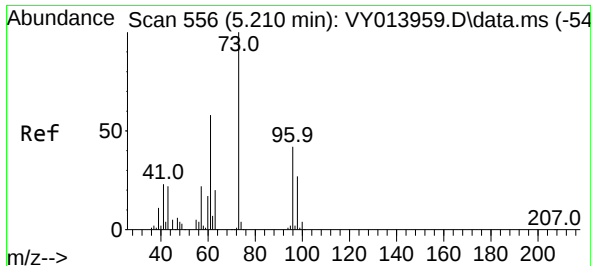
Tgt Ion: 73 Resp: 316800
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 50.665 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 84 Resp: 123020
Ion Ratio Lower Upper
84 100
49 125.6 106.9 160.3
51 38.4 33.2 49.8
86 61.3 51.0 76.6

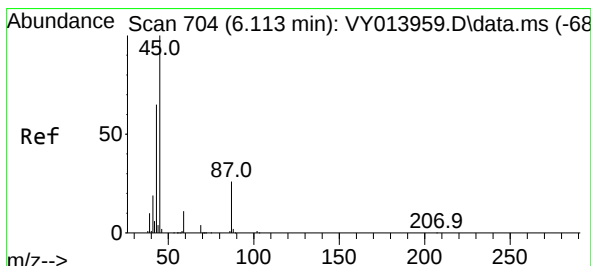
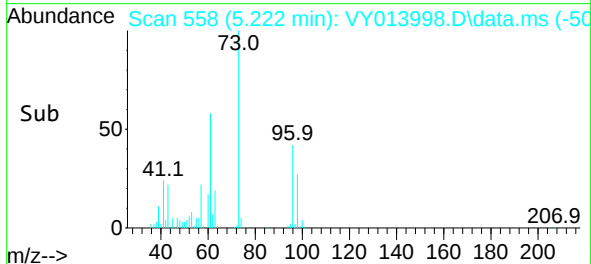
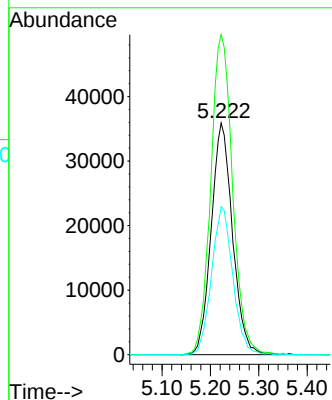
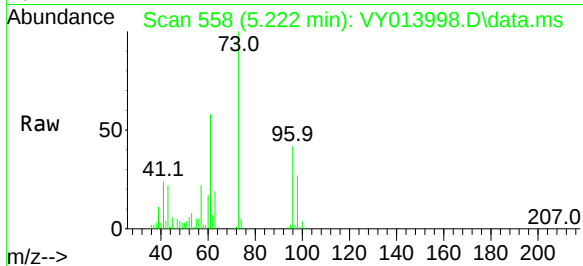




#21
trans-1,2-Dichloroethene
Concen: 50.817 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

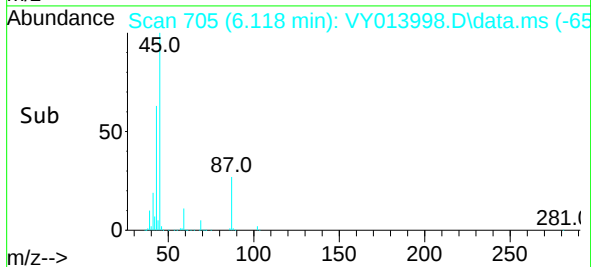
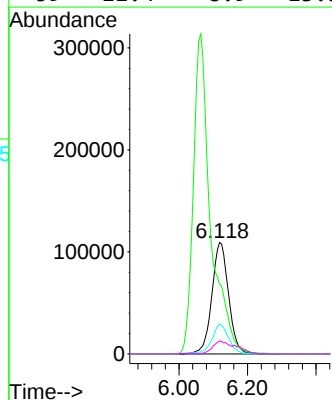
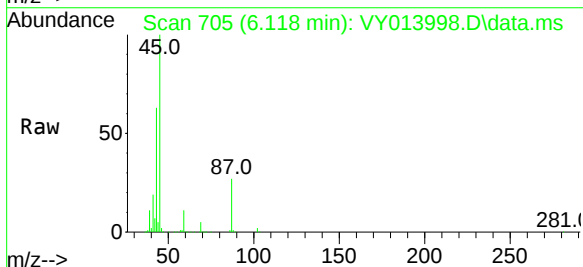
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 109783
Ion Ratio Lower Upper
96 100
61 138.1 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 51.510 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 45 Resp: 369572
Ion Ratio Lower Upper
45 100
43 62.3 52.2 78.4
87 26.8 21.0 31.6
59 11.4 8.9 13.3

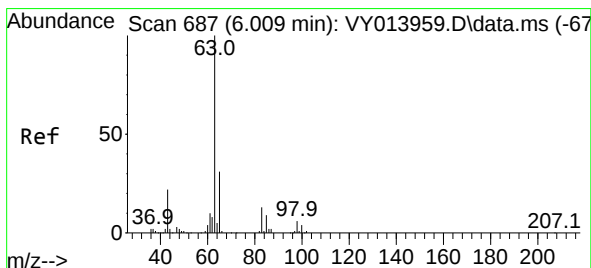
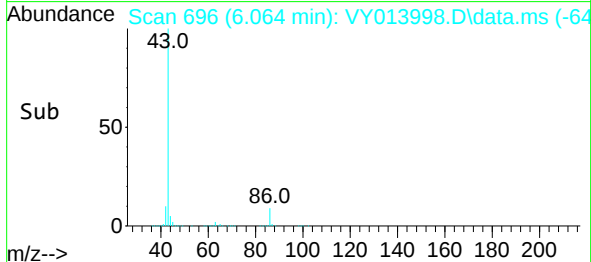
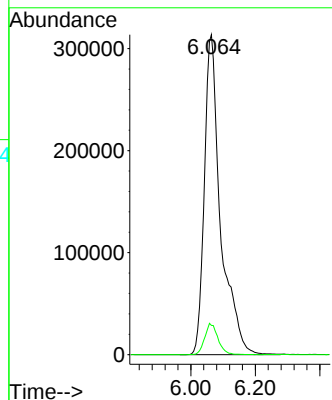
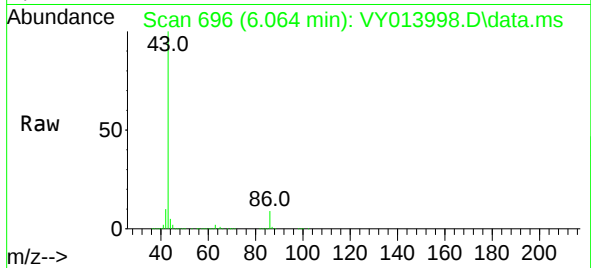




#23
 Vinyl Acetate
 Concen: 243.857 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.012 min
 Lab File: VY013998.D
 Acq: 05 Jun 2023 10:54

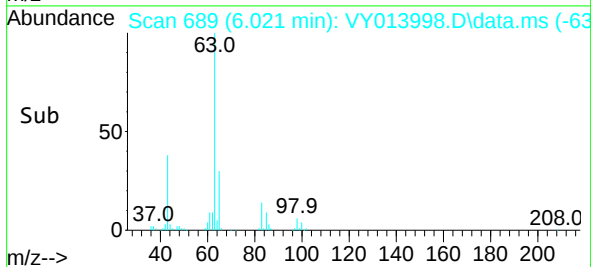
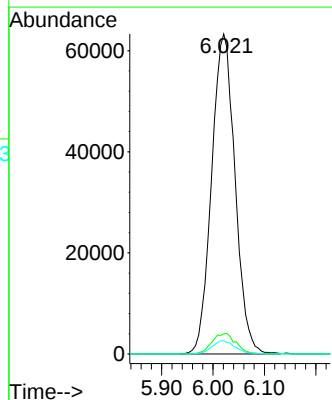
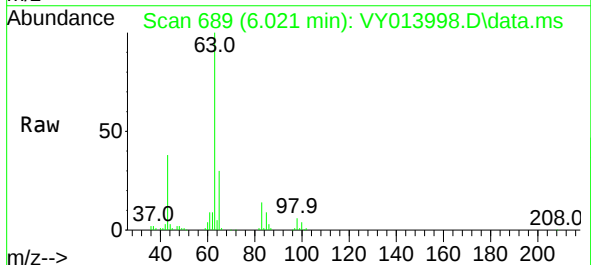
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

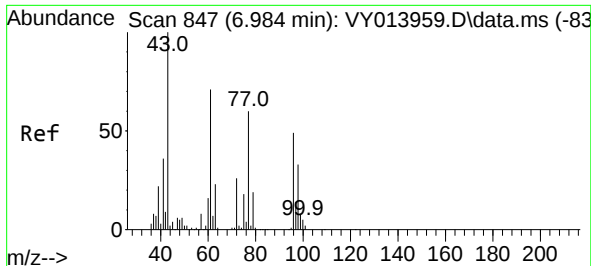
Tgt Ion: 43 Resp: 1097399
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 50.078 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY013998.D
 Acq: 05 Jun 2023 10:54

Tgt Ion: 63 Resp: 200549
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.1 1.8 5.5

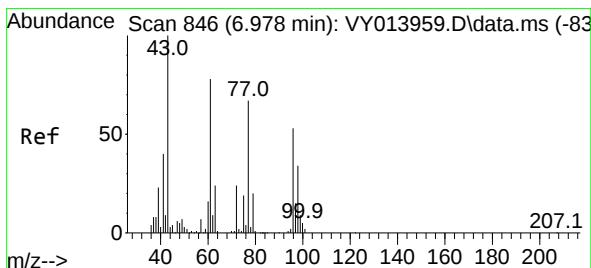
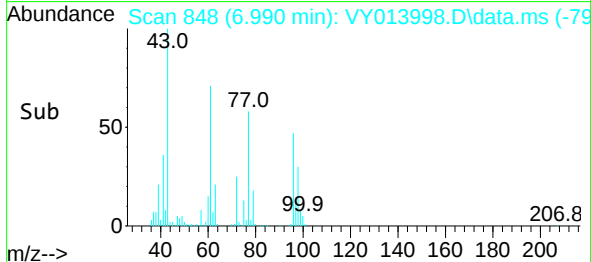
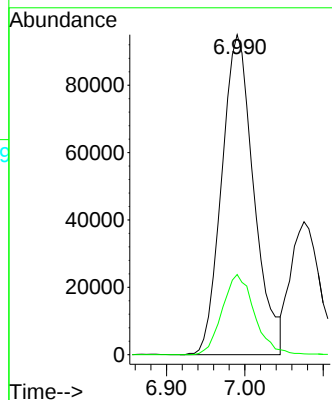
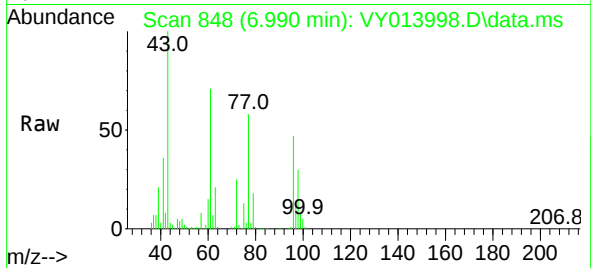




#25
2-Butanone
Concen: 242.059 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

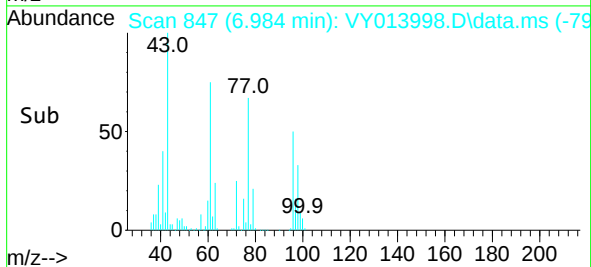
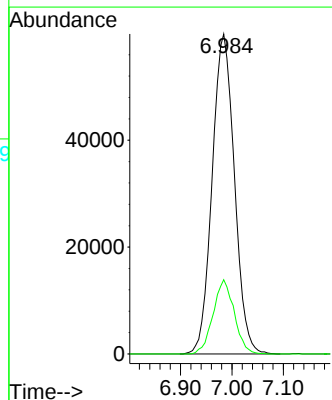
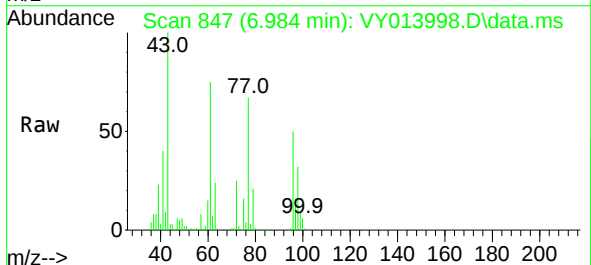
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 270988
Ion Ratio Lower Upper
43 100
72 25.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.565 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 77 Resp: 180141
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9

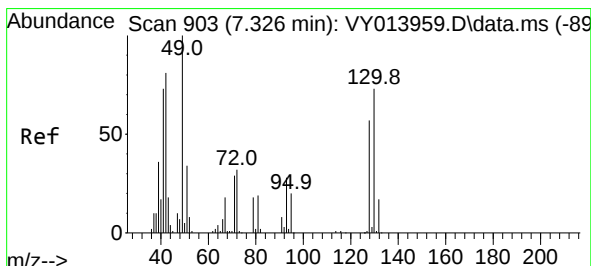
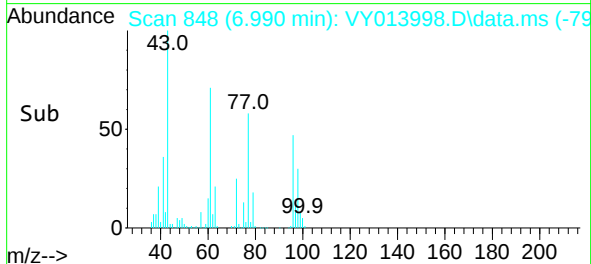
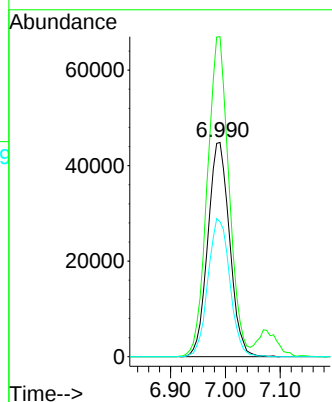
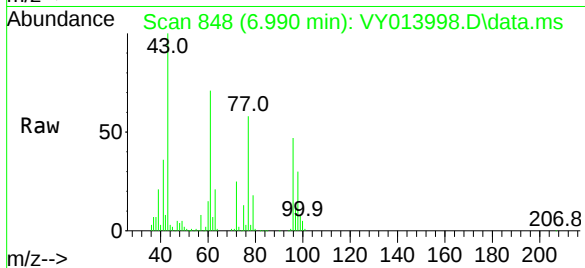




#27
 cis-1,2-Dichloroethene
 Concen: 49.955 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.012 min
 Lab File: VY013998.D
 Acq: 05 Jun 2023 10:54

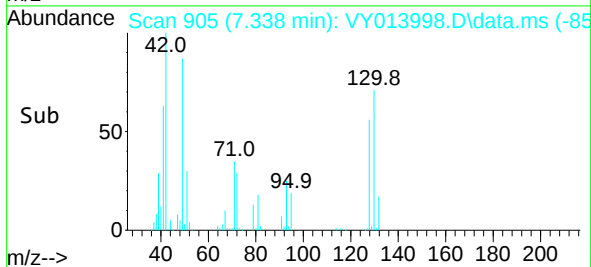
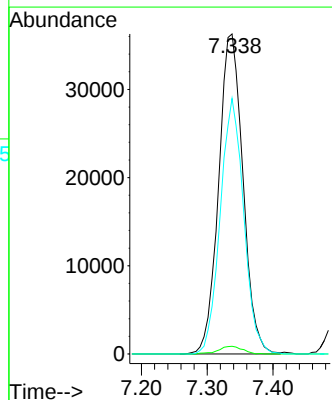
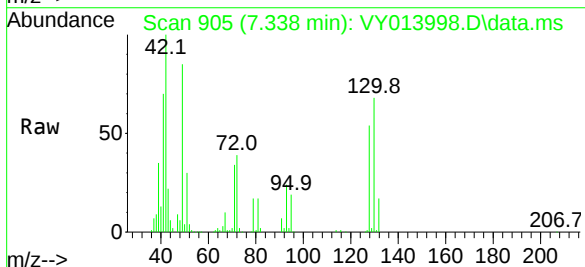
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

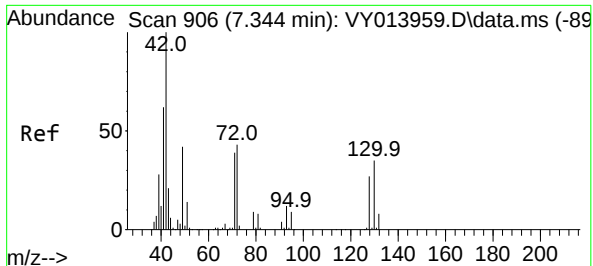
Tgt Ion: 96 Resp: 123560
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 301.4
 98 64.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.257 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY013998.D
 Acq: 05 Jun 2023 10:54

Tgt Ion: 49 Resp: 93160
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 77.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 219.654 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

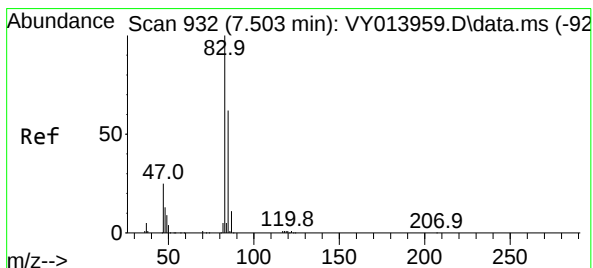
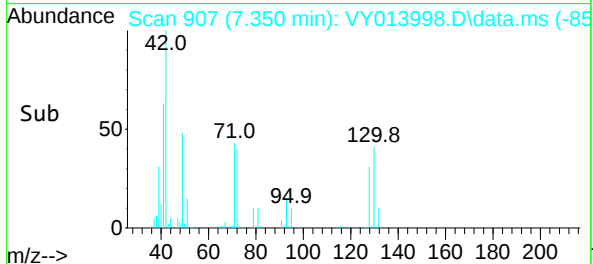
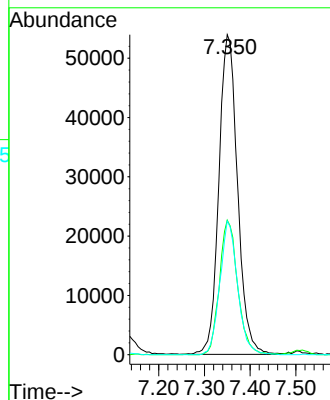
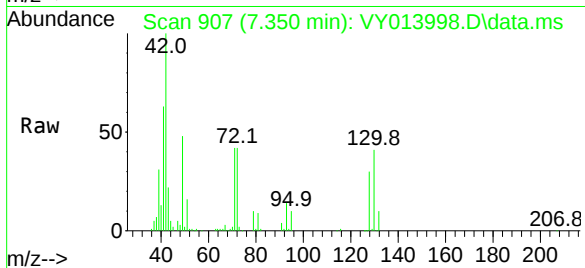
Tgt Ion: 42 Resp: 152917

Ion Ratio Lower Upper

42 100

72 41.1 32.8 49.2

71 39.8 31.0 46.4



#30

Chloroform

Concen: 51.474 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013998.D

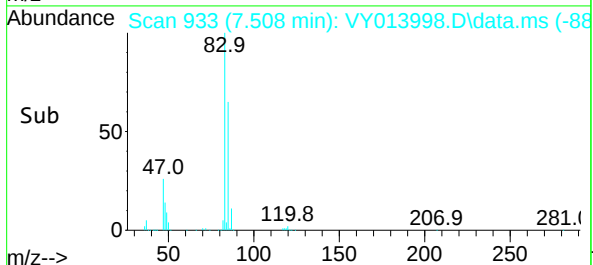
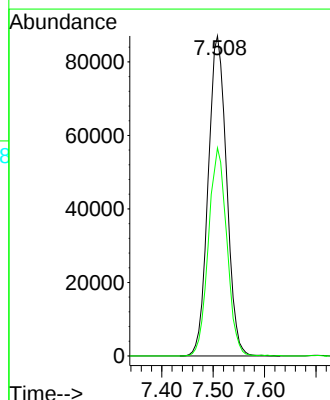
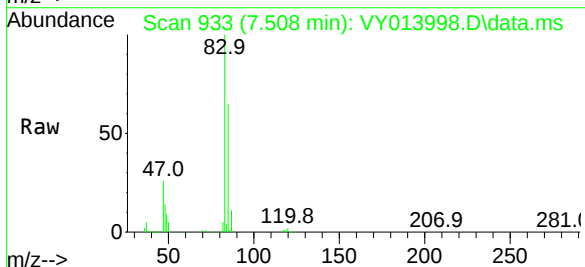
Acq: 05 Jun 2023 10:54

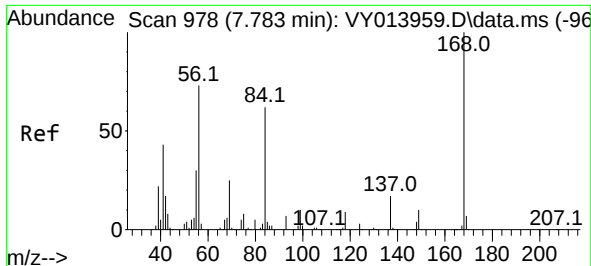
Tgt Ion: 83 Resp: 216438

Ion Ratio Lower Upper

83 100

85 65.0 49.7 74.5

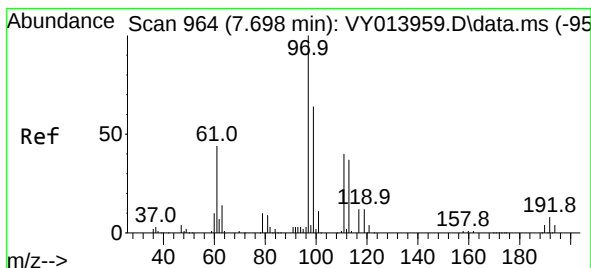
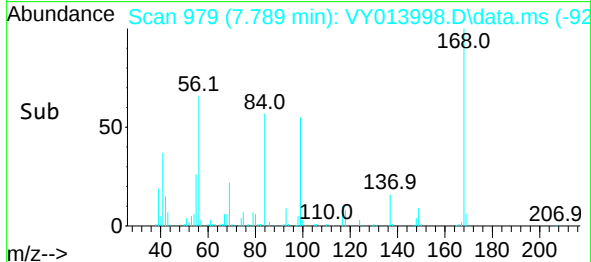
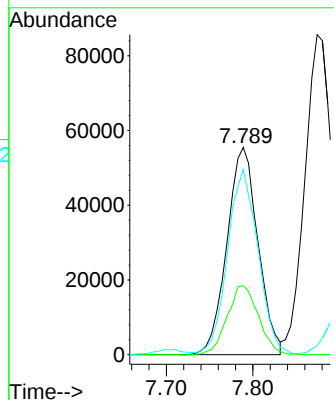
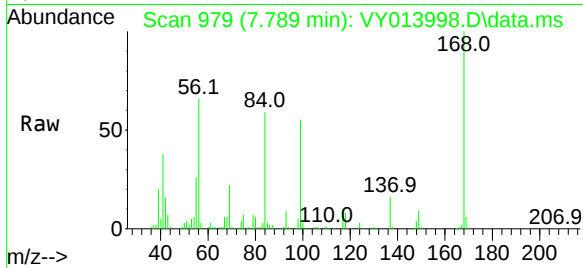




#31
Cyclohexane
Concen: 43.676 ug/l
RT: 7.789 min Scan# 918
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

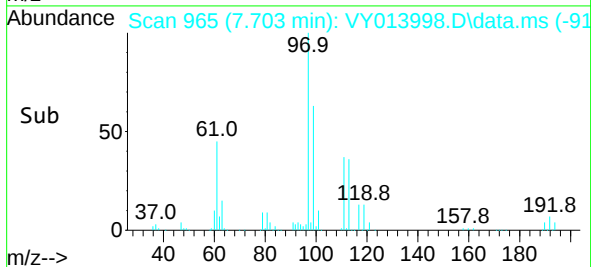
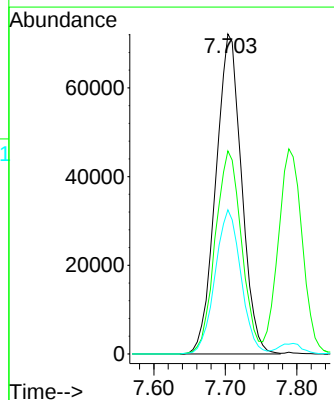
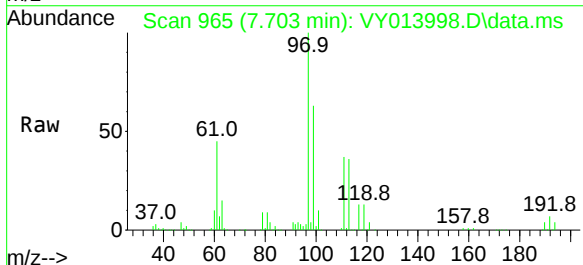
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

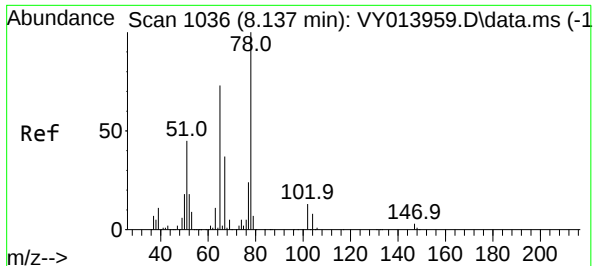
Tgt Ion: 56 Resp: 138138
Ion Ratio Lower Upper
56 100
69 32.6 27.8 41.6
84 87.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.719 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 97 Resp: 180896
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 45.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.926 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

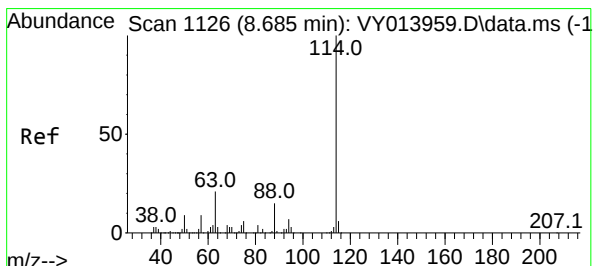
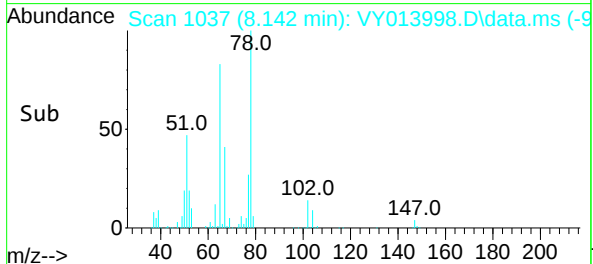
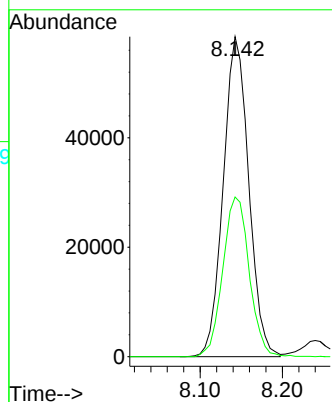
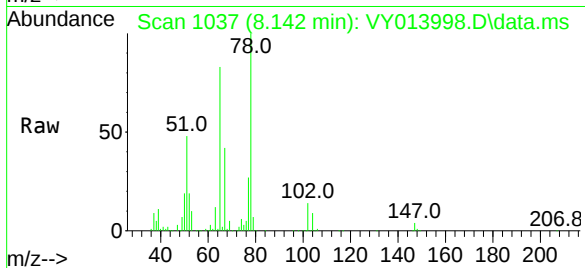
VSTDCCC050

Tgt Ion: 65 Resp: 125880

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

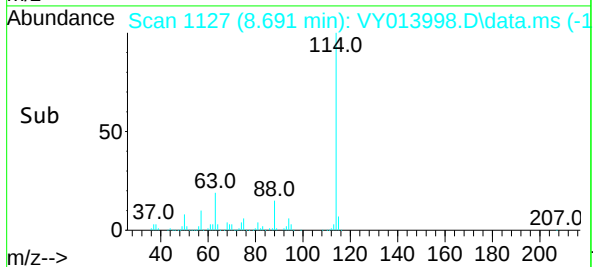
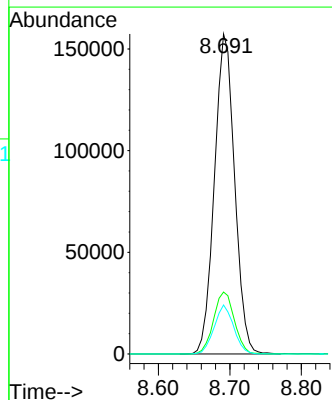
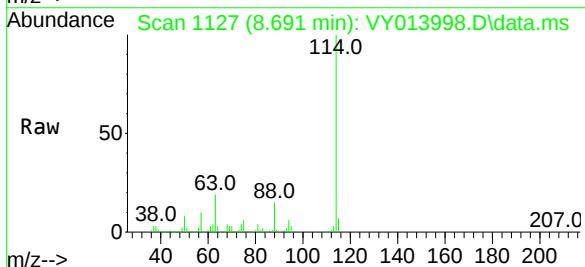
Tgt Ion: 114 Resp: 308751

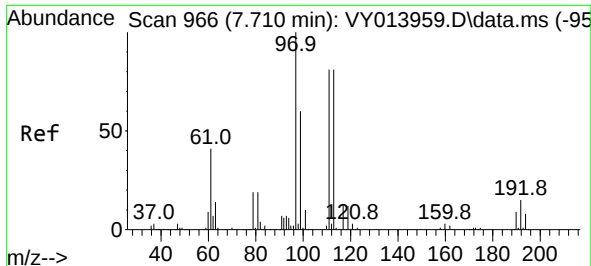
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6

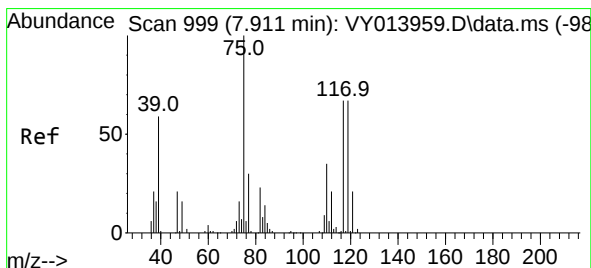
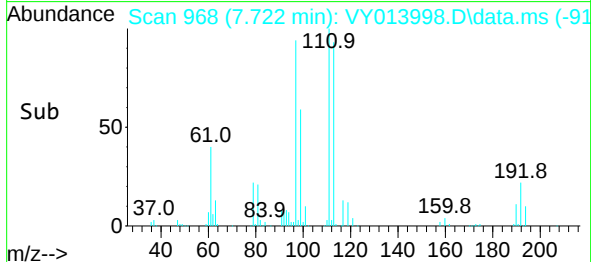
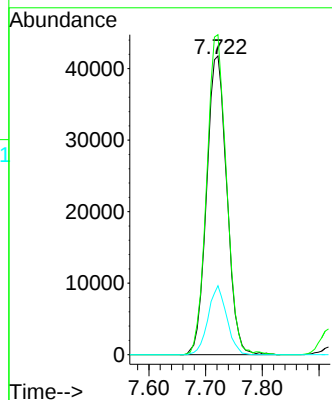
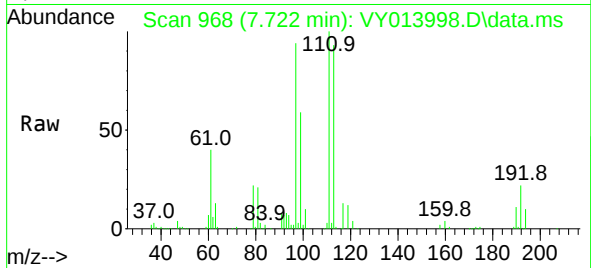




#35
Dibromofluoromethane
Concen: 52.719 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

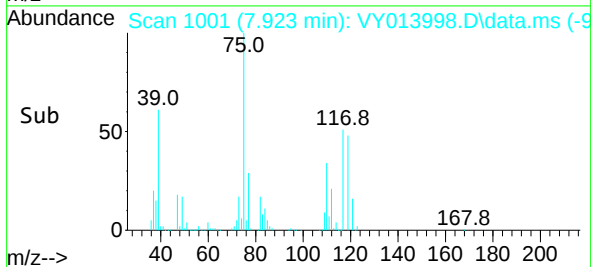
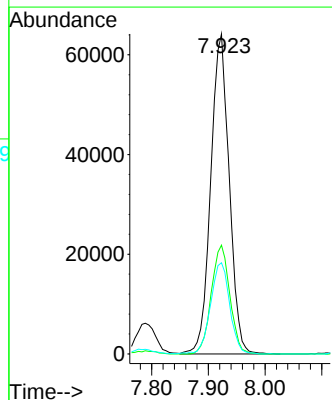
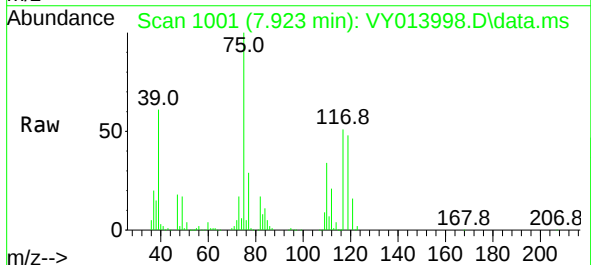
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

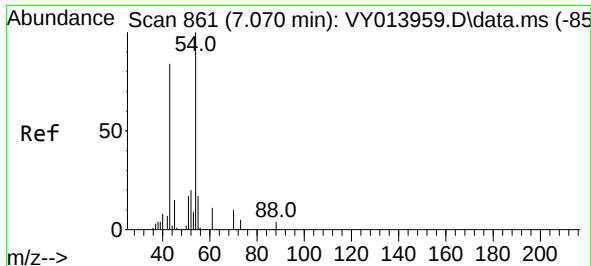
Tgt Ion:113 Resp: 103443
Ion Ratio Lower Upper
113 100
111 105.0 81.3 121.9
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.960 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 75 Resp: 145252
Ion Ratio Lower Upper
75 100
110 34.1 17.8 53.5
77 29.6 24.4 36.6

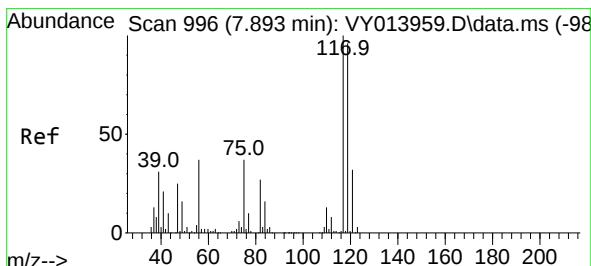
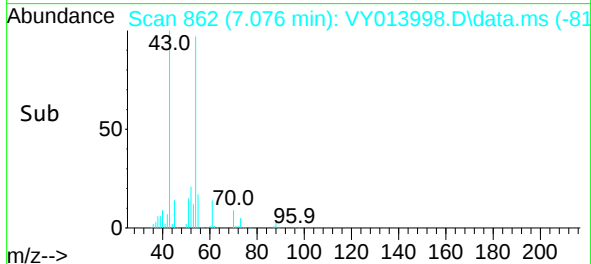
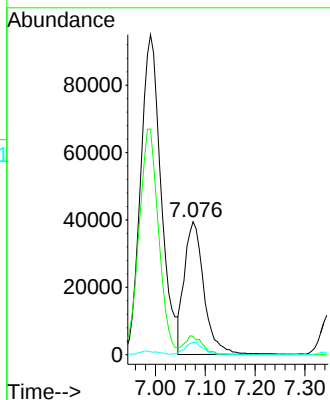
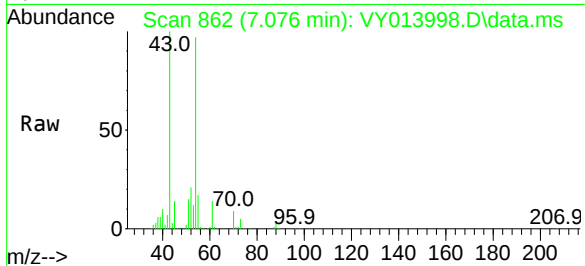




#37
Ethyl Acetate
Concen: 43.864 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

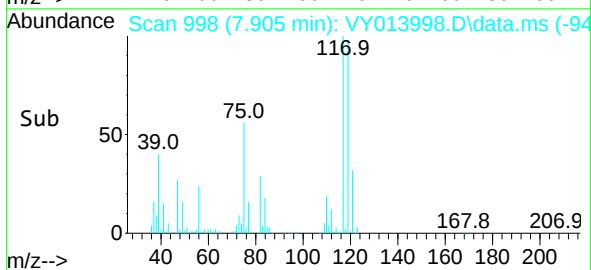
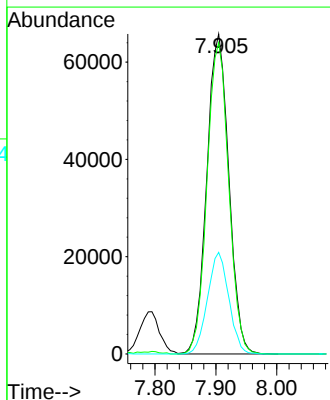
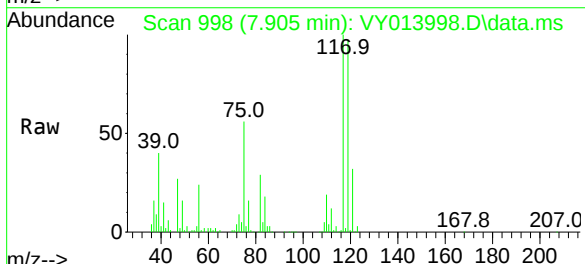
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

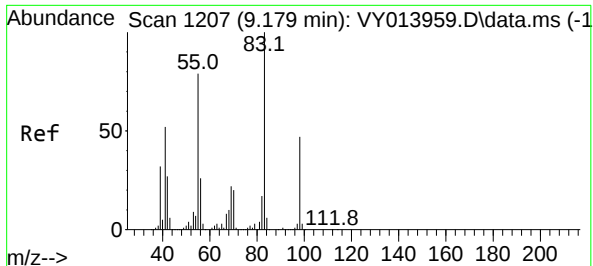
Tgt Ion: 43 Resp: 106907
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.842 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 117 Resp: 165528
Ion Ratio Lower Upper
117 100
119 97.3 76.4 114.6
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 49.076 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

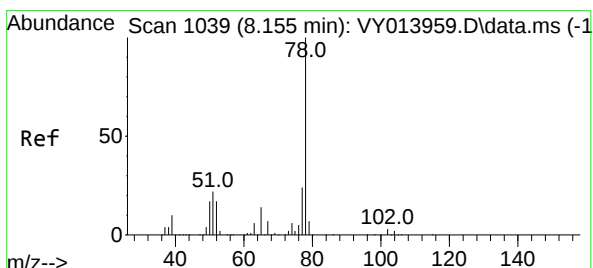
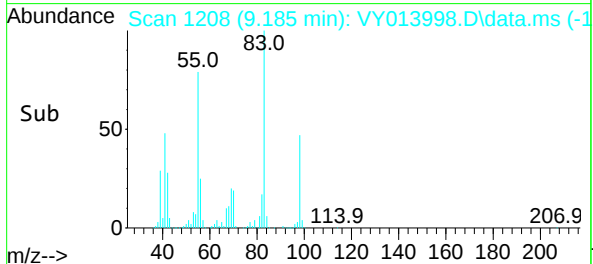
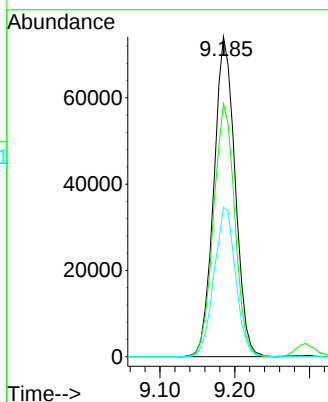
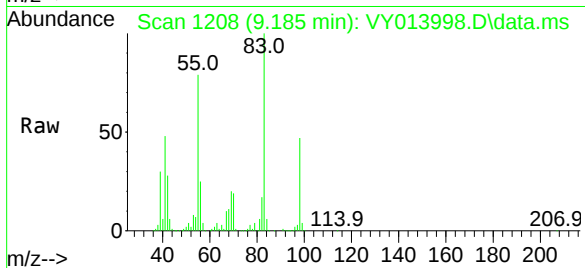
Tgt Ion: 83 Resp: 146458

Ion Ratio Lower Upper

83 100

55 79.1 63.0 94.4

98 46.7 37.4 56.2



#40

Benzene

Concen: 51.268 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY013998.D

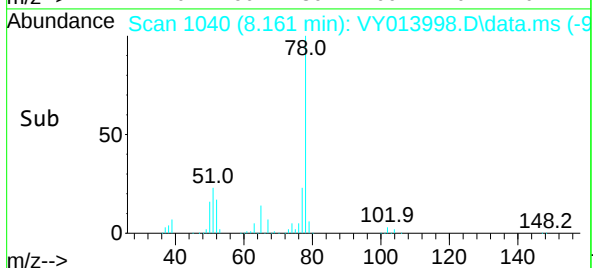
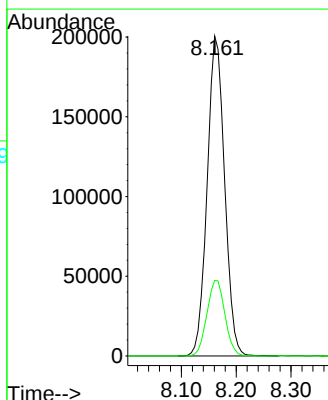
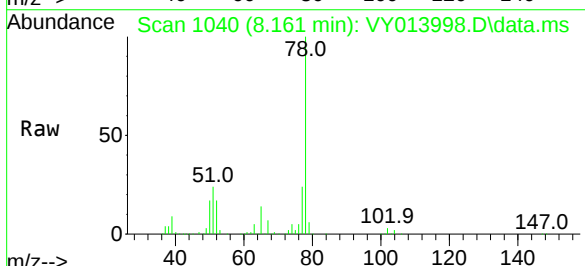
Acq: 05 Jun 2023 10:54

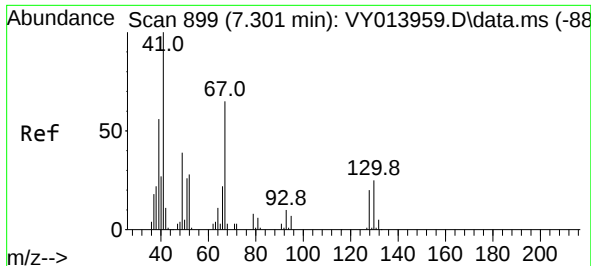
Tgt Ion: 78 Resp: 442110

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

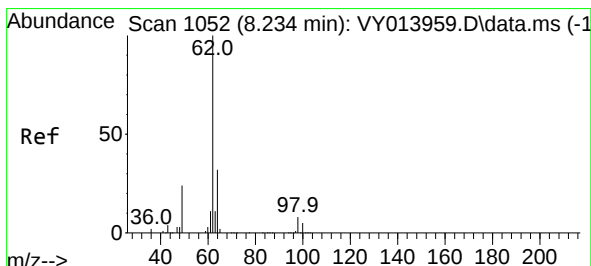
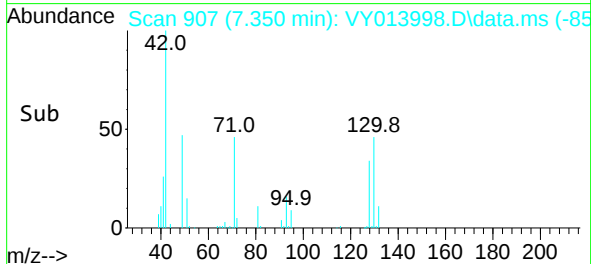
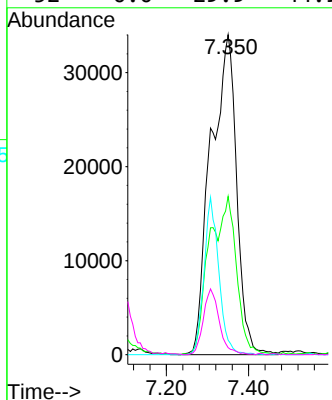
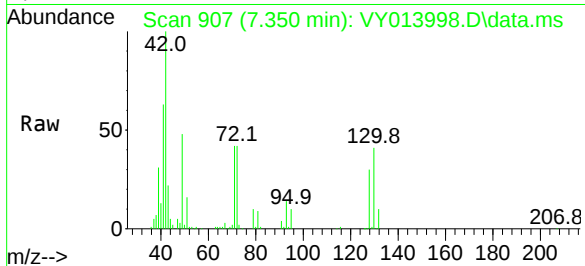




#41
Methacrylonitrile
Concen: 131.314 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.049 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

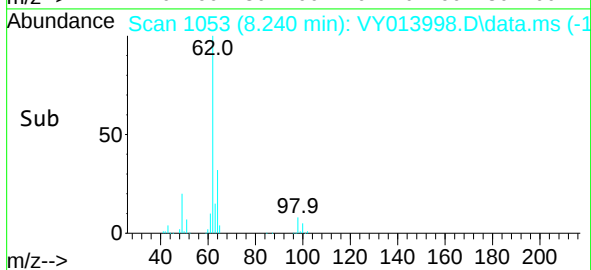
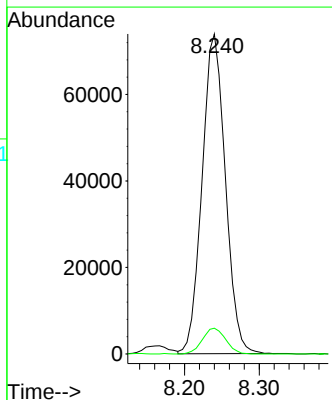
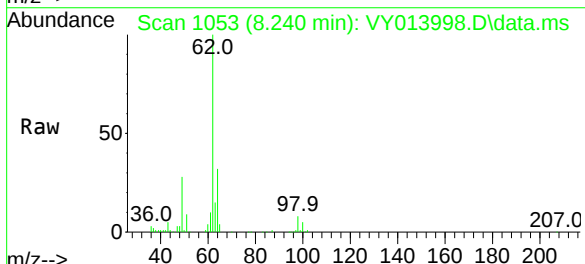
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

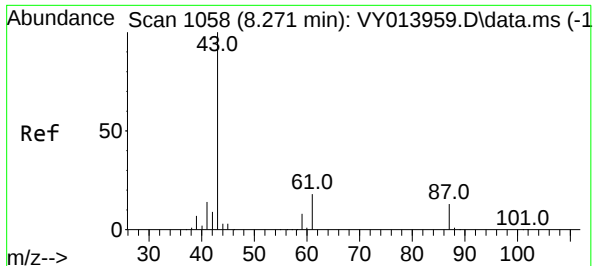
Tgt Ion: 41 Resp: 147920
Ion Ratio Lower Upper
41 100
39 26.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.541 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 62 Resp: 159817
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8

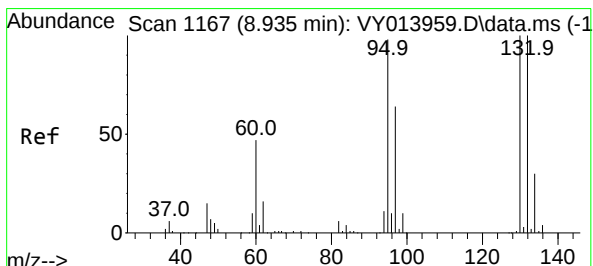
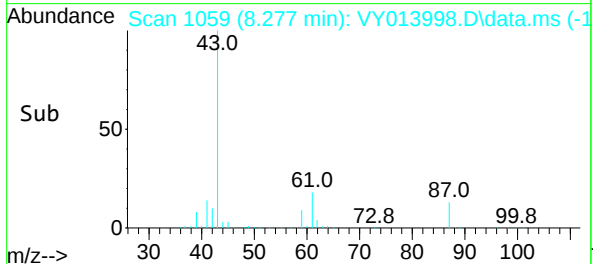
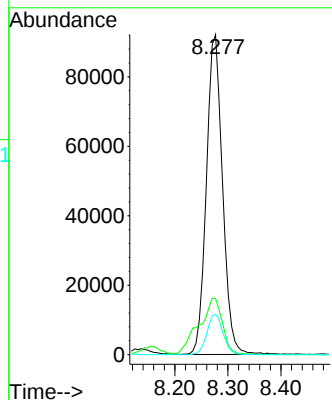
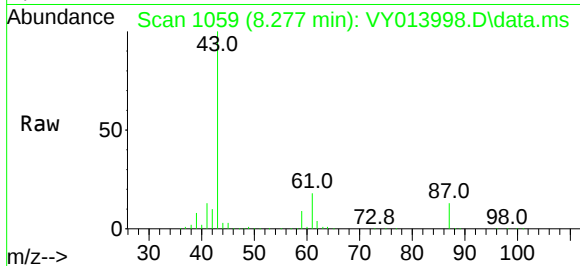




#43
Isopropyl Acetate
Concen: 47.422 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

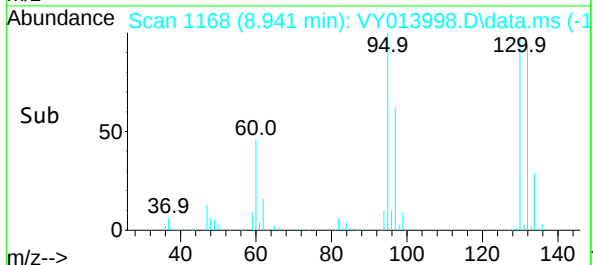
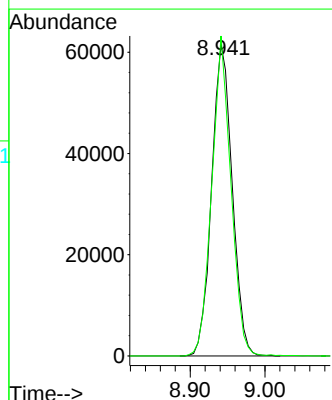
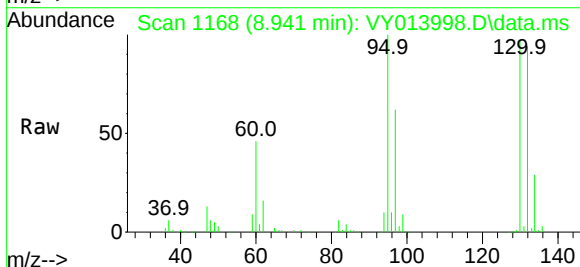
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

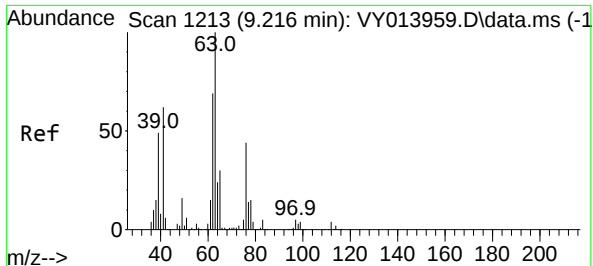
Tgt Ion: 43 Resp: 194611
Ion Ratio Lower Upper
43 100
61 25.9 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 52.165 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 130 Resp: 117801
Ion Ratio Lower Upper
130 100
95 102.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.581 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

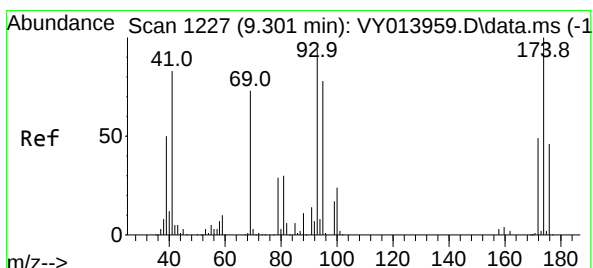
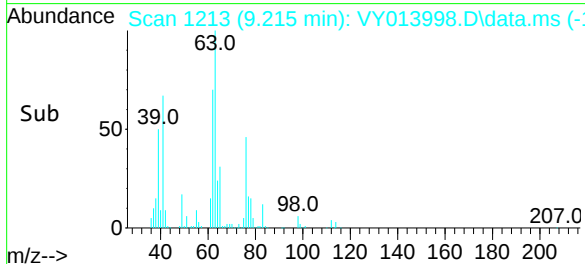
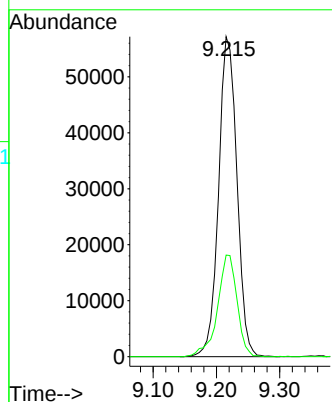
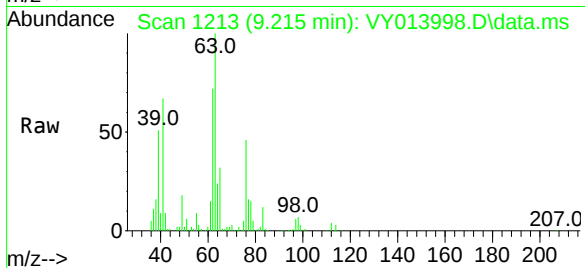
VSTDCCC050

Tgt Ion: 63 Resp: 114789

Ion Ratio Lower Upper

63 100

65 31.7 23.8 35.6



#46

Dibromomethane

Concen: 50.072 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

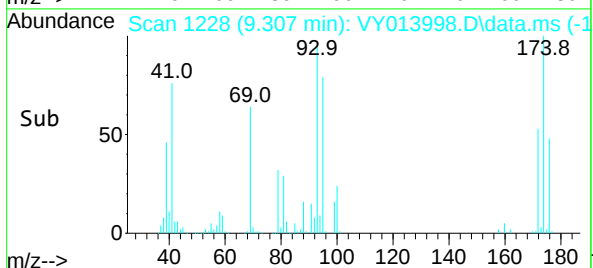
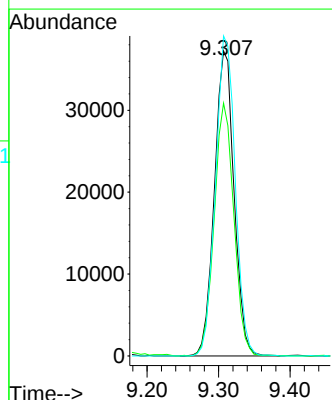
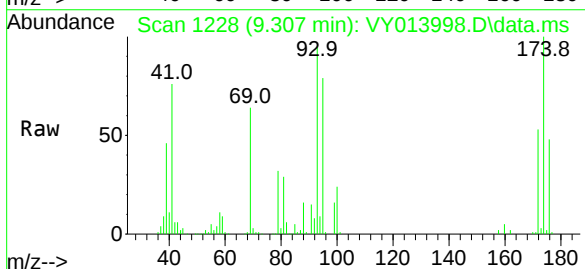
Tgt Ion: 93 Resp: 71337

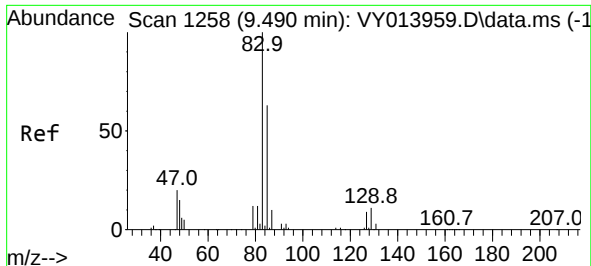
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 105.1 84.8 127.2





#47

Bromodichloromethane

Concen: 53.161 ug/l

RT: 9.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

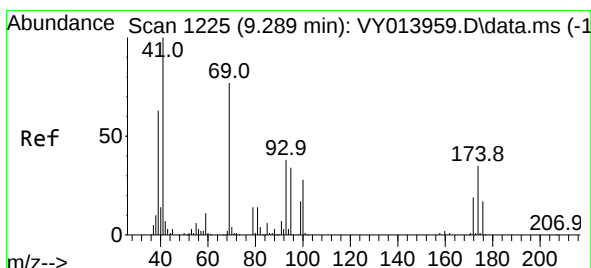
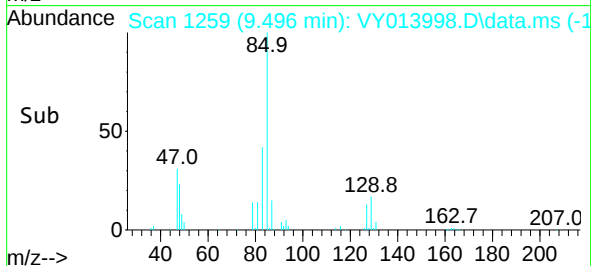
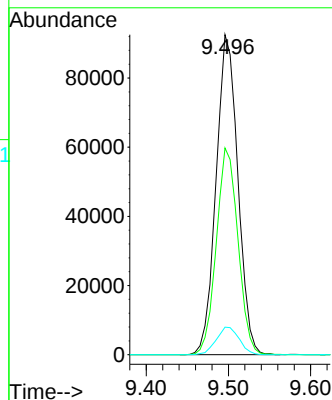
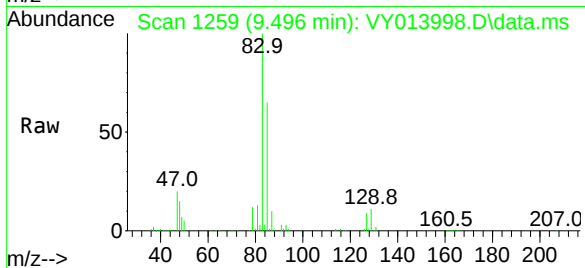
Tgt Ion: 83 Resp: 170613

Ion Ratio Lower Upper

83 100

85 64.6 50.1 75.1

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 48.190 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

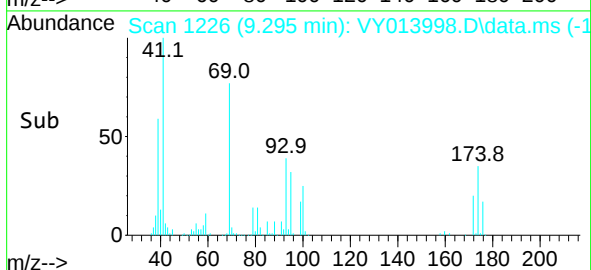
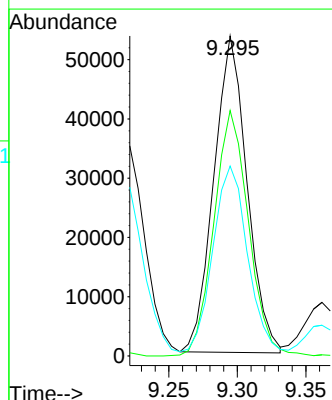
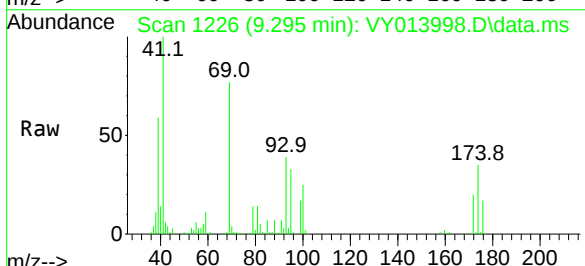
Tgt Ion: 41 Resp: 90014

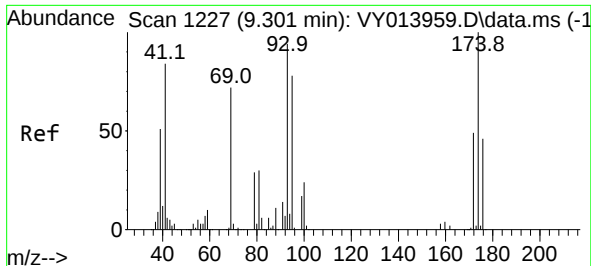
Ion Ratio Lower Upper

41 100

69 80.9 64.5 96.7

39 63.8 50.8 76.2





#49

1,4-Dioxane

Concen: 953.684 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

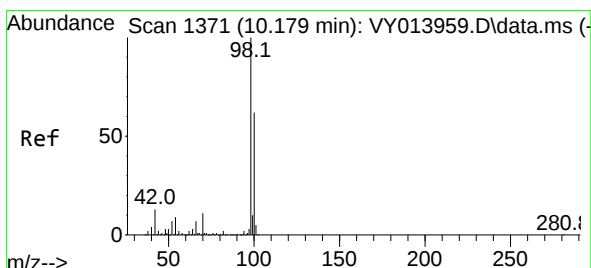
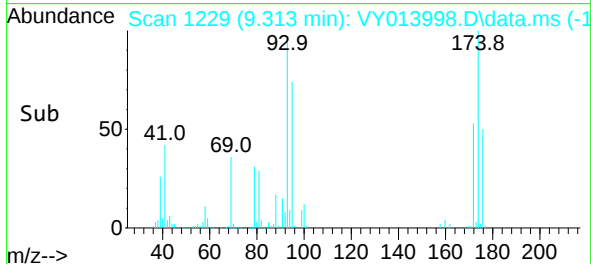
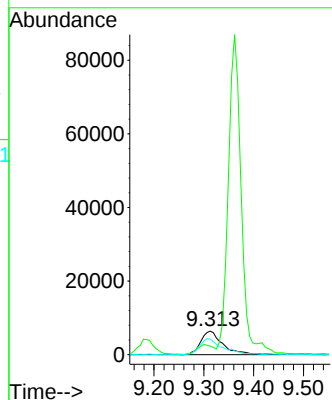
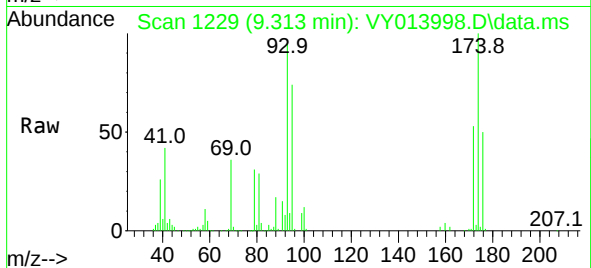
Tgt Ion: 88 Resp: 19759

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 71.2 30.9 46.3#



#50

Toluene-d8

Concen: 51.152 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY013998.D

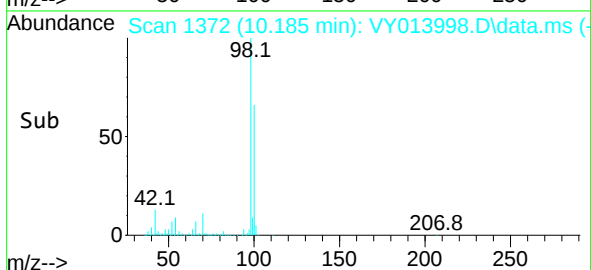
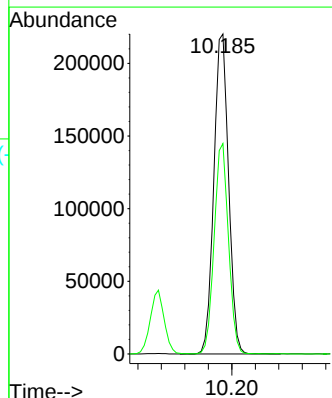
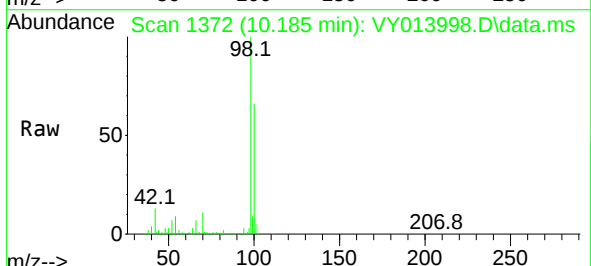
Acq: 05 Jun 2023 10:54

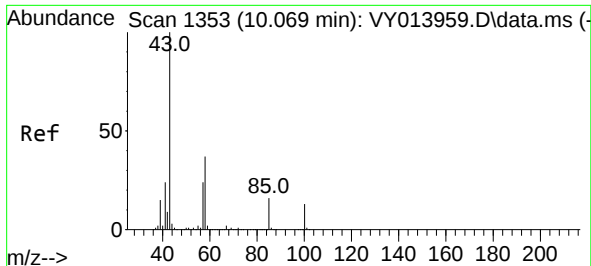
Tgt Ion: 98 Resp: 382843

Ion Ratio Lower Upper

98 100

100 63.9 50.1 75.1

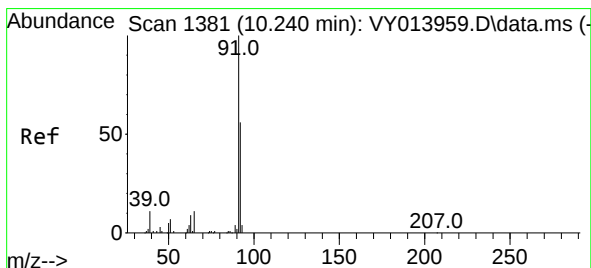
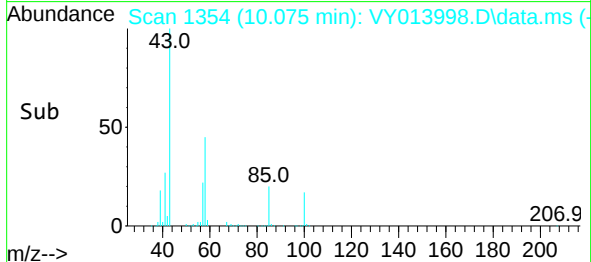
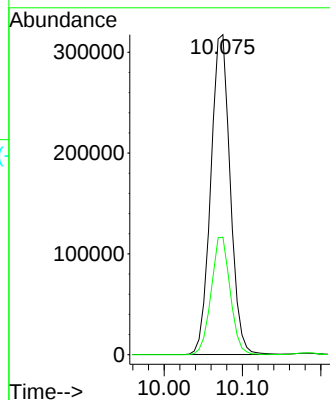
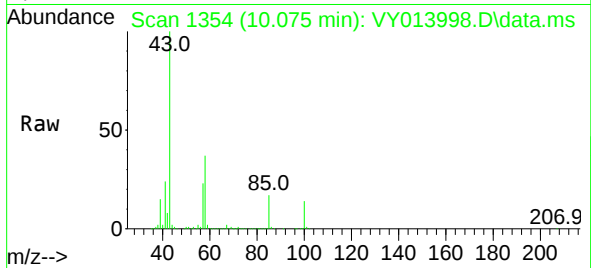




#51
4-Methyl-2-Pentanone
Concen: 236.014 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

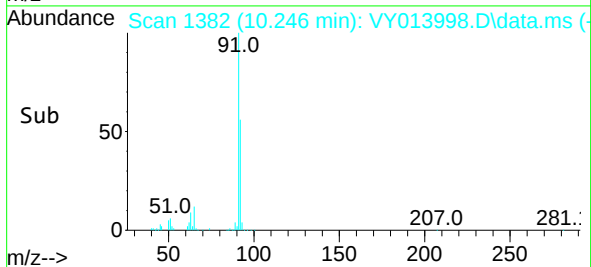
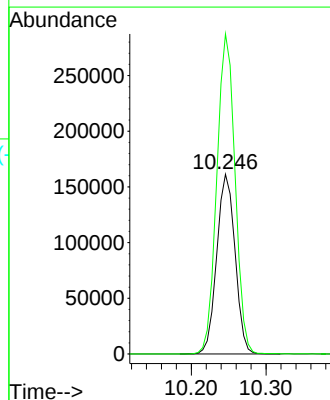
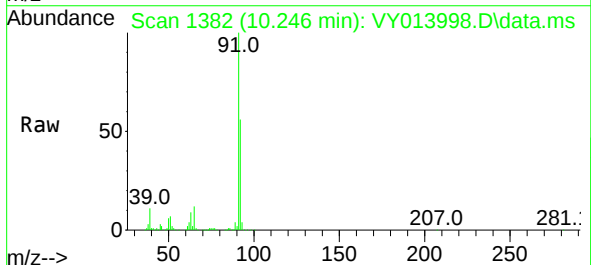
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

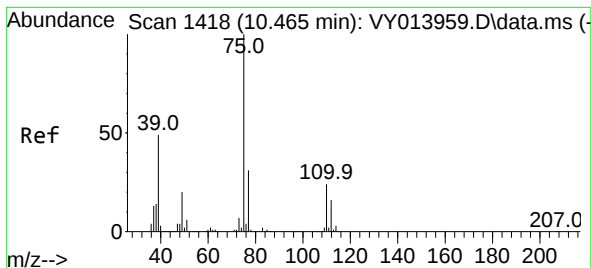
Tgt Ion: 43 Resp: 547070
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.6



#52
Toluene
Concen: 51.966 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 92 Resp: 274526
Ion Ratio Lower Upper
92 100
91 177.9 143.8 215.6

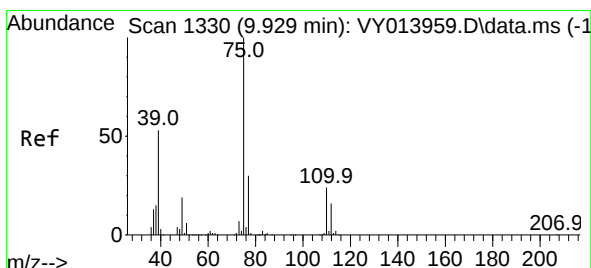
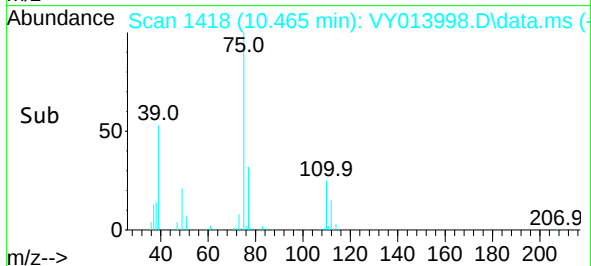
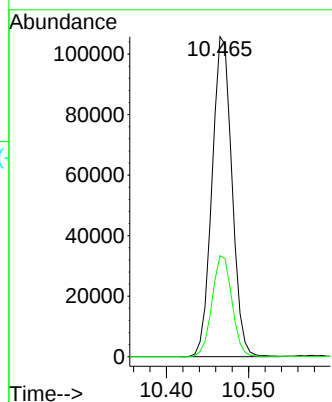
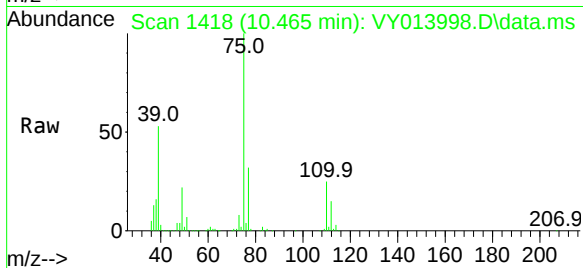




#53
 t-1,3-Dichloropropene
 Concen: 51.673 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013998.D
 Acq: 05 Jun 2023 10:54

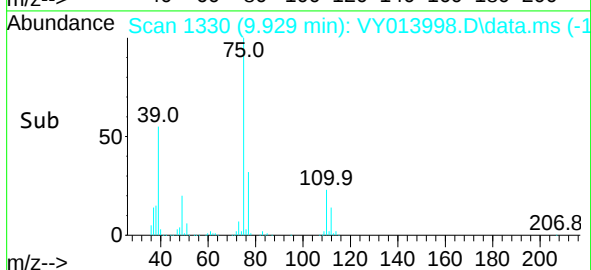
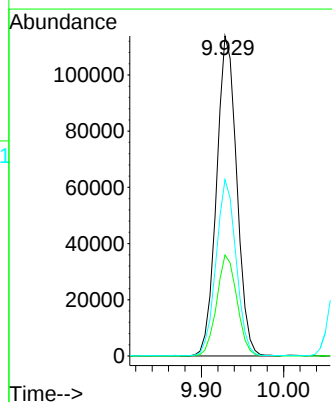
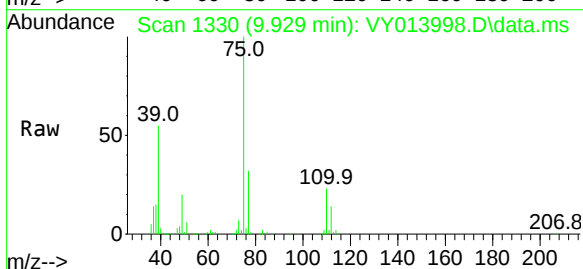
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

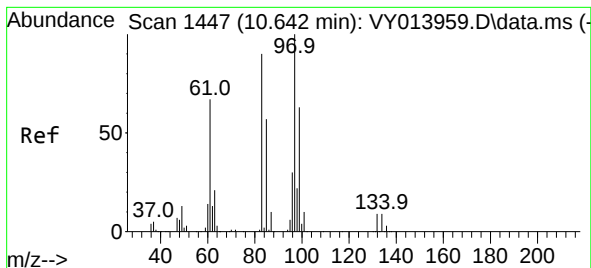
Tgt Ion: 75 Resp: 178140
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.839 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013998.D
 Acq: 05 Jun 2023 10:54

Tgt Ion: 75 Resp: 194485
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 55.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.253 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 100022

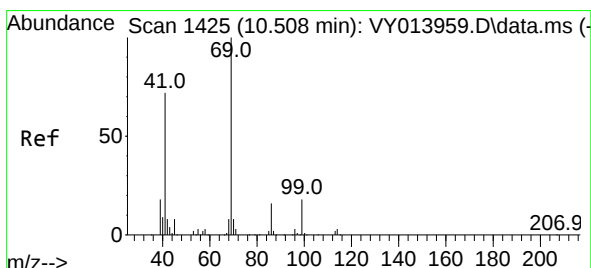
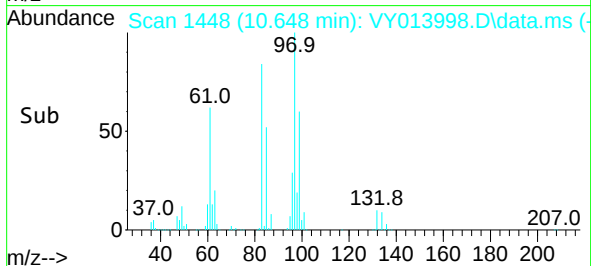
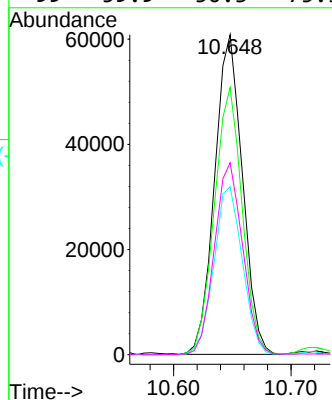
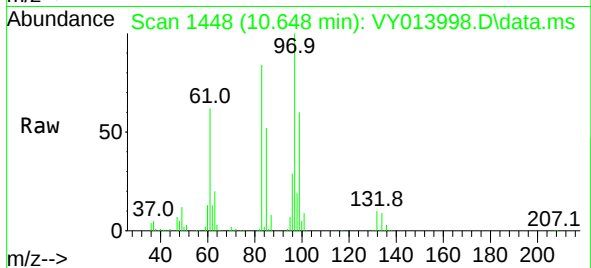
Ion Ratio Lower Upper

97 100

83 83.6 72.0 108.0

85 52.5 45.4 68.0

99 59.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.087 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

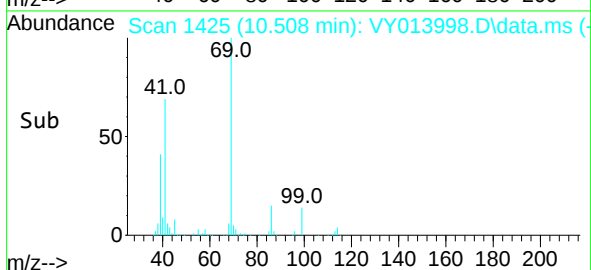
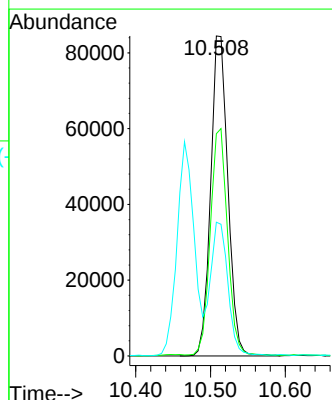
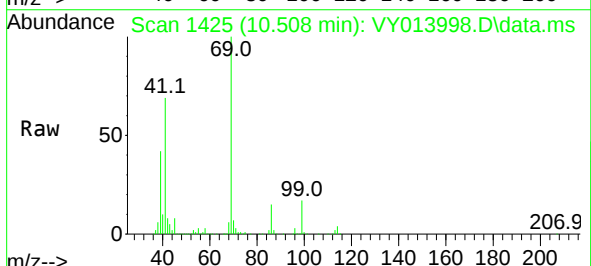
Tgt Ion: 69 Resp: 135074

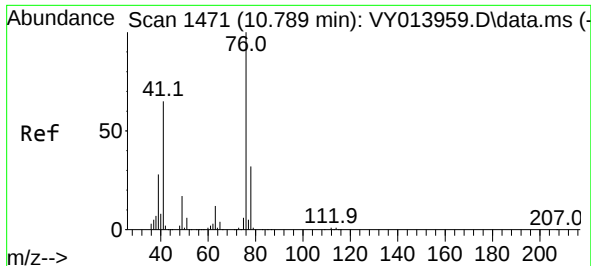
Ion Ratio Lower Upper

69 100

41 70.7 57.6 86.4

39 41.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.974 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

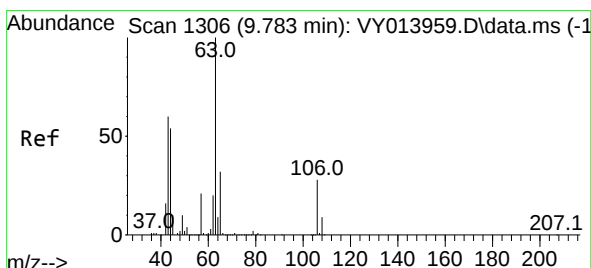
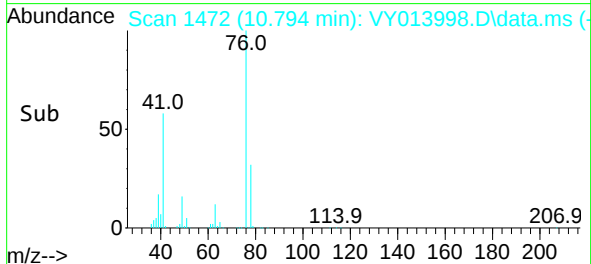
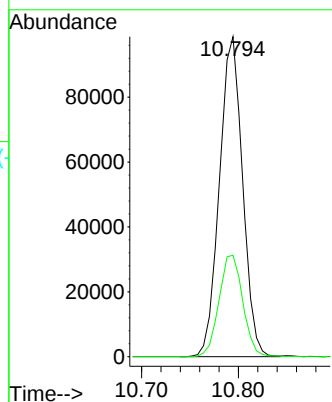
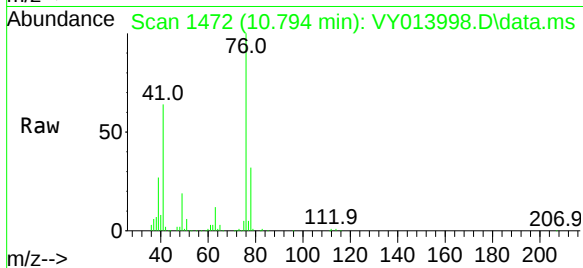
VSTDCCC050

Tgt Ion: 76 Resp: 163593

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 249.957 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY013998.D

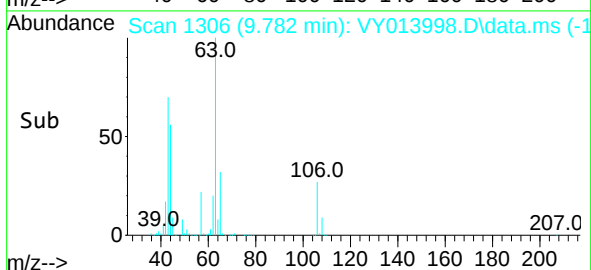
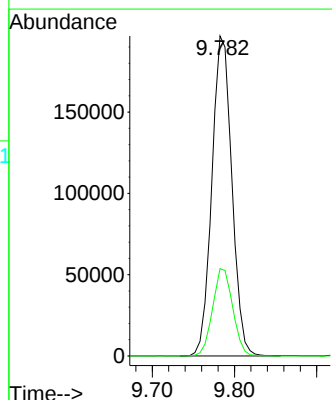
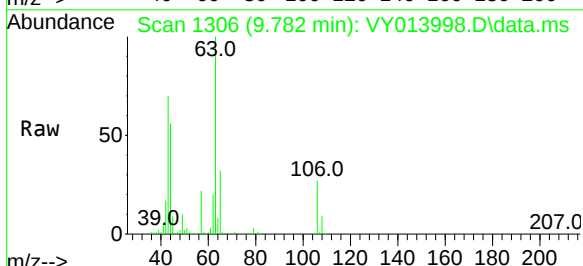
Acq: 05 Jun 2023 10:54

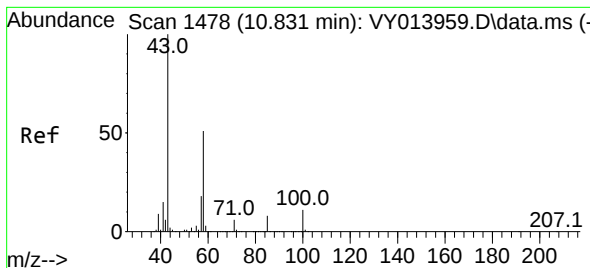
Tgt Ion: 63 Resp: 331655

Ion Ratio Lower Upper

63 100

106 27.4 21.2 31.8

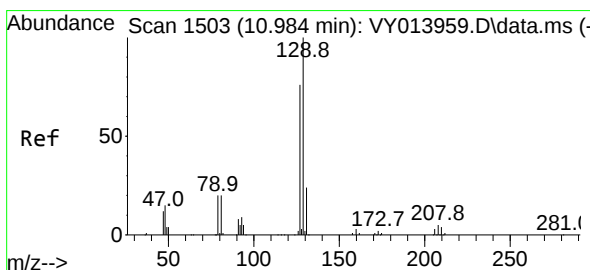
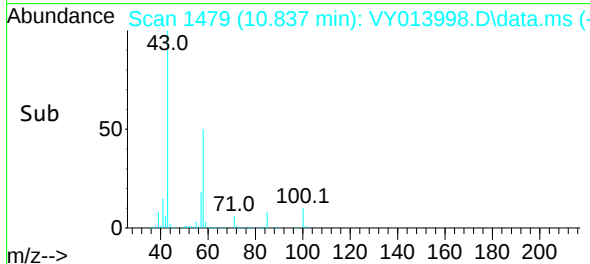
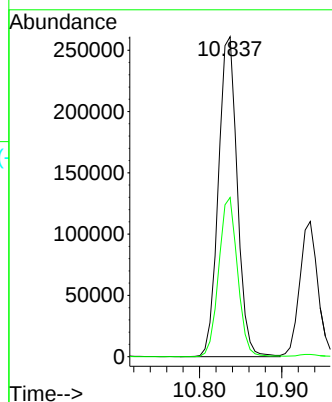
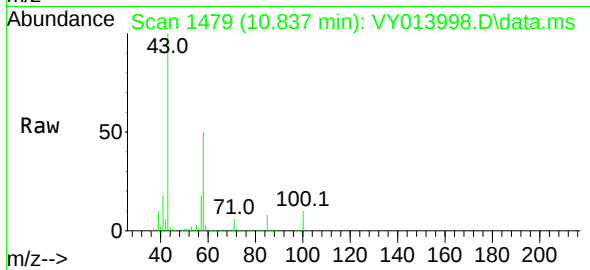




#59
2-Hexanone
Concen: 248.517 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

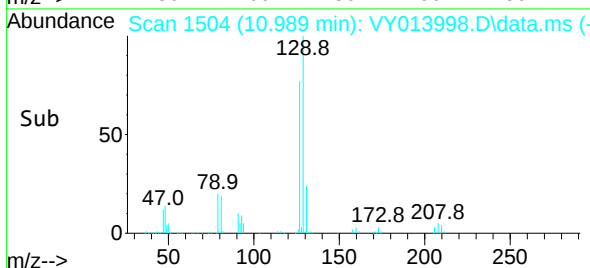
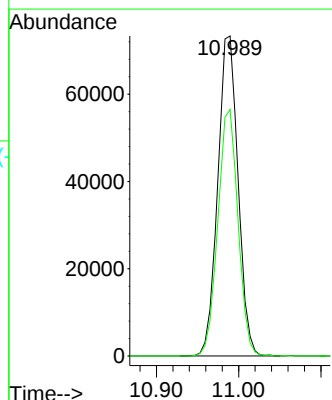
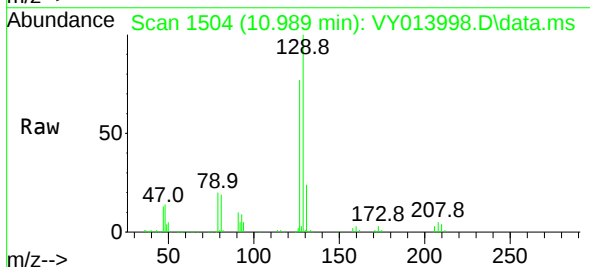
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

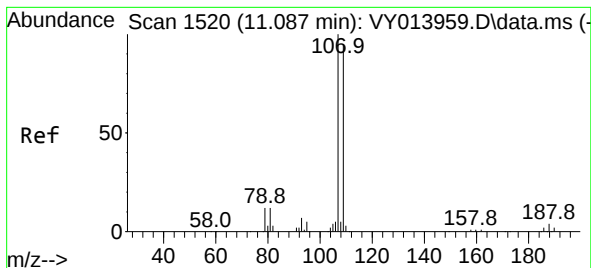
Tgt Ion: 43 Resp: 417121
Ion Ratio Lower Upper
43 100
58 49.5 25.1 75.3



#60
Dibromochloromethane
Concen: 53.065 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 129 Resp: 125971
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.958 ug/l

RT: 11.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

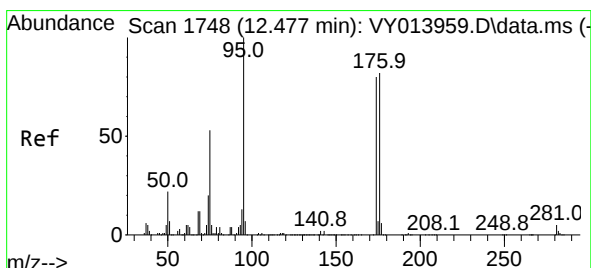
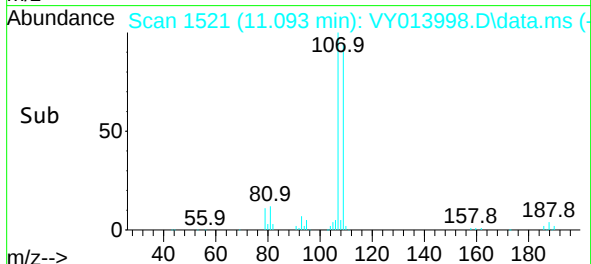
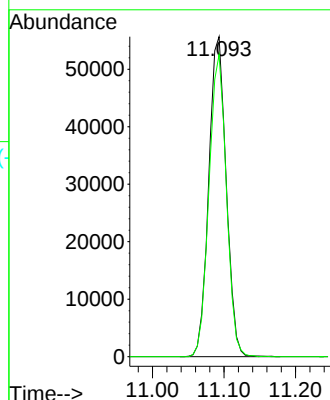
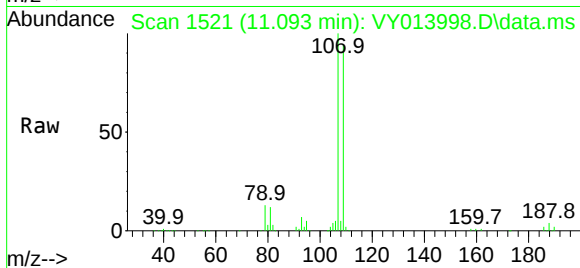
VSTDCCC050

Tgt Ion:107 Resp: 94277

Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.711 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

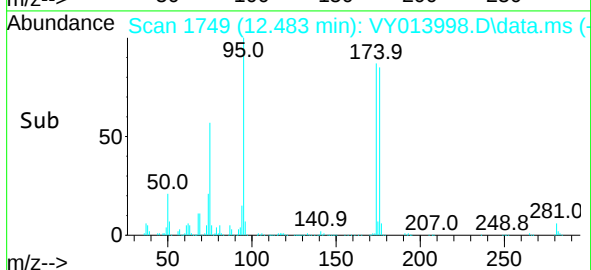
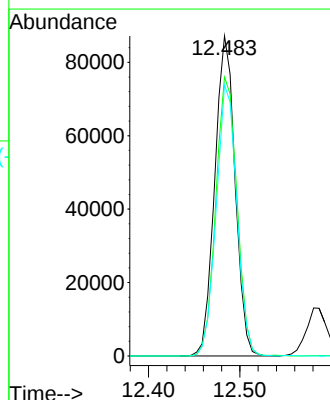
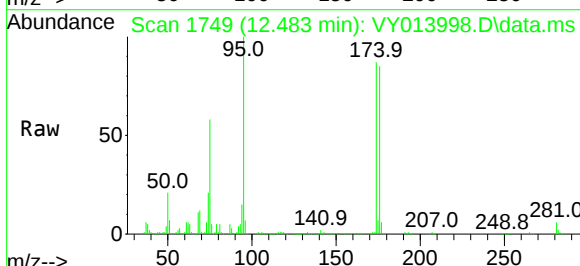
Tgt Ion: 95 Resp: 134498

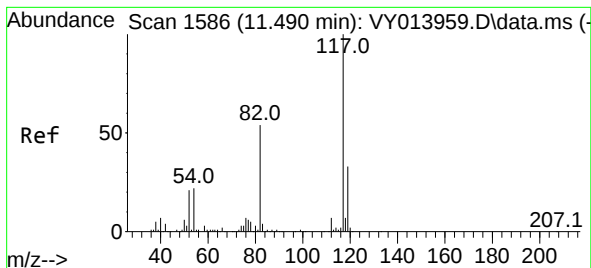
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

176 85.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

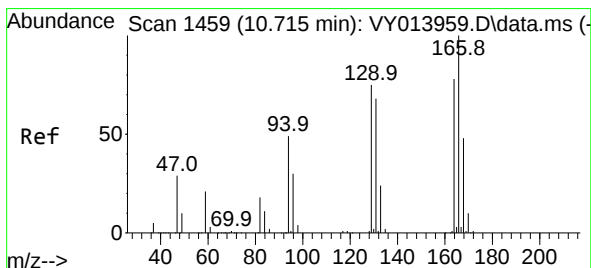
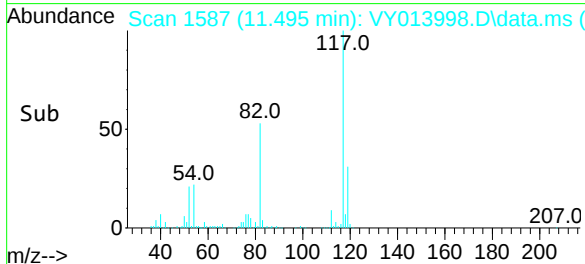
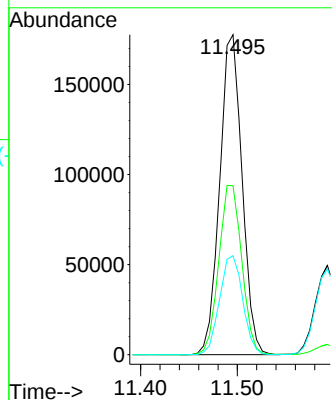
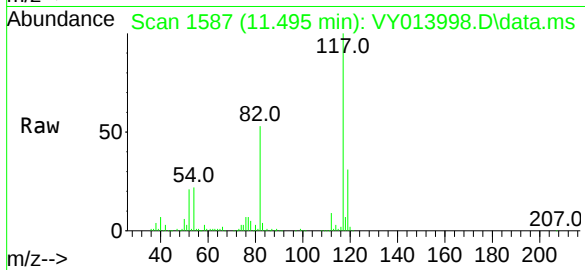
Tgt Ion:117 Resp: 284732

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 30.9 26.3 39.5



#64

Tetrachloroethene

Concen: 56.086 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Tgt Ion:164 Resp: 109404

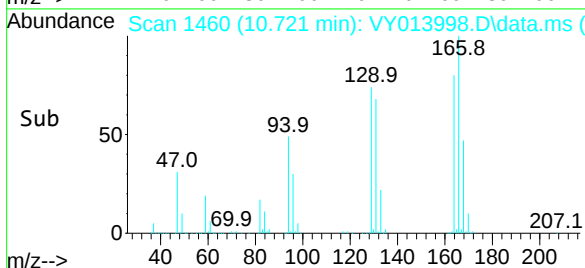
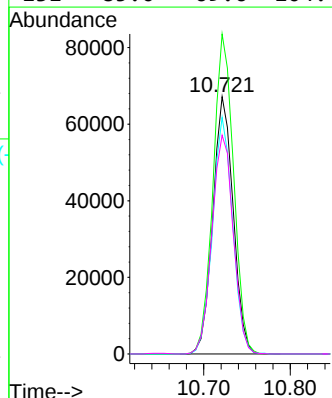
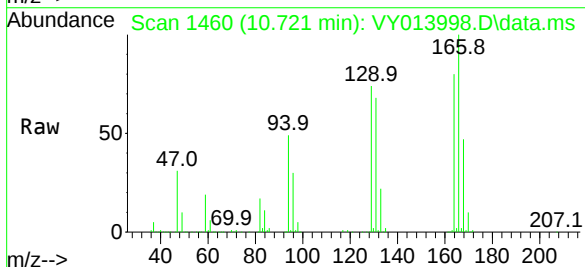
Ion Ratio Lower Upper

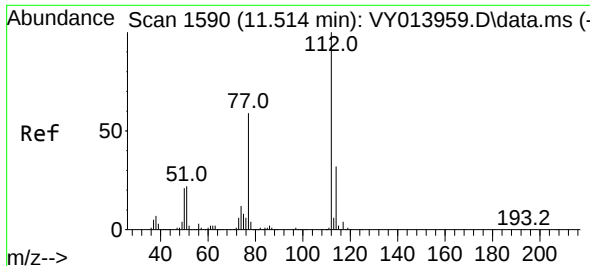
164 100

166 124.4 103.0 154.6

129 91.9 77.2 115.8

131 85.0 69.6 104.4

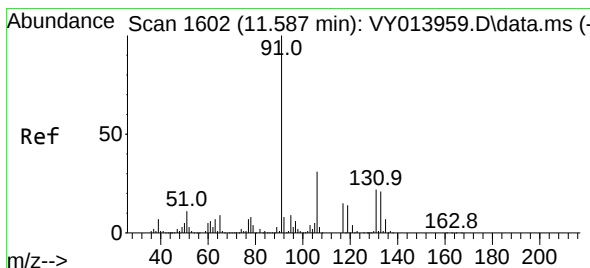
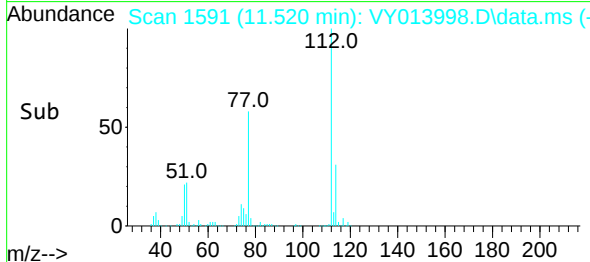
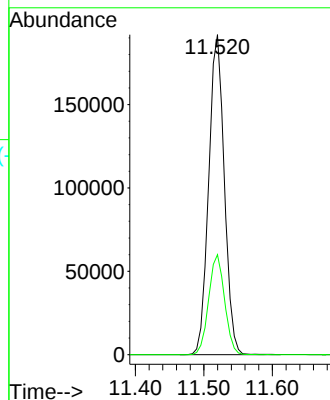
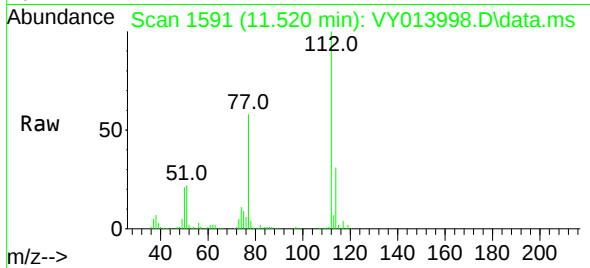




#65
Chlorobenzene
Concen: 52.038 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

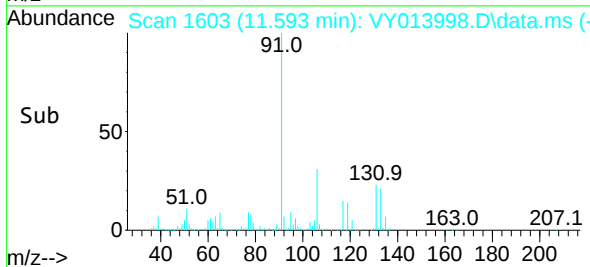
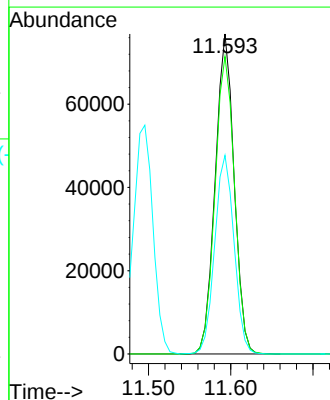
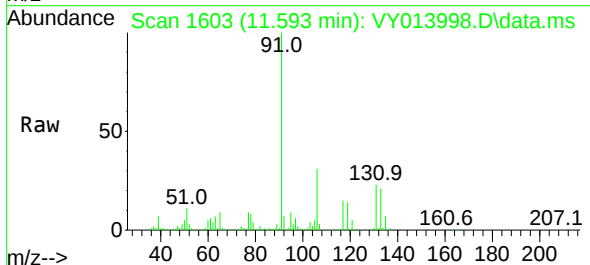
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

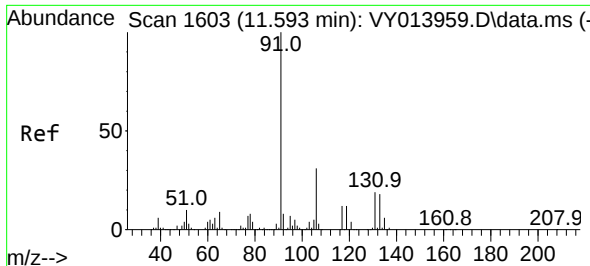
Tgt Ion:112 Resp: 303978
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.081 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion:131 Resp: 122983
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 63.4 31.6 94.7





#67

Ethyl Benzene

Concen: 52.896 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

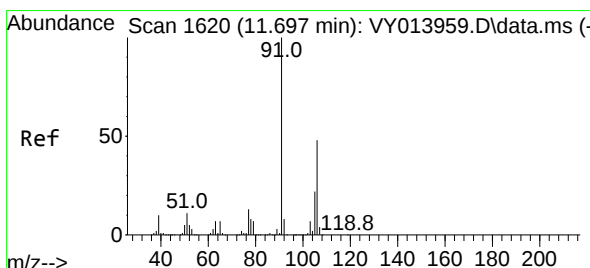
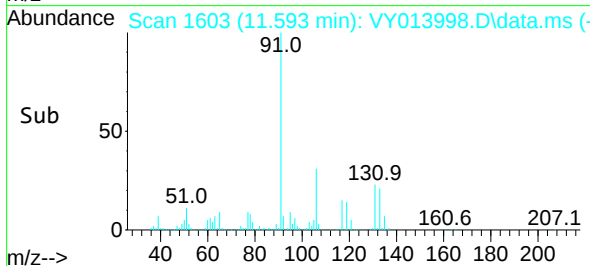
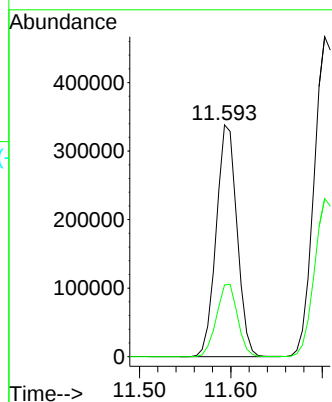
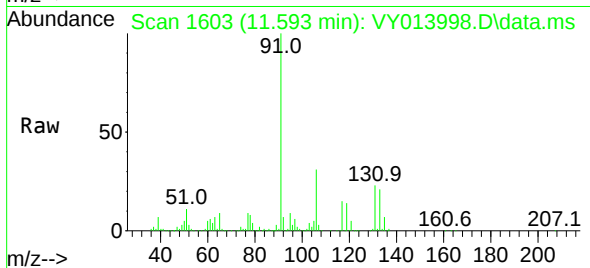
VSTDCCC050

Tgt Ion: 91 Resp: 534839

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 107.527 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY013998.D

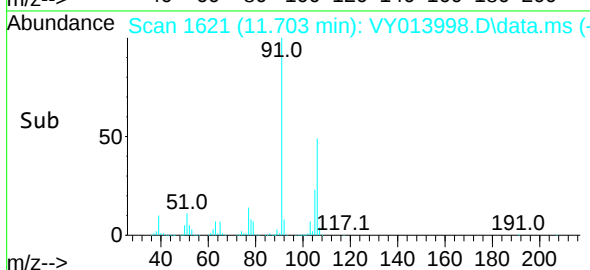
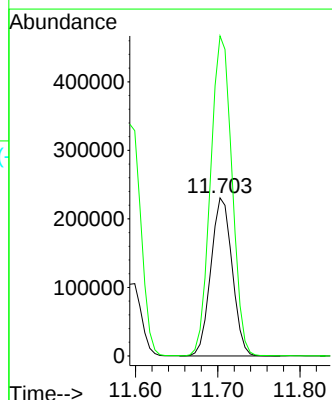
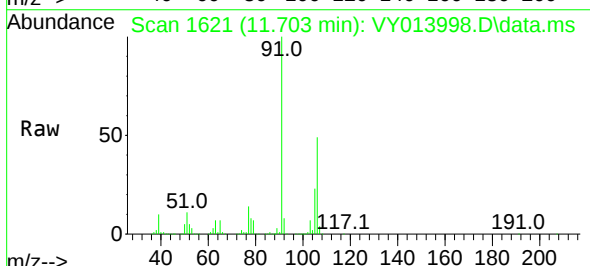
Acq: 05 Jun 2023 10:54

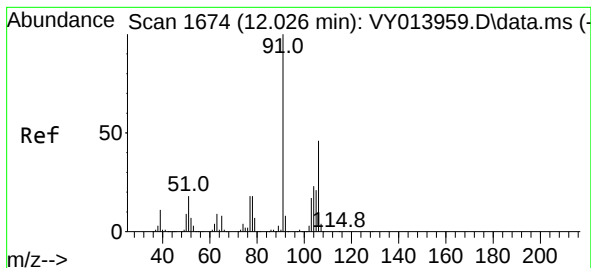
Tgt Ion:106 Resp: 415298

Ion Ratio Lower Upper

106 100

91 204.2 166.1 249.1





#69

o-Xylene

Concen: 53.345 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

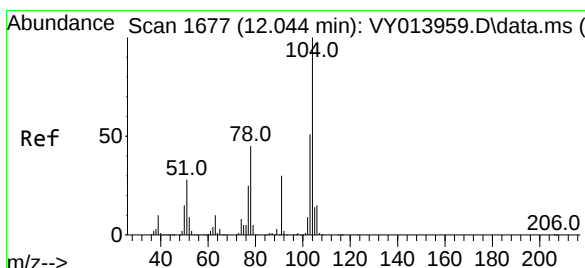
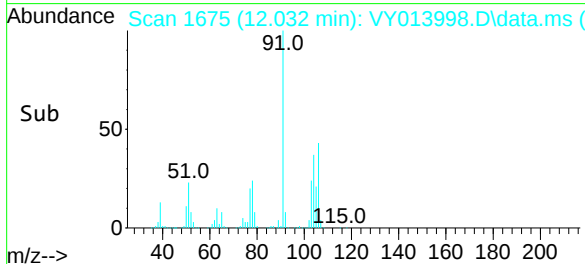
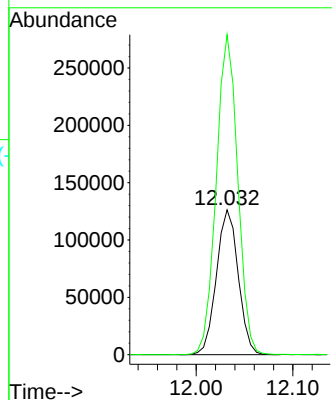
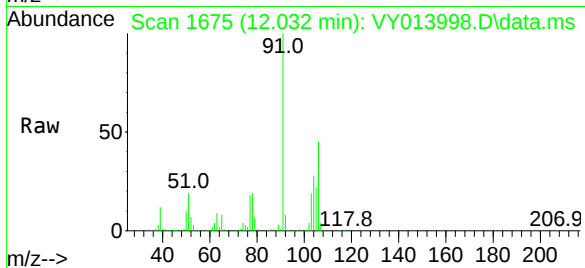
VSTDCCC050

Tgt Ion:106 Resp: 197424

Ion Ratio Lower Upper

106 100

91 217.7 108.1 324.3



#70

Styrene

Concen: 54.317 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

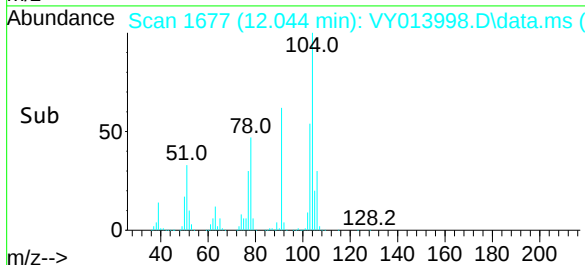
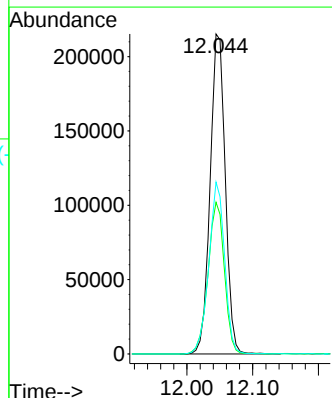
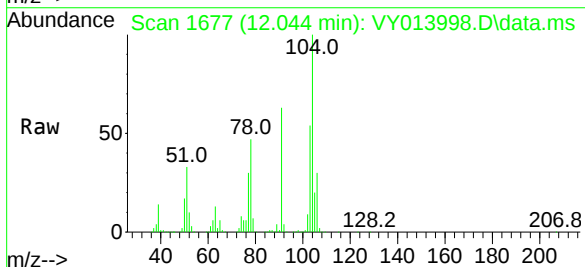
Tgt Ion:104 Resp: 345275

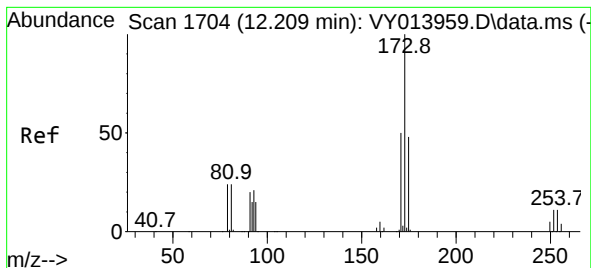
Ion Ratio Lower Upper

104 100

78 51.2 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 51.742 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

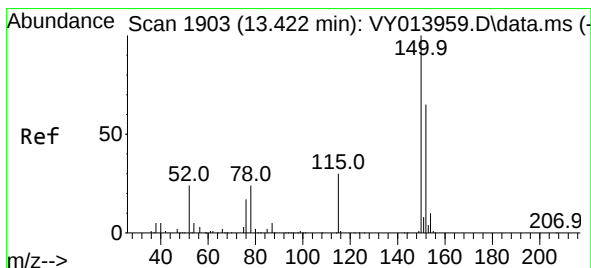
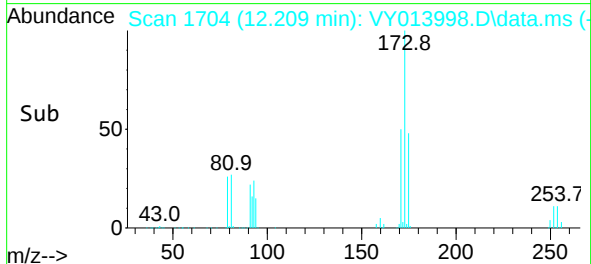
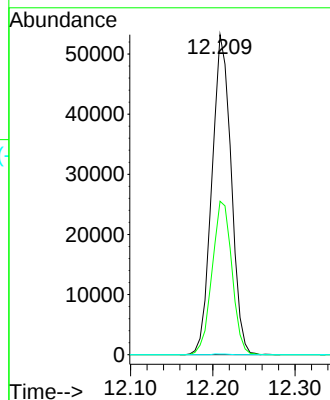
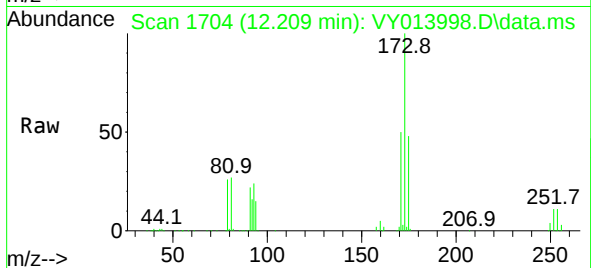
Tgt Ion:173 Resp: 86747

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.2 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: VY013998.D

Acq: 05 Jun 2023 10:54

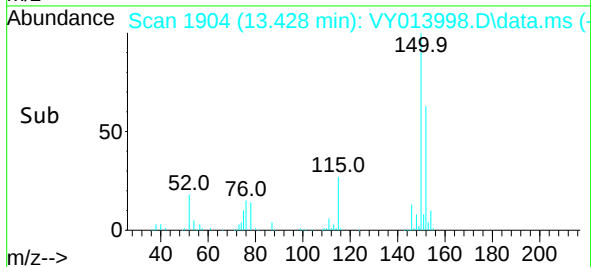
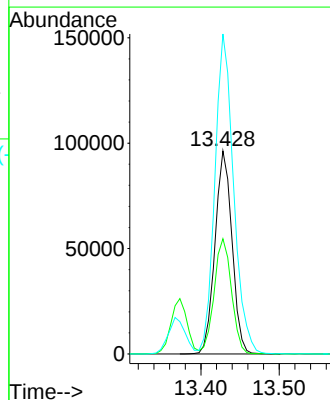
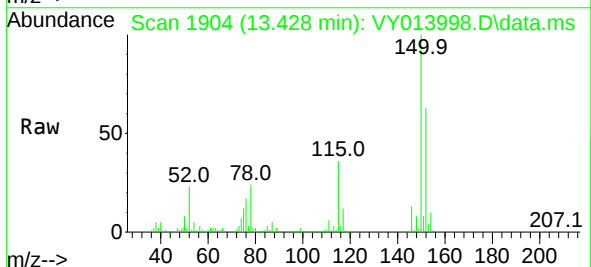
Tgt Ion:152 Resp: 145572

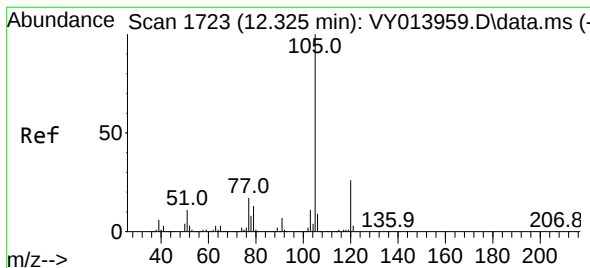
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 173.3 0.0 348.8





#73

Isopropylbenzene

Concen: 52.577 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

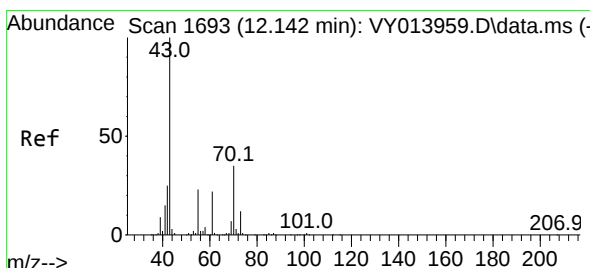
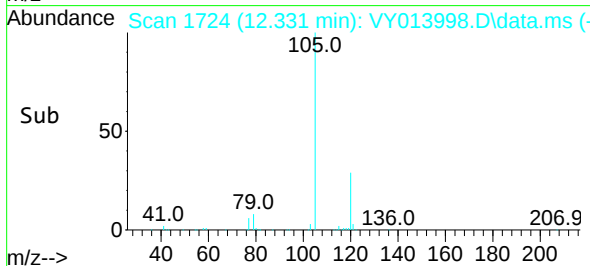
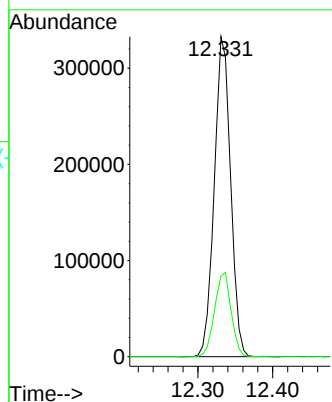
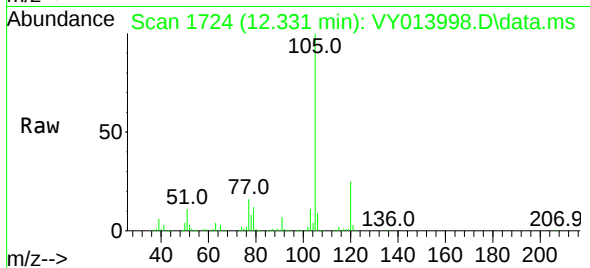
VSTDCCC050

Tgt Ion:105 Resp: 505168

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-amy1 acetate

Concen: 46.364 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Tgt Ion: 43 Resp: 170913

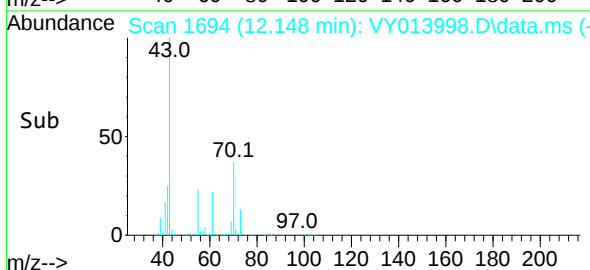
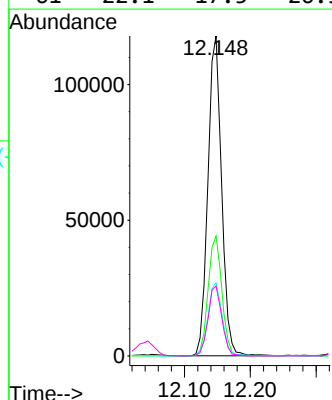
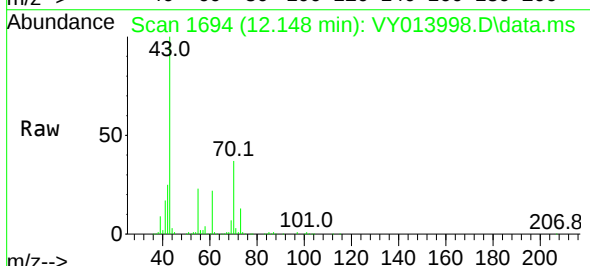
Ion Ratio Lower Upper

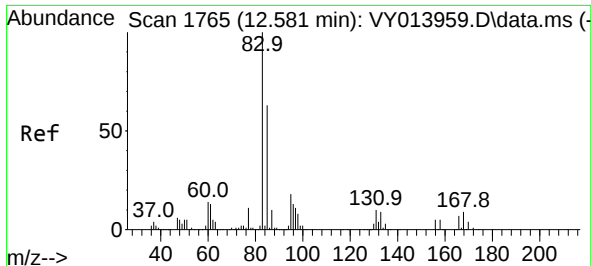
43 100

70 37.6 29.7 44.5

55 23.9 18.3 27.5

61 22.1 17.5 26.3

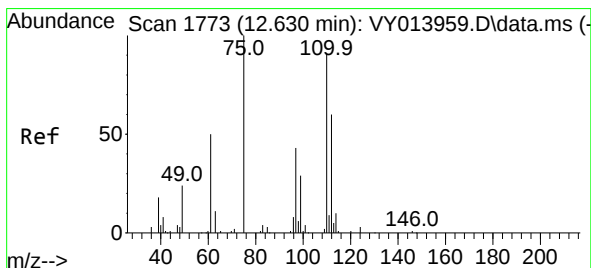
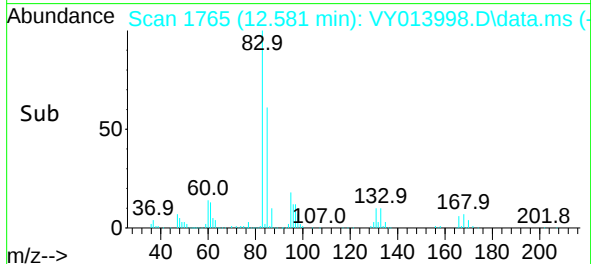
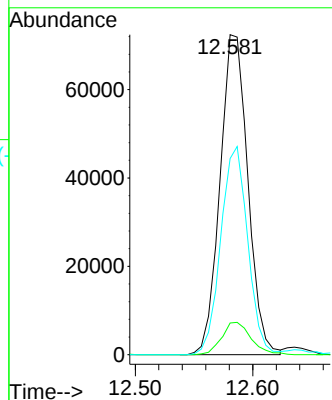
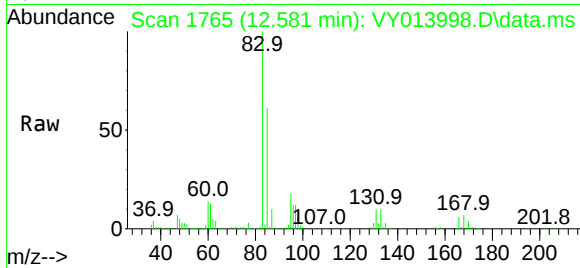




#75
1,1,2,2-Tetrachloroethane
Concen: 47.514 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

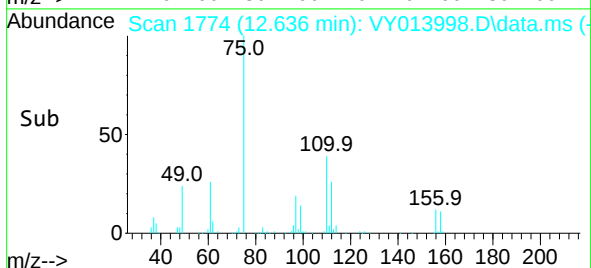
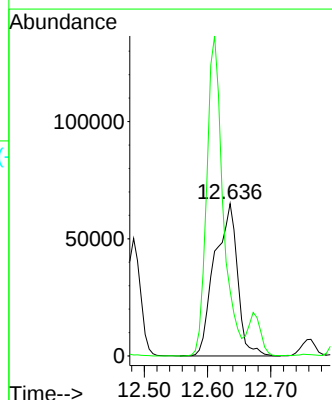
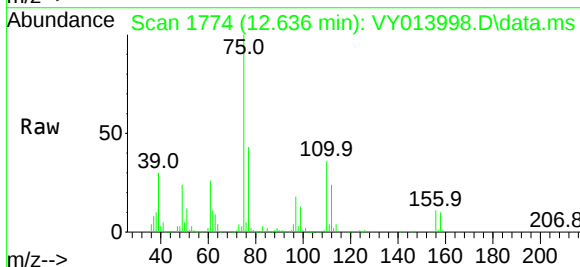
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

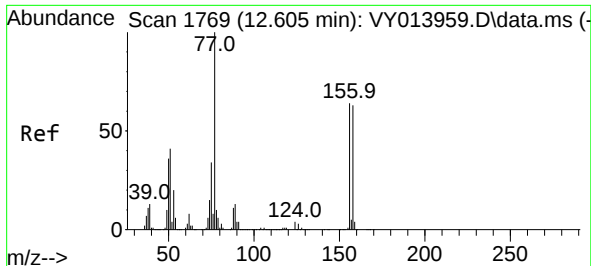
Tgt Ion: 83 Resp: 119317
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 63.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 83.408 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 75 Resp: 163392
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

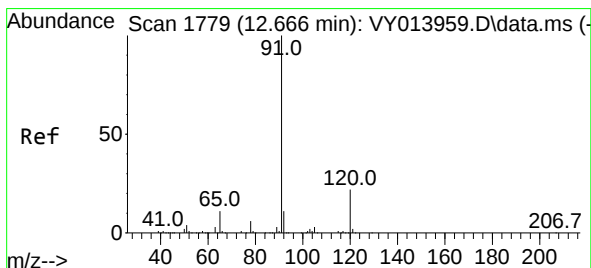
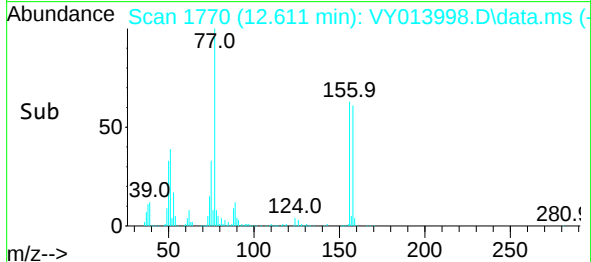
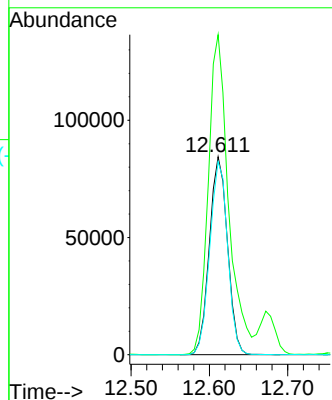
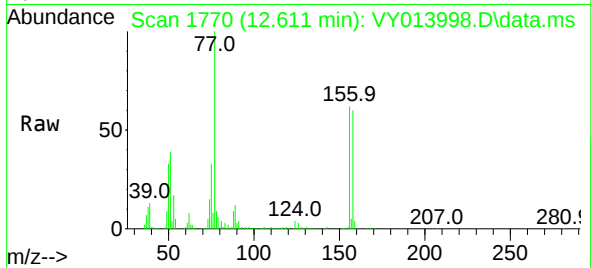




#77
Bromobenzene
Concen: 52.265 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

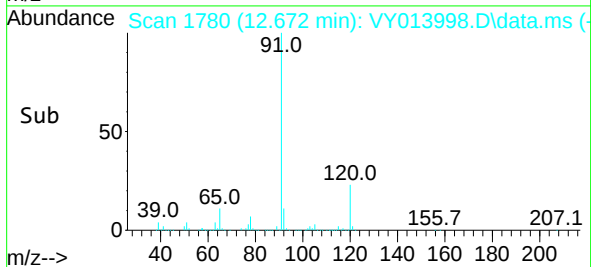
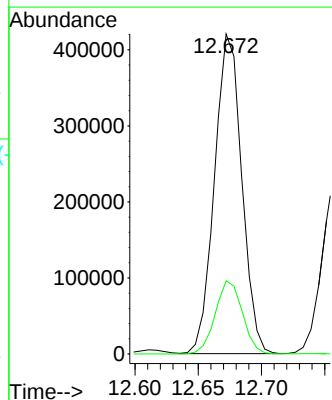
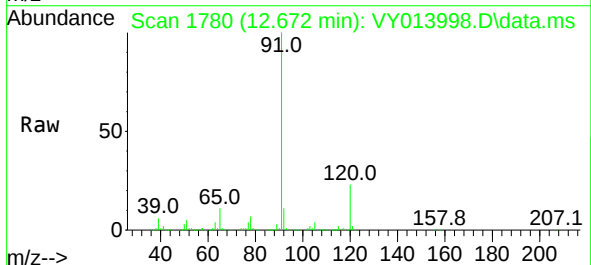
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

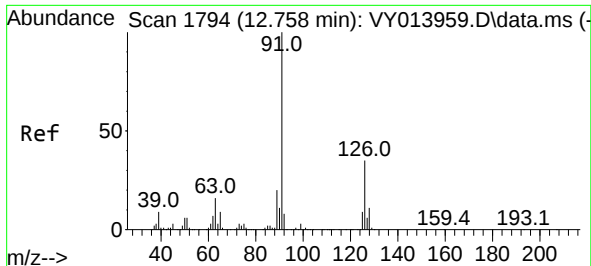
Tgt Ion:156 Resp: 135755
Ion Ratio Lower Upper
156 100
77 180.1 92.8 278.6
158 96.0 48.4 145.3



#78
n-propylbenzene
Concen: 53.435 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 91 Resp: 629240
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

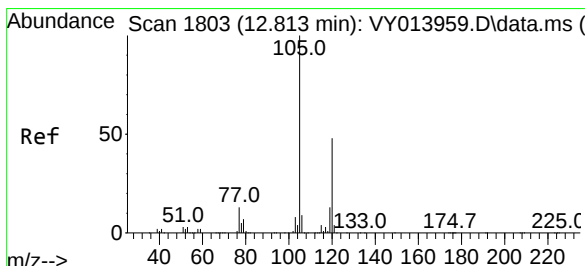
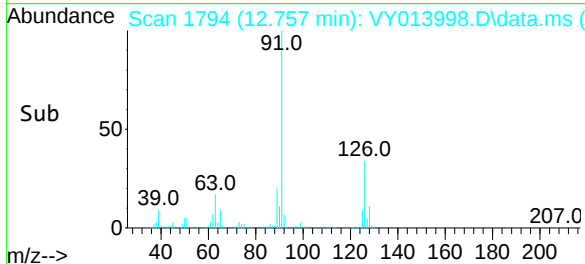
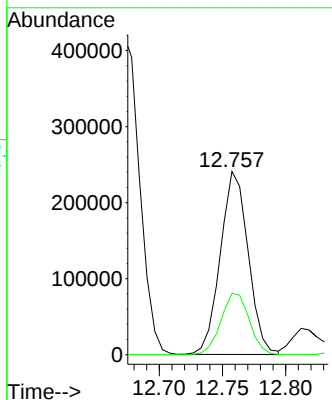
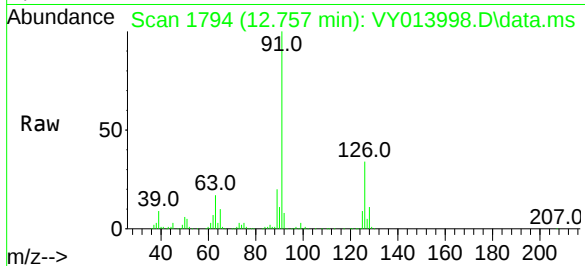




#79
2-Chlorotoluene
Concen: 52.979 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

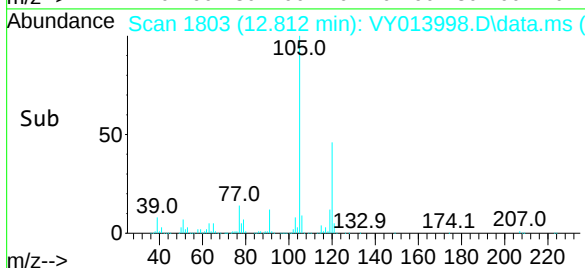
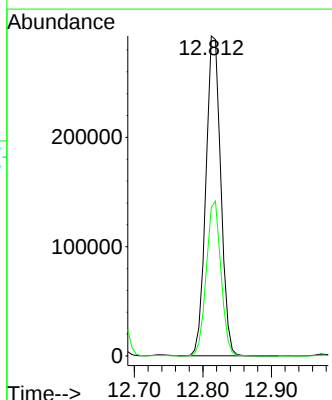
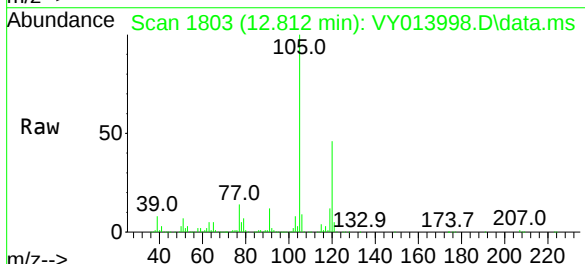
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

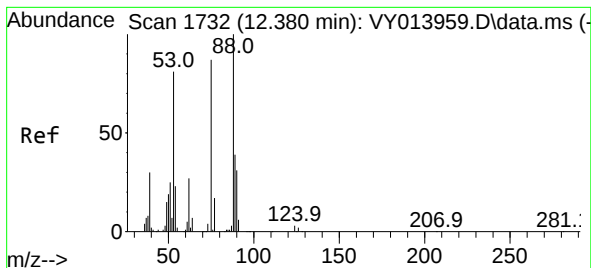
Tgt Ion: 91 Resp: 369338
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.743 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 105 Resp: 442573
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

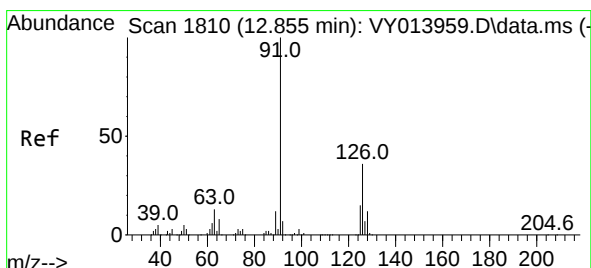
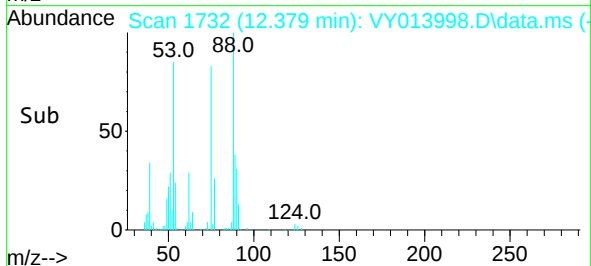
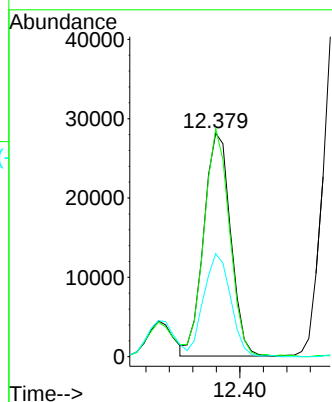
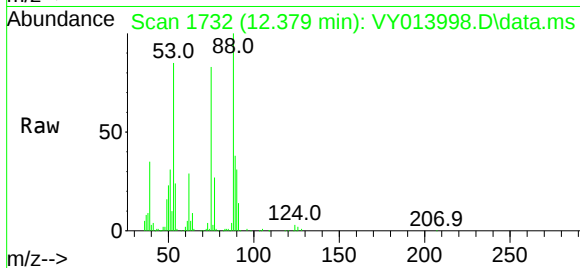




#81
trans-1,4-Dichloro-2-butene
Concen: 48.472 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

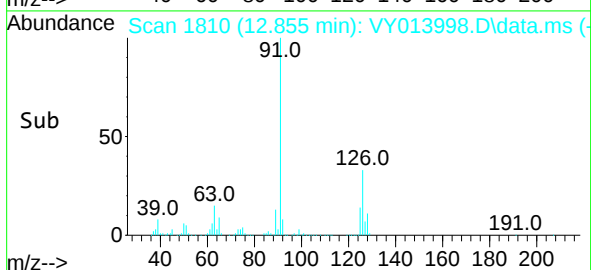
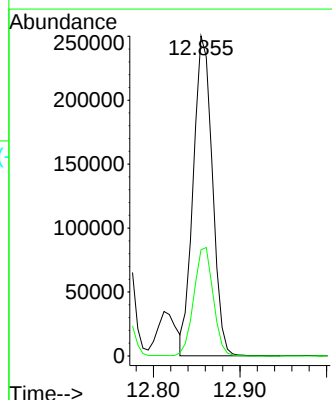
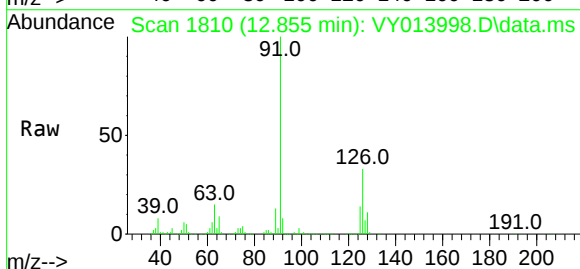
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

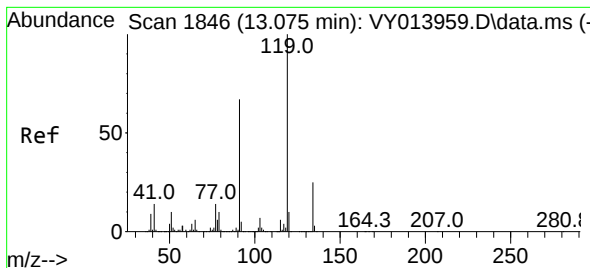
Tgt Ion: 75 Resp: 44758
Ion Ratio Lower Upper
75 100
53 98.0 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.108 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 91 Resp: 382042
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.910 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

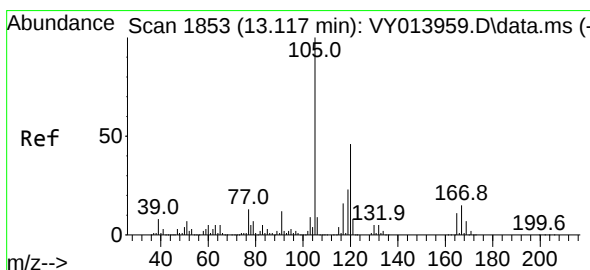
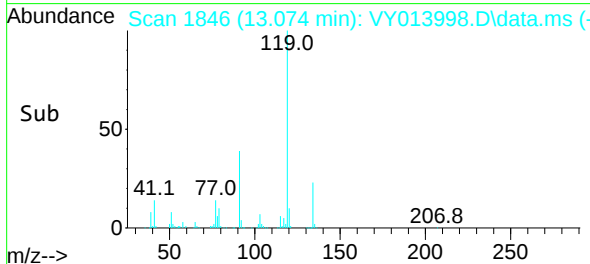
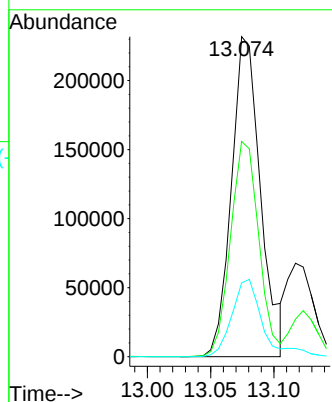
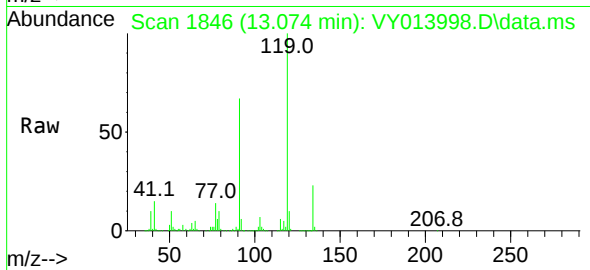
Tgt Ion:119 Resp: 371767

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.446 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013998.D

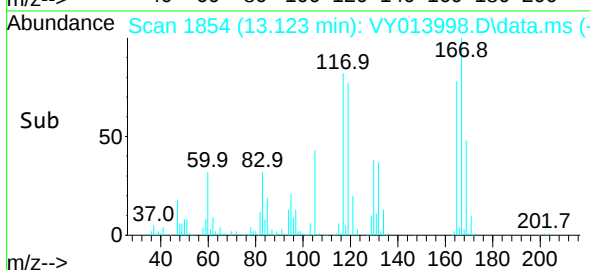
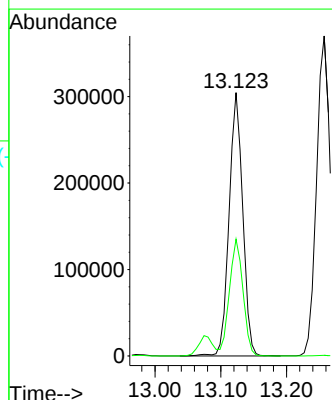
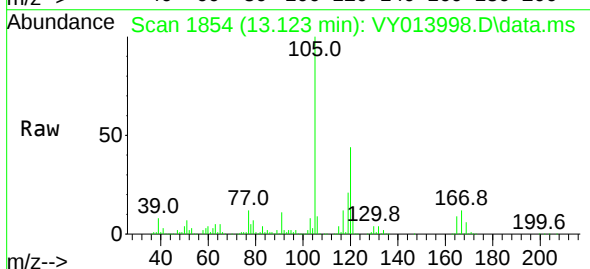
Acq: 05 Jun 2023 10:54

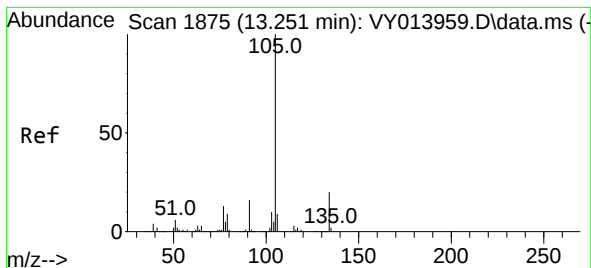
Tgt Ion:105 Resp: 439606

Ion Ratio Lower Upper

105 100

120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.765 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

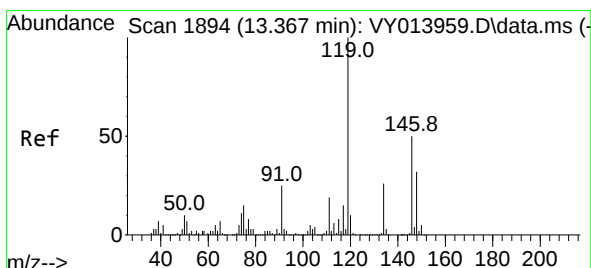
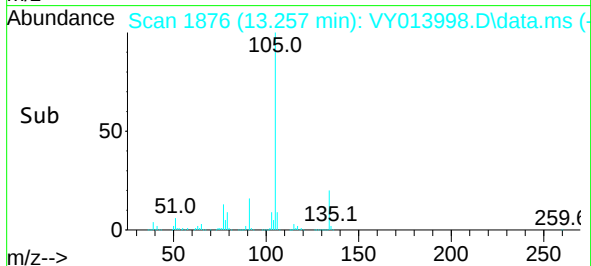
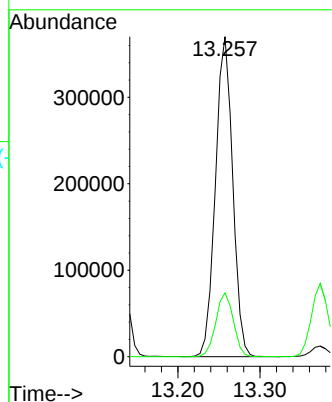
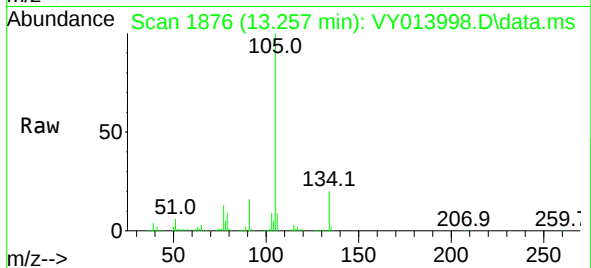
VSTDCCC050

Tgt Ion:105 Resp: 539150

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.834 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

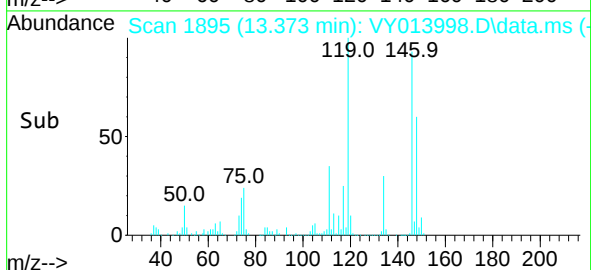
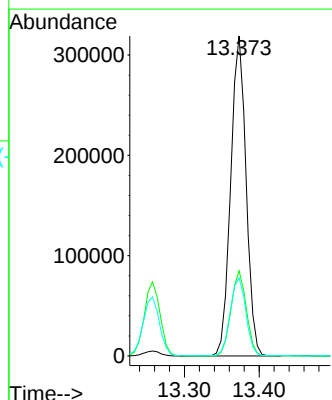
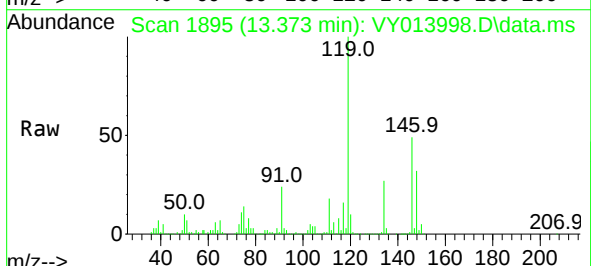
Tgt Ion:119 Resp: 455689

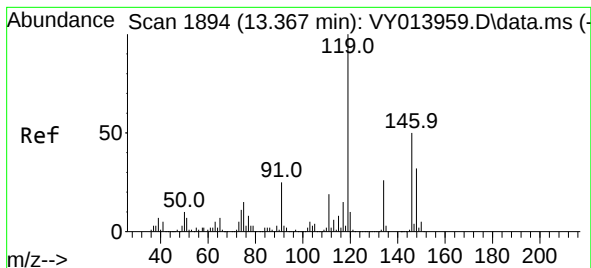
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.438 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

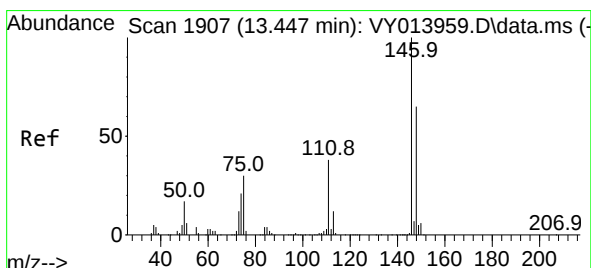
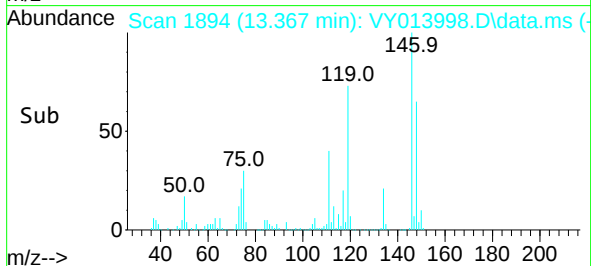
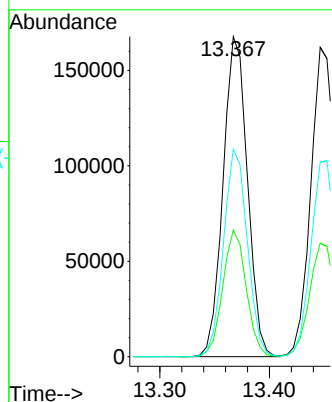
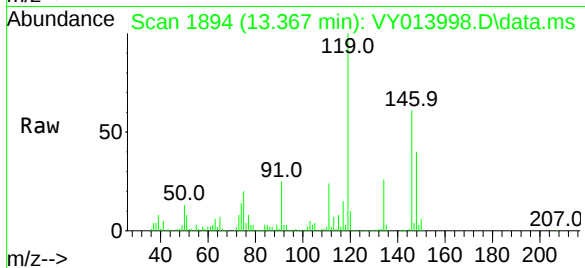
Tgt Ion:146 Resp: 258662

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.383 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

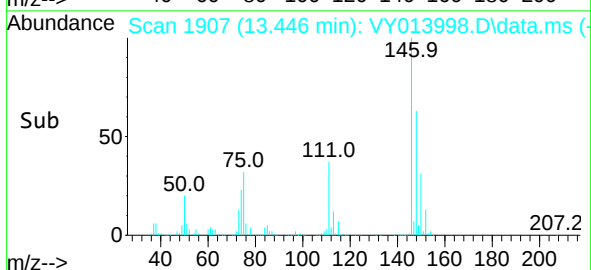
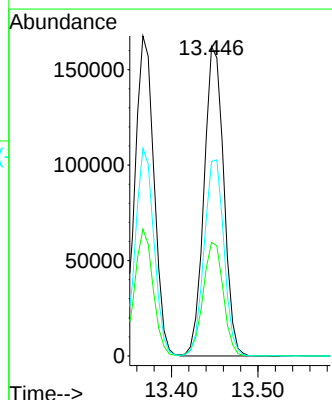
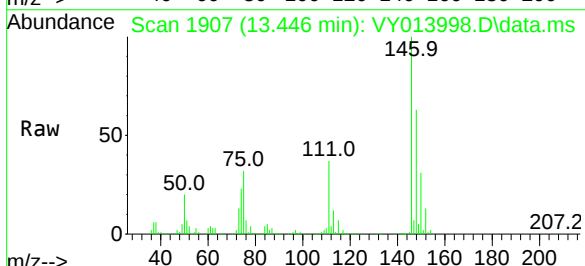
Tgt Ion:146 Resp: 256390

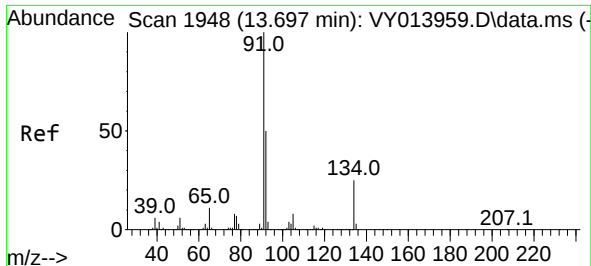
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 52.929 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY013998.D

Acq: 05 Jun 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

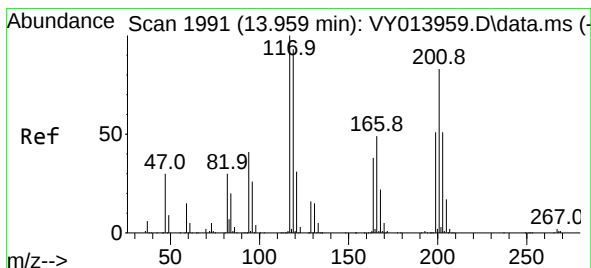
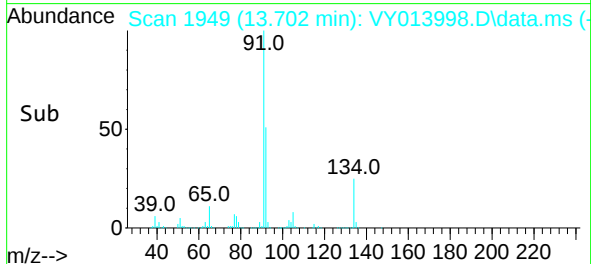
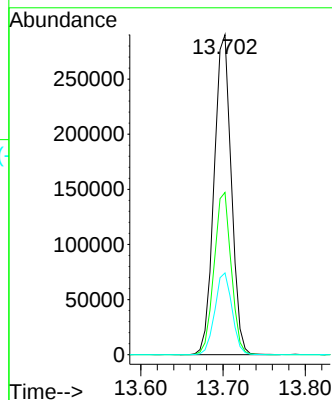
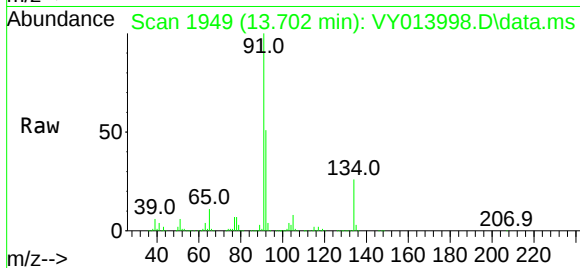
Tgt Ion: 91 Resp: 422739

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 25.6 12.6 37.6



#90

Hexachloroethane

Concen: 51.175 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013998.D

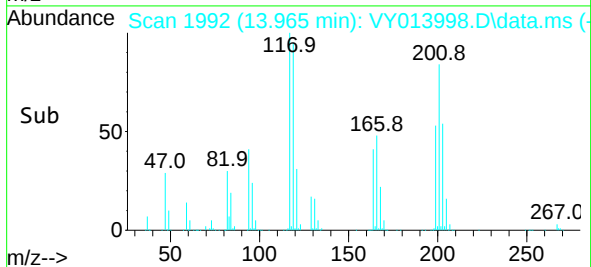
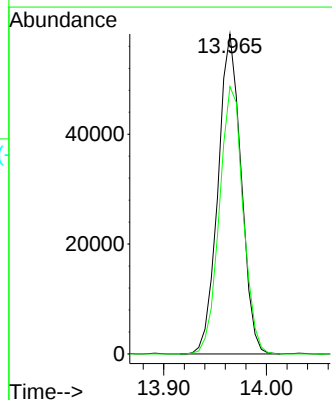
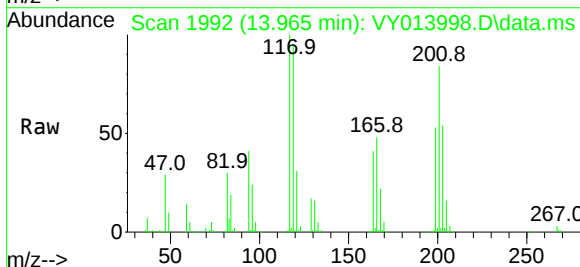
Acq: 05 Jun 2023 10:54

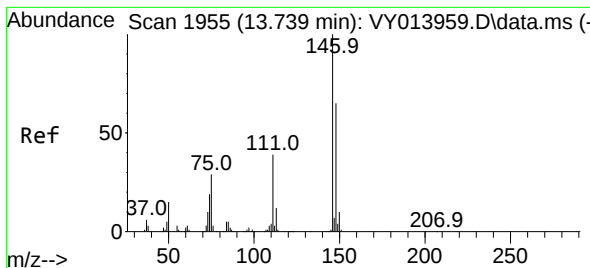
Tgt Ion: 117 Resp: 90914

Ion Ratio Lower Upper

117 100

201 85.7 41.6 124.8

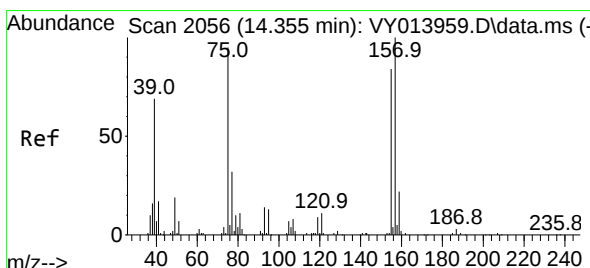
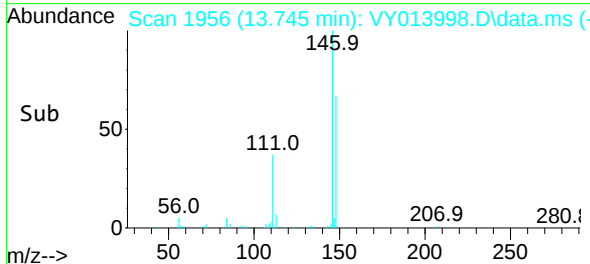
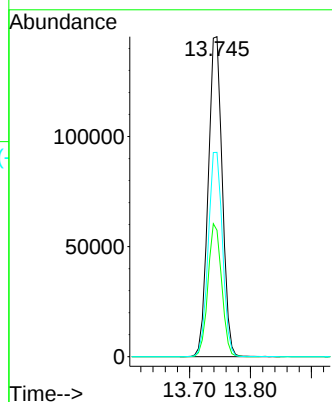
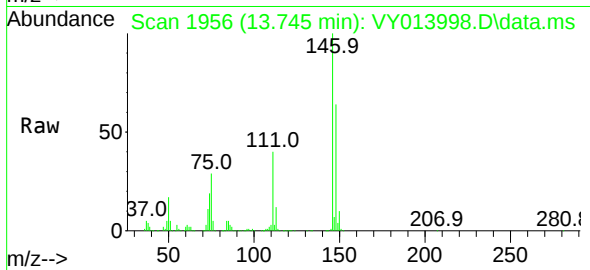




#91
1,2-Dichlorobenzene
Concen: 51.205 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

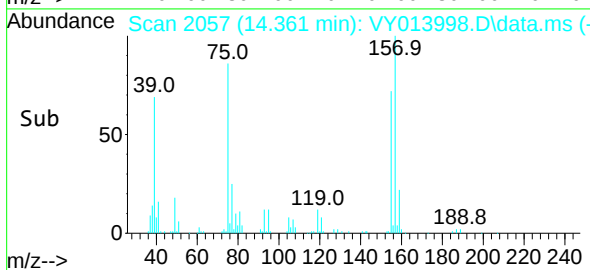
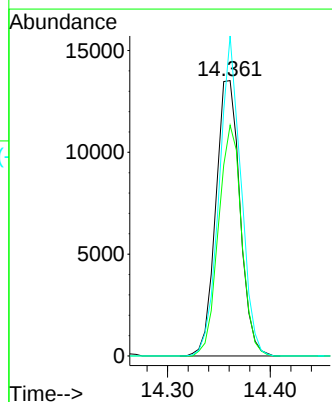
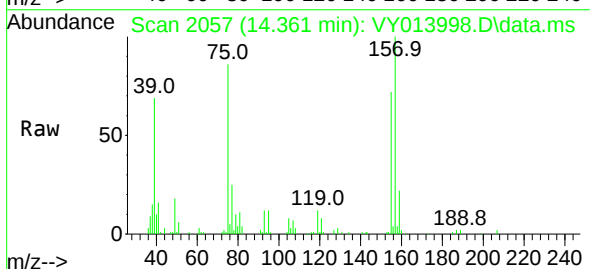
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

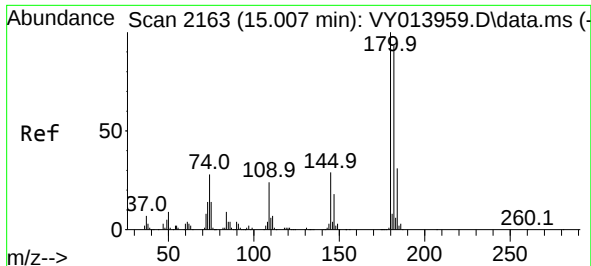
Tgt Ion:146 Resp: 232686
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 64.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.626 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion: 75 Resp: 22099
Ion Ratio Lower Upper
75 100
155 79.8 41.5 124.6
157 104.0 51.8 155.5

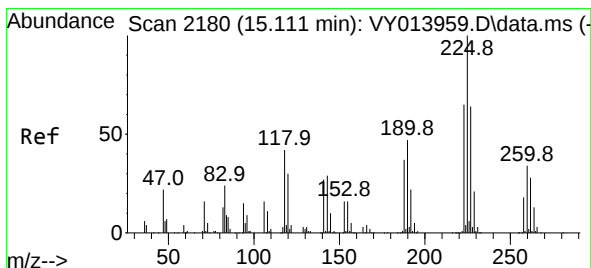
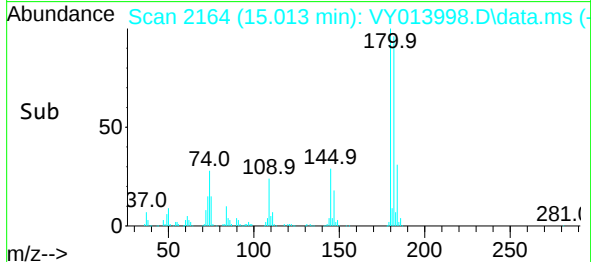
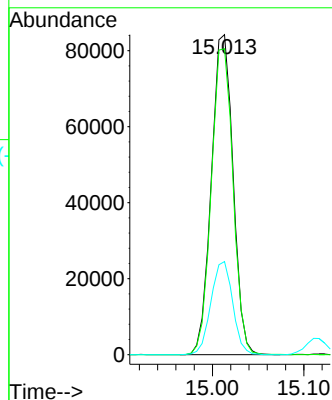
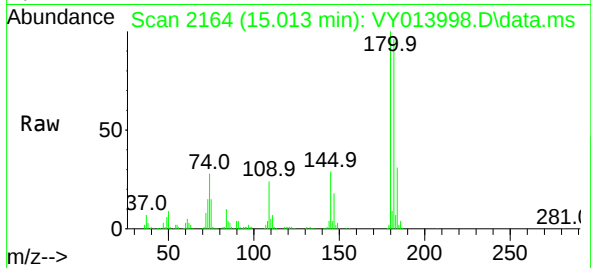




#93
1,2,4-Trichlorobenzene
Concen: 49.657 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

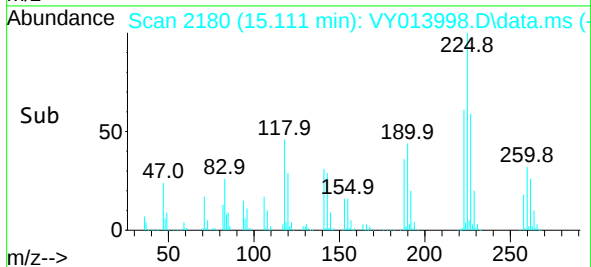
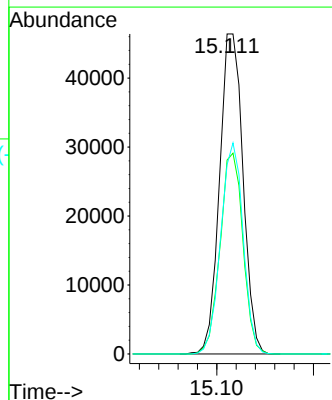
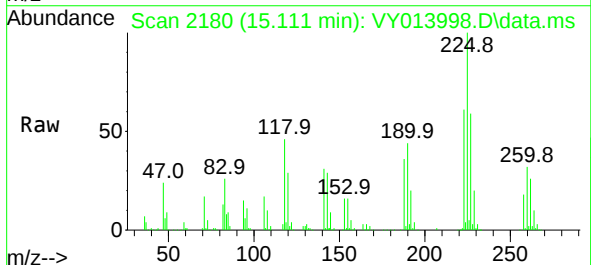
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

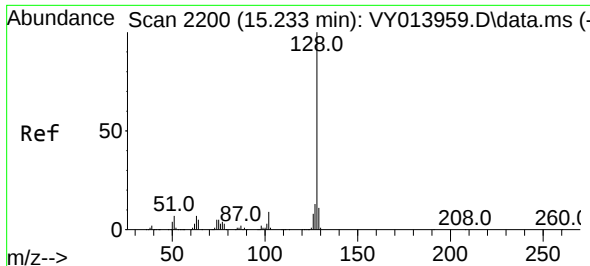
Tgt Ion:180 Resp: 138716
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.2
145 29.2 14.5 43.5



#94
Hexachlorobutadiene
Concen: 52.414 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion:225 Resp: 77989
Ion Ratio Lower Upper
225 100
223 61.3 31.9 95.9
227 63.1 33.0 98.9

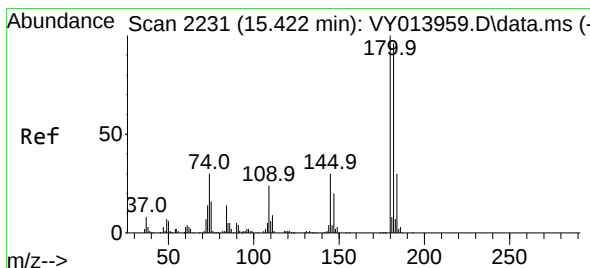
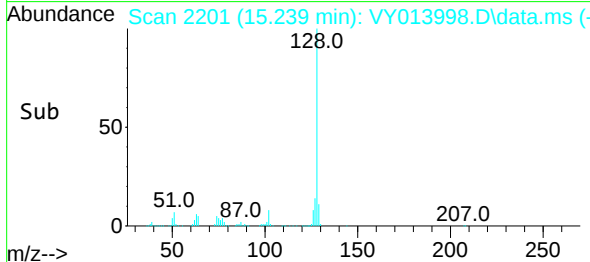
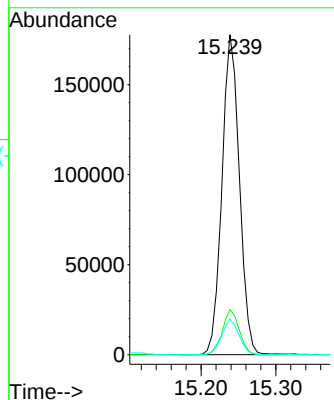
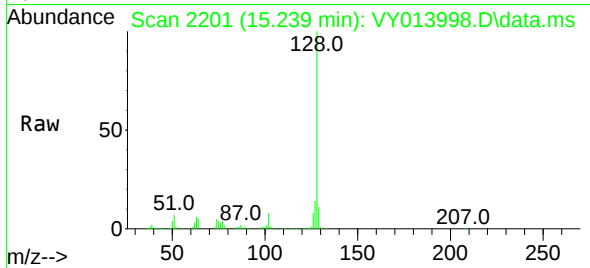




#95
Naphthalene
Concen: 43.052 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	288568
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.8	16.2
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.501 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013998.D
Acq: 05 Jun 2023 10:54

Tgt Ion:	180	Resp:	123402
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	141.8
145	31.1	15.4	46.2

