

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013361.D
 Acq On : 20 Apr 2023 10:46
 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: Apr 21 02:13:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139946	46.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.716	113	132711	55.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.780%
50) Toluene-d8	10.179	98	448319	50.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.483	95	148593	51.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	113158	49.719	ug/l	100
3) Chloromethane	2.113	50	128047	44.907	ug/l	100
4) Vinyl Chloride	2.253	62	129302	47.829	ug/l	98
5) Bromomethane	2.656	94	86321	41.639	ug/l	91
6) Chloroethane	2.796	64	80752	44.292	ug/l	95
7) Trichlorofluoromethane	3.131	101	225719	53.645	ug/l	99
8) Diethyl Ether	3.527	74	76187	49.837	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	124496	50.350	ug/l	97
10) Methyl Iodide	4.094	142	163575	53.933	ug/l	99
11) Tert butyl alcohol	4.984	59	61783	151.772	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	117492	49.375	ug/l	98
13) Acrolein	3.735	56	73912	197.980	ug/l	98
14) Allyl chloride	4.478	41	203439	44.755	ug/l	96
15) Acrylonitrile	5.167	53	199863	227.515	ug/l	99
16) Acetone	3.948	43	247480	236.842	ug/l	99
17) Carbon Disulfide	4.198	76	358702	45.787	ug/l	99
18) Methyl Acetate	4.478	43	149504	44.239	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	361920	50.773	ug/l	96
20) Methylene Chloride	4.716	84	157238	57.624	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	136873	50.388	ug/l	97
22) Diisopropyl ether	6.118	45	403431	45.034	ug/l	91
23) Vinyl Acetate	6.064	43	1258953	222.305	ug/l	98
24) 1,1-Dichloroethane	6.021	63	239307	47.822	ug/l	98
25) 2-Butanone	6.990	43	287531	214.911	ug/l	97
26) 2,2-Dichloropropane	6.984	77	210096	46.797	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	153481	51.962	ug/l	96
28) Bromochloromethane	7.338	49	85484	42.863	ug/l	84
29) Tetrahydrofuran	7.350	42	167289	205.872	ug/l	93
30) Chloroform	7.508	83	255152	50.385	ug/l	95
31) Cyclohexane	7.789	56	180945	39.377	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	225613	49.248	ug/l	99
36) 1,1-Dichloropropene	7.917	75	176102	48.520	ug/l	98
37) Ethyl Acetate	7.076	43	122398	41.836	ug/l	99
38) Carbon Tetrachloride	7.905	117	204821	51.036	ug/l	99
39) Methylcyclohexane	9.185	83	205897	48.799	ug/l	98
40) Benzene	8.161	78	522385	49.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	54310	44.745	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	178020	49.984	ug/l	98
43) Isopropyl Acetate	8.270	43	207018	42.601	ug/l	96
44) Trichloroethene	8.941	130	144331	53.337	ug/l	99
45) 1,2-Dichloropropane	9.215	63	131171	48.110	ug/l	96
46) Dibromomethane	9.307	93	83057	50.616	ug/l	92
47) Bromodichloromethane	9.496	83	196329	52.337	ug/l	98
48) Methyl methacrylate	9.295	41	97760	43.797	ug/l	90
49) 1,4-Dioxane	9.313	88	23129	1040.324	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	558159	211.053	ug/l	98
52) Toluene	10.246	92	319391	50.353	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	199012	50.658	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	224294	52.069	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	113108	52.277	ug/l	95
56) Ethyl methacrylate	10.508	69	151312	51.076	ug/l	96
57) 1,3-Dichloropropane	10.788	76	182746	49.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	275289	222.551	ug/l	97
59) 2-Hexanone	10.831	43	420491	218.668	ug/l	99
60) Dibromochloromethane	10.983	129	147696	54.442	ug/l	99
61) 1,2-Dibromoethane	11.087	107	110052	52.235	ug/l	100
64) Tetrachloroethene	10.721	164	124090	54.209	ug/l	96
65) Chlorobenzene	11.520	112	348921	51.406	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	139649	54.825	ug/l	99
67) Ethyl Benzene	11.593	91	598929	50.664	ug/l	98
68) m/p-Xylenes	11.703	106	475293	105.081	ug/l	99
69) o-Xylene	12.032	106	224509	53.594	ug/l	98
70) Styrene	12.044	104	381222	53.881	ug/l	98
71) Bromoform	12.209	173	99027	56.118	ug/l #	97
73) Isopropylbenzene	12.331	105	574596	52.747	ug/l	99
74) N-amyl acetate	12.142	43	165592	42.608	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	128021	47.573	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	166240	84.006	ug/l #	100
77) Bromobenzene	12.611	156	151790	55.721	ug/l	90
78) n-propylbenzene	12.672	91	681089	50.625	ug/l	98
79) 2-Chlorotoluene	12.757	91	391325	51.674	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	480789	52.692	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	45714	47.945	ug/l	97
82) 4-Chlorotoluene	12.855	91	406944	50.971	ug/l	99
83) tert-Butylbenzene	13.074	119	423589	54.102	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	487189	54.862	ug/l	99
85) sec-Butylbenzene	13.257	105	607142	51.855	ug/l	99
86) p-Isopropyltoluene	13.373	119	513129	53.408	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	282758	53.847	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	281143	52.981	ug/l	99
89) n-Butylbenzene	13.696	91	462051	50.282	ug/l	97
90) Hexachloroethane	13.965	117	102470	51.151	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	255417	53.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22983	47.030	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	155150	54.631	ug/l	98
94) Hexachlorobutadiene	15.111	225	94659	56.288	ug/l	98
95) Naphthalene	15.239	128	324867	46.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	139567	53.942	ug/l	100

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QLast Update : Thu Apr 13 05:55:16 2023
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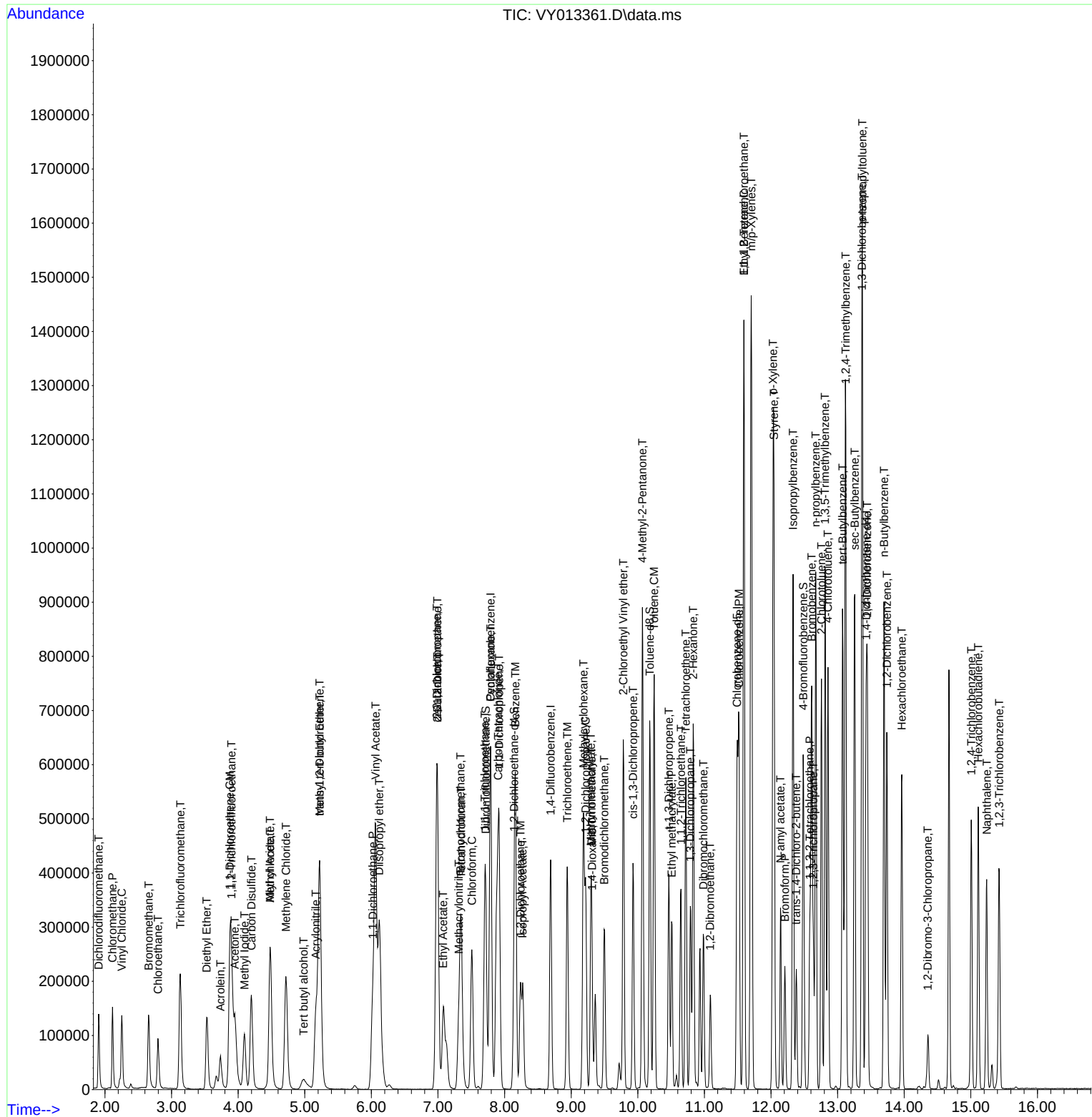
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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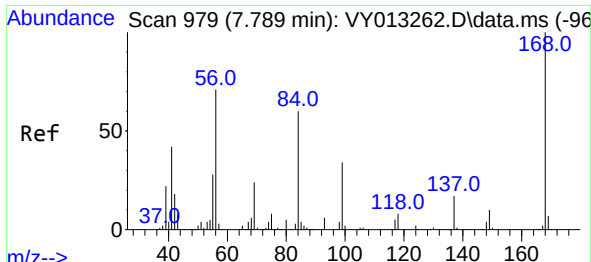
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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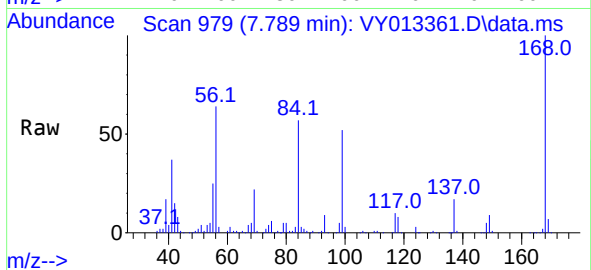
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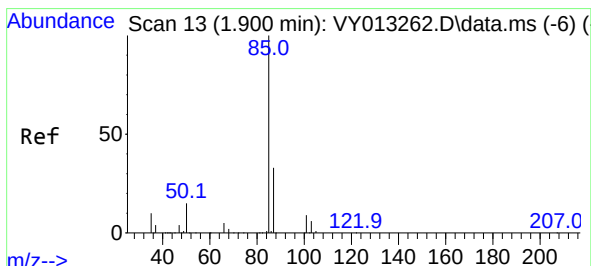
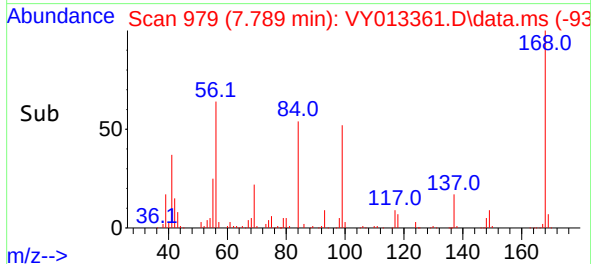
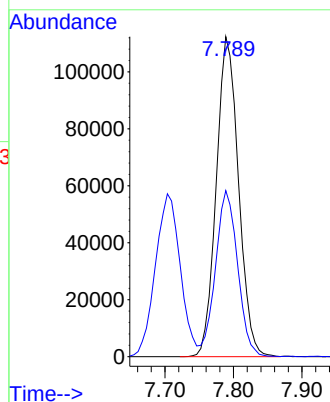


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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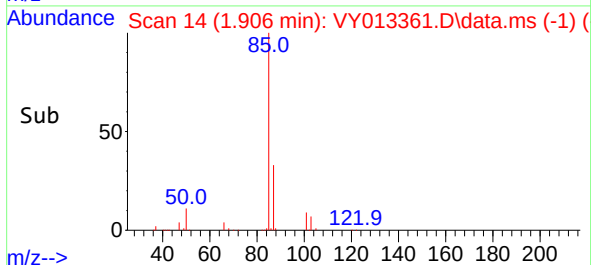
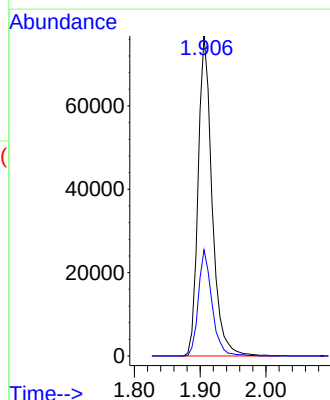
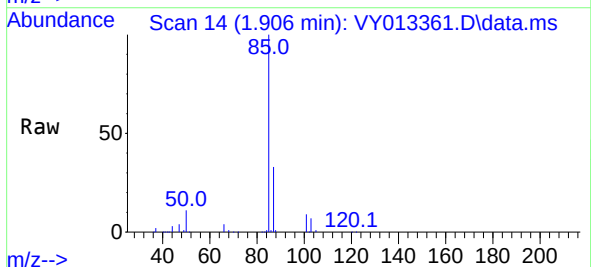


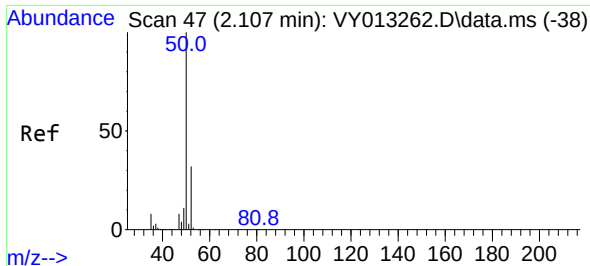
Tgt Ion:168 Resp: 252882
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 49.719 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 85 Resp: 113158
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0

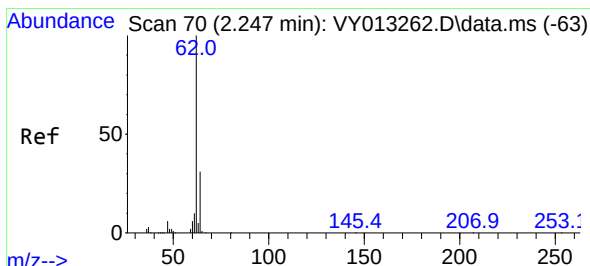
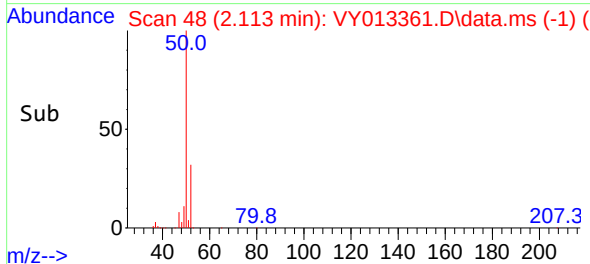
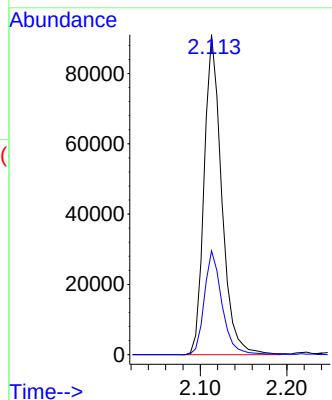
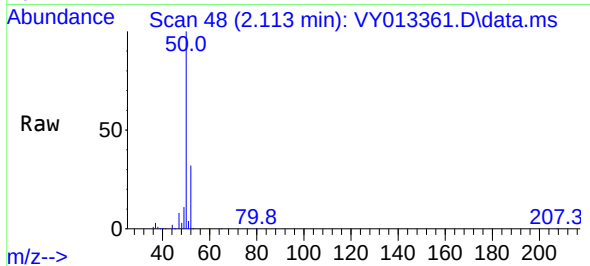




#3
Chloromethane
Concen: 44.907 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

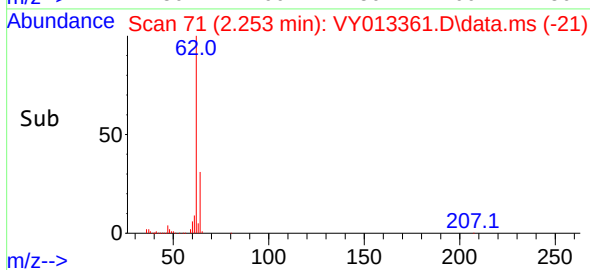
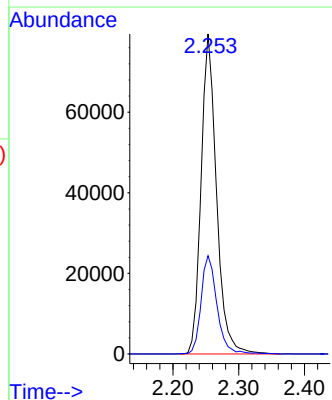
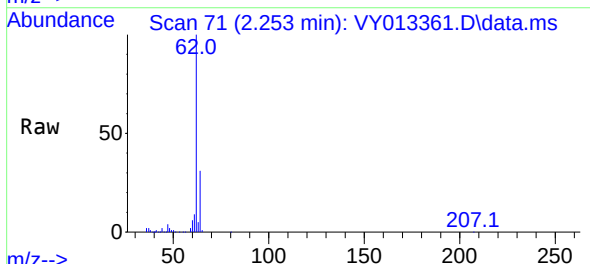
Instrument :
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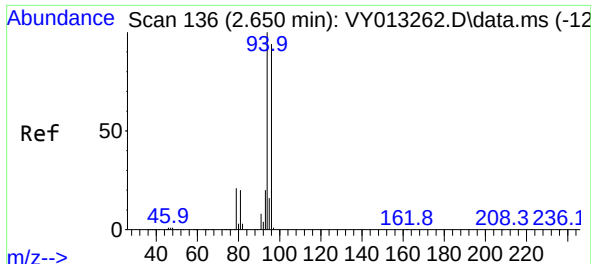
Tgt Ion: 50 Resp: 128047
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 47.829 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 62 Resp: 129302
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

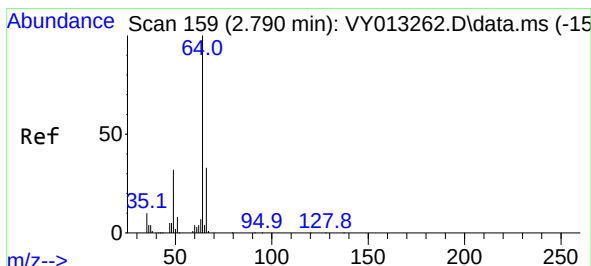
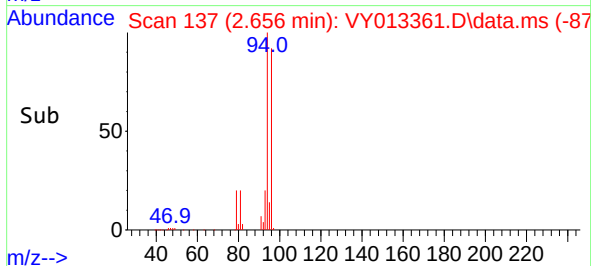
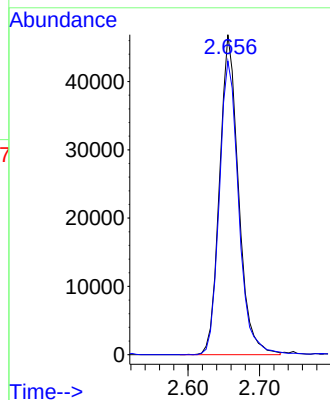
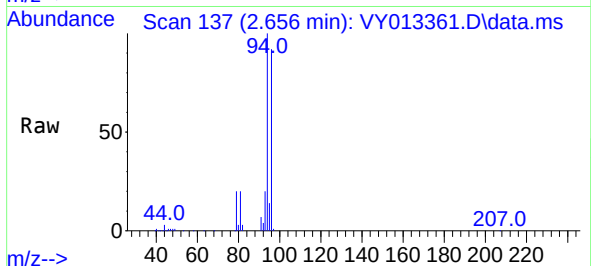




#5
Bromomethane
Concen: 41.639 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013361.D
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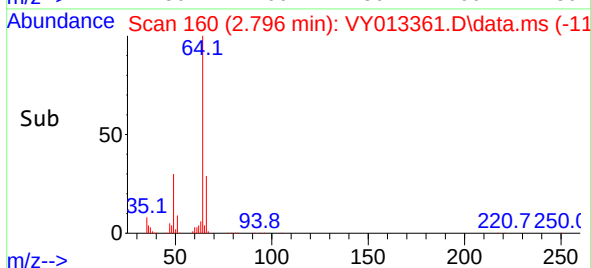
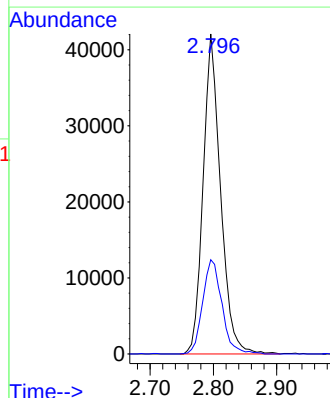
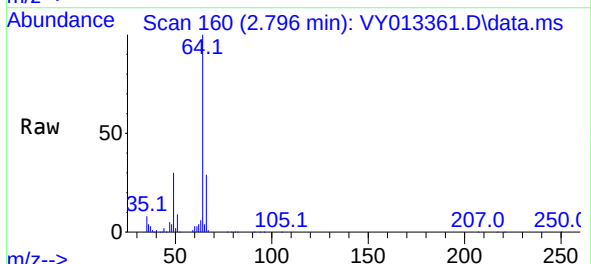
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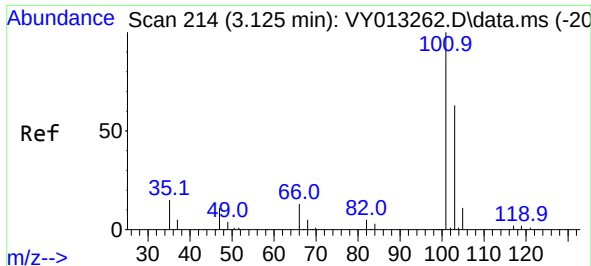
Tgt Ion: 94 Resp: 86321
Ion Ratio Lower Upper
94 100
96 91.8 80.3 120.5



#6
Chloroethane
Concen: 44.292 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 64 Resp: 80752
Ion Ratio Lower Upper
64 100
66 29.4 25.7 38.5

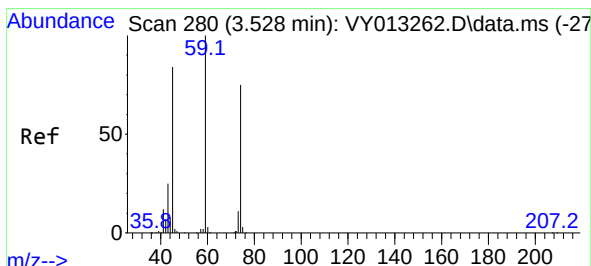
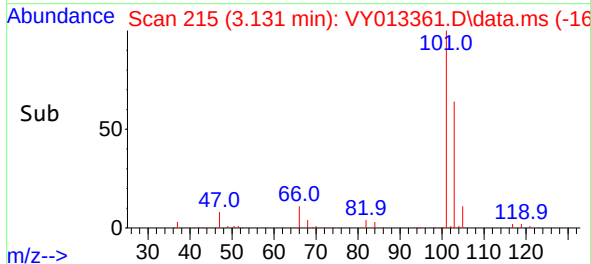
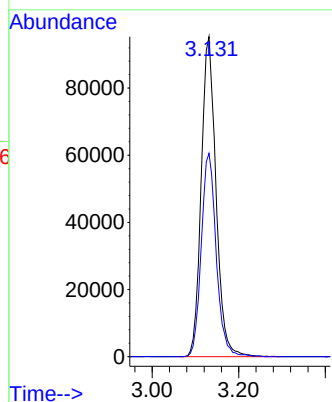
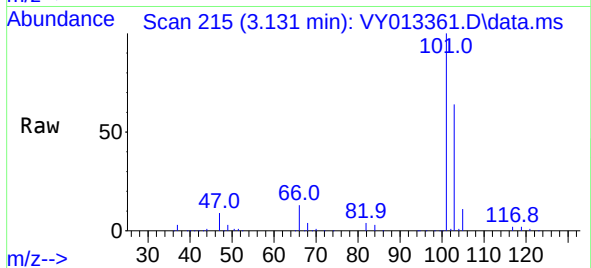




#7
 Trichlorofluoromethane
 Concen: 53.645 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013361.D
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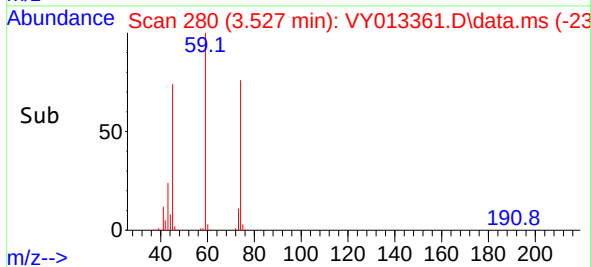
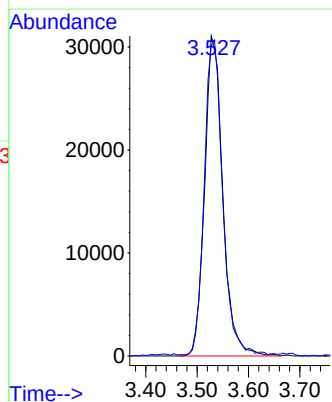
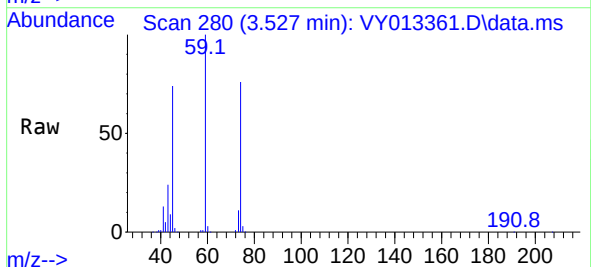
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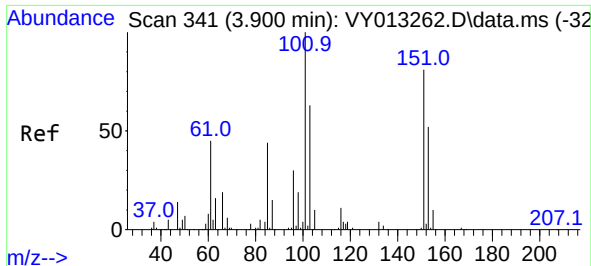
Tgt Ion:101 Resp: 225719
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.837 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 76187
 Ion Ratio Lower Upper
 74 100
 45 99.2 52.1 156.4

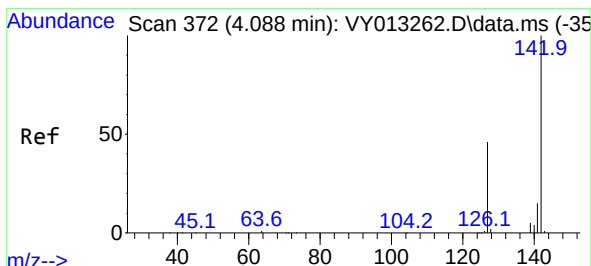
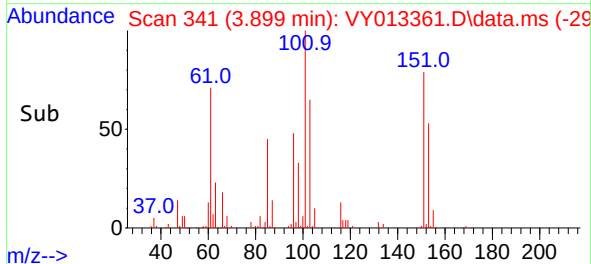
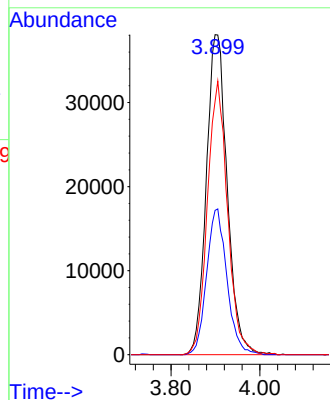
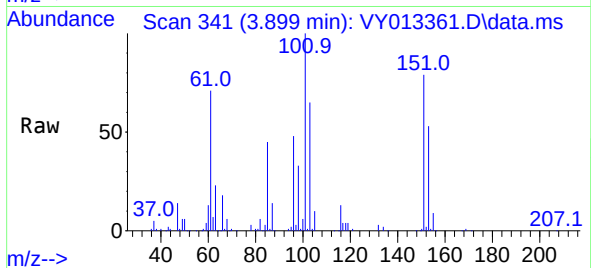




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.350 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

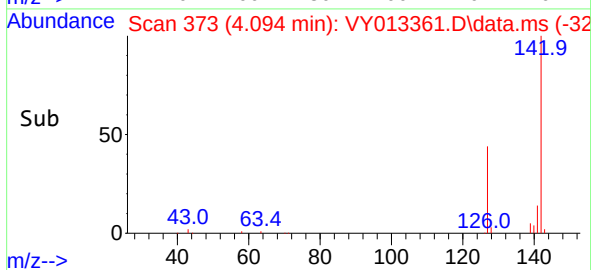
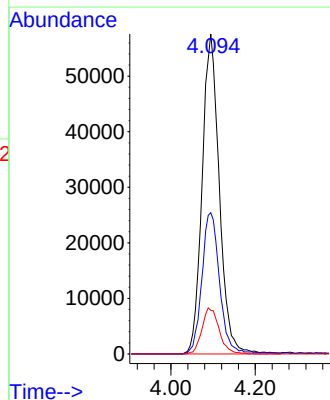
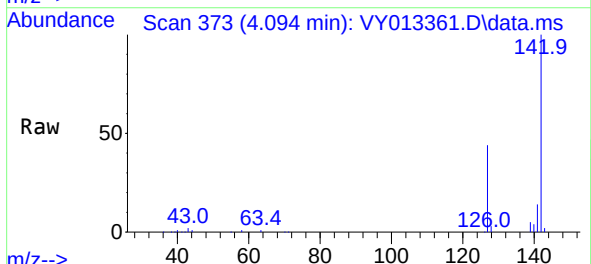
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

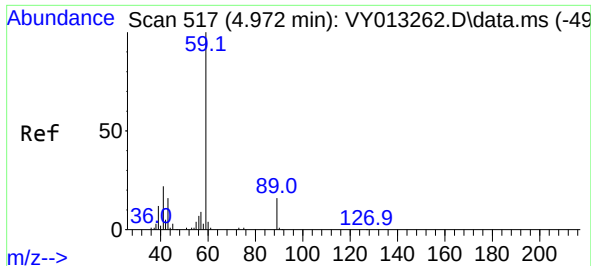
Tgt Ion:101 Resp: 124496
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 82.5 63.1 94.7



#10
Methyl Iodide
Concen: 53.933 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:142 Resp: 163575
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.2
141 14.4 11.3 16.9

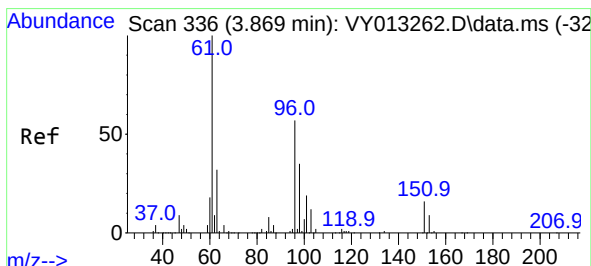
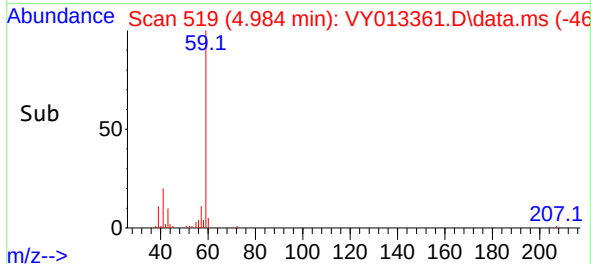
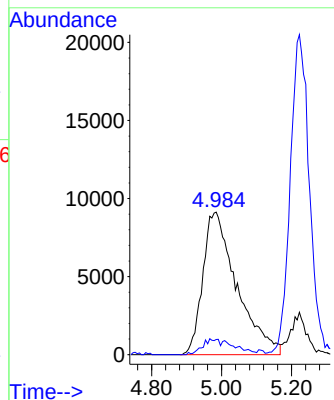
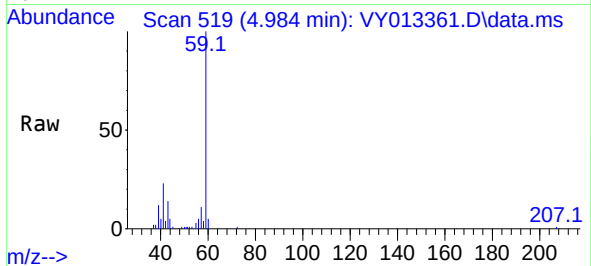




#11
Tert butyl alcohol
Concen: 151.772 ug/l
RT: 4.984 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

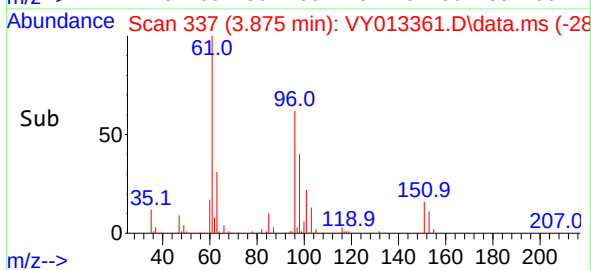
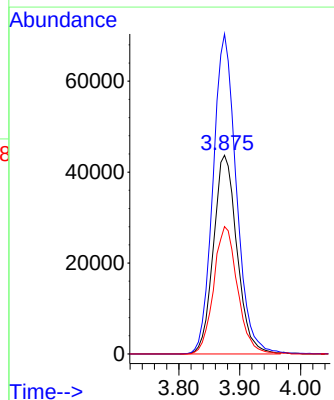
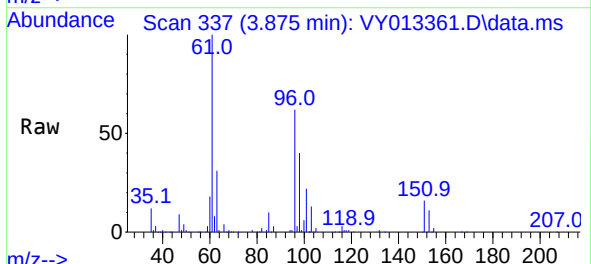
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

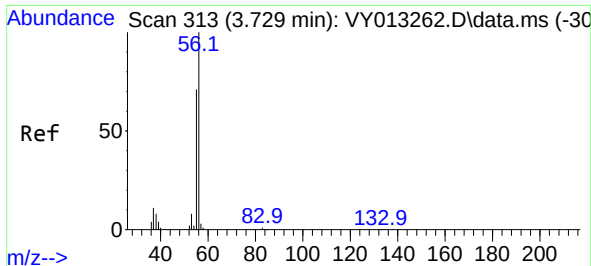
Tgt Ion: 59 Resp: 61783
Ion Ratio Lower Upper
59 100
57 5.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 49.375 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 96 Resp: 117492
Ion Ratio Lower Upper
96 100
61 161.1 131.7 197.5
98 64.1 52.0 78.0

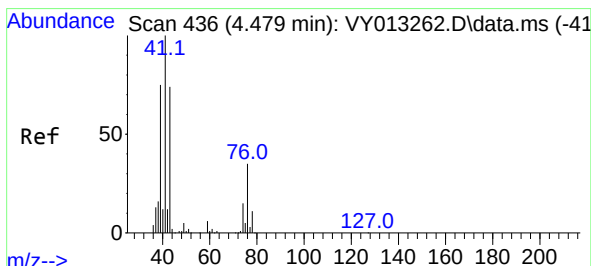
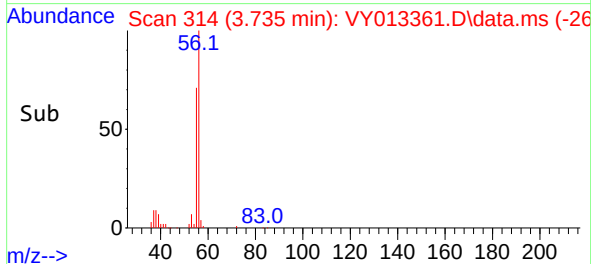
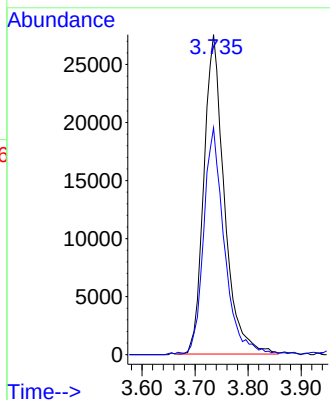
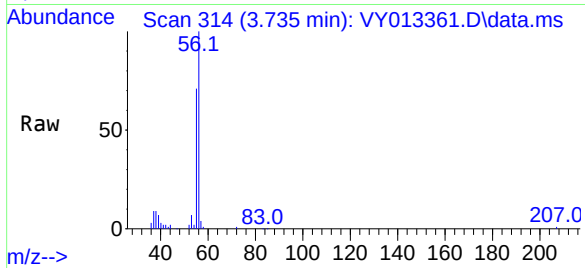




#13
Acrolein
Concen: 197.980 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

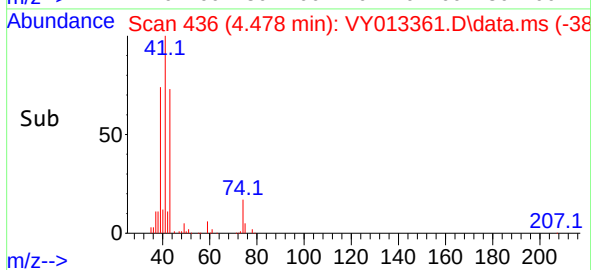
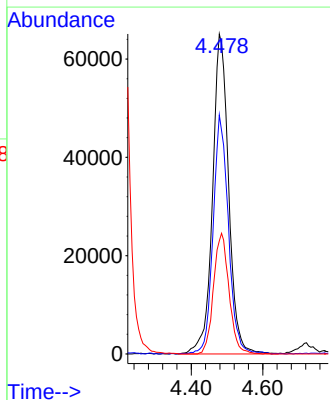
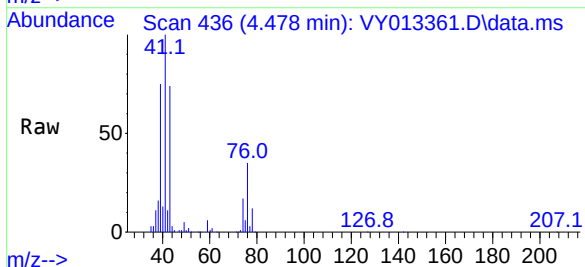
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

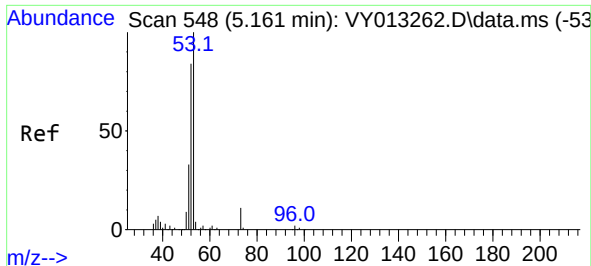
Tgt Ion: 56 Resp: 73912
Ion Ratio Lower Upper
56 100
55 72.4 56.8 85.2



#14
Allyl chloride
Concen: 44.755 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 41 Resp: 203439
Ion Ratio Lower Upper
41 100
39 70.8 53.6 80.4
76 36.2 27.2 40.8

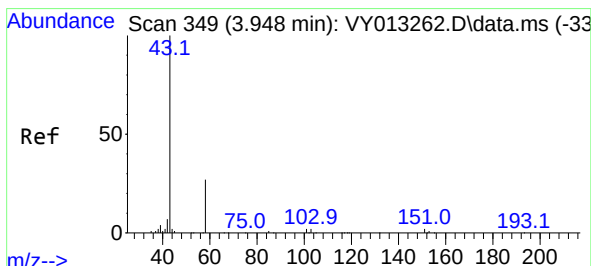
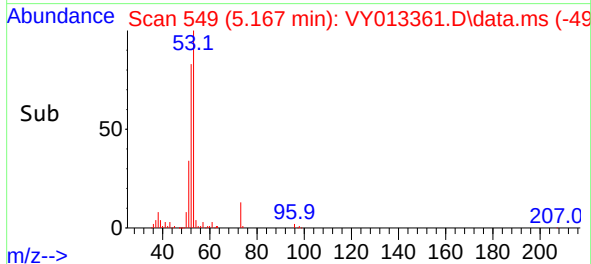
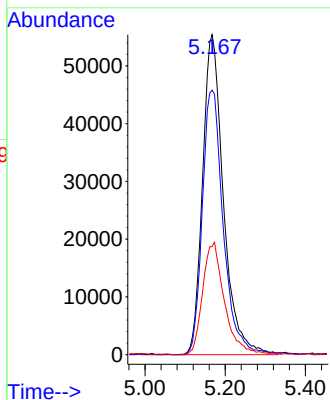
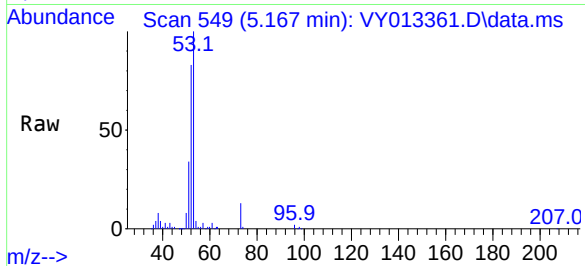




#15
Acrylonitrile
Concen: 227.515 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

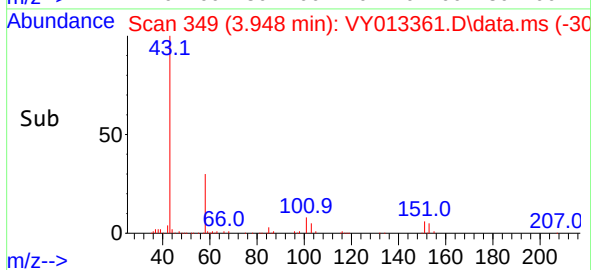
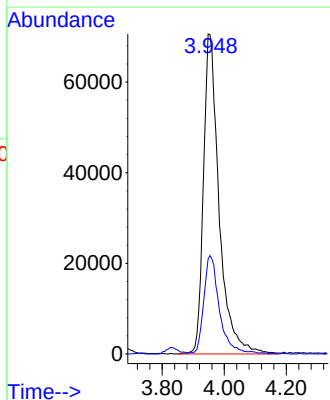
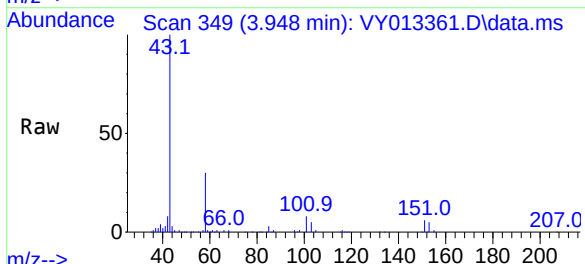
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

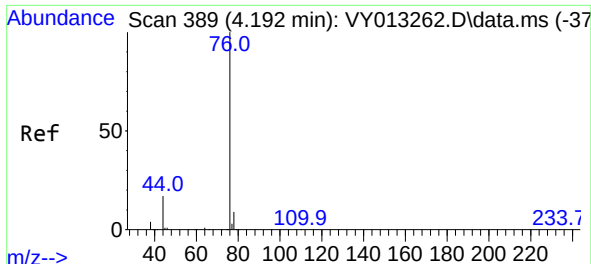
Tgt Ion: 53 Resp: 199863
Ion Ratio Lower Upper
53 100
52 83.4 66.3 99.5
51 36.8 28.8 43.2



#16
Acetone
Concen: 236.842 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 43 Resp: 247480
Ion Ratio Lower Upper
43 100
58 29.6 24.2 36.2

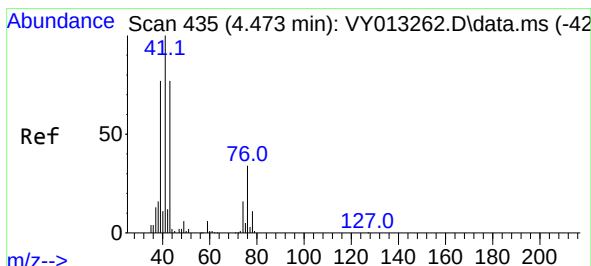
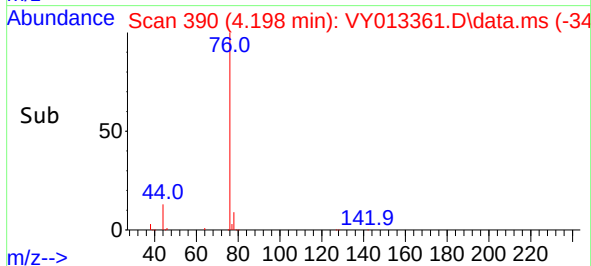
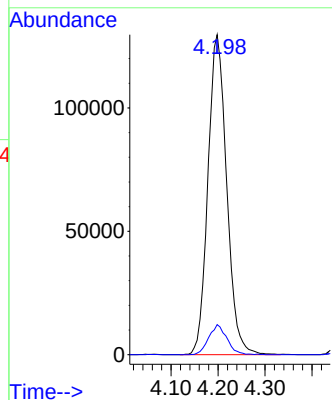
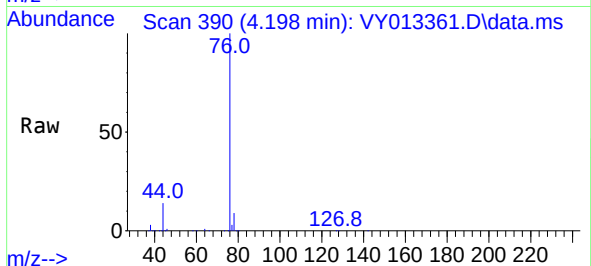




#17
Carbon Disulfide
Concen: 45.787 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

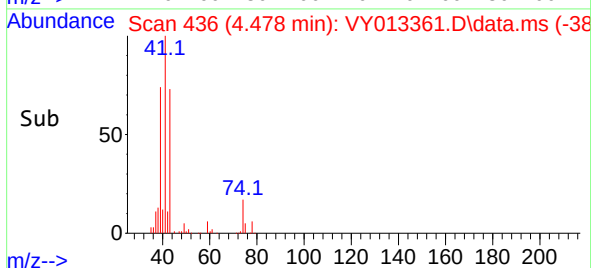
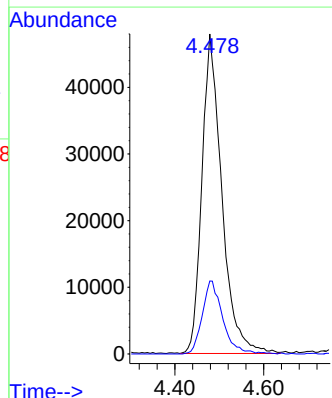
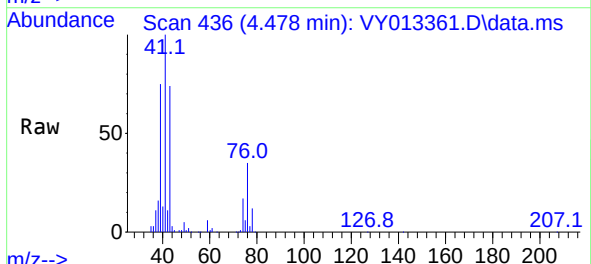
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

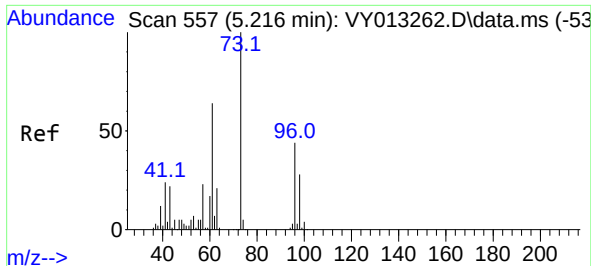
Tgt Ion: 76 Resp: 358702
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 44.239 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 43 Resp: 149504
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 50.773 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

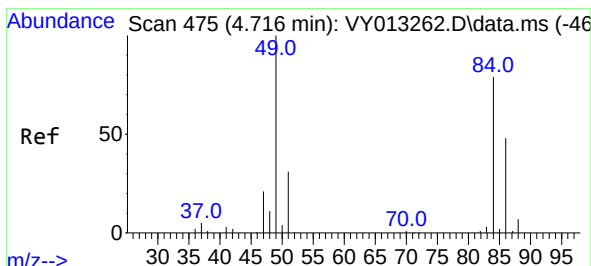
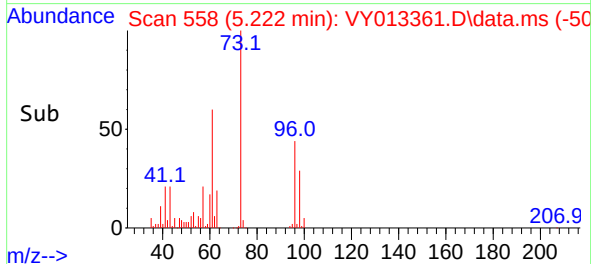
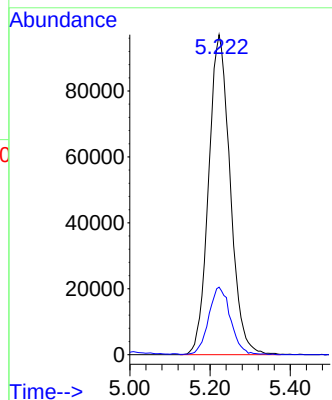
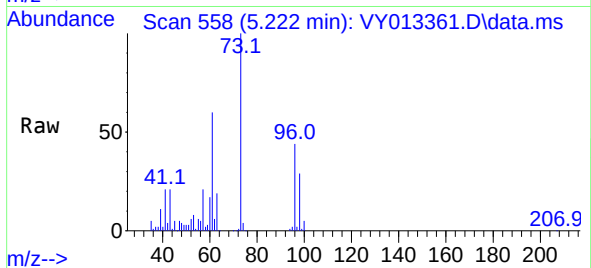
VSTDCCC050

Tgt Ion: 73 Resp: 361920

Ion Ratio Lower Upper

73 100

57 21.1 18.3 27.5



#20

Methylene Chloride

Concen: 57.624 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Tgt Ion: 84 Resp: 157238

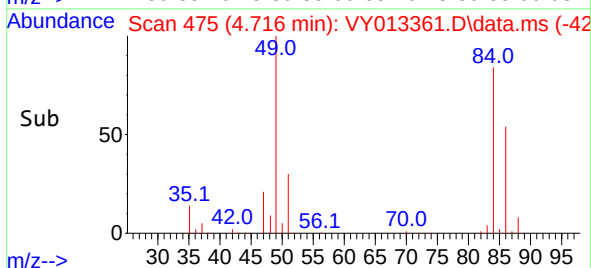
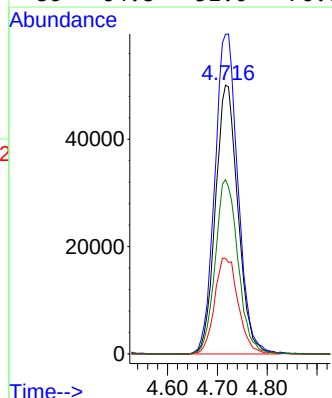
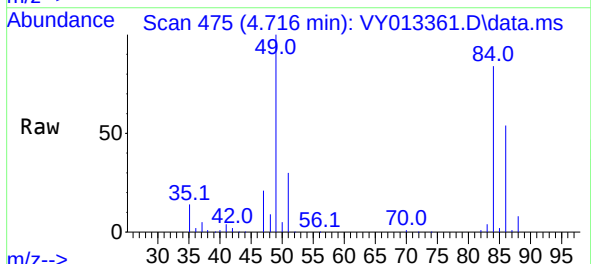
Ion Ratio Lower Upper

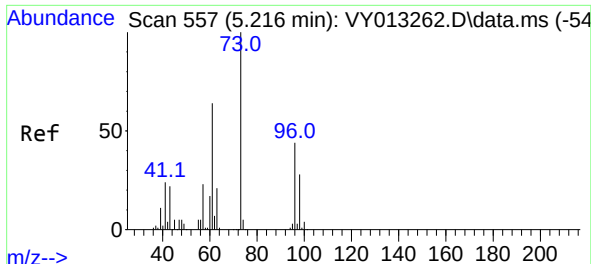
84 100

49 118.9 102.6 154.0

51 35.6 31.9 47.9

86 64.8 51.0 76.6

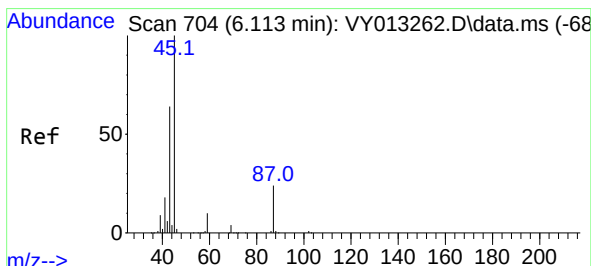
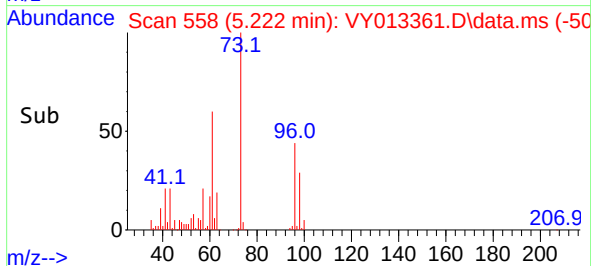
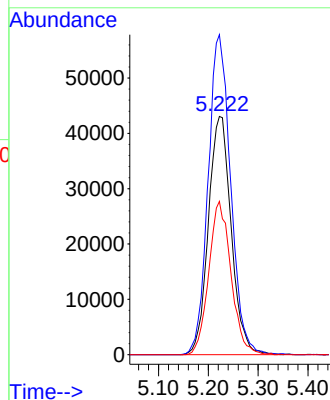
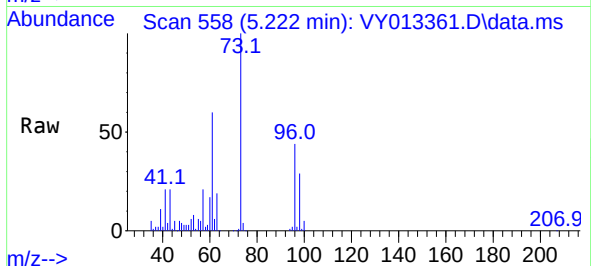




#21
trans-1,2-Dichloroethene
Concen: 50.388 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

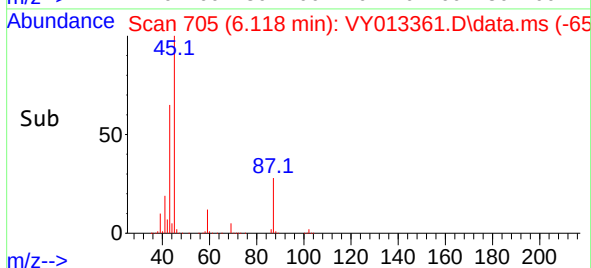
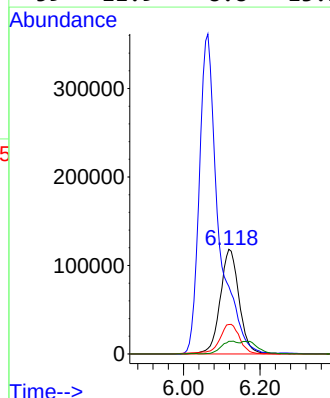
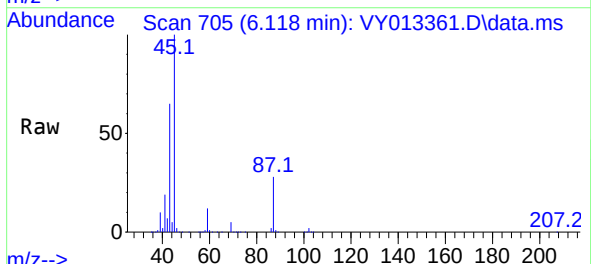
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

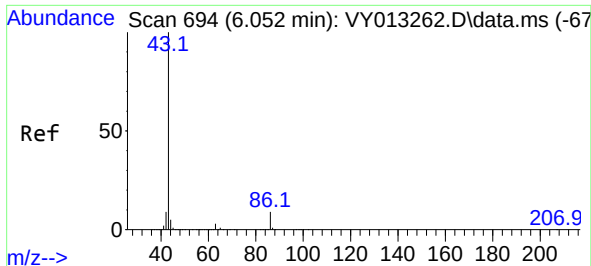
Tgt Ion: 96 Resp: 136873
Ion Ratio Lower Upper
96 100
61 134.3 111.4 167.0
98 64.3 50.8 76.2



#22
Diisopropyl ether
Concen: 45.034 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 45 Resp: 403431
Ion Ratio Lower Upper
45 100
43 64.6 45.0 67.6
87 28.2 20.3 30.5
59 11.9 8.8 13.2

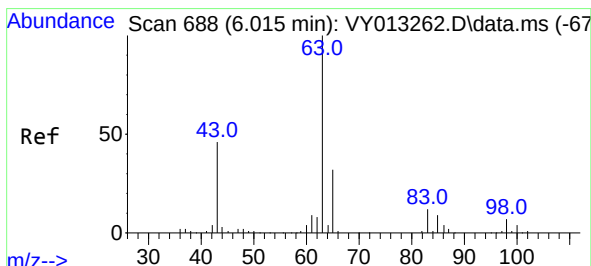
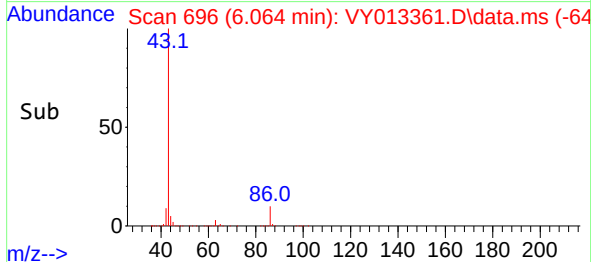
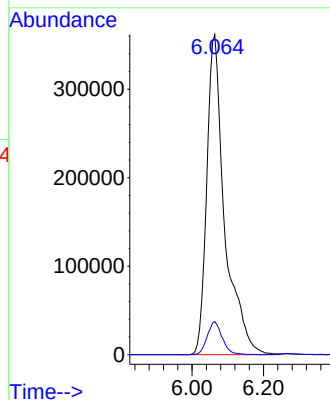
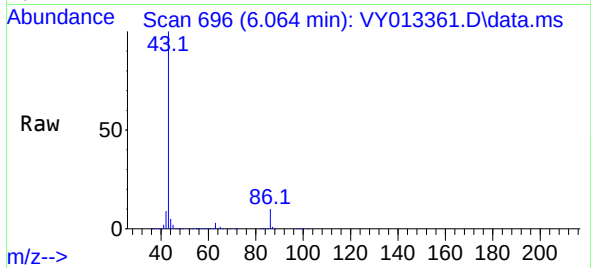




#23
 Vinyl Acetate
 Concen: 222.305 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY013361.D
 Acq: 20 Apr 2023 10:46

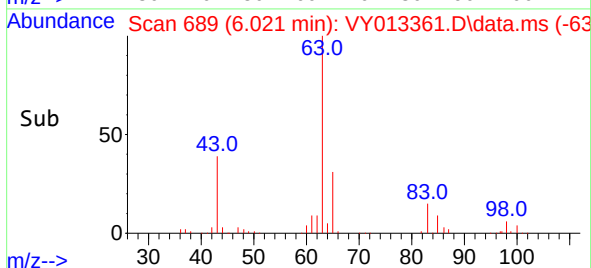
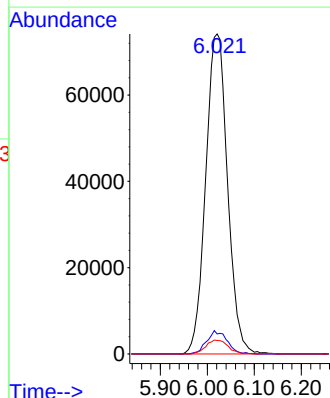
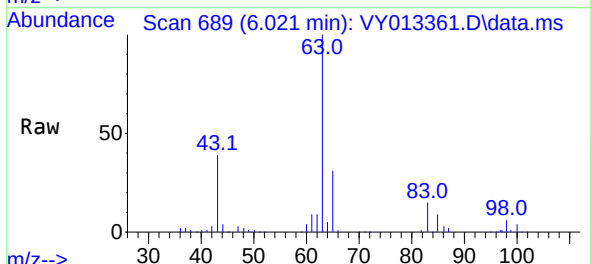
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

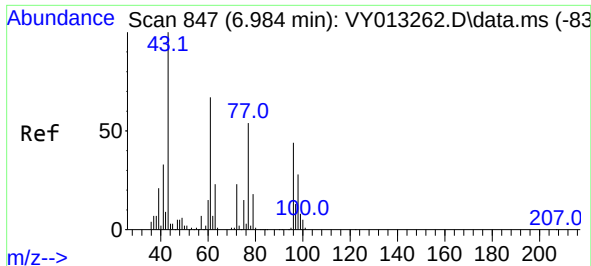
Tgt Ion: 43 Resp: 1258953
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.822 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013361.D
 Acq: 20 Apr 2023 10:46

Tgt Ion: 63 Resp: 239307
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.7 11.1
 100 4.2 2.3 6.8

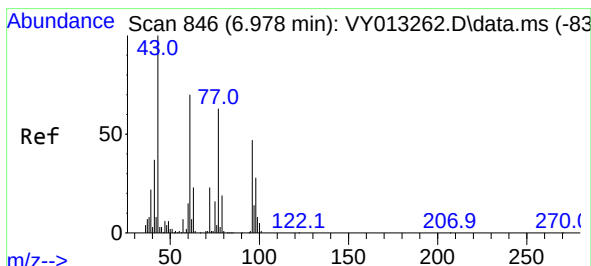
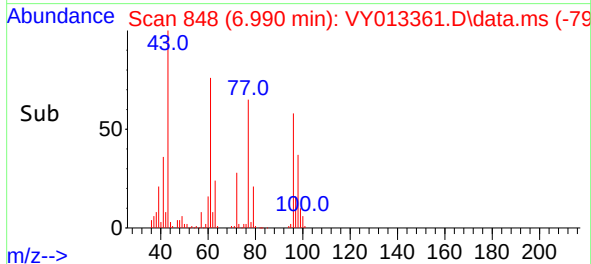
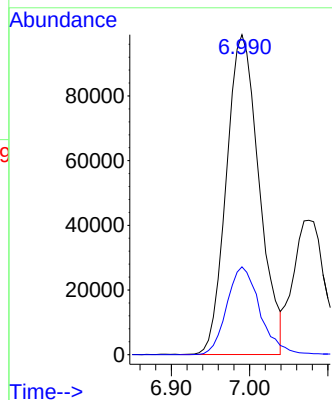
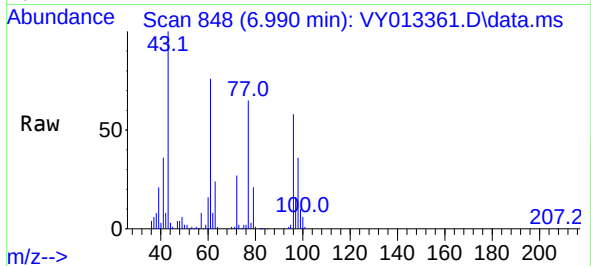




#25
2-Butanone
Concen: 214.911 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

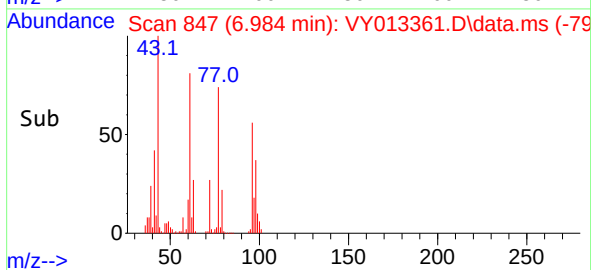
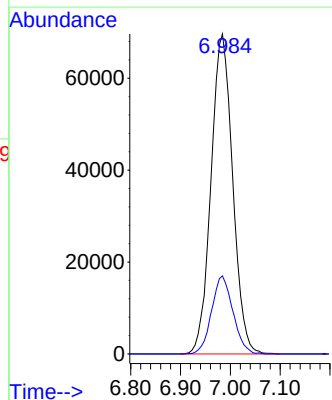
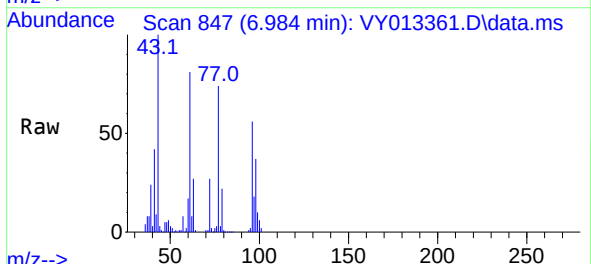
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

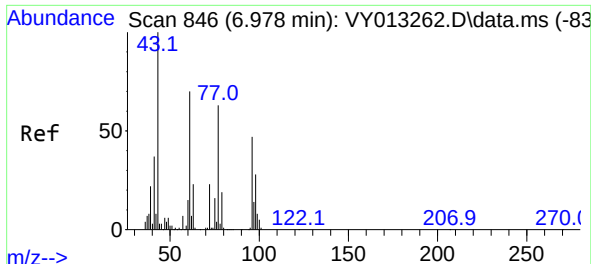
Tgt Ion: 43 Resp: 287531
Ion Ratio Lower Upper
43 100
72 27.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 46.797 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 77 Resp: 210096
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.0

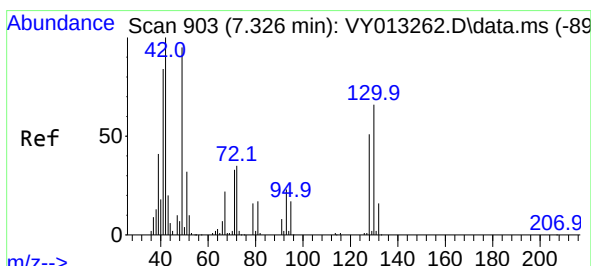
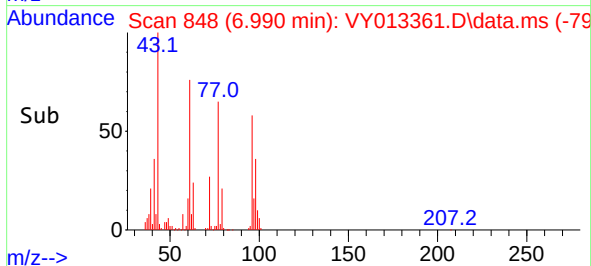
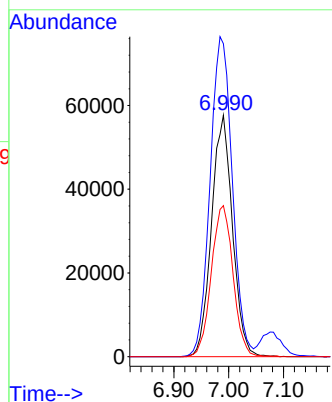
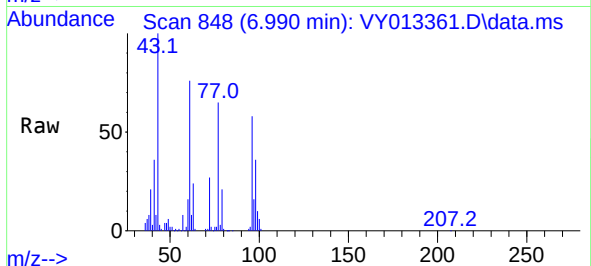




#27
cis-1,2-Dichloroethene
Concen: 51.962 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

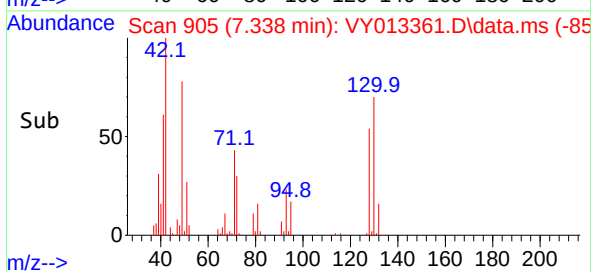
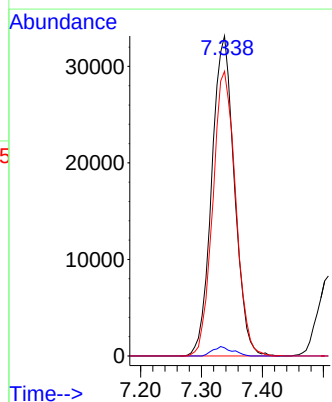
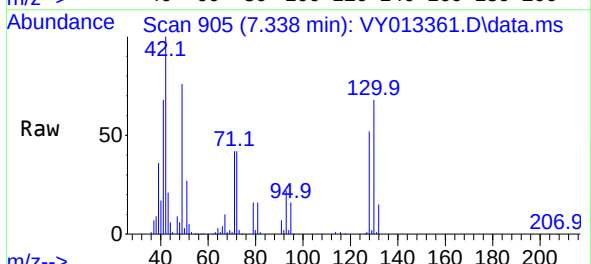
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

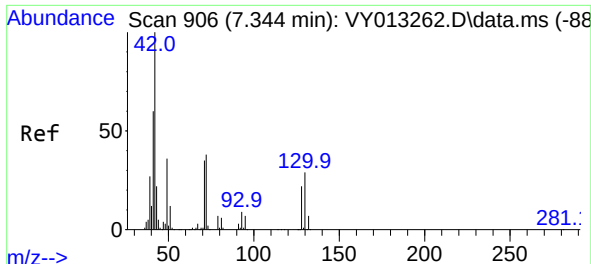
Tgt Ion: 96 Resp: 153481
Ion Ratio Lower Upper
96 100
61 140.1 0.0 295.8
98 64.7 0.0 130.2



#28
Bromochloromethane
Concen: 42.863 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 49 Resp: 85484
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 89.7 60.5 90.7

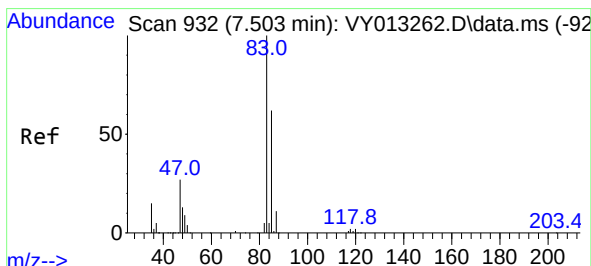
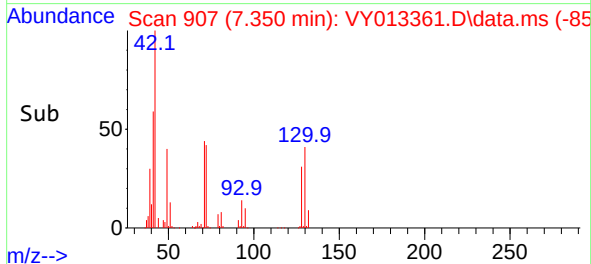
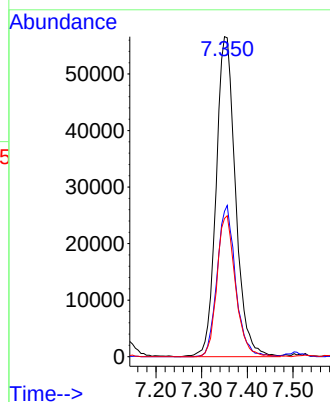
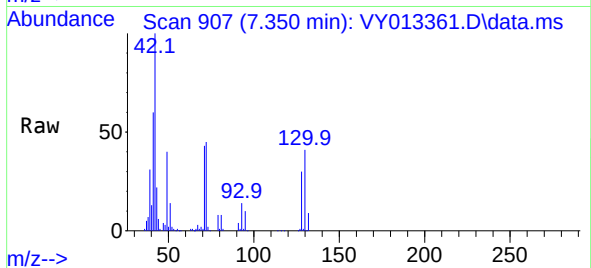




#29
Tetrahydrofuran
Concen: 205.872 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

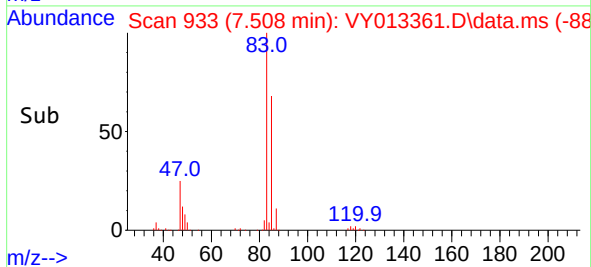
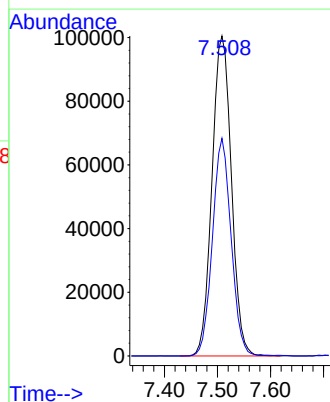
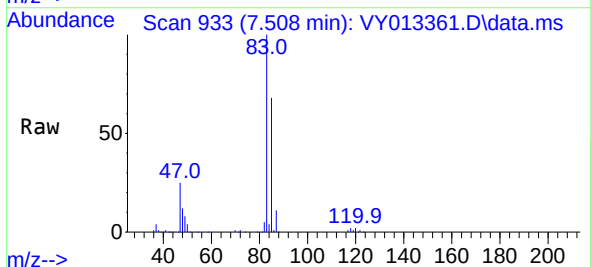
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

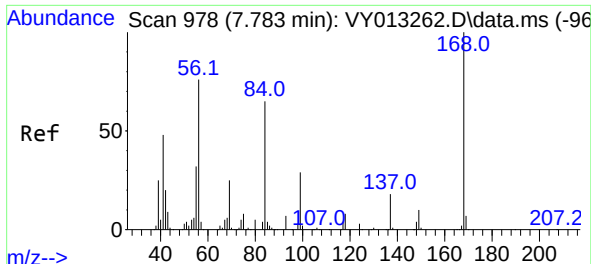
Tgt Ion: 42 Resp: 167289
Ion Ratio Lower Upper
42 100
72 44.8 32.3 48.5
71 42.0 30.3 45.5



#30
Chloroform
Concen: 50.385 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 83 Resp: 255152
Ion Ratio Lower Upper
83 100
85 68.0 51.4 77.0

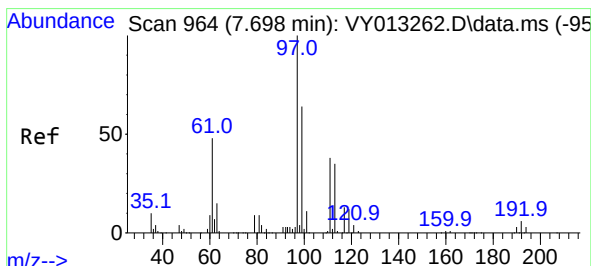
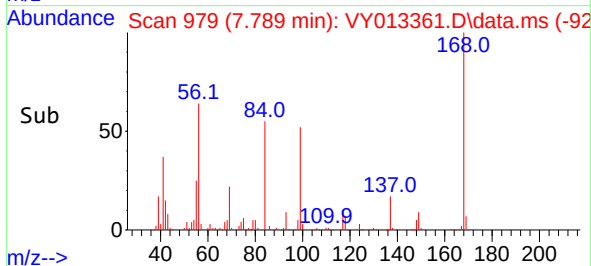
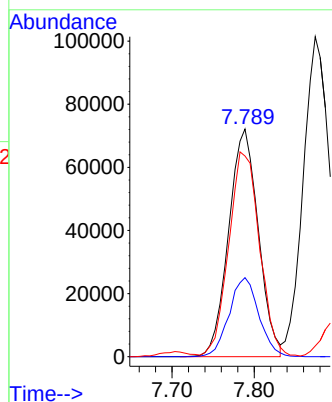
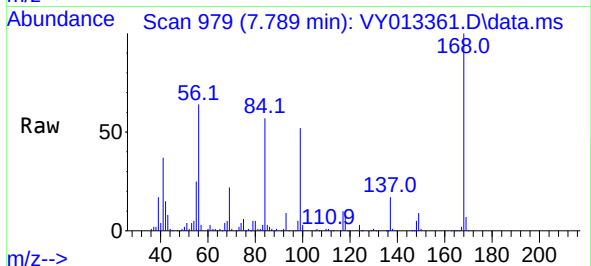




#31
Cyclohexane
Concen: 39.377 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

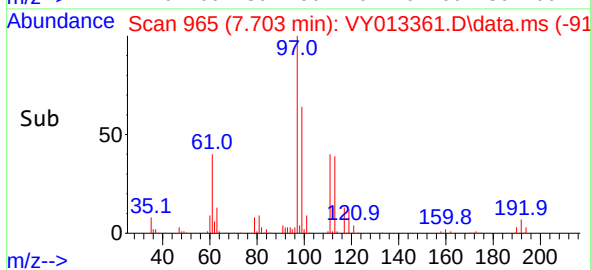
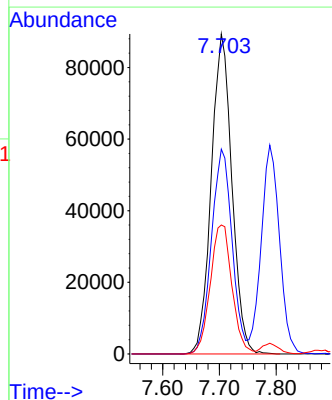
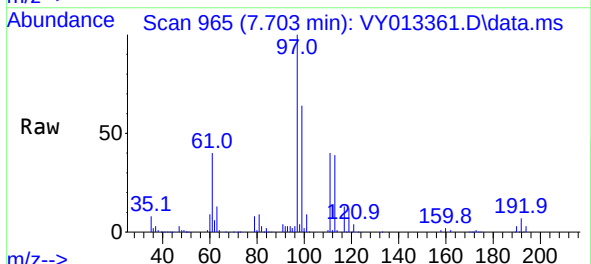
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

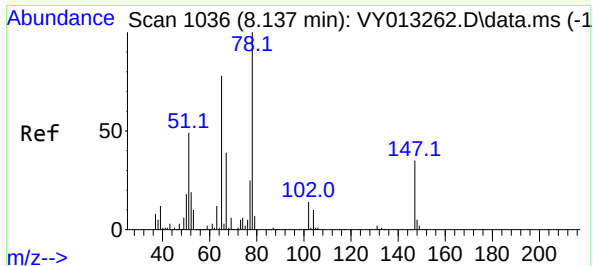
Tgt Ion: 56 Resp: 180945
Ion Ratio Lower Upper
56 100
69 34.7 25.7 38.5
84 86.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.248 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 97 Resp: 225613
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 42.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.049 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

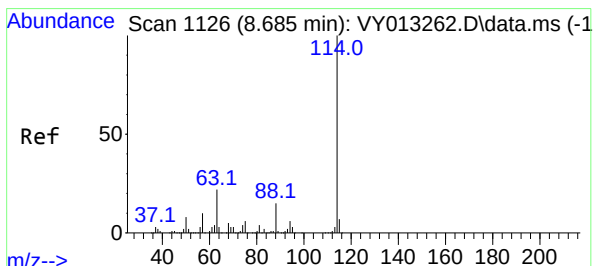
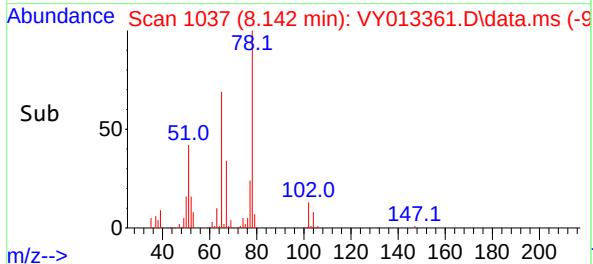
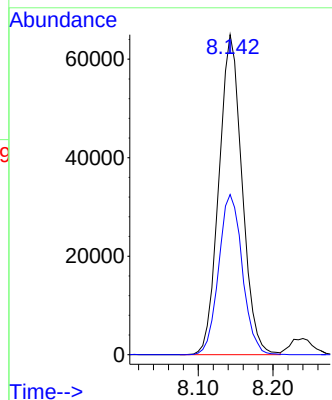
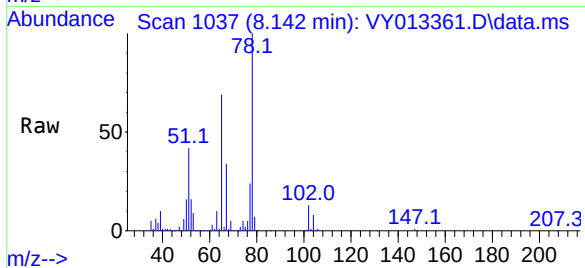
VSTDCCC050

Tgt Ion: 65 Resp: 139946

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

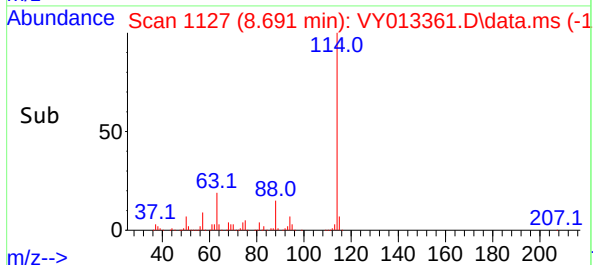
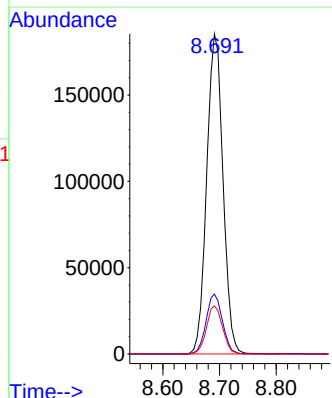
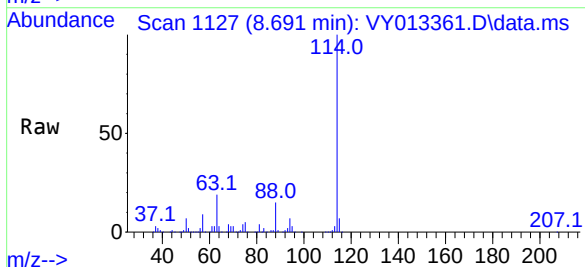
Tgt Ion: 114 Resp: 370064

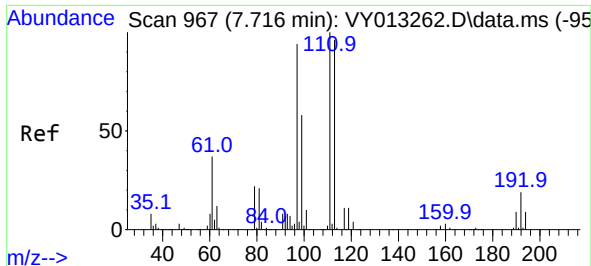
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.0 0.0 28.6

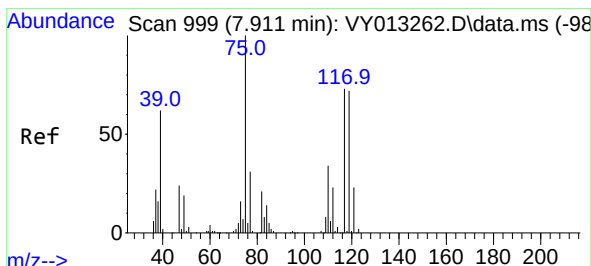
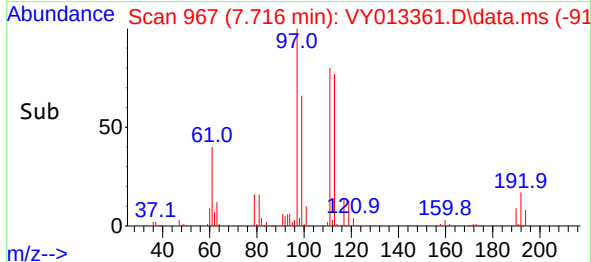
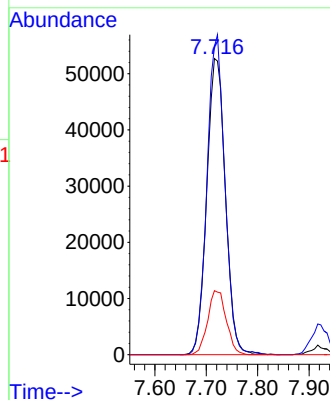
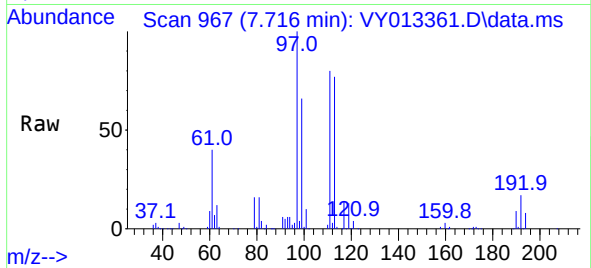




#35
Dibromofluoromethane
Concen: 55.394 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

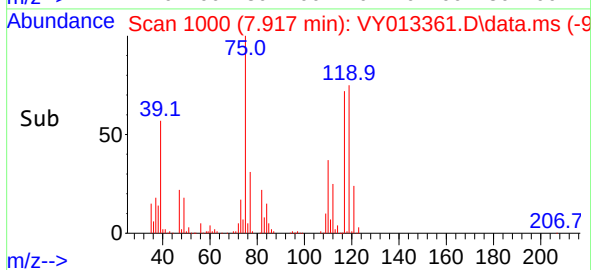
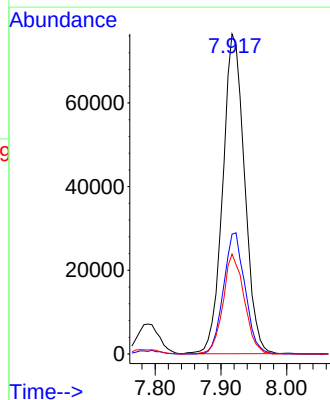
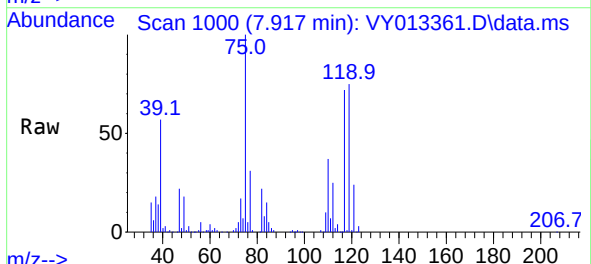
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

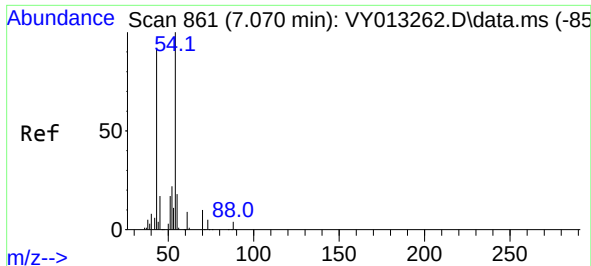
Tgt Ion:113 Resp: 132711
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.520 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 75 Resp: 176102
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 41.836 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

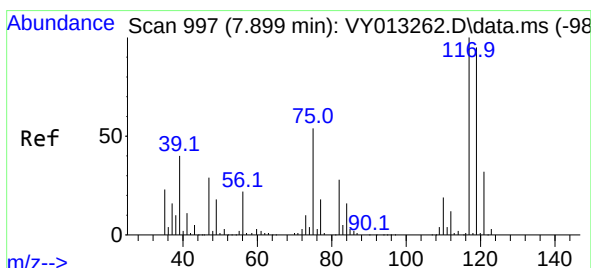
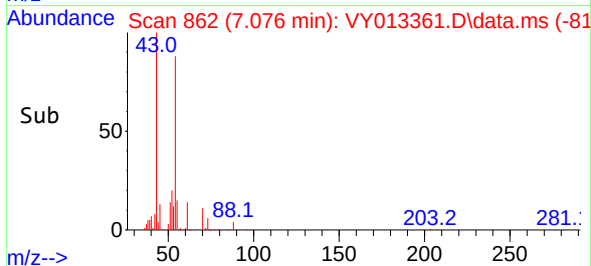
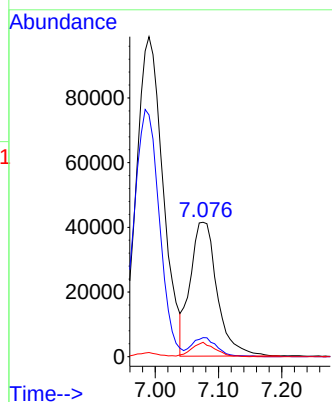
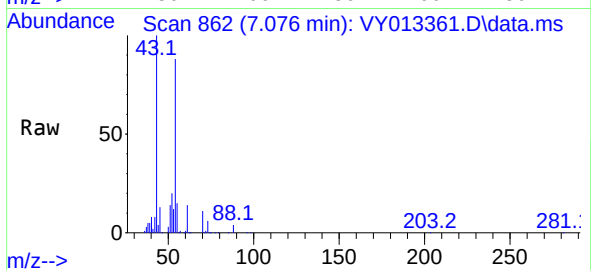
Tgt Ion: 43 Resp: 122398

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.036 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

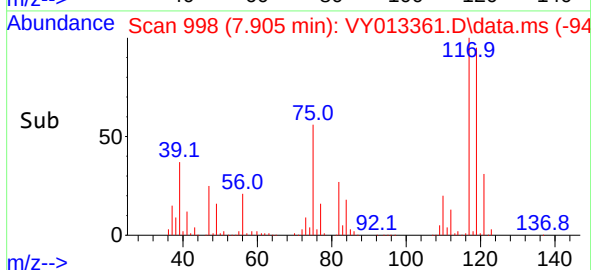
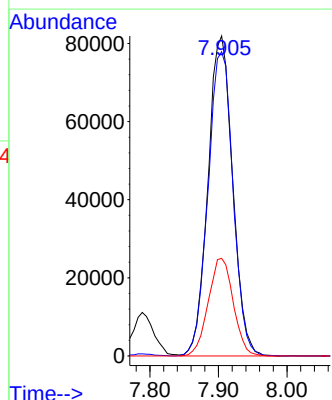
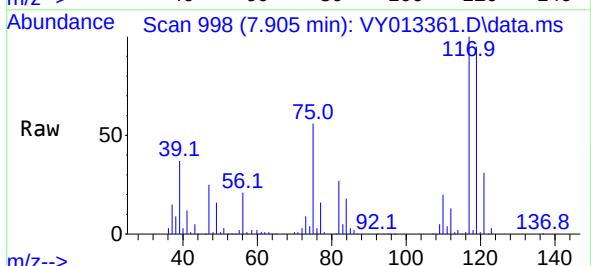
Tgt Ion: 117 Resp: 204821

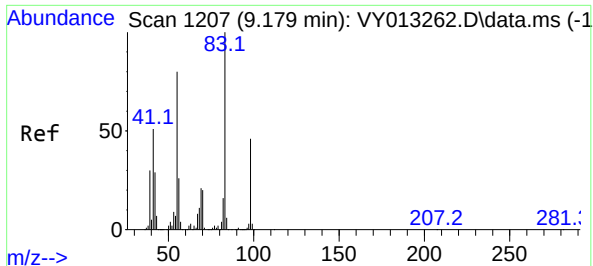
Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8

121 30.5 24.7 37.1





#39

Methylcyclohexane

Concen: 48.799 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

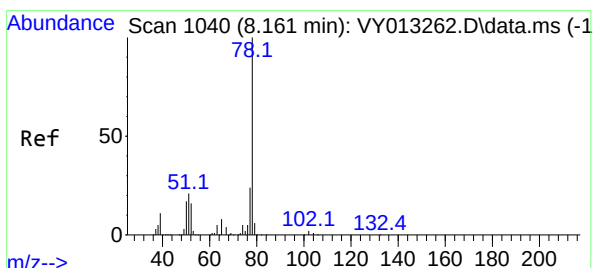
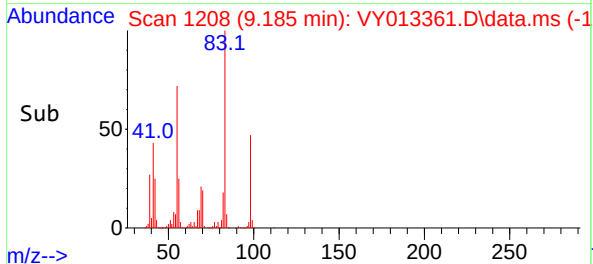
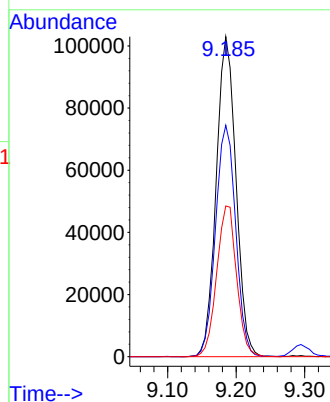
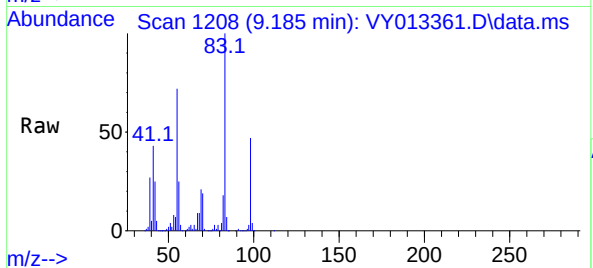
Tgt Ion: 83 Resp: 205897

Ion Ratio Lower Upper

83 100

55 72.3 60.0 90.0

98 47.1 38.3 57.5



#40

Benzene

Concen: 49.729 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013361.D

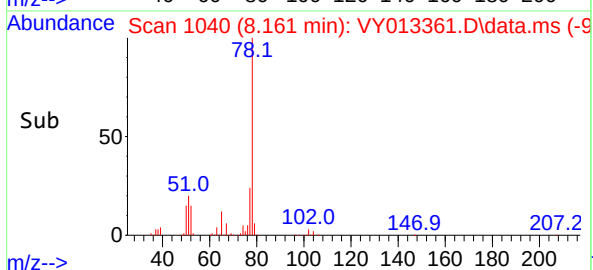
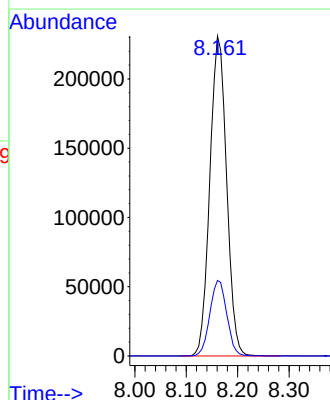
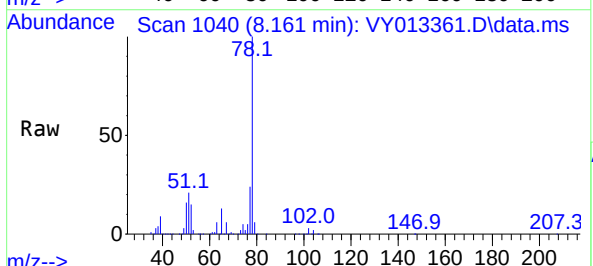
Acq: 20 Apr 2023 10:46

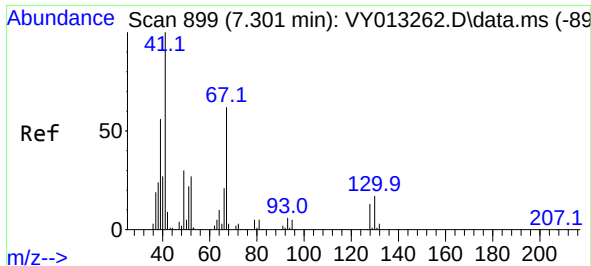
Tgt Ion: 78 Resp: 522385

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

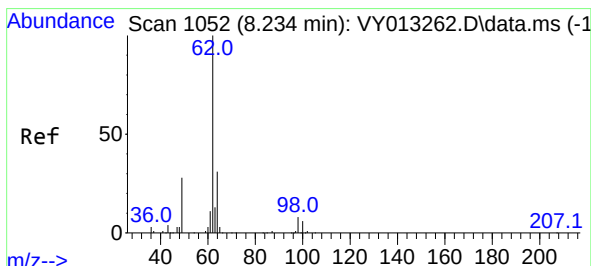
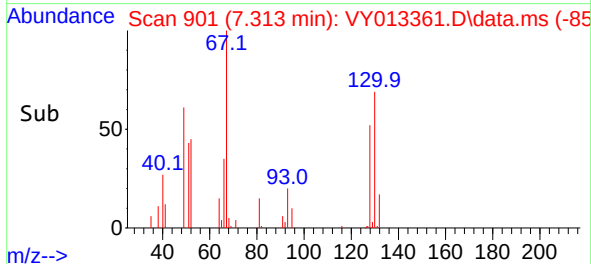
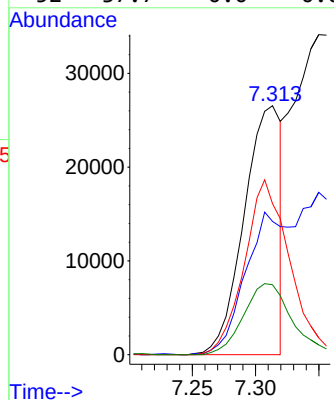
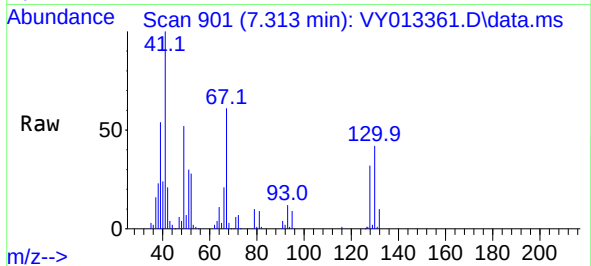




#41
Methacrylonitrile
Concen: 44.745 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

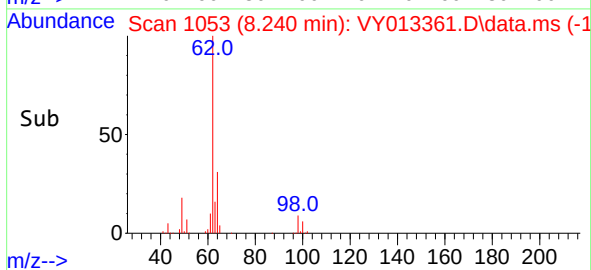
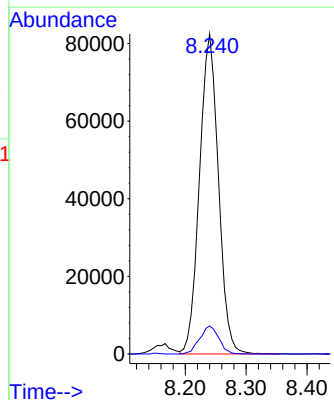
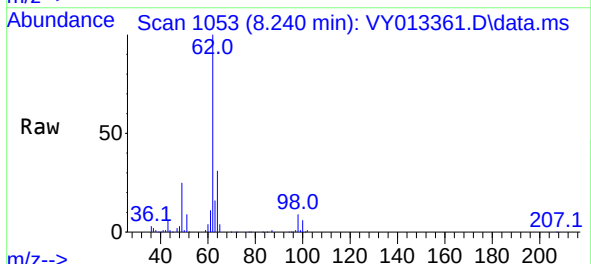
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

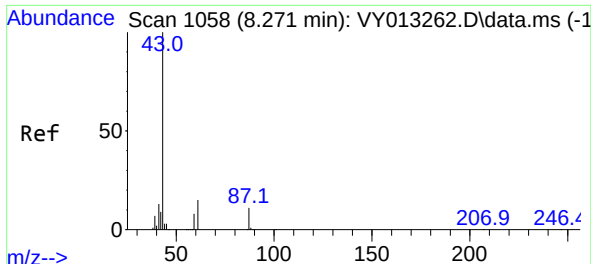
Tgt Ion: 41 Resp: 54310
Ion Ratio Lower Upper
41 100
39 63.7 0.0 0.0#
67 85.6 0.0 0.0#
52 37.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.984 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 62 Resp: 178020
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8

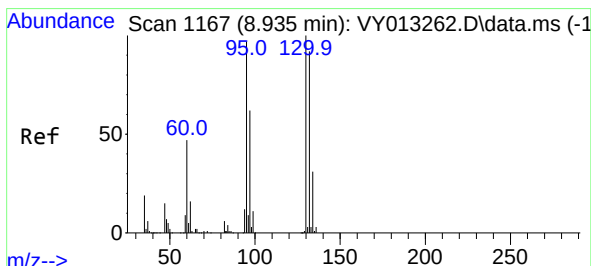
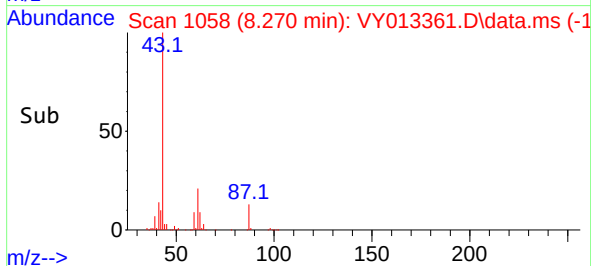
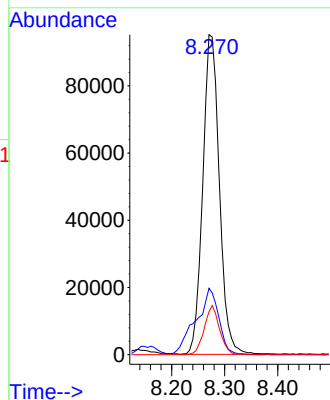
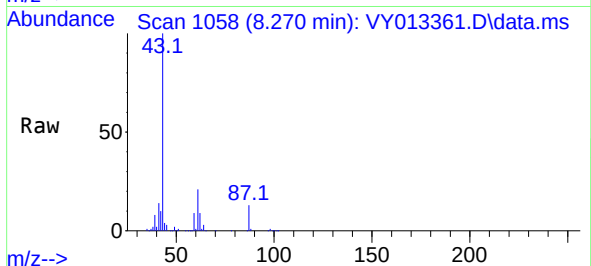




#43
Isopropyl Acetate
Concen: 42.601 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

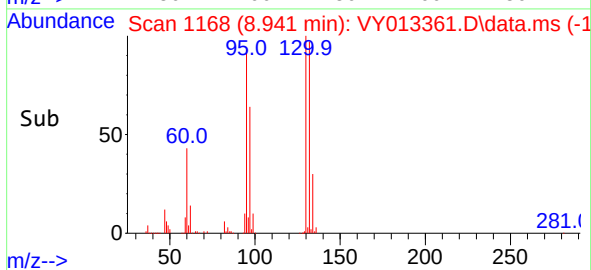
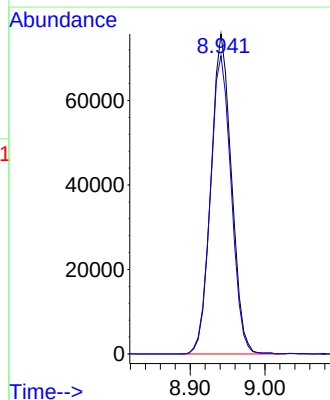
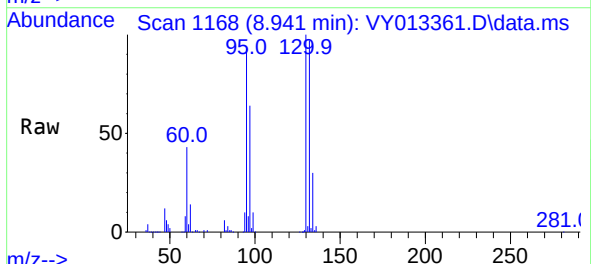
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

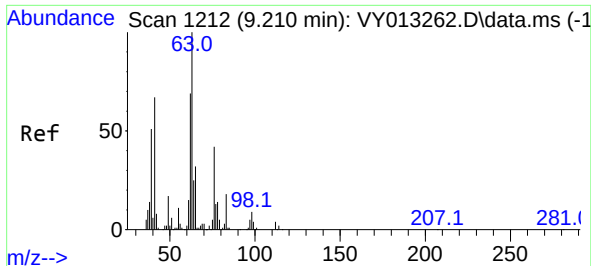
Tgt Ion: 43 Resp: 207018
Ion Ratio Lower Upper
43 100
61 28.6 21.6 32.4
87 14.1 9.9 14.9



#44
Trichloroethene
Concen: 53.337 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:130 Resp: 144331
Ion Ratio Lower Upper
130 100
95 93.2 0.0 185.0





#45

1,2-Dichloropropane

Concen: 48.110 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

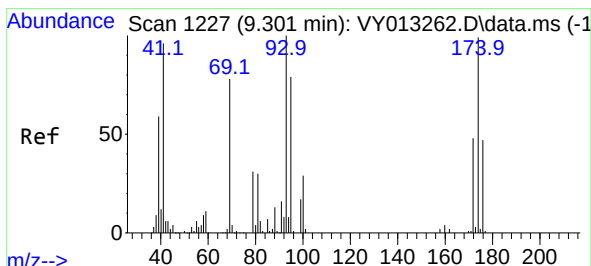
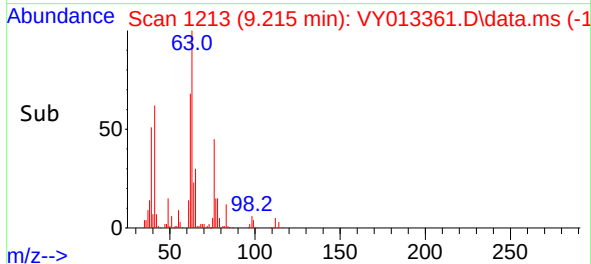
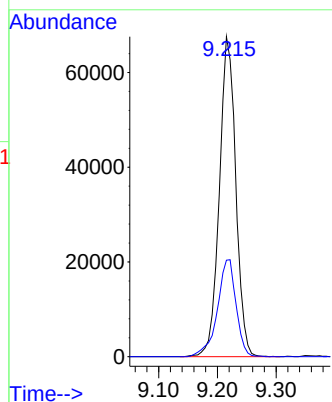
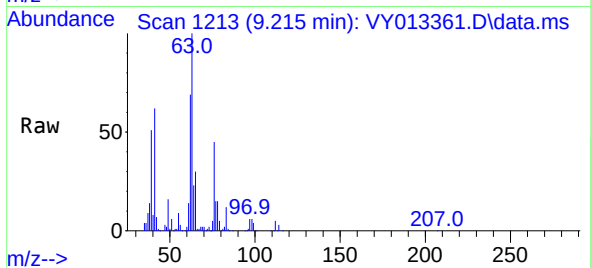
VSTDCCC050

Tgt Ion: 63 Resp: 131171

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 50.616 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

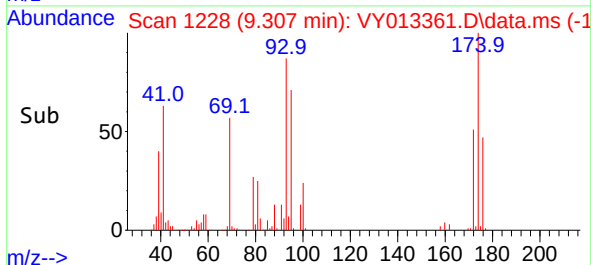
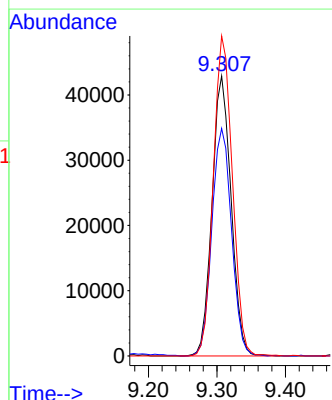
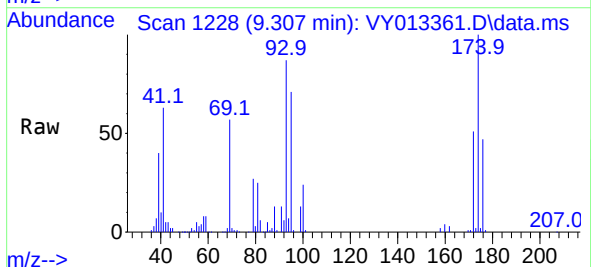
Tgt Ion: 93 Resp: 83057

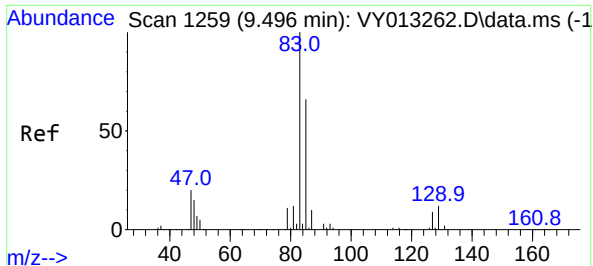
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 114.3 81.3 121.9





#47

Bromodichloromethane

Concen: 52.337 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

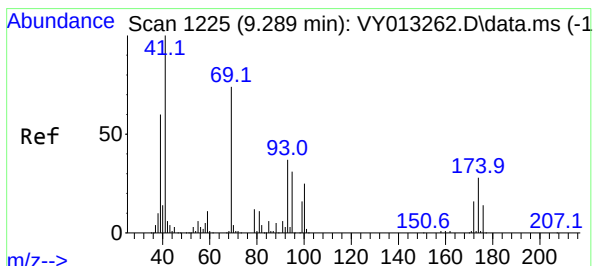
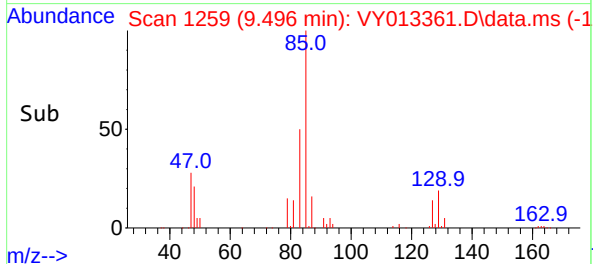
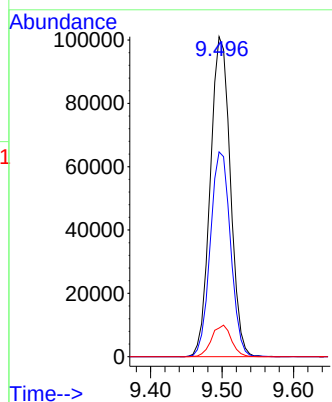
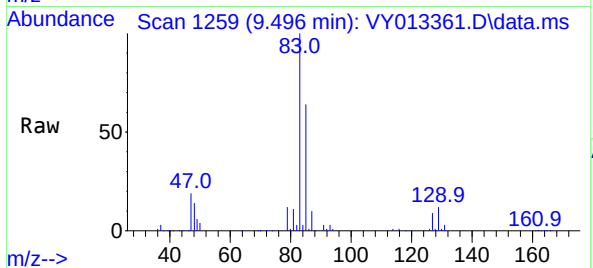
Tgt Ion: 83 Resp: 196329

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 43.797 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

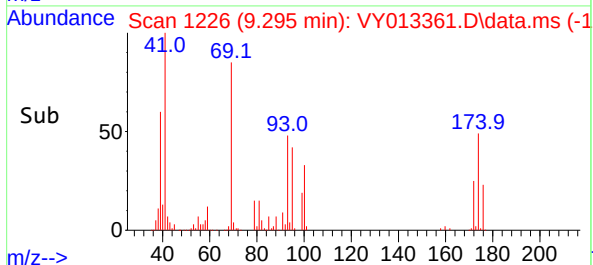
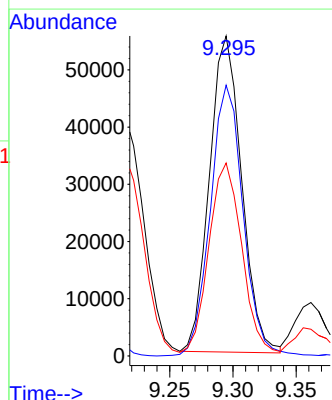
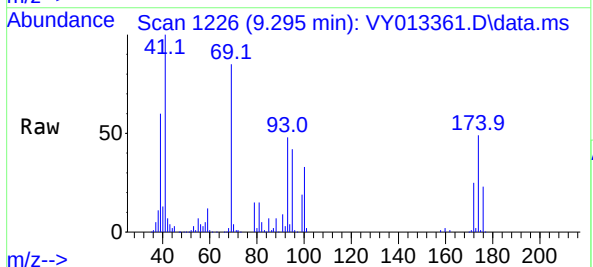
Tgt Ion: 41 Resp: 97760

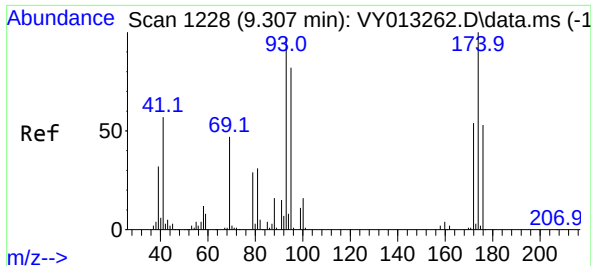
Ion Ratio Lower Upper

41 100

69 87.5 64.1 96.1

39 63.1 44.0 66.0





#49

1,4-Dioxane

Concen: 1040.324 ug/l

RT: 9.313 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

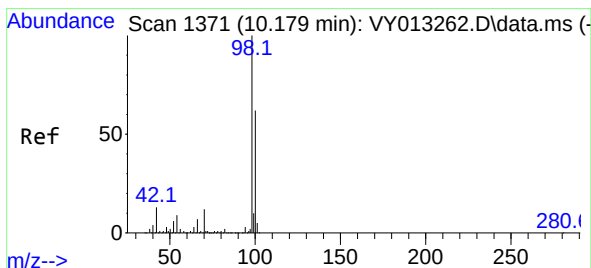
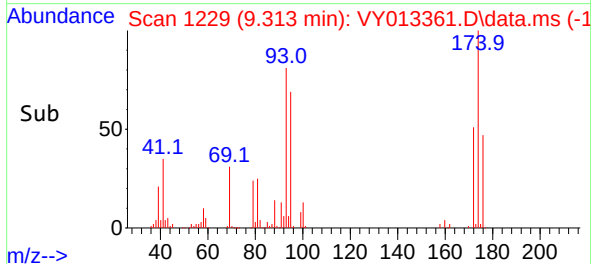
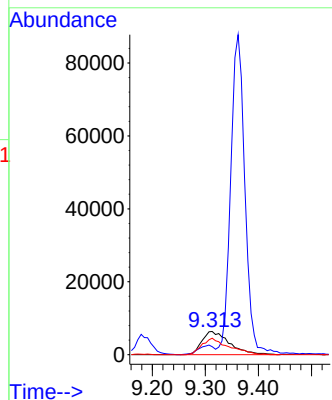
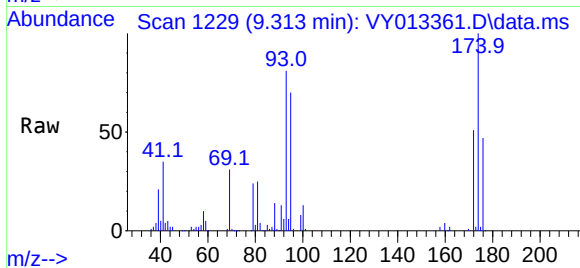
Tgt Ion: 88 Resp: 23129

Ion Ratio Lower Upper

88 100

43 23.1 28.6 42.8#

58 68.9 55.2 82.8



#50

Toluene-d8

Concen: 50.274 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013361.D

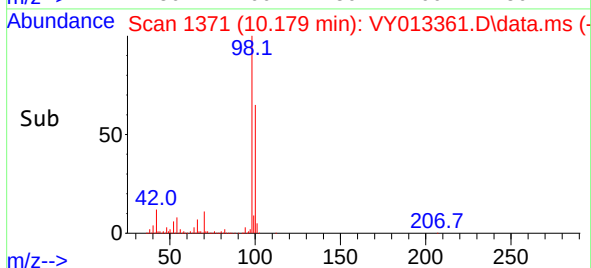
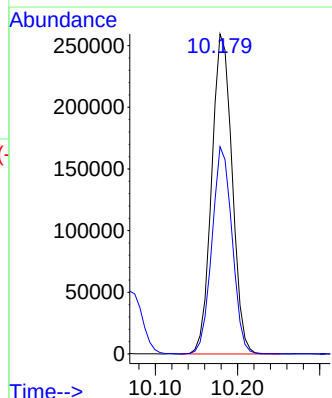
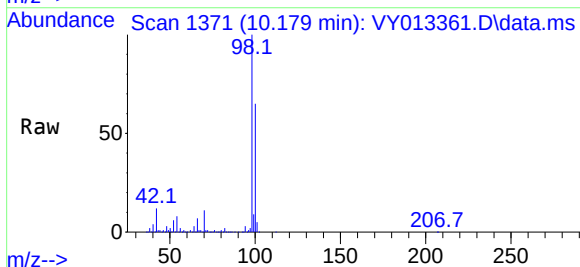
Acq: 20 Apr 2023 10:46

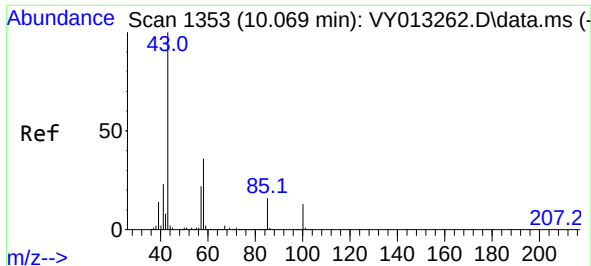
Tgt Ion: 98 Resp: 448319

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

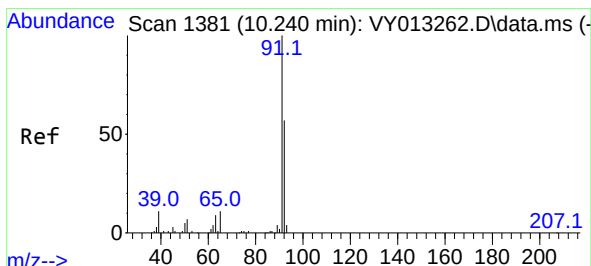
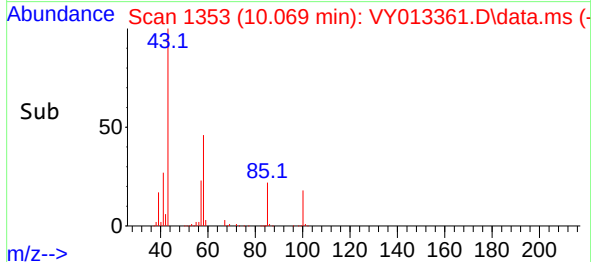
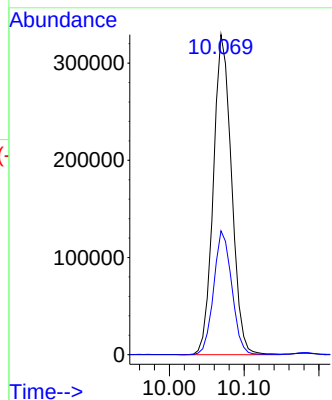
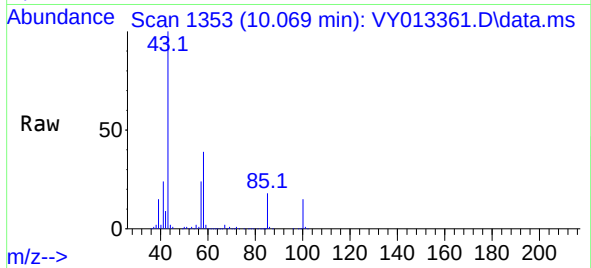




#51
4-Methyl-2-Pentanone
Concen: 211.053 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

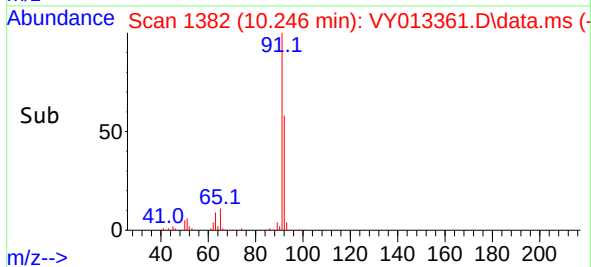
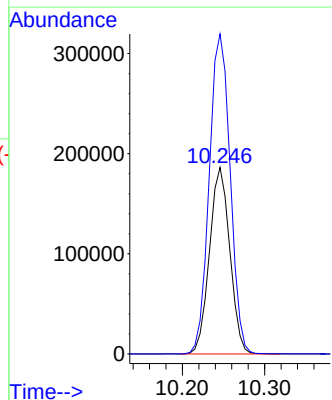
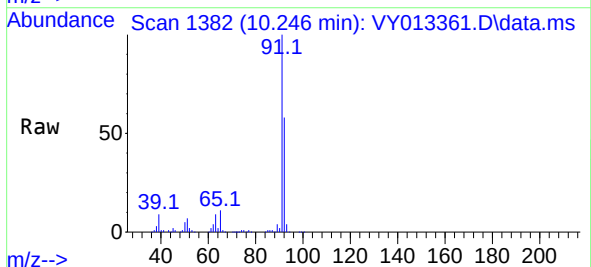
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

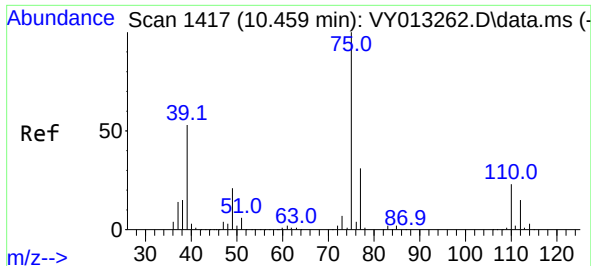
Tgt Ion: 43 Resp: 558159
Ion Ratio Lower Upper
43 100
58 38.5 29.8 44.6



#52
Toluene
Concen: 50.353 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 92 Resp: 319391
Ion Ratio Lower Upper
92 100
91 176.8 141.3 211.9

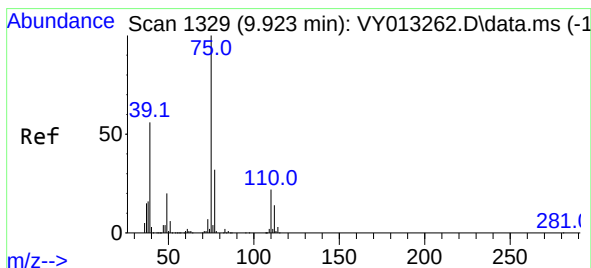
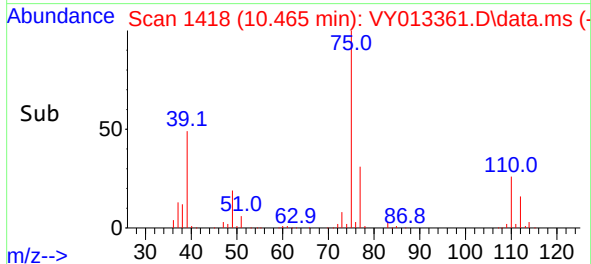
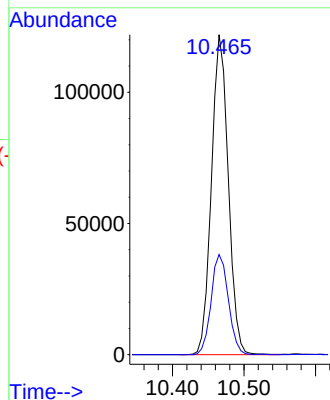
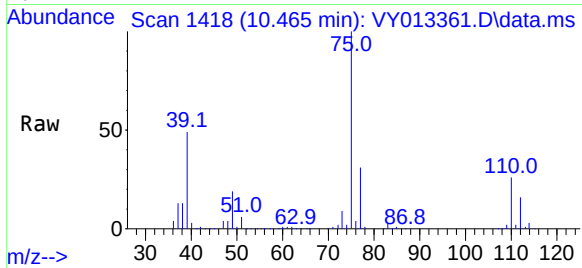




#53
 t-1,3-Dichloropropene
 Concen: 50.658 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY013361.D
 Acq: 20 Apr 2023 10:46

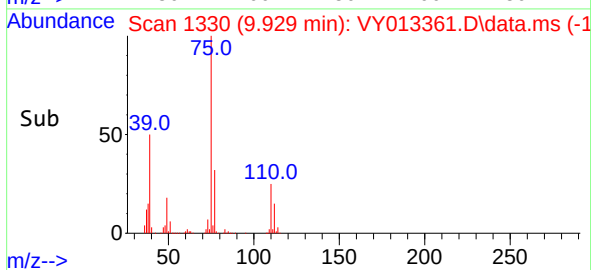
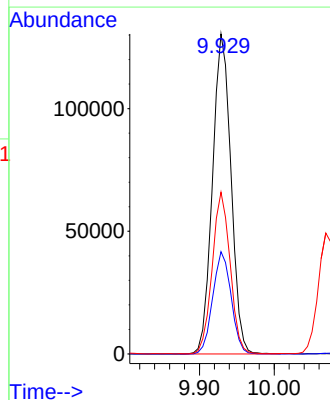
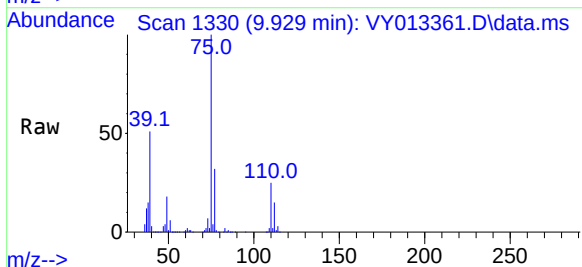
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

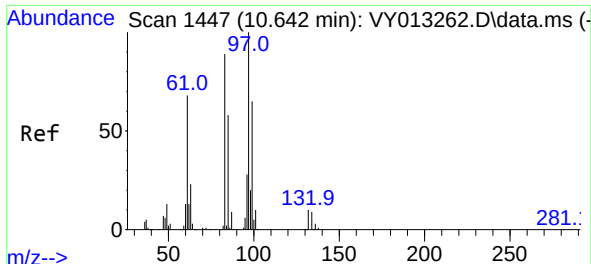
Tgt Ion: 75 Resp: 199012
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.069 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY013361.D
 Acq: 20 Apr 2023 10:46

Tgt Ion: 75 Resp: 224294
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 50.5 39.0 58.4



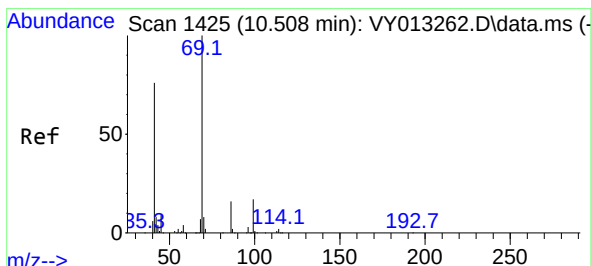
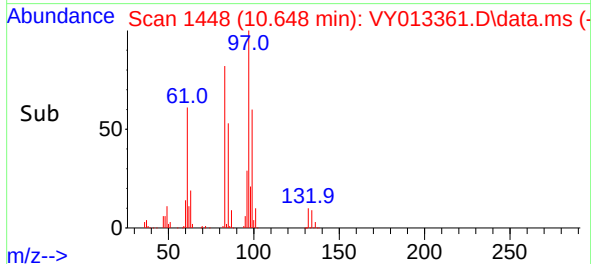
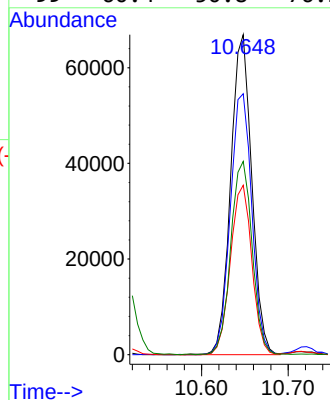
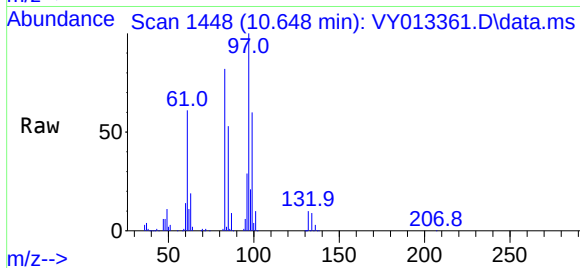


#55
1,1,2-Trichloroethane
Concen: 52.277 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 113108

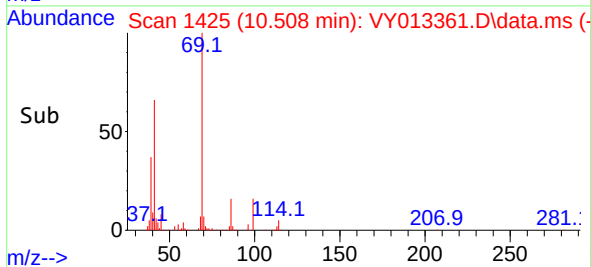
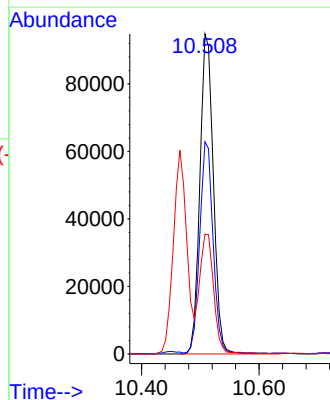
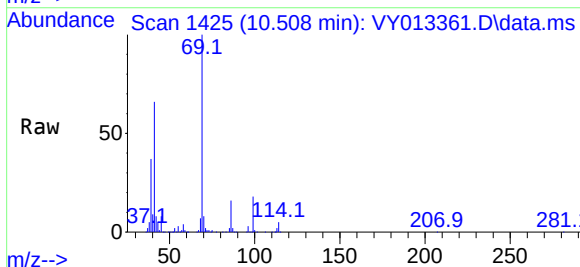
Ion	Ratio	Lower	Upper
97	100		
83	81.5	69.0	103.6
85	53.0	44.9	67.3
99	60.4	50.8	76.2

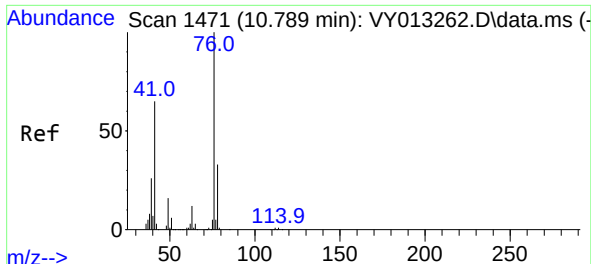


#56
Ethyl methacrylate
Concen: 51.076 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 69 Resp: 151312

Ion	Ratio	Lower	Upper
69	100		
41	65.0	56.4	84.6
39	38.7	30.8	46.2





#57

1,3-Dichloropropane

Concen: 49.661 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

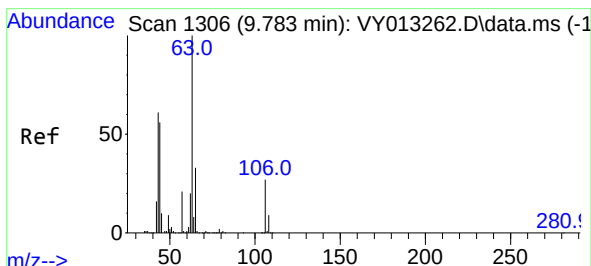
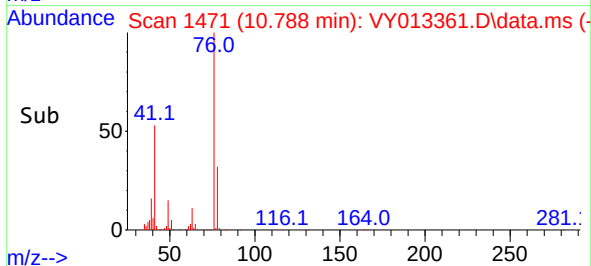
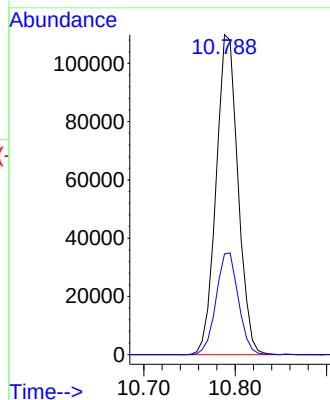
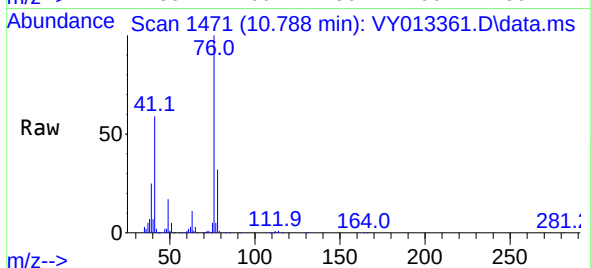
VSTDCCC050

Tgt Ion: 76 Resp: 182746

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 222.551 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013361.D

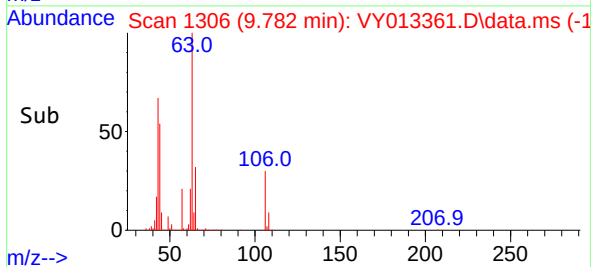
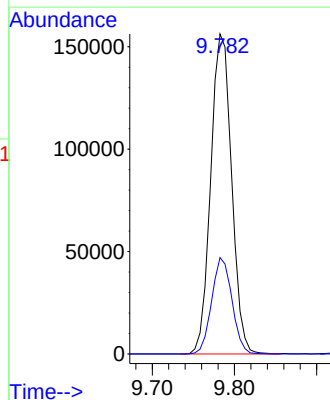
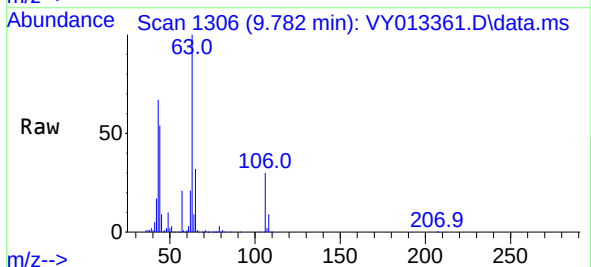
Acq: 20 Apr 2023 10:46

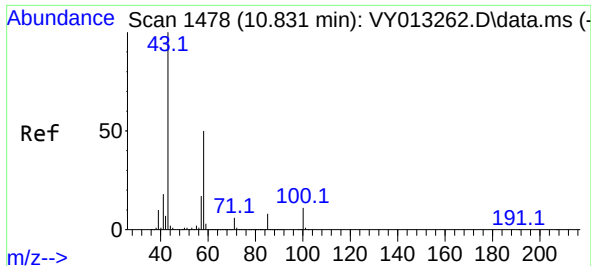
Tgt Ion: 63 Resp: 275289

Ion Ratio Lower Upper

63 100

106 29.2 22.1 33.1

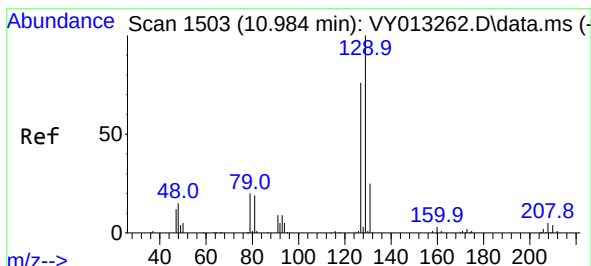
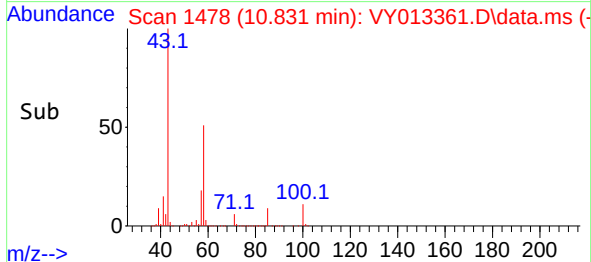
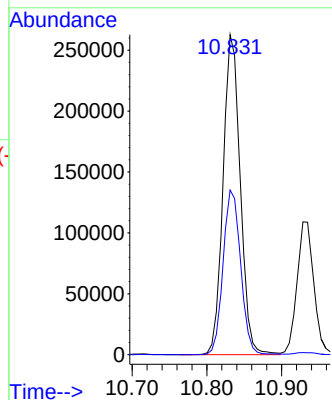
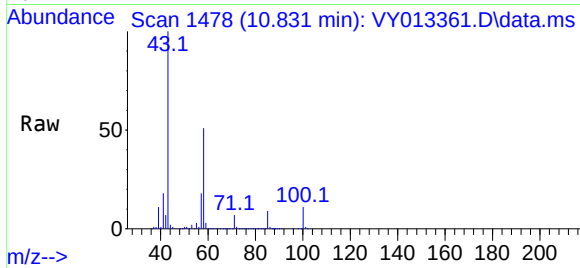




#59
2-Hexanone
Concen: 218.668 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

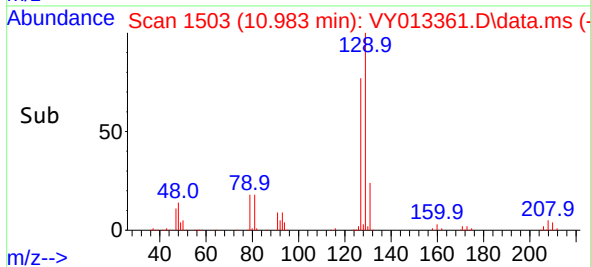
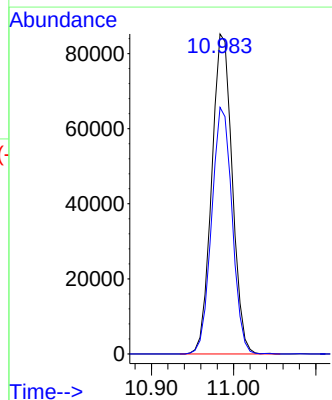
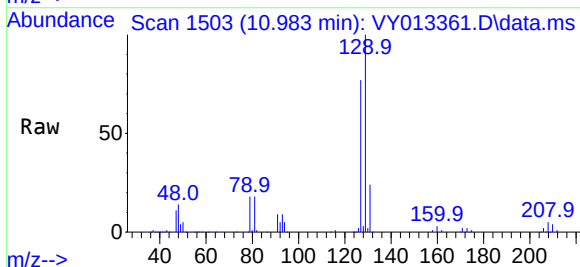
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

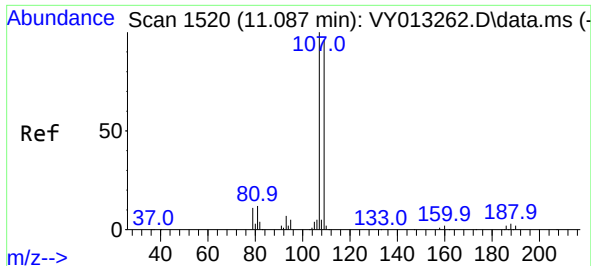
Tgt Ion: 43 Resp: 420491
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8



#60
Dibromochloromethane
Concen: 54.442 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:129 Resp: 147696
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

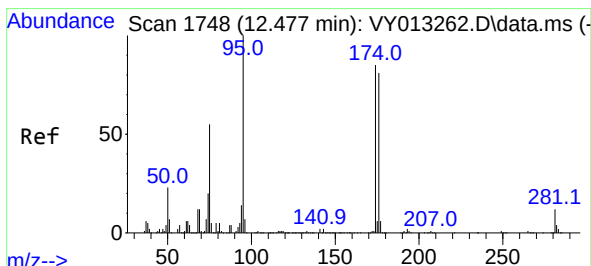
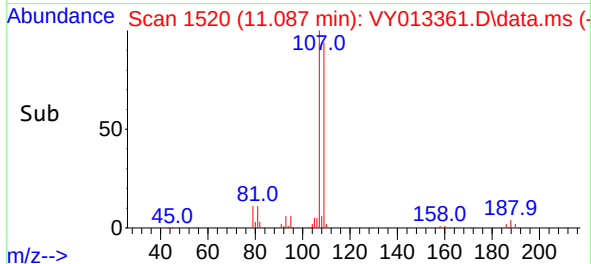
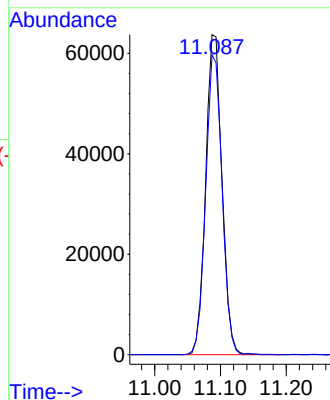
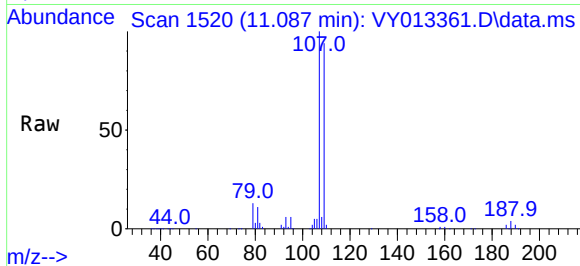




#61
1,2-Dibromoethane
Concen: 52.235 ug/l
RT: 11.087 min Scan# 110052
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

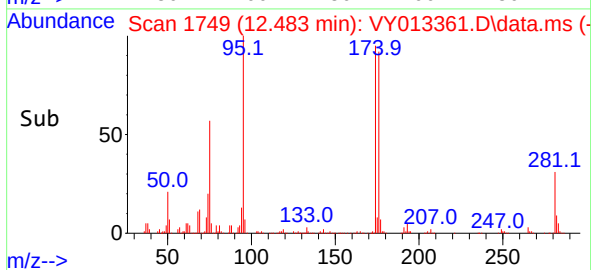
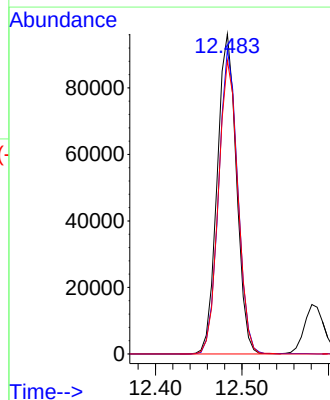
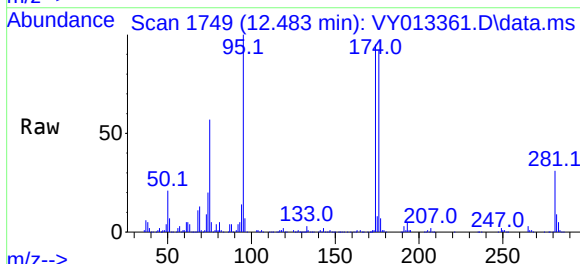
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

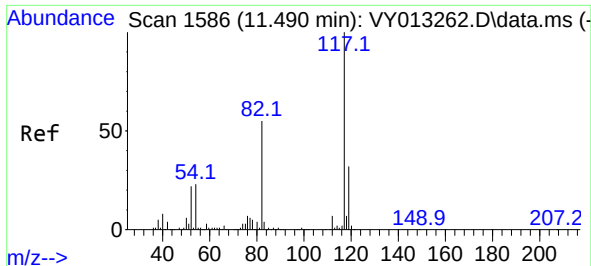
Tgt Ion:107 Resp: 110052
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 95 Resp: 148593
Ion Ratio Lower Upper
95 100
174 94.2 0.0 176.6
176 92.4 0.0 170.2

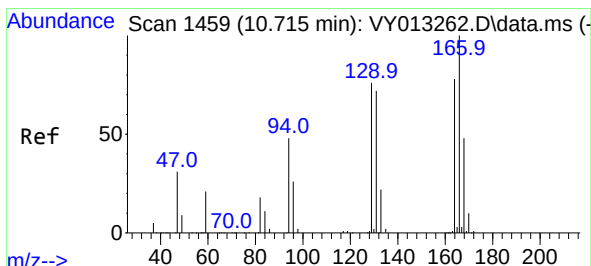
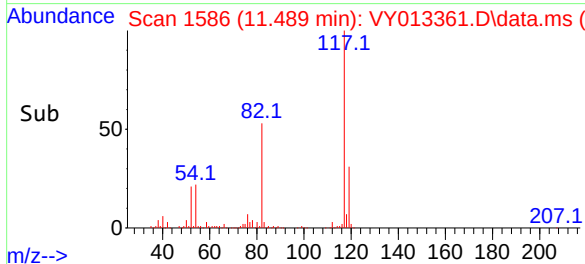
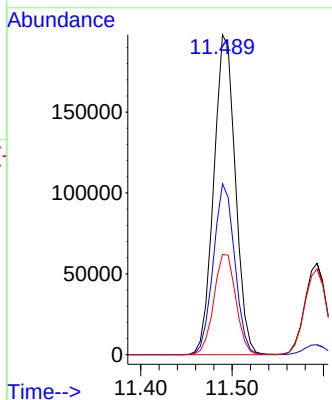
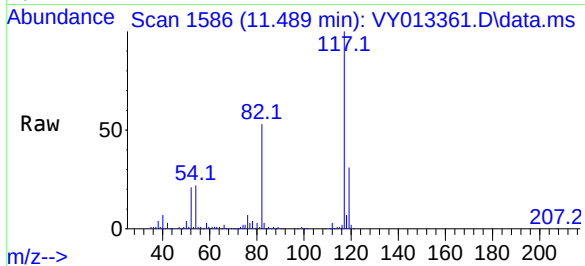




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

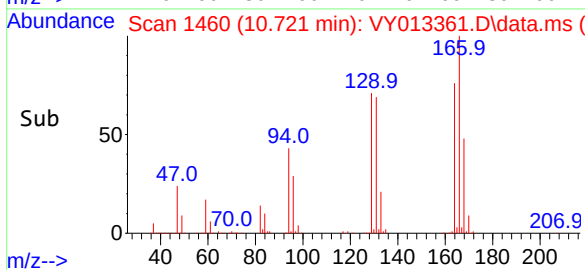
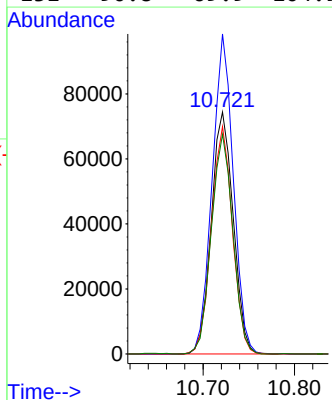
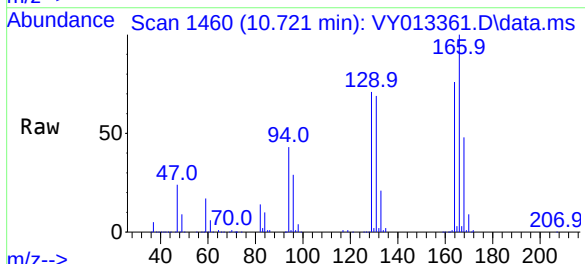
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

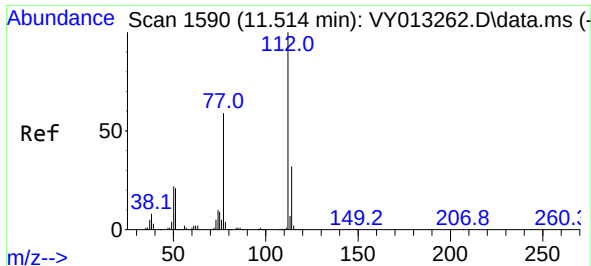
Tgt Ion:117 Resp: 324469
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 54.209 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:164 Resp: 124090
Ion Ratio Lower Upper
164 100
166 132.3 103.4 155.2
129 94.0 71.4 107.2
131 90.8 69.9 104.9

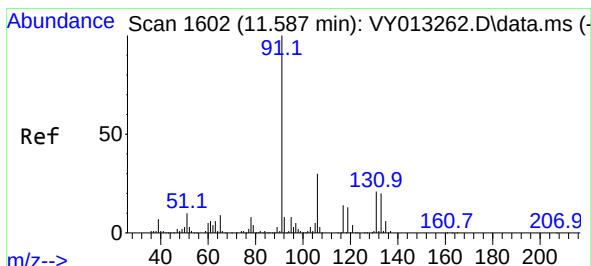
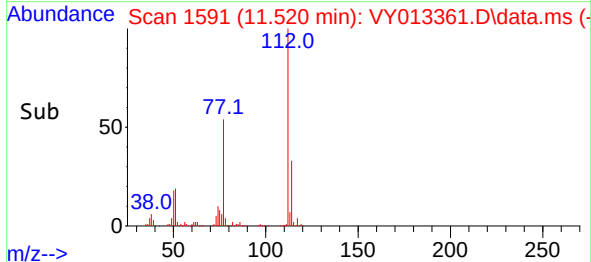
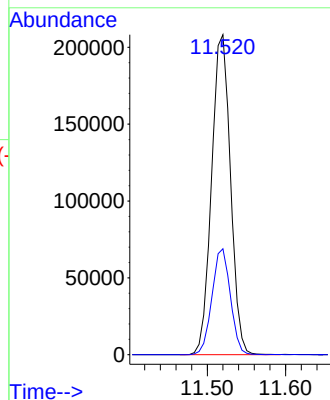
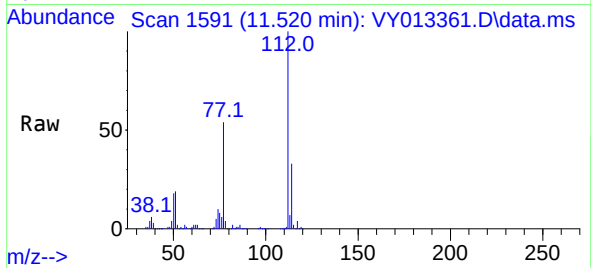




#65
Chlorobenzene
Concen: 51.406 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

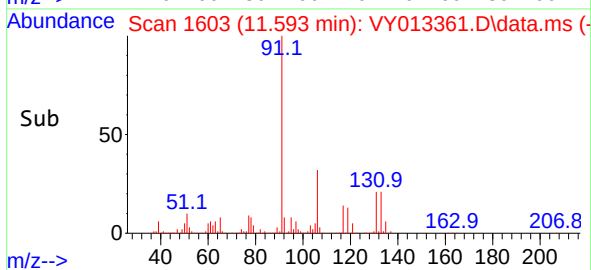
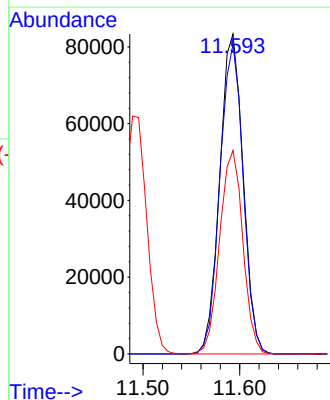
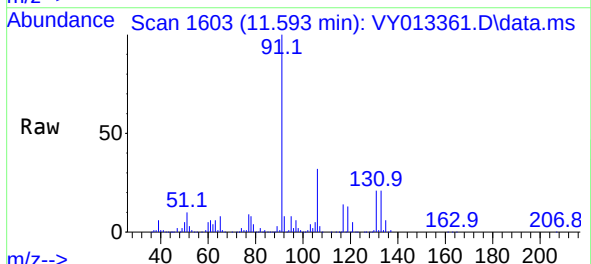
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

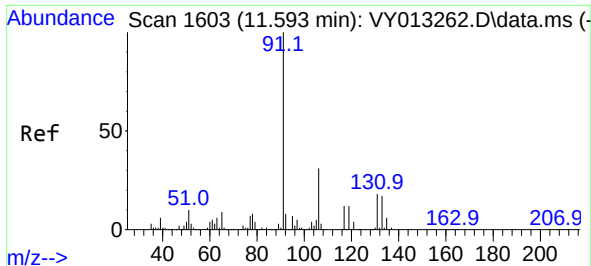
Tgt Ion:112 Resp: 348921
Ion Ratio Lower Upper
112 100
114 33.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.825 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:131 Resp: 139649
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 63.2 32.6 98.0

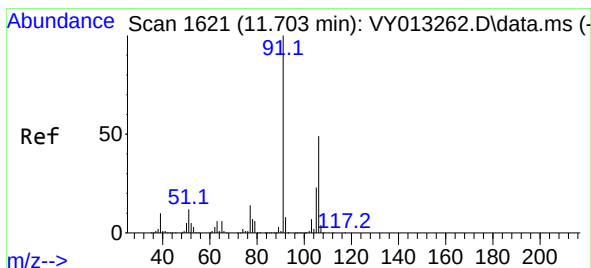
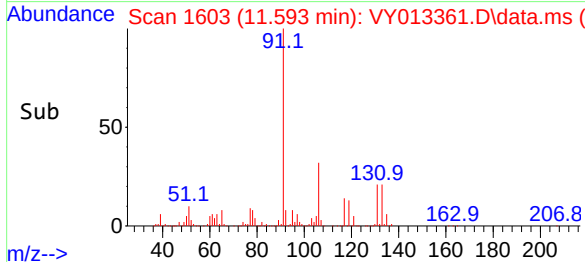
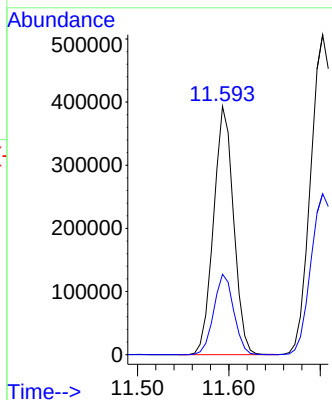
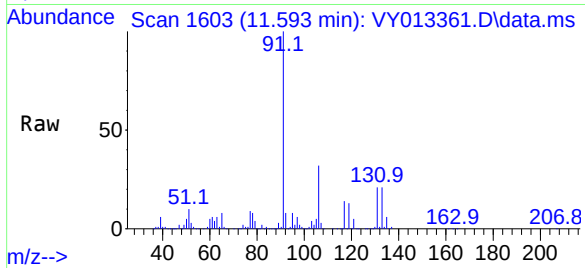




#67
Ethyl Benzene
Concen: 50.664 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

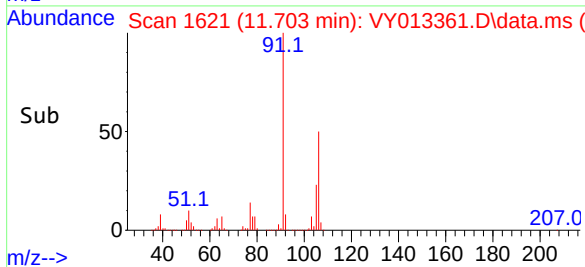
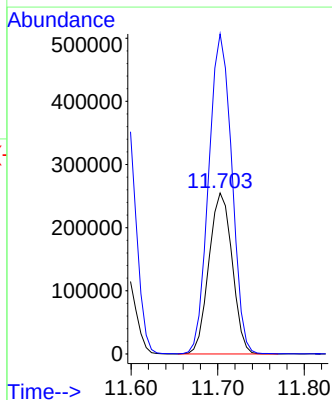
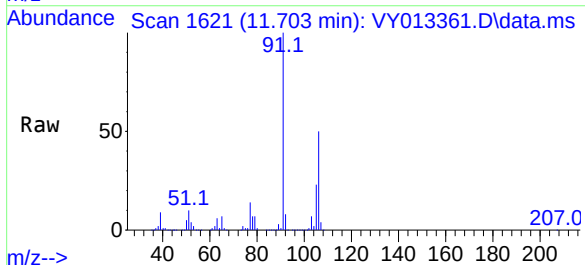
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

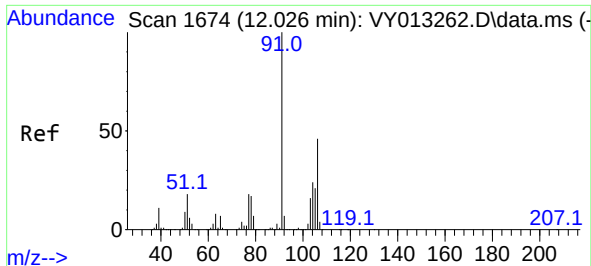
Tgt Ion: 91 Resp: 598929
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 105.081 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 106 Resp: 475293
Ion Ratio Lower Upper
106 100
91 197.7 159.8 239.8

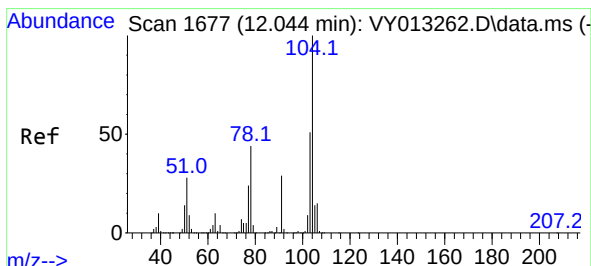
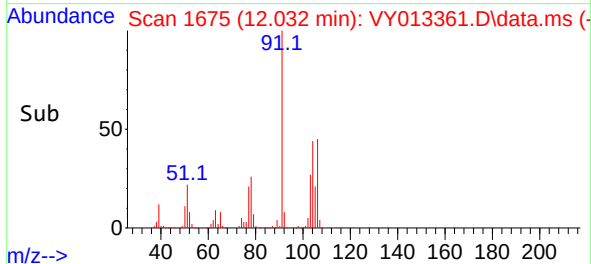
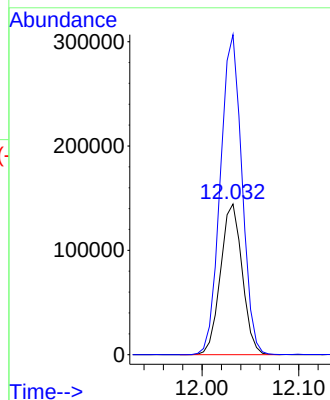
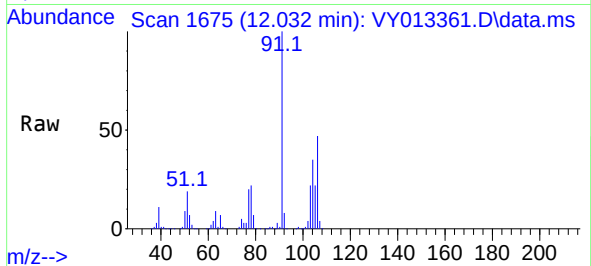




#69
o-Xylene
Concen: 53.594 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

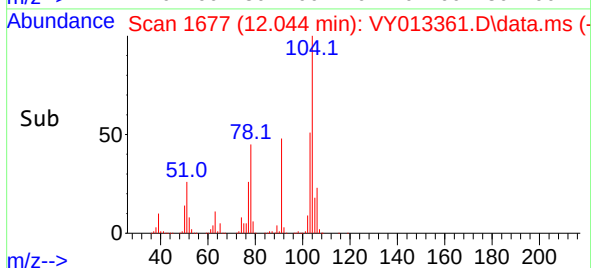
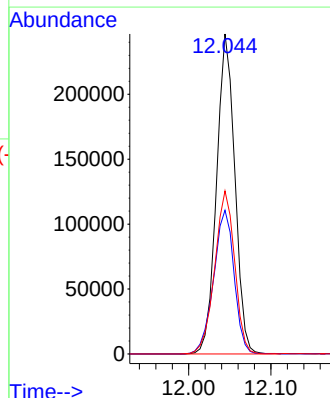
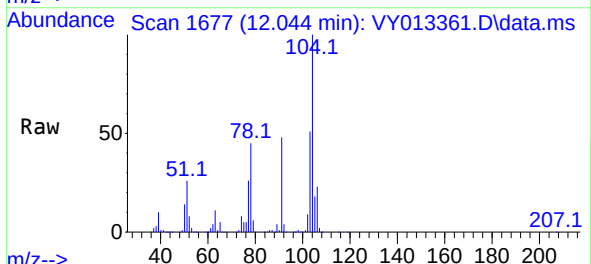
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

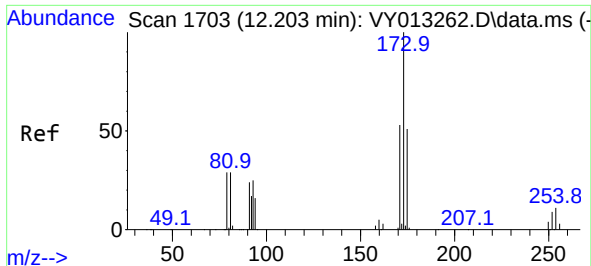
Tgt Ion:106 Resp: 224509
Ion Ratio Lower Upper
106 100
91 211.8 107.2 321.6



#70
Styrene
Concen: 53.881 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:104 Resp: 381222
Ion Ratio Lower Upper
104 100
78 50.2 39.2 58.8
103 55.6 43.7 65.5

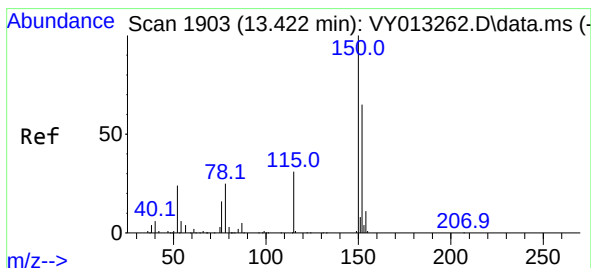
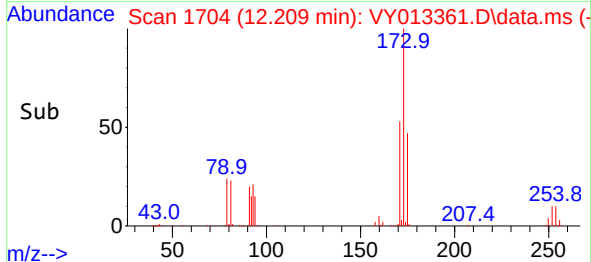
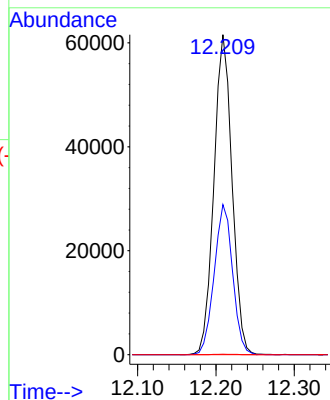
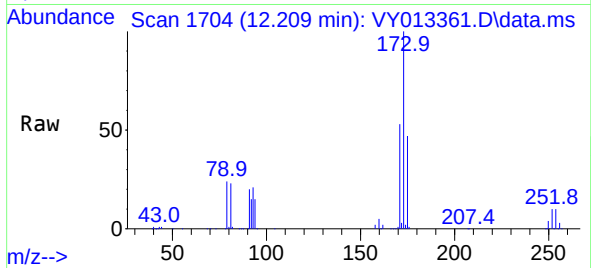




#71
Bromoform
Concen: 56.118 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

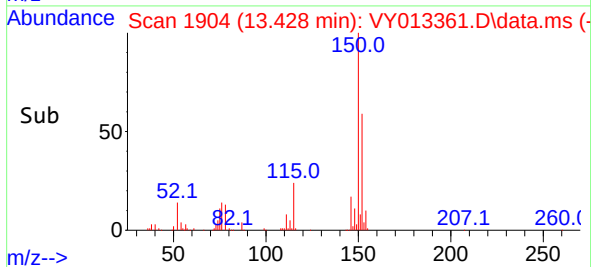
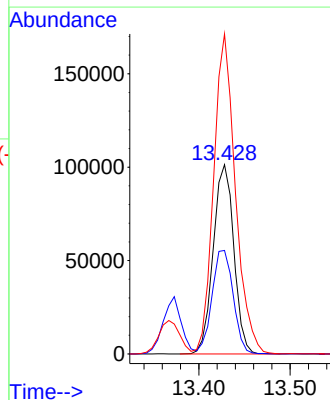
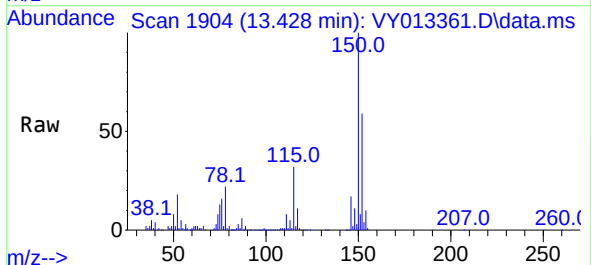
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

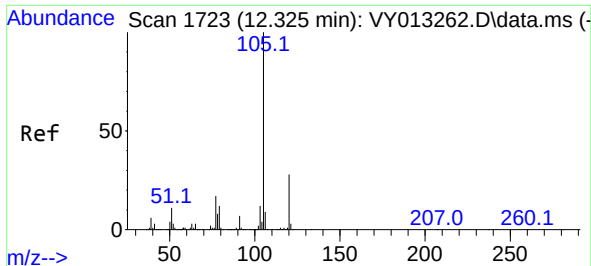
Tgt Ion:173 Resp: 99027
Ion Ratio Lower Upper
173 100
175 47.6 25.0 75.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:152 Resp: 158811
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 178.2 0.0 347.8

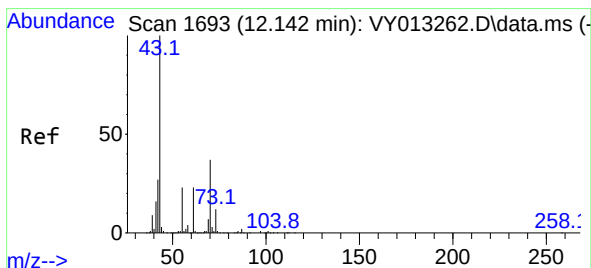
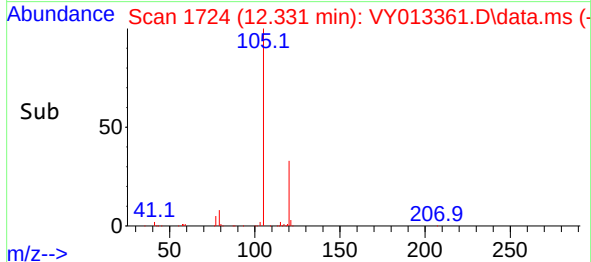
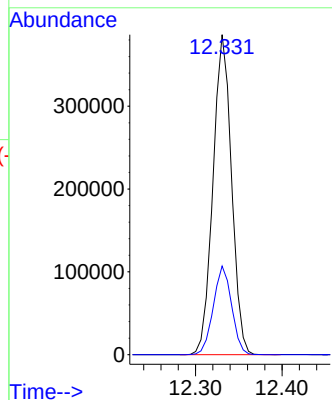
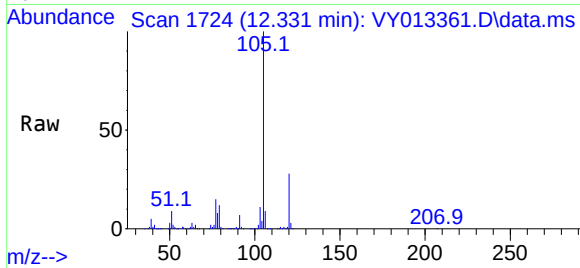




#73
Isopropylbenzene
Concen: 52.747 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

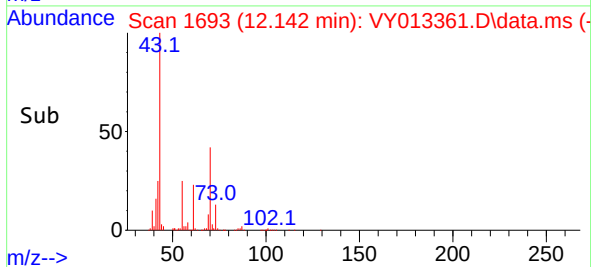
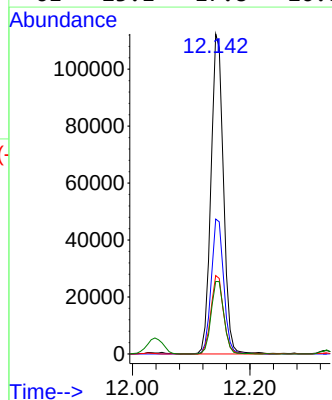
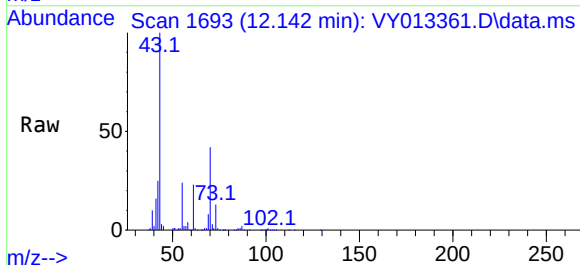
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

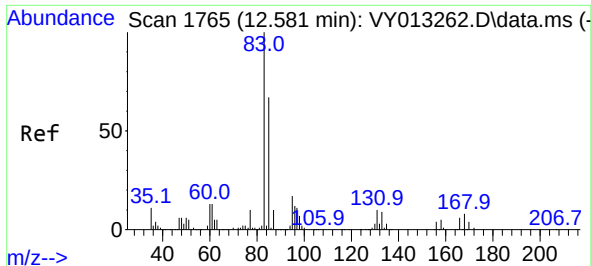
Tgt Ion:105 Resp: 574596
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 42.608 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 43 Resp: 165592
Ion Ratio Lower Upper
43 100
70 42.0 31.6 47.4
55 24.8 18.8 28.2
61 23.1 17.8 26.8

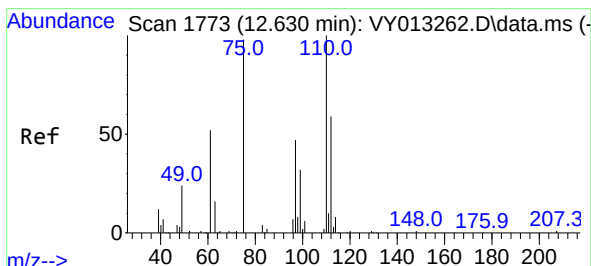
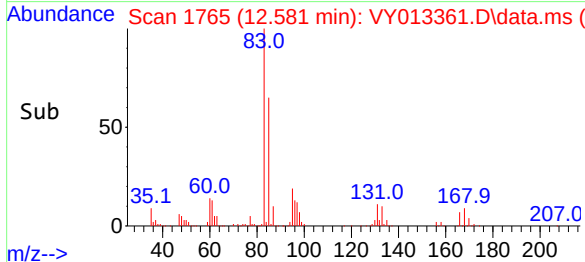
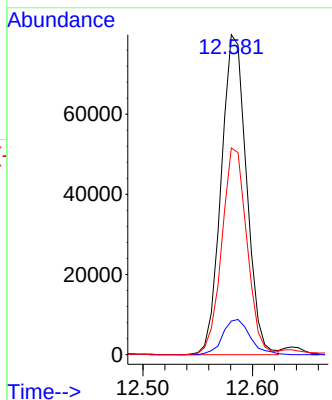
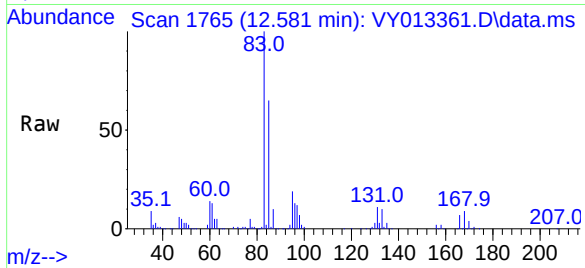




#75
1,1,2,2-Tetrachloroethane
Concen: 47.573 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

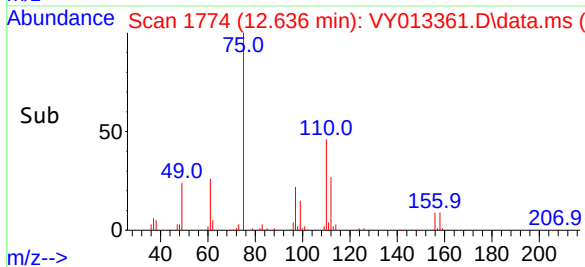
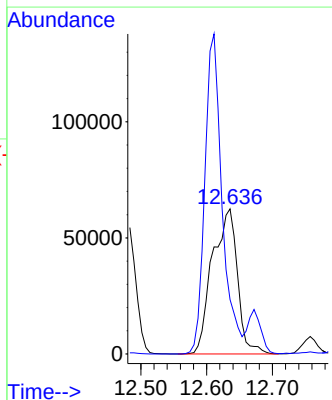
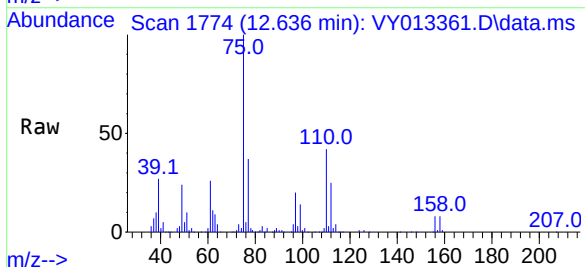
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

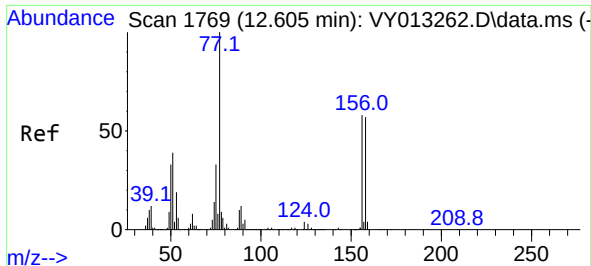
Tgt Ion: 83 Resp: 128021
Ion Ratio Lower Upper
83 100
131 11.9 5.1 15.2
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 84.006 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 75 Resp: 166240
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

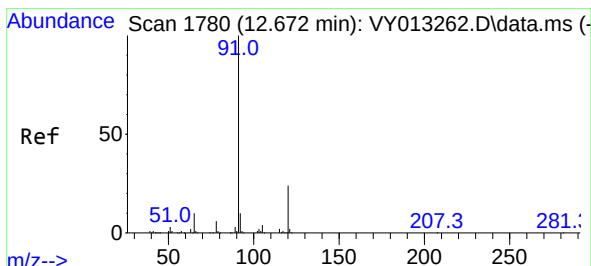
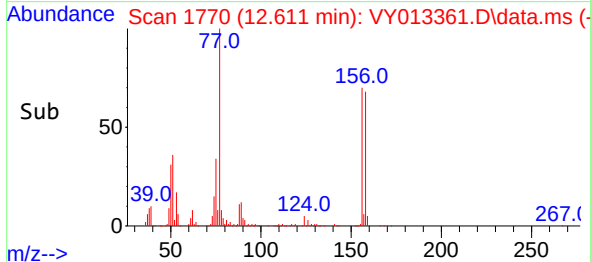
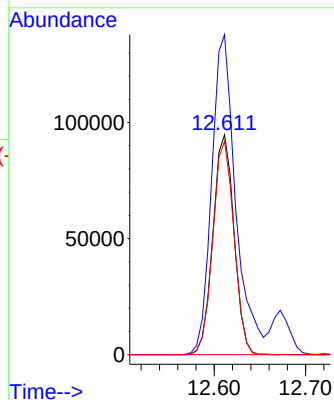
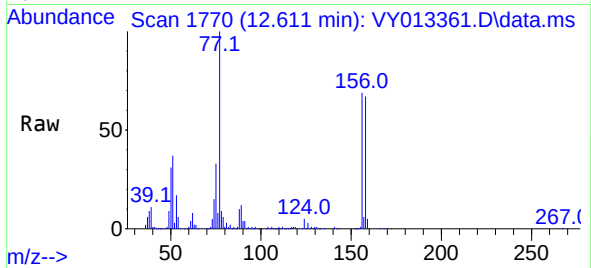




#77
Bromobenzene
Concen: 55.721 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

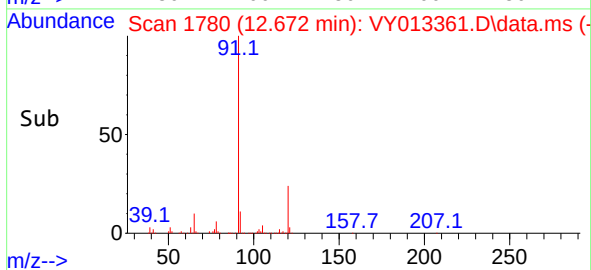
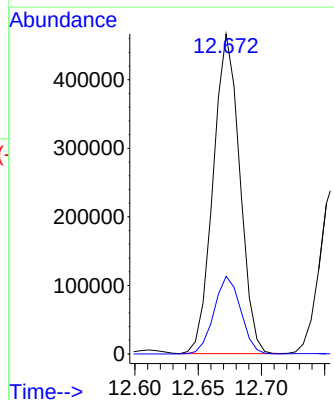
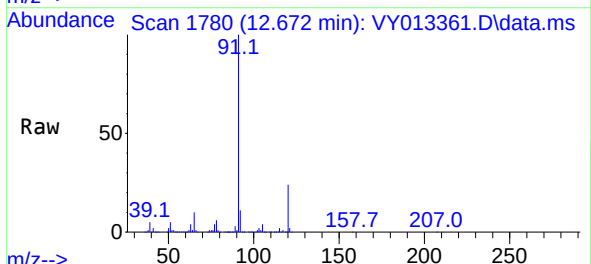
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

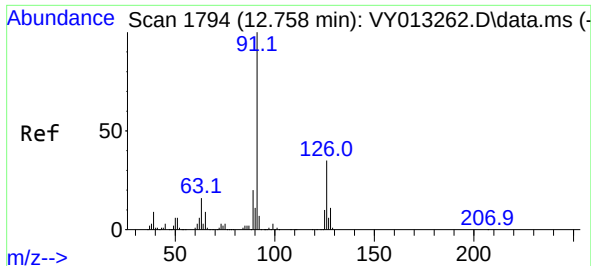
Tgt Ion:156 Resp: 151790
Ion Ratio Lower Upper
156 100
77 165.8 94.0 282.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 50.625 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 91 Resp: 681089
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8

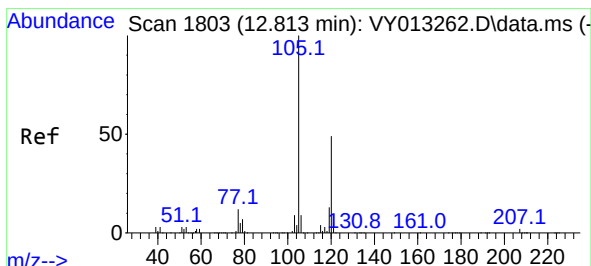
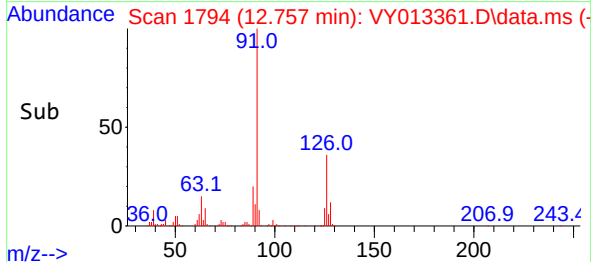
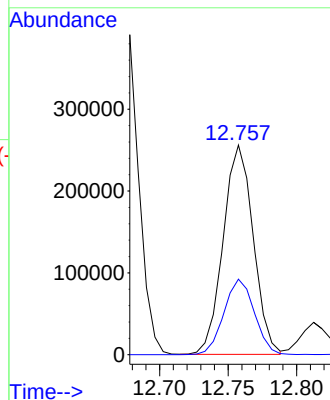
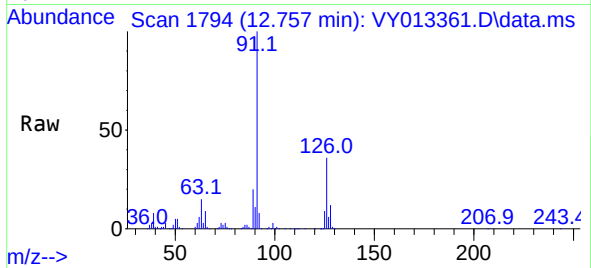




#79
2-Chlorotoluene
Concen: 51.674 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

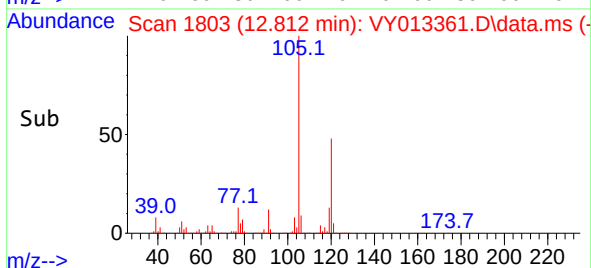
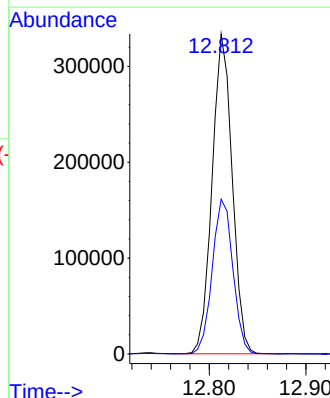
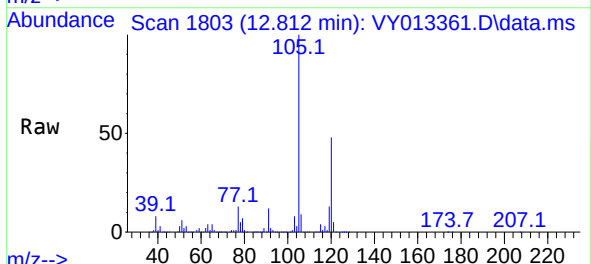
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

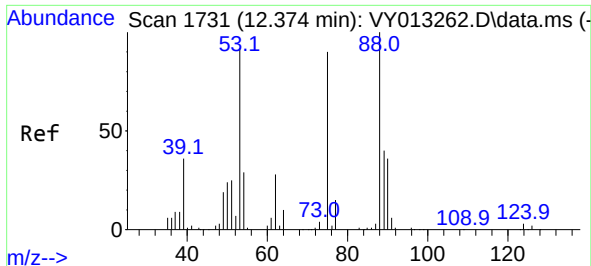
Tgt Ion: 91 Resp: 391325
Ion Ratio Lower Upper
91 100
126 36.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.692 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:105 Resp: 480789
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

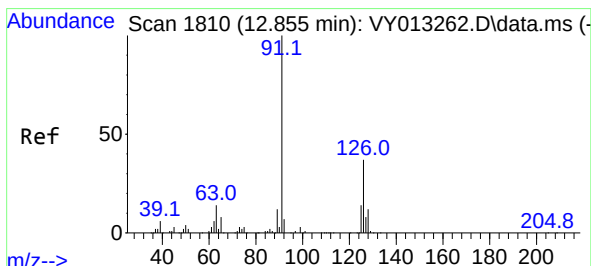
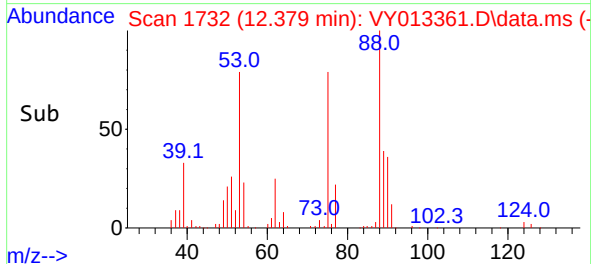
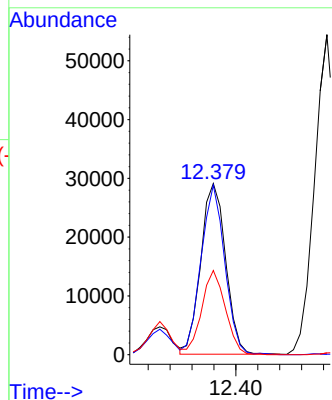
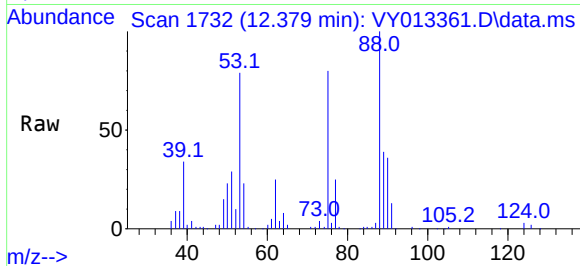




#81
trans-1,4-Dichloro-2-butene
Concen: 47.945 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

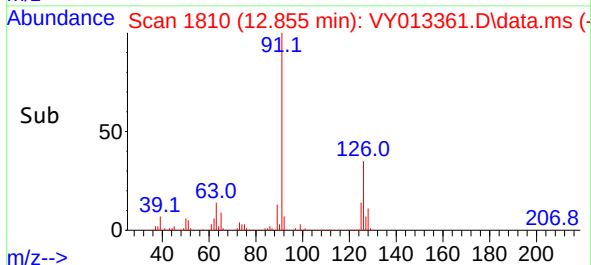
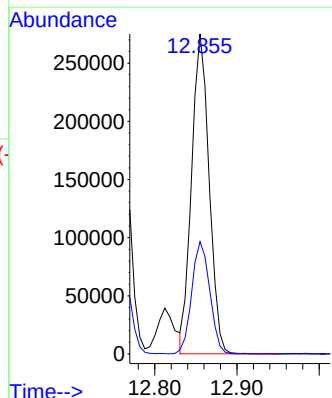
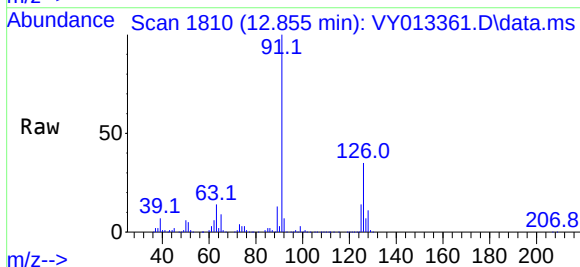
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

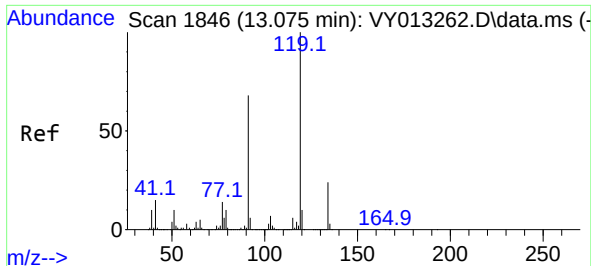
Tgt Ion: 75 Resp: 45714
Ion Ratio Lower Upper
75 100
53 95.4 73.4 110.0
89 46.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.971 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 91 Resp: 406944
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1

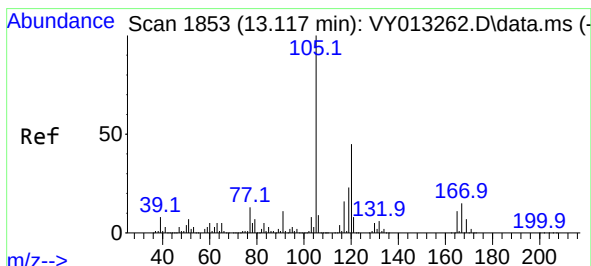
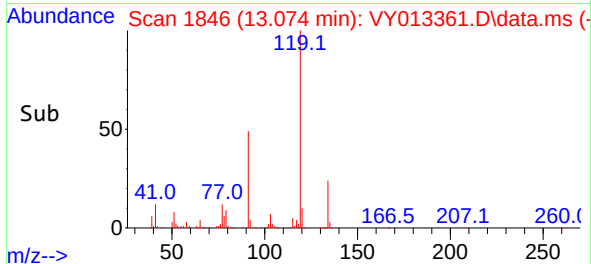
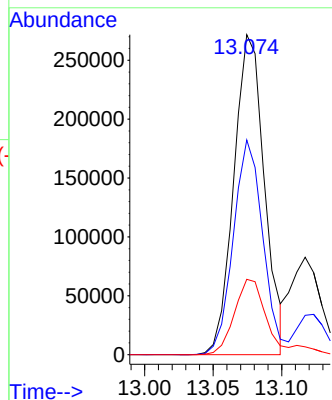
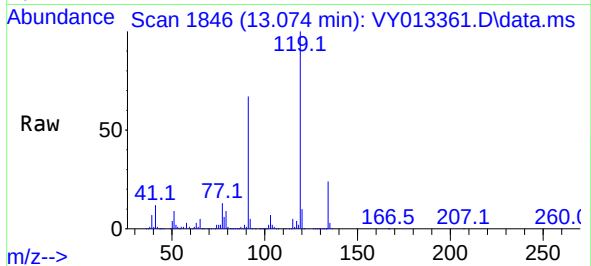




#83
tert-Butylbenzene
Concen: 54.102 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

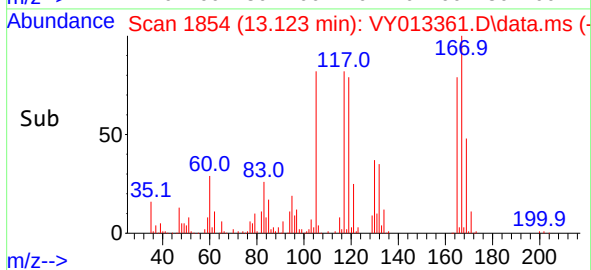
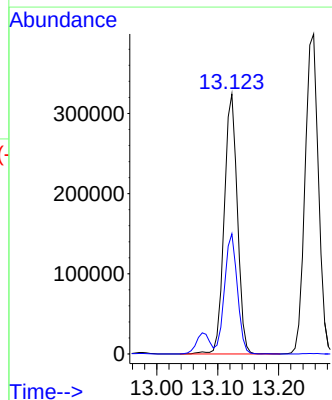
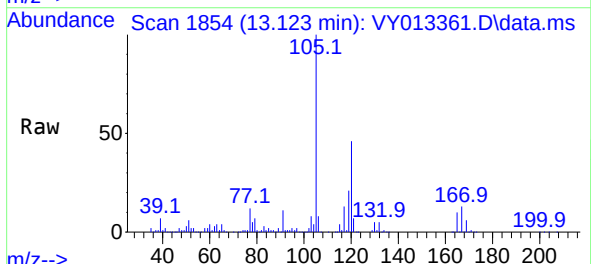
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

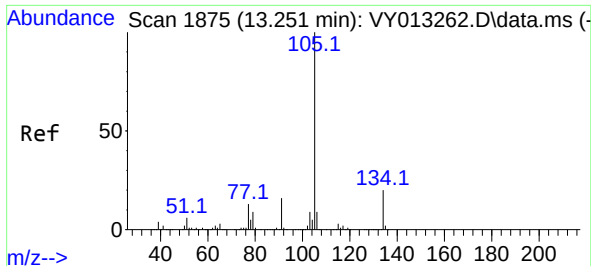
Tgt Ion:119 Resp: 423589
Ion Ratio Lower Upper
119 100
91 64.9 32.8 98.3
134 25.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.862 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:105 Resp: 487189
Ion Ratio Lower Upper
105 100
120 45.1 23.0 69.0

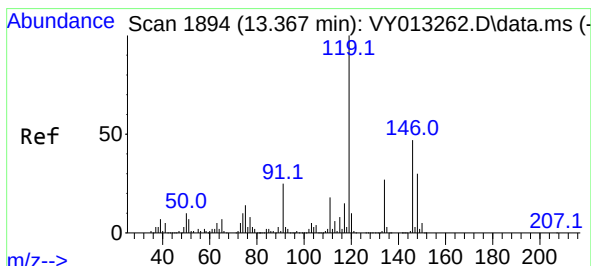
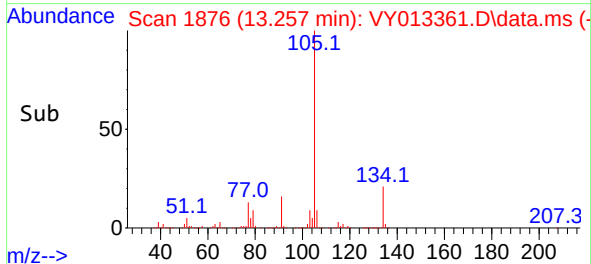
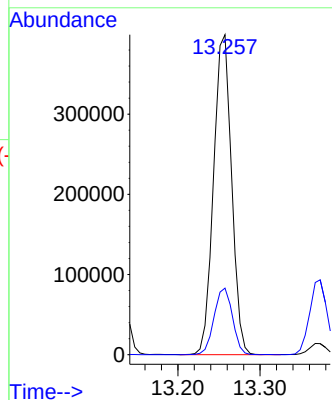
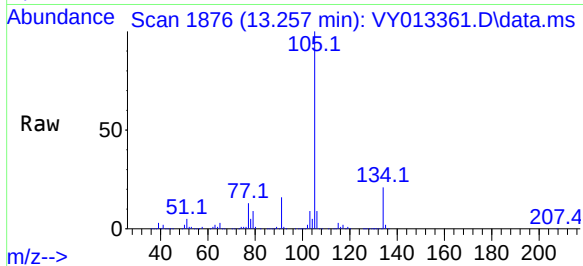




#85
 sec-Butylbenzene
 Concen: 51.855 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY013361.D
 Acq: 20 Apr 2023 10:46

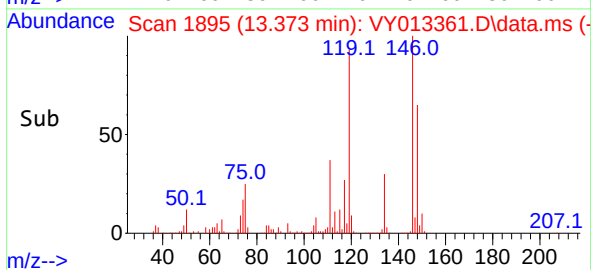
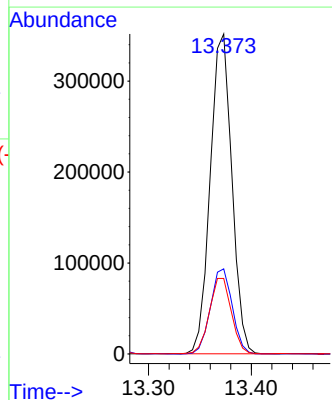
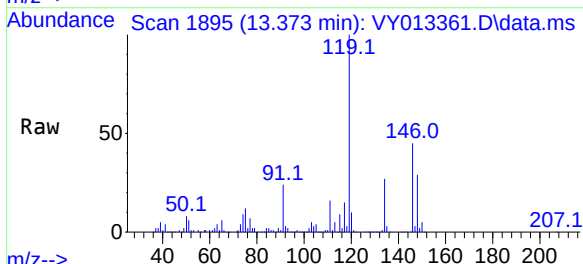
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

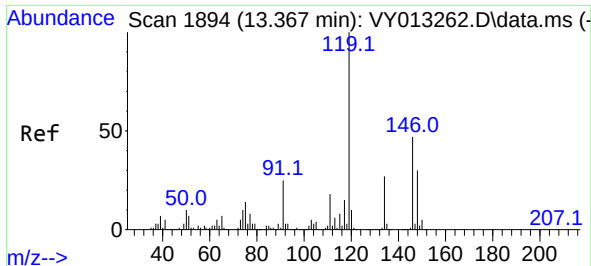
Tgt Ion:105 Resp: 607142
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 53.408 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013361.D
 Acq: 20 Apr 2023 10:46

Tgt Ion:119 Resp: 513129
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 24.2 11.8 35.3

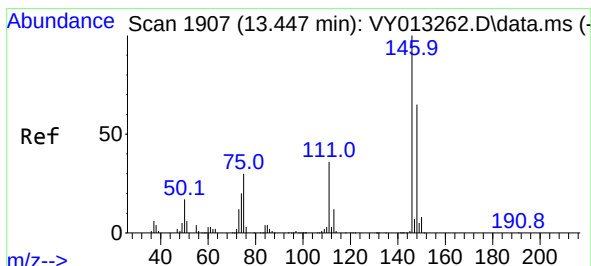
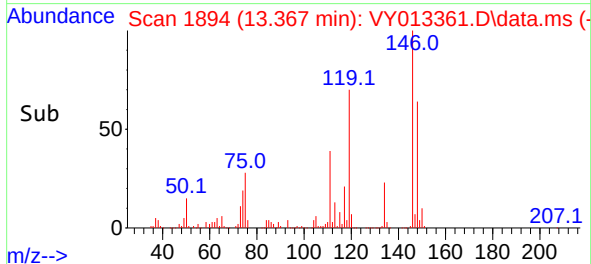
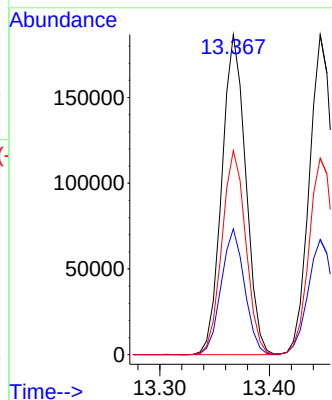
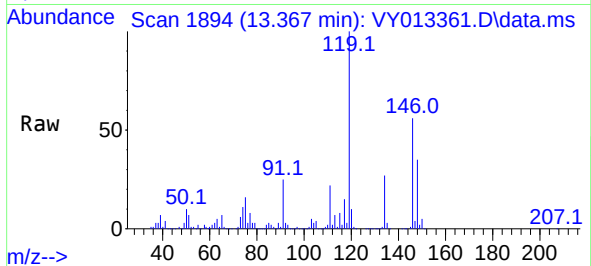




#87
1,3-Dichlorobenzene
Concen: 53.847 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

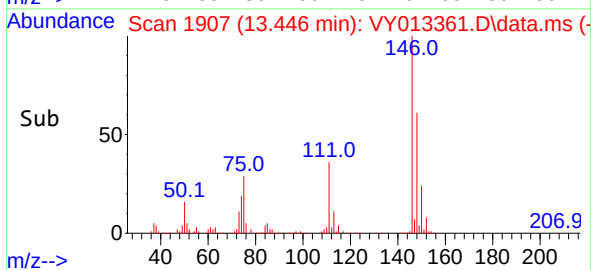
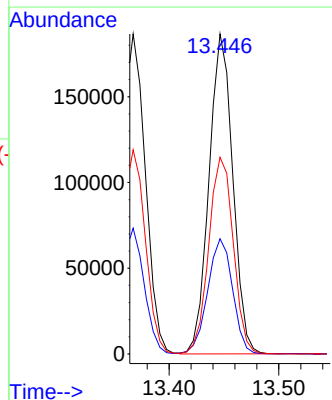
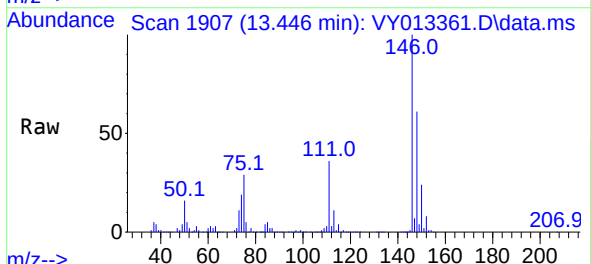
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

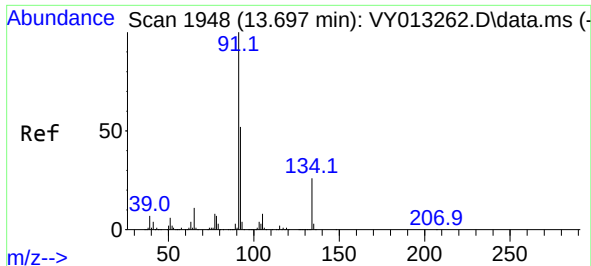
Tgt Ion:146 Resp: 282758
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.5
148 63.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 52.981 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:146 Resp: 281143
Ion Ratio Lower Upper
146 100
111 37.7 18.6 55.8
148 63.7 31.5 94.5

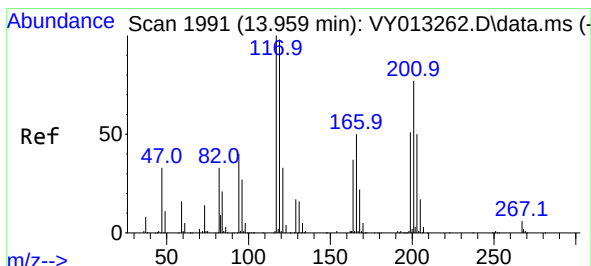
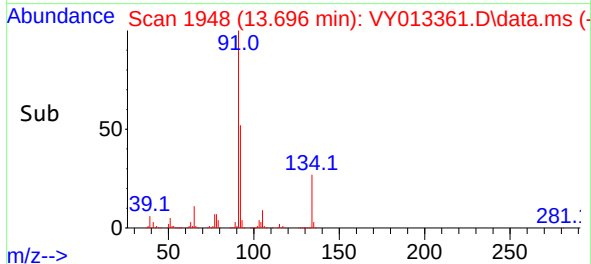
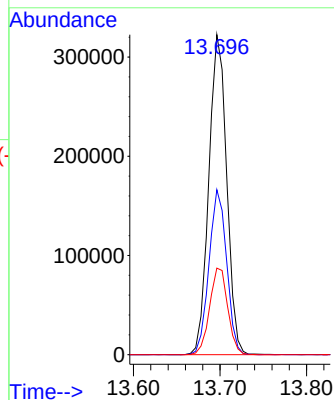
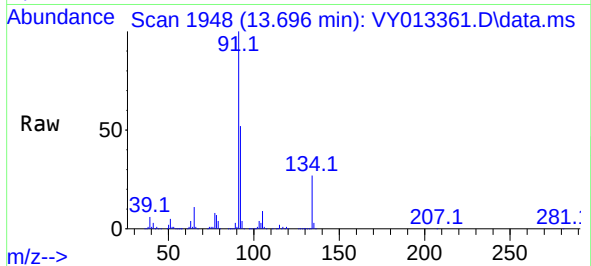




#89
n-Butylbenzene
Concen: 50.282 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

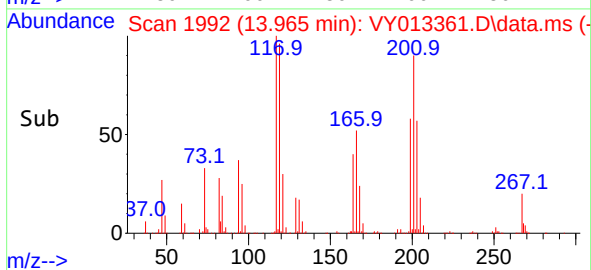
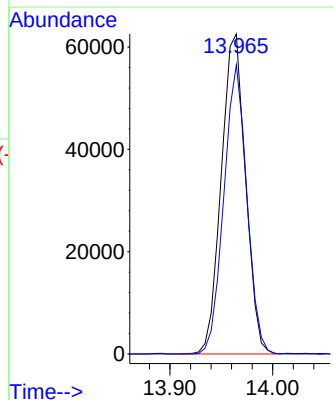
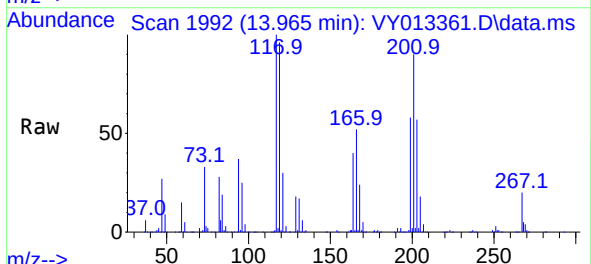
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

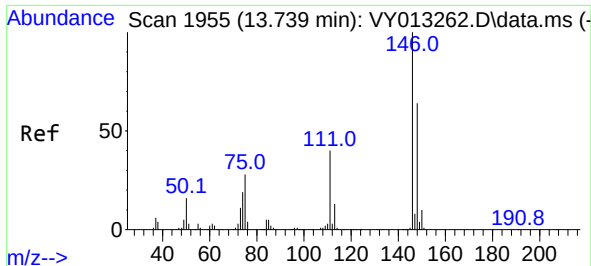
Tgt Ion: 91 Resp: 462051
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 27.5 13.0 38.9



#90
Hexachloroethane
Concen: 51.151 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion: 117 Resp: 102470
Ion Ratio Lower Upper
117 100
201 85.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 53.453 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

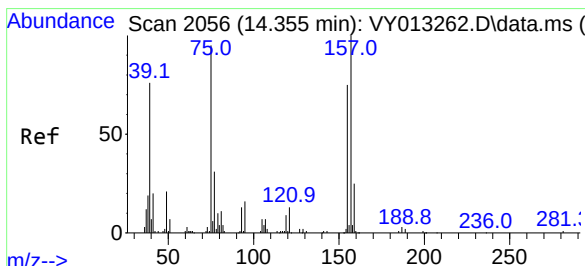
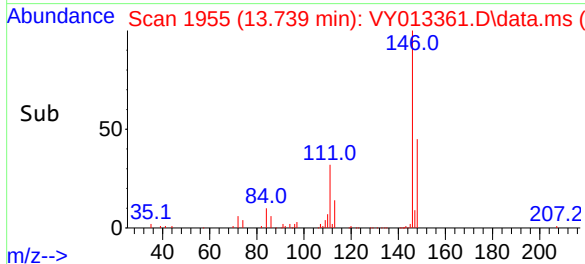
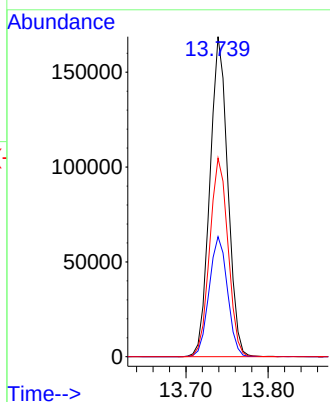
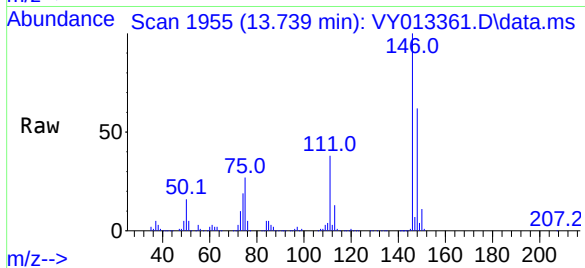
Tgt Ion:146 Resp: 255417

Ion Ratio Lower Upper

146 100

111 38.4 19.7 59.1

148 63.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.030 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013361.D

Acq: 20 Apr 2023 10:46

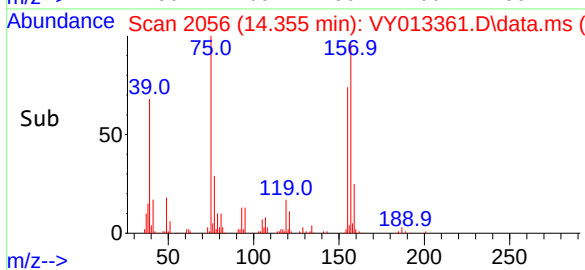
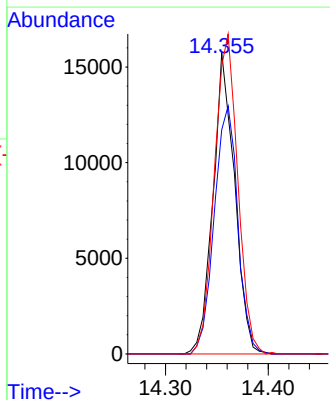
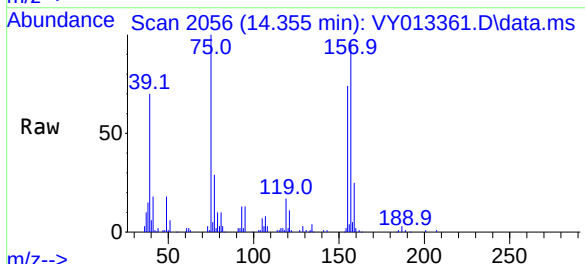
Tgt Ion: 75 Resp: 22983

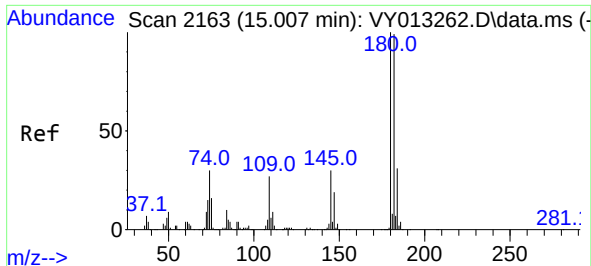
Ion Ratio Lower Upper

75 100

155 89.6 43.8 131.4

157 114.5 54.1 162.3

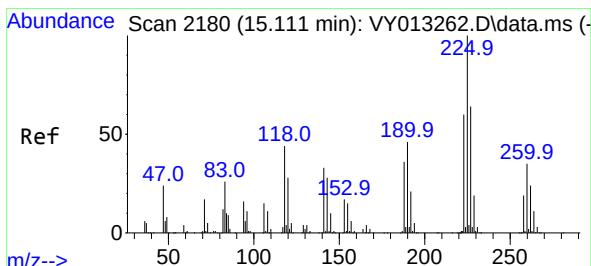
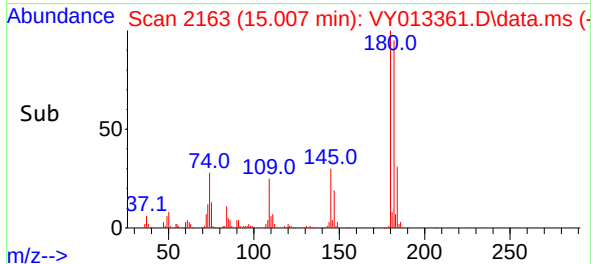
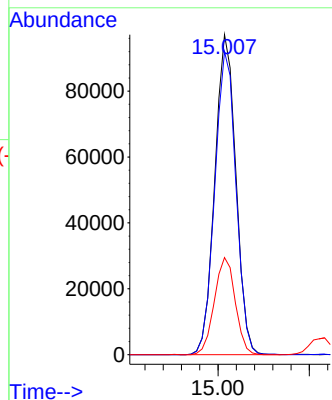
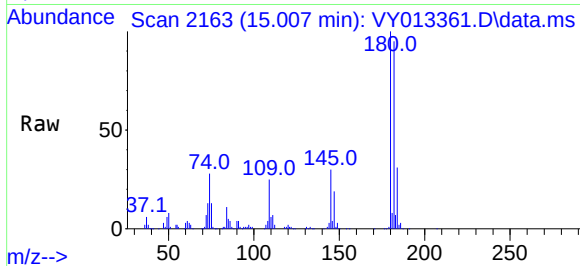




#93
1,2,4-Trichlorobenzene
Concen: 54.631 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

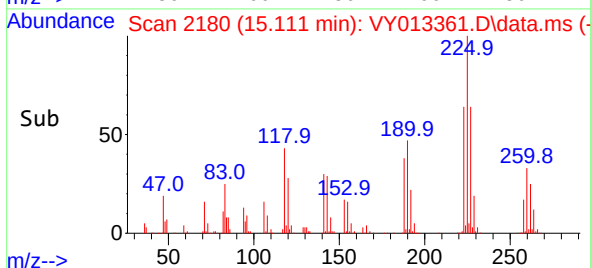
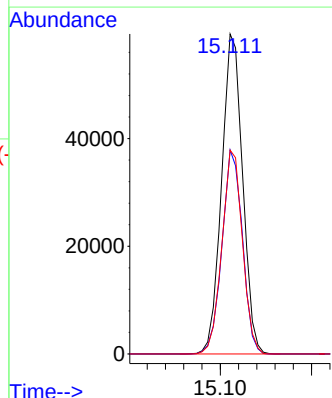
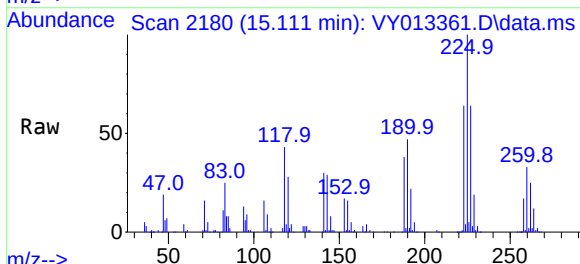
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

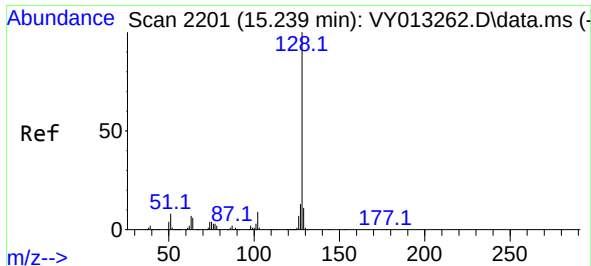
Tgt Ion:180 Resp: 155150
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.1
145 30.1 14.6 43.8



#94
Hexachlorobutadiene
Concen: 56.288 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:225 Resp: 94659
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.3
227 62.4 32.4 97.0

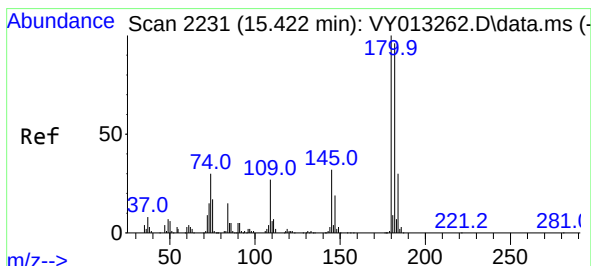
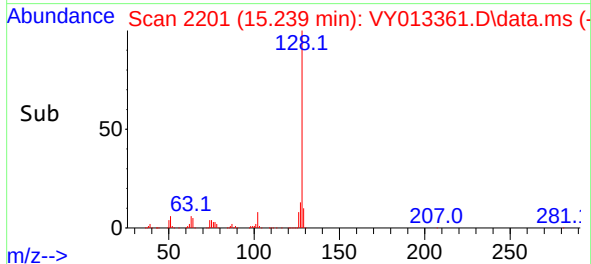
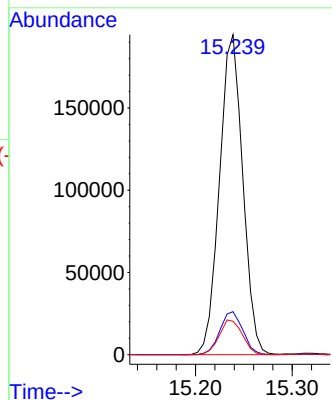
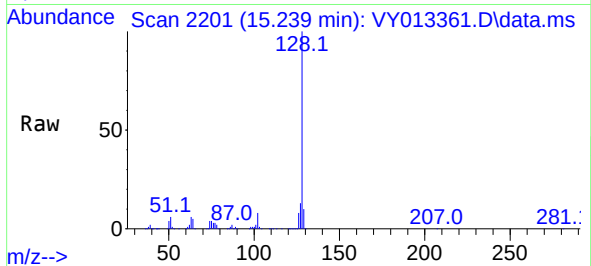




#95
Naphthalene
Concen: 46.865 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 324867
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.942 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013361.D
Acq: 20 Apr 2023 10:46

Tgt Ion:180 Resp: 139567
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.3 15.3 45.8

