

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014048.D
 Acq On : 07 Jun 2023 10:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 08 02:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	232353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146599	47.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.716	113	122112	55.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.179	98	450237	53.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.483	95	160506	55.771	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102284	50.031	ug/l	95
3) Chloromethane	2.113	50	123813	43.726	ug/l	100
4) Vinyl Chloride	2.253	62	123919	47.241	ug/l	98
5) Bromomethane	2.656	94	93055	40.740	ug/l	97
6) Chloroethane	2.796	64	83404	44.428	ug/l	96
7) Trichlorofluoromethane	3.125	101	224035	54.027	ug/l	97
8) Diethyl Ether	3.527	74	73447	45.179	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	122014	57.278	ug/l	98
10) Methyl Iodide	4.088	142	138850	47.295	ug/l	98
11) Tert butyl alcohol	4.960	59	83646	132.322	ug/l #	98
12) 1,1-Dichloroethene	3.875	96	112853	50.527	ug/l	95
13) Acrolein	3.729	56	43430	150.026	ug/l	96
14) Allyl chloride	4.478	41	209188	48.261	ug/l	98
15) Acrylonitrile	5.161	53	218626	242.346	ug/l	99
16) Acetone	3.948	43	260246	247.304	ug/l	98
17) Carbon Disulfide	4.192	76	300651	39.808	ug/l	98
18) Methyl Acetate	4.478	43	170512	44.848	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	368660	51.017	ug/l	97
20) Methylene Chloride	4.716	84	140763	49.405	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	129778	51.298	ug/l	98
22) Diisopropyl ether	6.118	45	470940	56.051	ug/l	94
23) Vinyl Acetate	6.057	43	1366002	259.209	ug/l	100
24) 1,1-Dichloroethane	6.015	63	252819	53.909	ug/l	98
25) 2-Butanone	6.984	43	316381	241.330	ug/l	97
26) 2,2-Dichloropropane	6.978	77	232087	54.531	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	153057	52.842	ug/l	100
28) Bromochloromethane	7.332	49	104942	47.382	ug/l	99
29) Tetrahydrofuran	7.344	42	181325	222.418	ug/l	99
30) Chloroform	7.502	83	259784	52.759	ug/l	95
31) Cyclohexane	7.783	56	174821	47.202	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	228087	54.610	ug/l	99
36) 1,1-Dichloropropene	7.917	75	175384	55.625	ug/l	100
37) Ethyl Acetate	7.069	43	130685	47.540	ug/l	100
38) Carbon Tetrachloride	7.899	117	210214	59.497	ug/l	98
39) Methylcyclohexane	9.185	83	190428	56.573	ug/l	99
40) Benzene	8.161	78	527982	54.283	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	175444	138.087	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	188332	52.805	ug/l	99
43) Isopropyl Acetate	8.270	43	225495	48.716	ug/l	98
44) Trichloroethene	8.935	130	139325	54.700	ug/l	100
45) 1,2-Dichloropropane	9.215	63	138719	55.266	ug/l	94
46) Dibromomethane	9.307	93	85571	53.252	ug/l	97
47) Bromodichloromethane	9.496	83	206072	56.928	ug/l	99
48) Methyl methacrylate	9.295	41	105292	49.977	ug/l	99
49) 1,4-Dioxane	9.307	88	22770	974.386	ug/l #	44
51) 4-Methyl-2-Pentanone	10.069	43	656539	251.121	ug/l	99
52) Toluene	10.246	92	331936	55.708	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	211587	54.415	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	227436	54.784	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	118608	55.987	ug/l	93
56) Ethyl methacrylate	10.508	69	160651	52.816	ug/l	98
57) 1,3-Dichloropropane	10.788	76	195892	54.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	369958	247.460	ug/l	99
59) 2-Hexanone	10.831	43	492382	260.090	ug/l	99
60) Dibromochloromethane	10.983	129	149332	55.772	ug/l	99
61) 1,2-Dibromoethane	11.087	107	110337	51.838	ug/l	100
64) Tetrachloroethene	10.721	164	124201	55.950	ug/l	98
65) Chlorobenzene	11.514	112	366087	55.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	148954	57.557	ug/l	99
67) Ethyl Benzene	11.593	91	658510	57.229	ug/l	100
68) m/p-Xylenes	11.703	106	503255	114.497	ug/l	99
69) o-Xylene	12.032	106	239753	56.926	ug/l	100
70) Styrene	12.044	104	417986	57.780	ug/l	100
71) Bromoform	12.209	173	104099	54.562	ug/l #	99
73) Isopropylbenzene	12.331	105	640007	56.289	ug/l	99
74) N-amyl acetate	12.142	43	210769	48.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	146886	49.429	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	195268	84.235	ug/l #	100
77) Bromobenzene	12.611	156	163660	53.246	ug/l	97
78) n-propylbenzene	12.672	91	796033	57.125	ug/l	99
79) 2-Chlorotoluene	12.757	91	444952	53.936	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	547533	56.186	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	52363	47.921	ug/l	100
82) 4-Chlorotoluene	12.855	91	474324	54.670	ug/l	99
83) tert-Butylbenzene	13.074	119	460515	56.432	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	545155	56.009	ug/l	100
85) sec-Butylbenzene	13.251	105	695498	58.609	ug/l	99
86) p-Isopropyltoluene	13.367	119	585723	58.474	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	313519	53.711	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	309458	52.409	ug/l	99
89) n-Butylbenzene	13.696	91	554368	58.655	ug/l	100
90) Hexachloroethane	13.958	117	116652	55.488	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	287552	53.474	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27425	47.849	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	180041	54.464	ug/l	98
94) Hexachlorobutadiene	15.111	225	108445	61.589	ug/l	97
95) Naphthalene	15.239	128	375779	46.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	162760	54.058	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

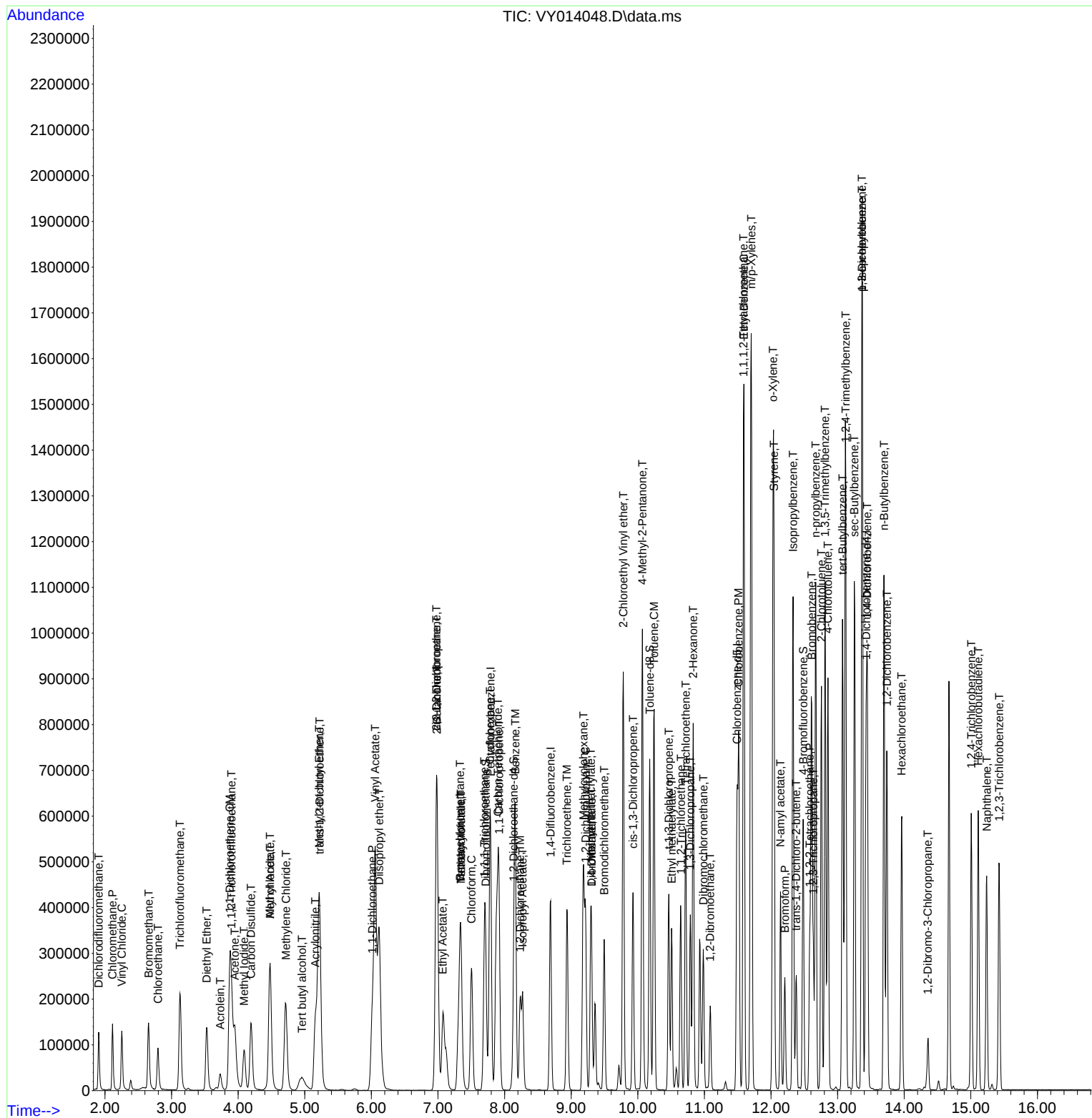
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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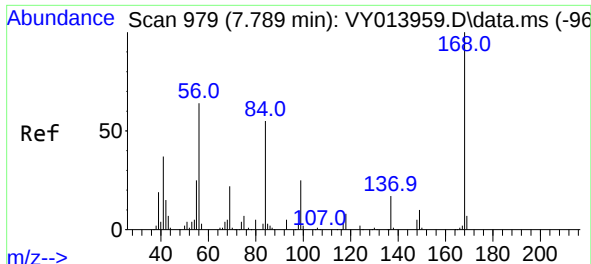
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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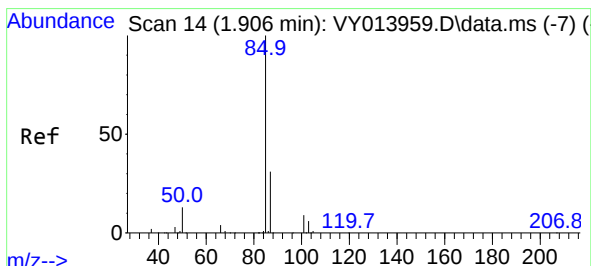
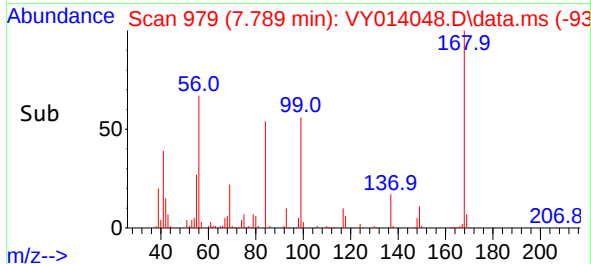
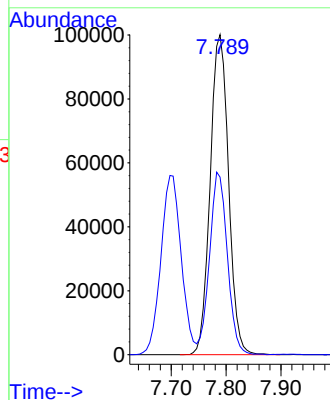
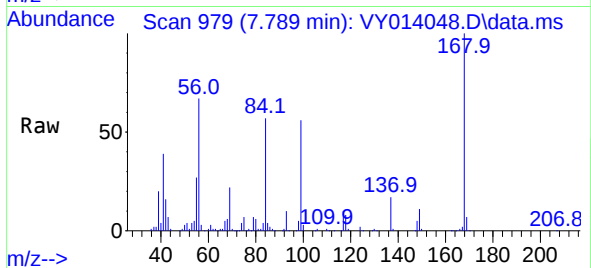




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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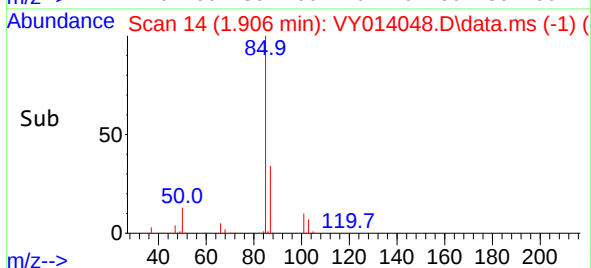
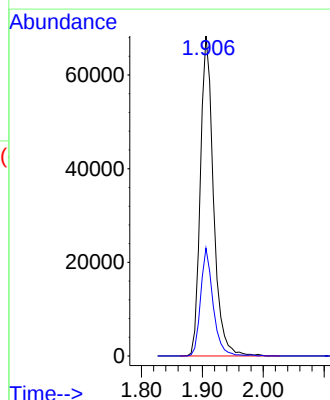
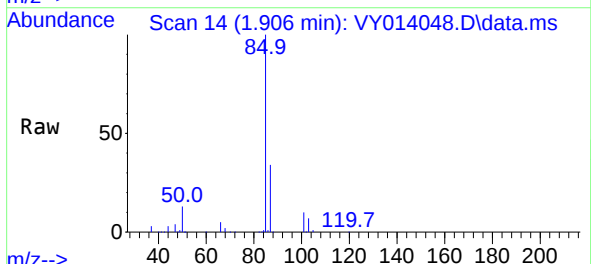
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 232353
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

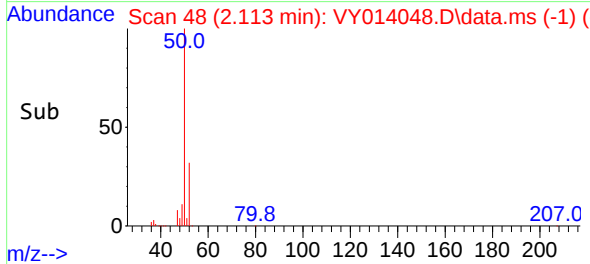
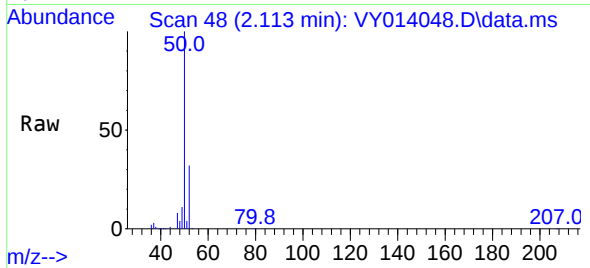
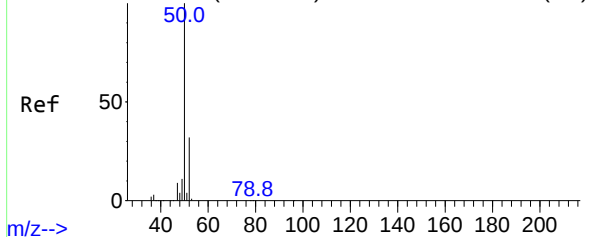


#2
Dichlorodifluoromethane
Concen: 50.031 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 85 Resp: 102284
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8



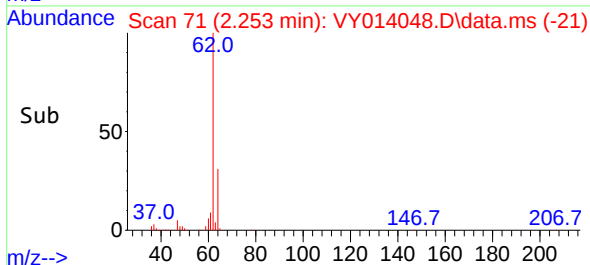
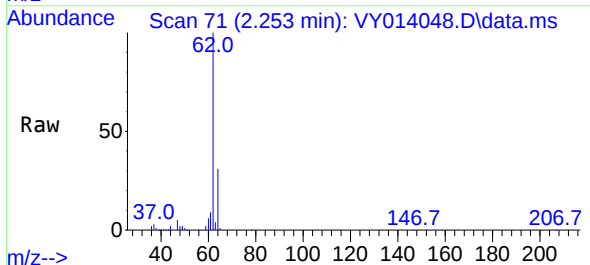
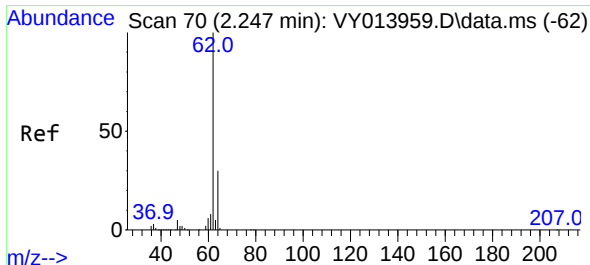
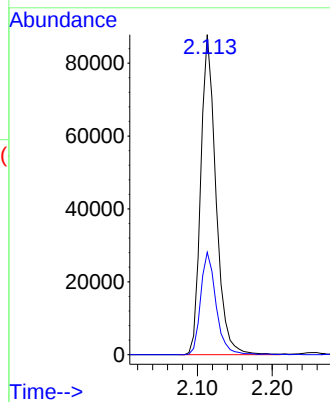
Abundance Scan 47 (2.107 min): VY013959.D\data.ms (-41)



#3
Chloromethane
Concen: 43.726 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

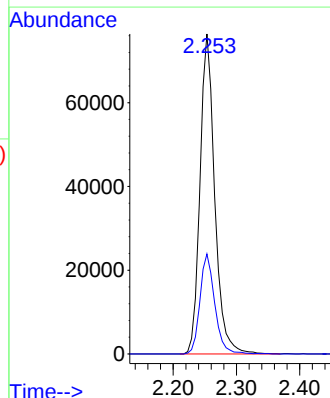
Instrument :
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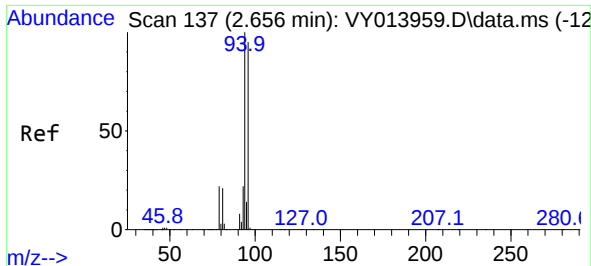
Tgt Ion: 50 Resp: 123813
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 47.241 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 62 Resp: 123919
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5

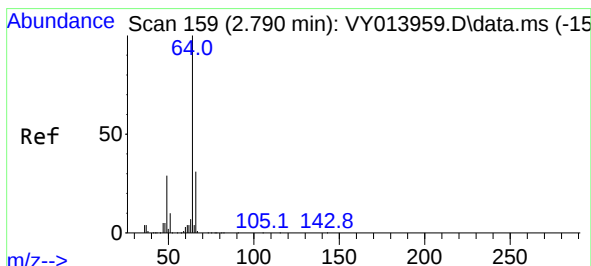
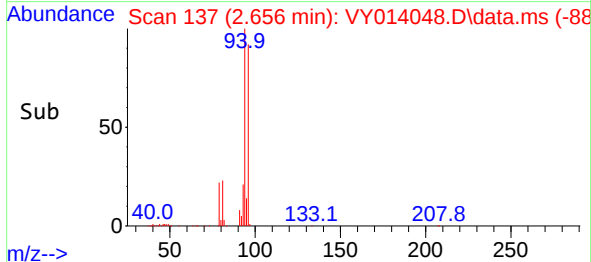
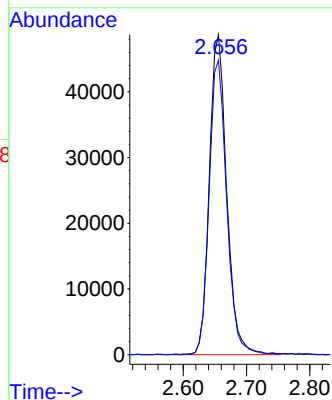
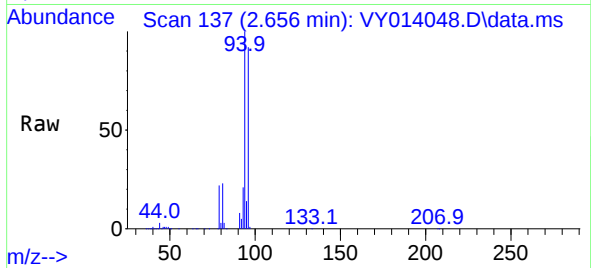




#5
Bromomethane
Concen: 40.740 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
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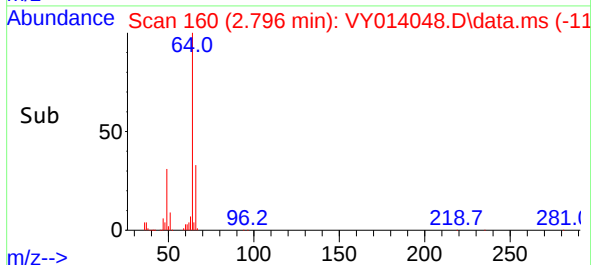
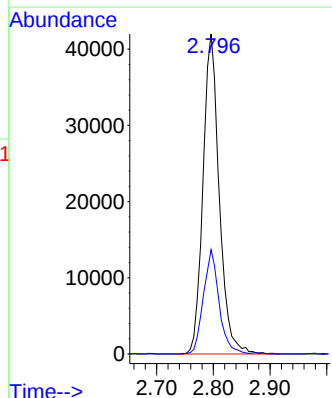
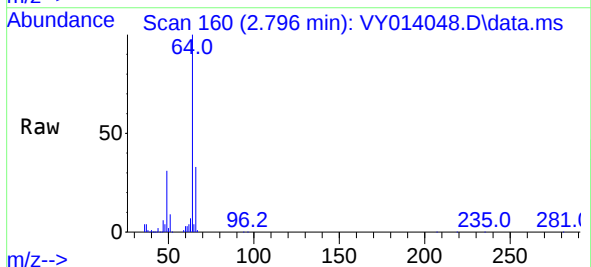
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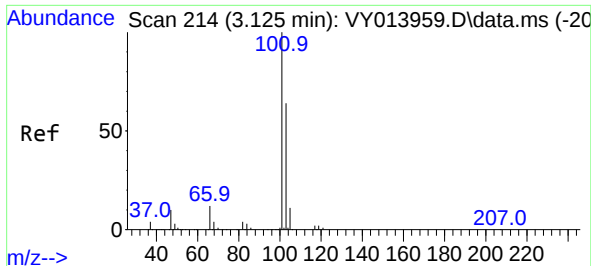
Tgt Ion: 94 Resp: 93055
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6



#6
Chloroethane
Concen: 44.428 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 64 Resp: 83404
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

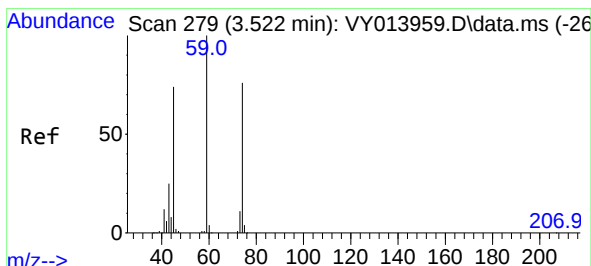
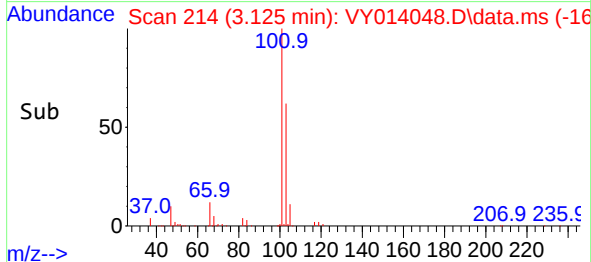
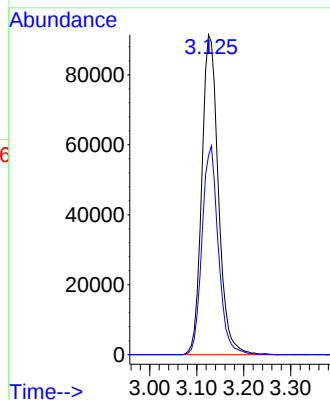
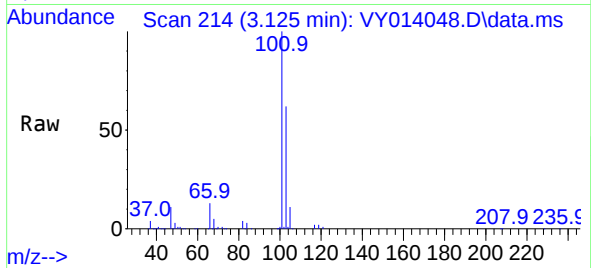




#7
 Trichlorofluoromethane
 Concen: 54.027 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY014048.D
 Acq: 07 Jun 2023 10:01

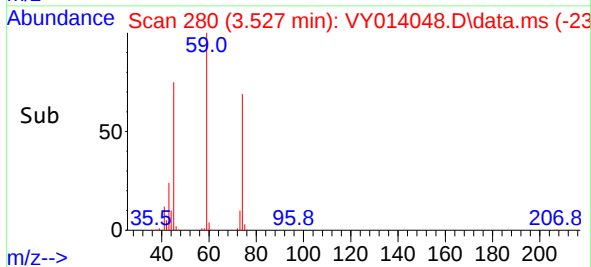
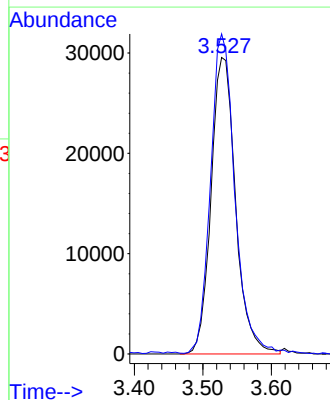
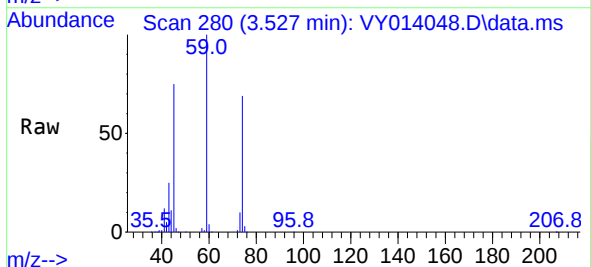
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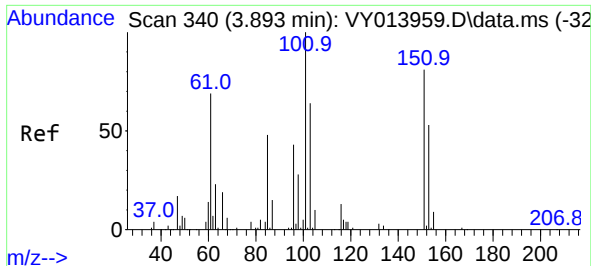
Tgt Ion:101 Resp: 224035
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 45.179 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY014048.D
 Acq: 07 Jun 2023 10:01

Tgt Ion: 74 Resp: 73447
 Ion Ratio Lower Upper
 74 100
 45 108.0 51.5 154.5

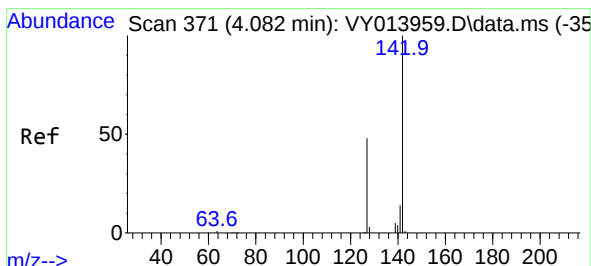
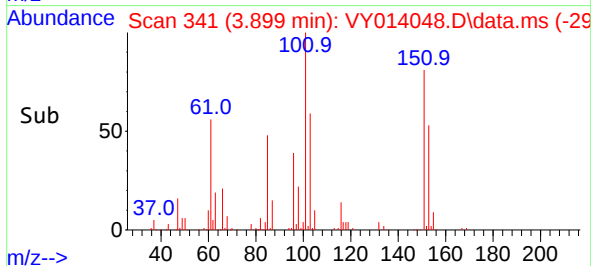
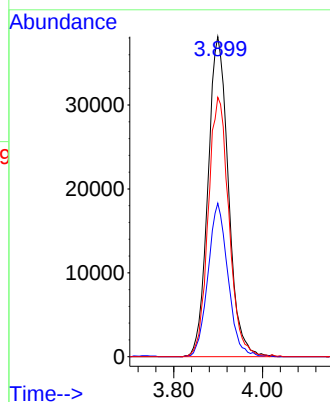
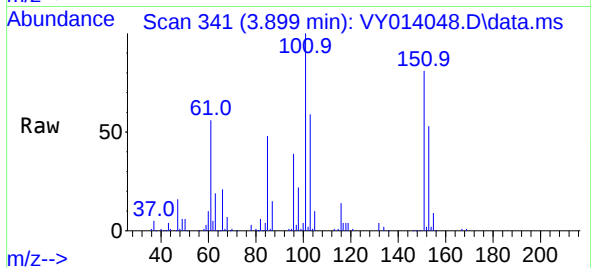




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.278 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

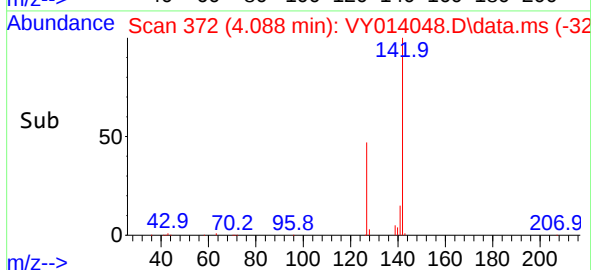
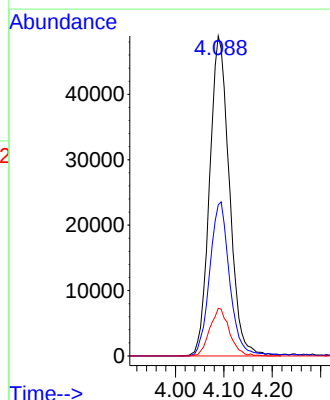
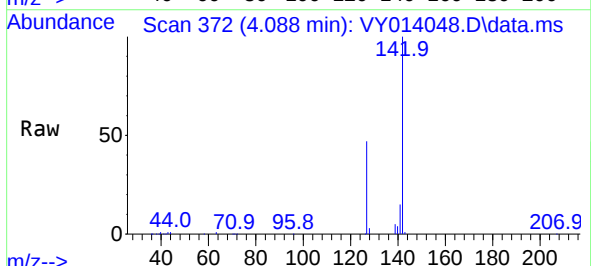
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

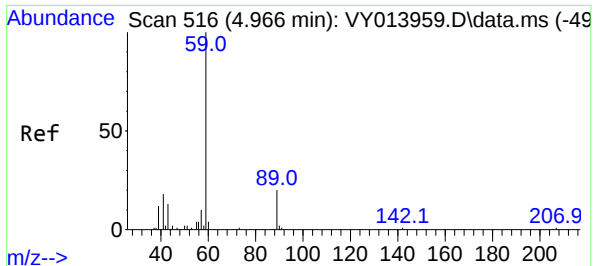
Tgt Ion:101 Resp: 122014
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 82.2 67.0 100.6



#10
Methyl Iodide
Concen: 47.295 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:142 Resp: 138850
Ion Ratio Lower Upper
142 100
127 48.5 37.6 56.4
141 14.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 132.322 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

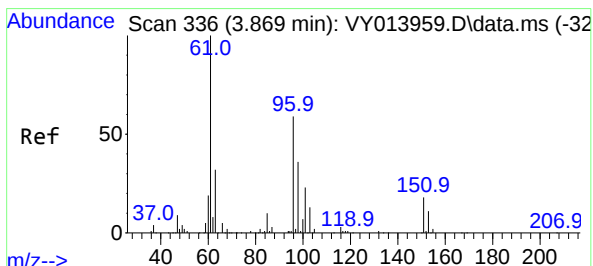
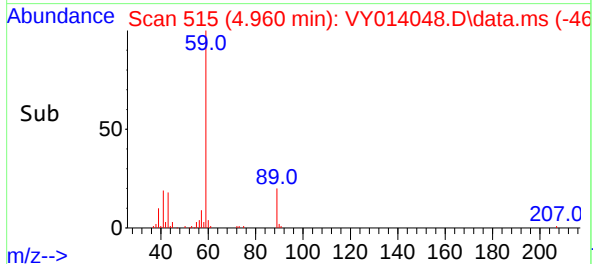
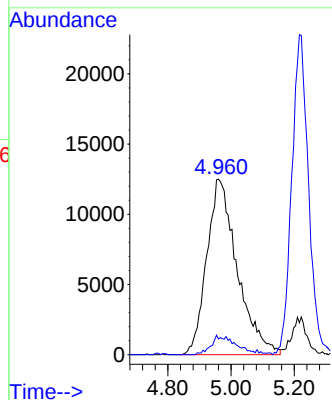
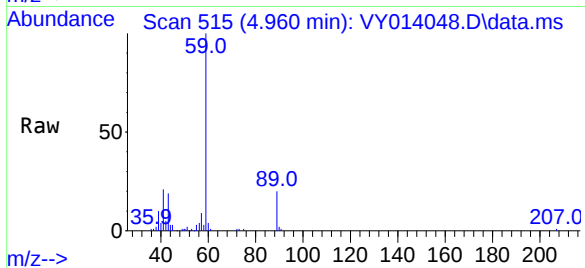
VSTDCCC050

Tgt Ion: 59 Resp: 83646

Ion Ratio Lower Upper

59 100

57 4.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 50.527 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

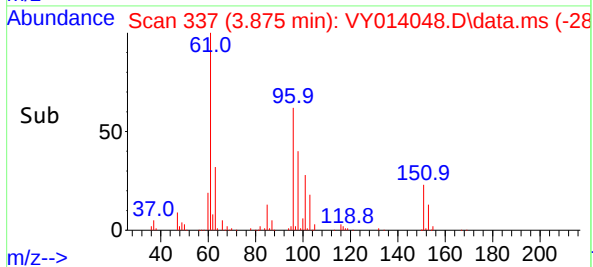
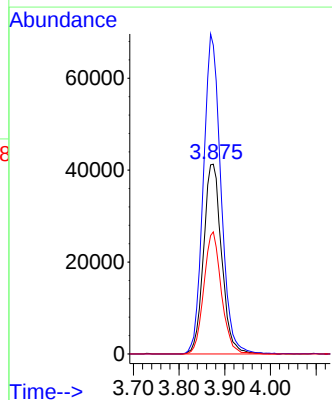
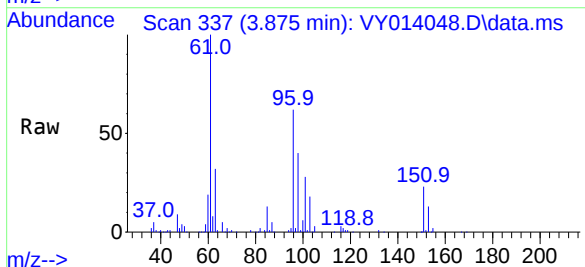
Tgt Ion: 96 Resp: 112853

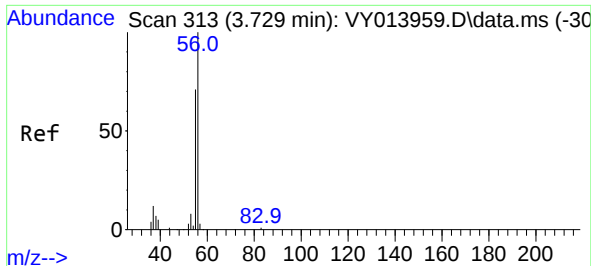
Ion Ratio Lower Upper

96 100

61 162.6 136.4 204.6

98 64.3 49.4 74.2

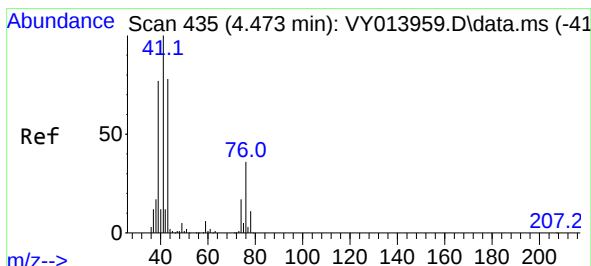
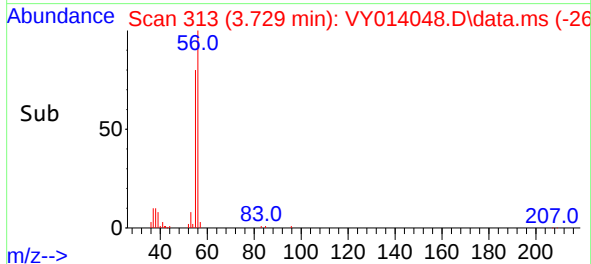
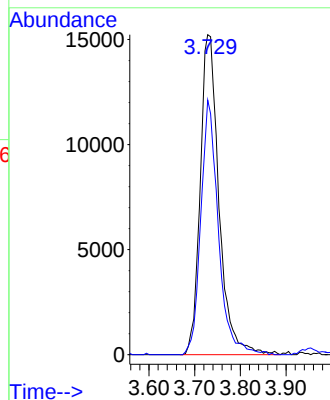
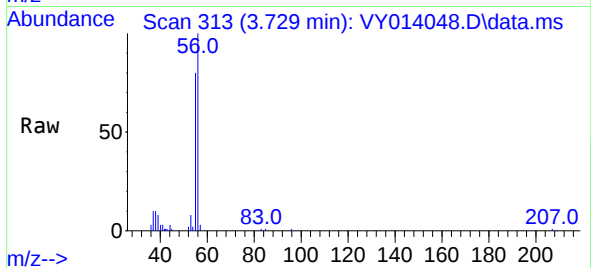




#13
Acrolein
Concen: 150.026 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

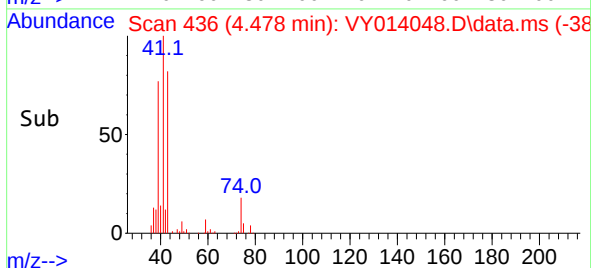
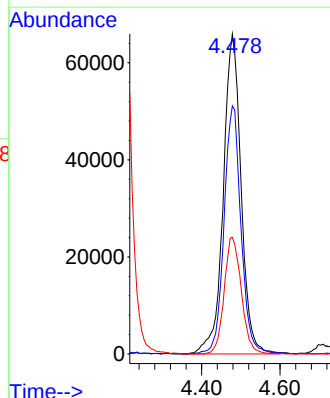
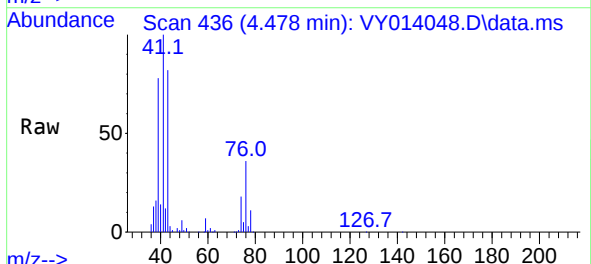
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

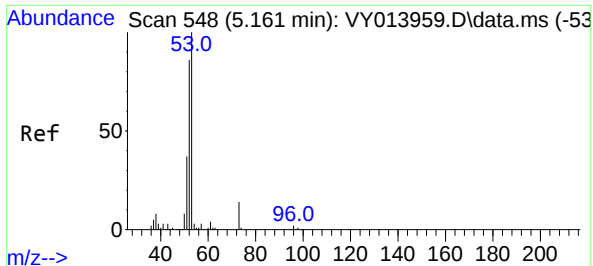
Tgt Ion: 56 Resp: 43430
Ion Ratio Lower Upper
56 100
55 74.7 57.0 85.4



#14
Allyl chloride
Concen: 48.261 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 41 Resp: 209188
Ion Ratio Lower Upper
41 100
39 73.9 58.0 87.0
76 35.1 27.4 41.2

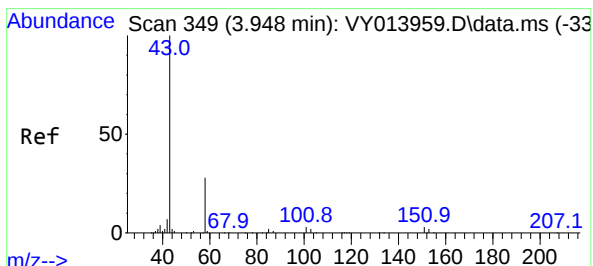
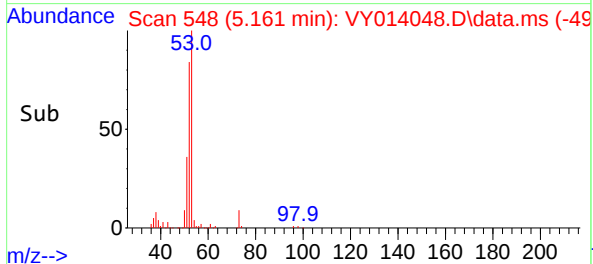
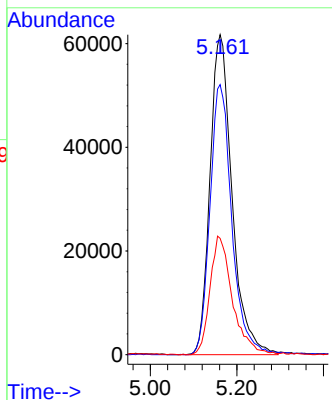
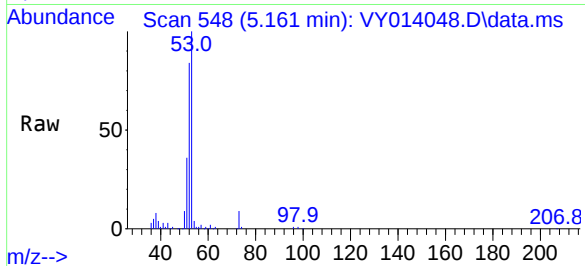




#15
Acrylonitrile
Concen: 242.346 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

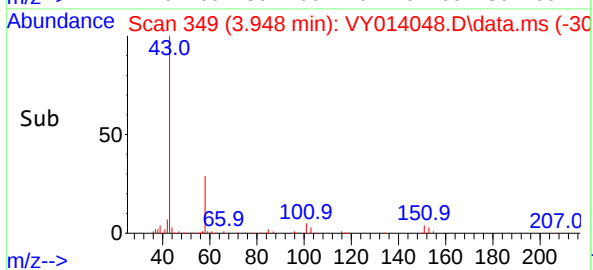
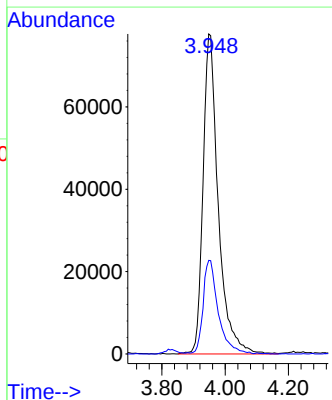
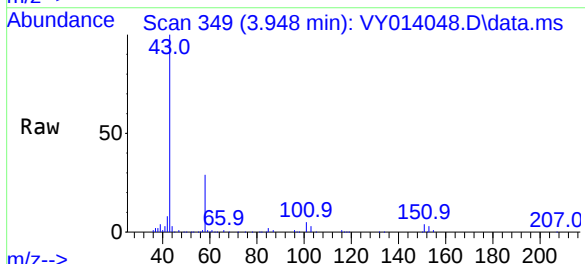
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

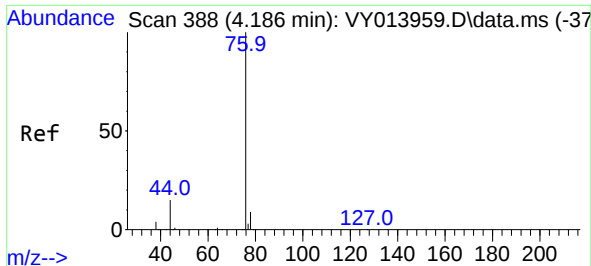
Tgt Ion: 53 Resp: 218626
Ion Ratio Lower Upper
53 100
52 84.0 66.9 100.3
51 37.7 29.8 44.6



#16
Acetone
Concen: 247.304 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 43 Resp: 260246
Ion Ratio Lower Upper
43 100
58 29.3 22.7 34.1

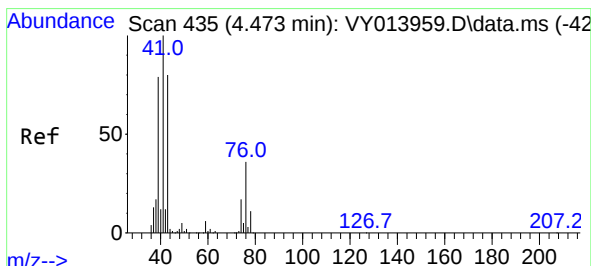
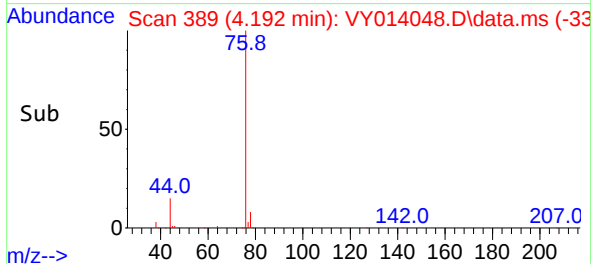
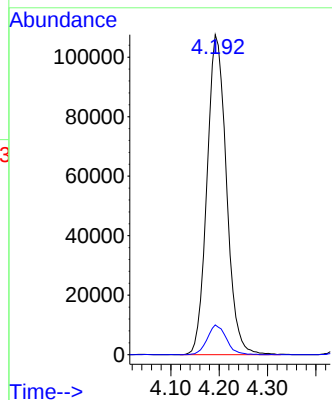
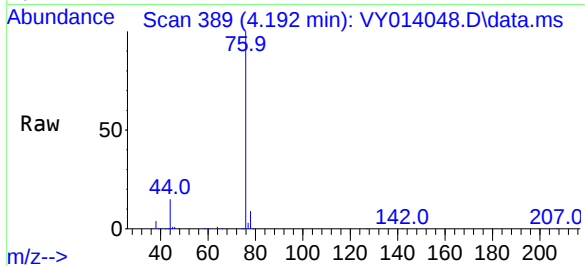




#17
Carbon Disulfide
Concen: 39.808 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

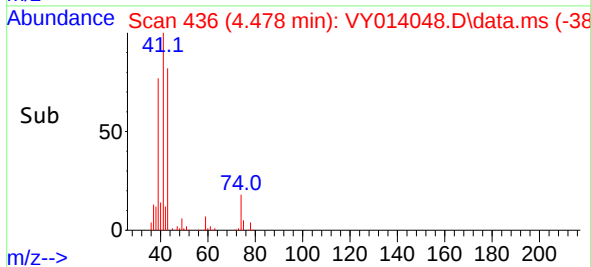
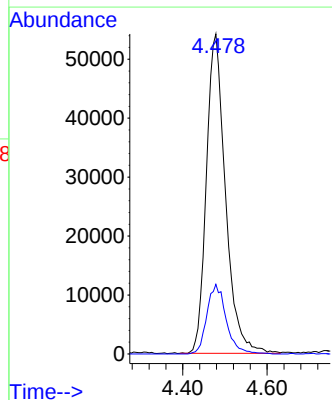
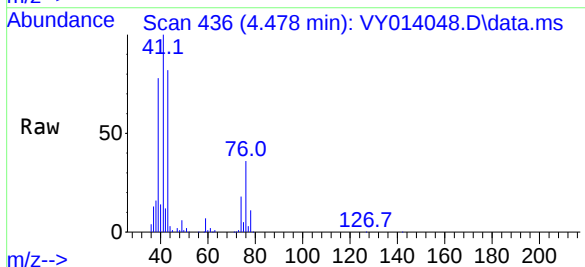
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

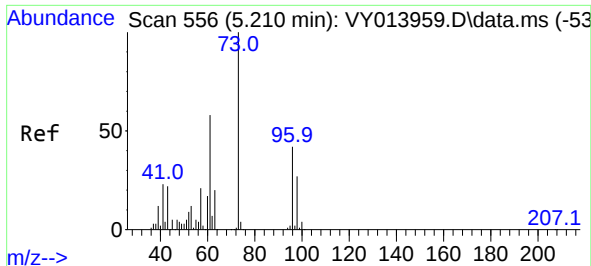
Tgt Ion: 76 Resp: 300651
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 44.848 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 43 Resp: 170512
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

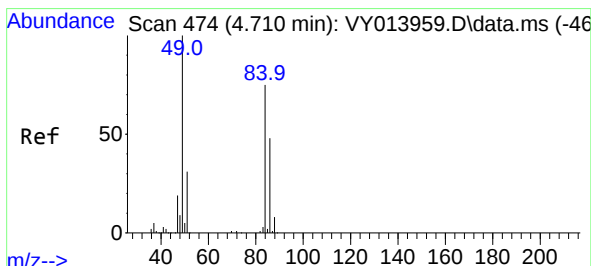
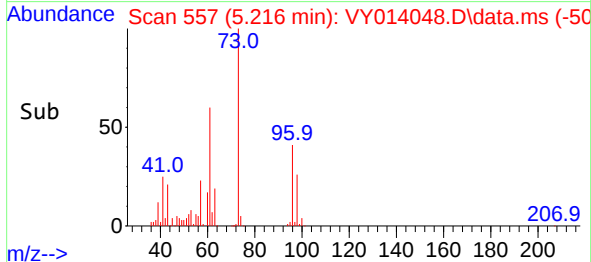
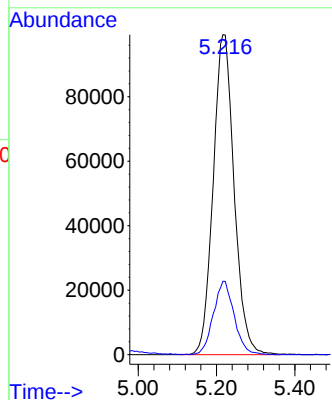
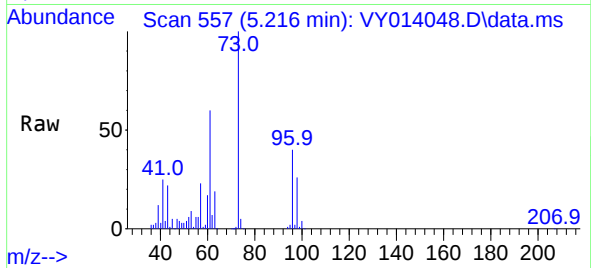




#19
Methyl tert-butyl Ether
Concen: 51.017 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

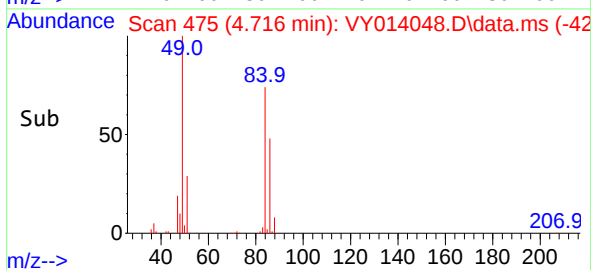
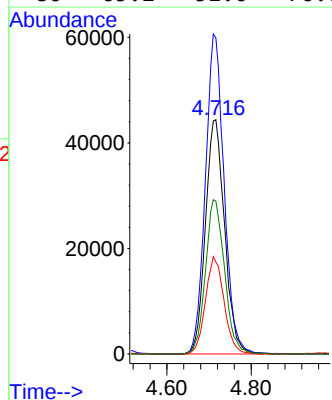
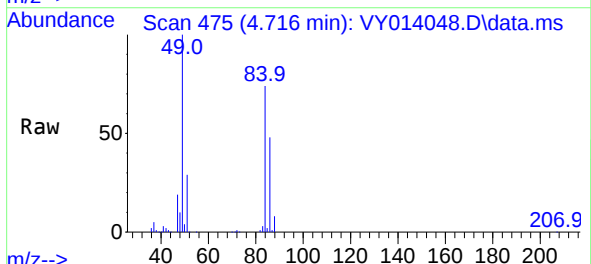
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

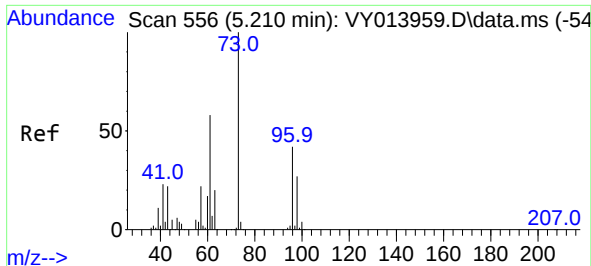
Tgt Ion: 73 Resp: 368660
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 49.405 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 84 Resp: 140763
Ion Ratio Lower Upper
84 100
49 134.9 106.9 160.3
51 39.3 33.2 49.8
86 65.2 51.0 76.6

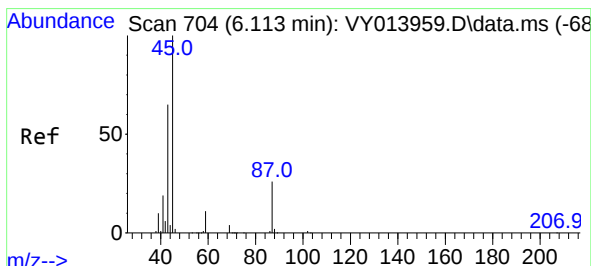
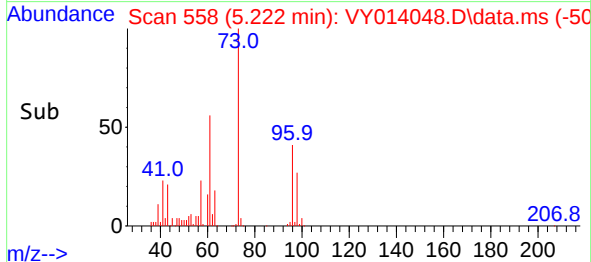
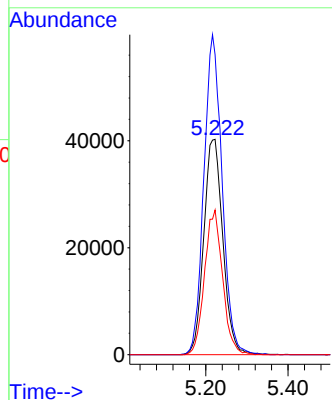
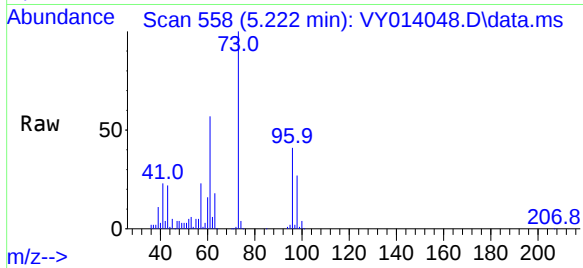




#21
trans-1,2-Dichloroethene
Concen: 51.298 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

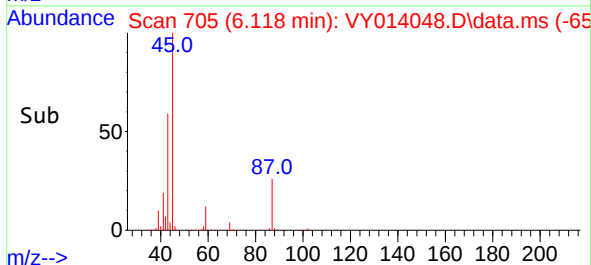
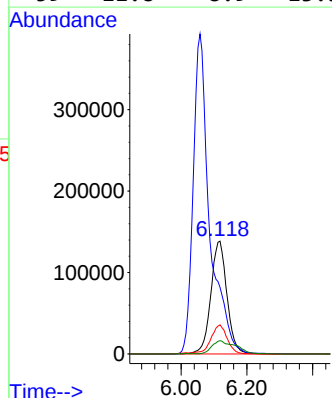
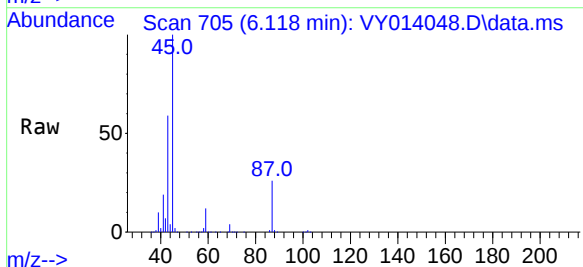
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

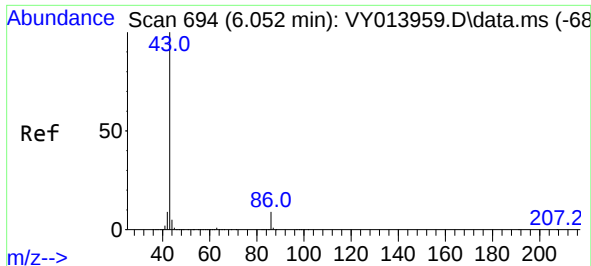
Tgt Ion: 96 Resp: 129778
Ion Ratio Lower Upper
96 100
61 139.3 110.2 165.4
98 67.2 51.8 77.6



#22
Diisopropyl ether
Concen: 56.051 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 45 Resp: 470940
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 25.8 21.0 31.6
59 11.8 8.9 13.3

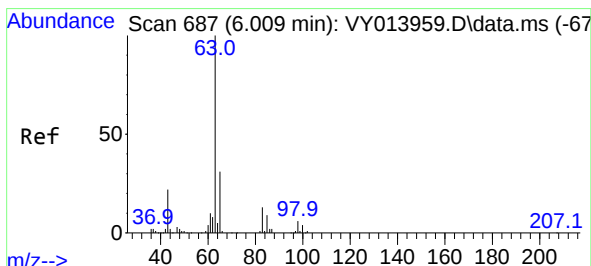
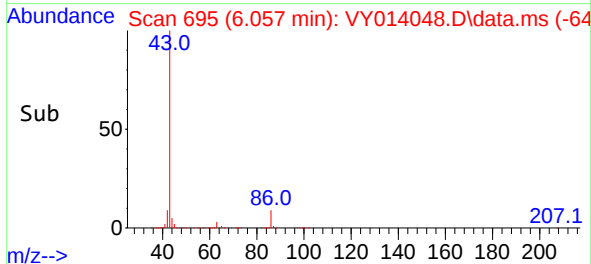
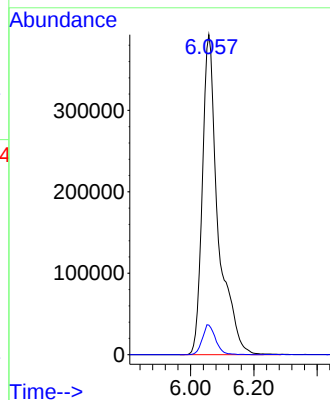
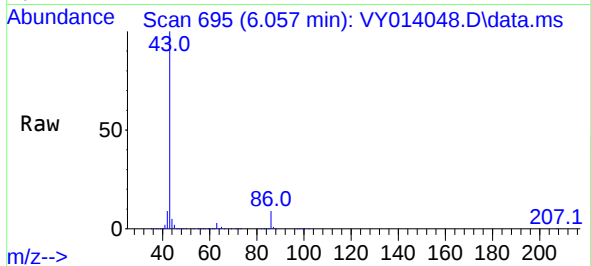




#23
Vinyl Acetate
Concen: 259.209 ug/l
RT: 6.057 min Scan# 694
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

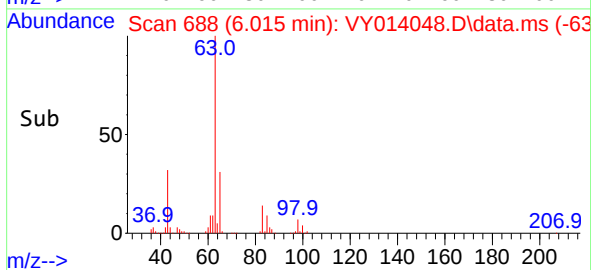
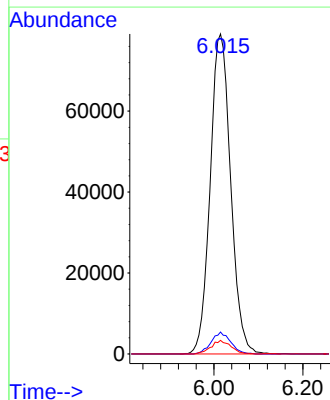
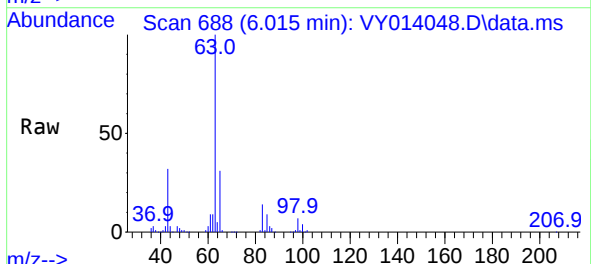
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

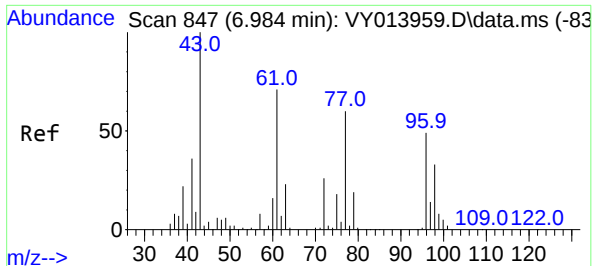
Tgt Ion: 43 Resp: 1366002
Ion Ratio Lower Upper
43 100
86 9.2 7.5 11.3



#24
1,1-Dichloroethane
Concen: 53.909 ug/l
RT: 6.015 min Scan# 688
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 63 Resp: 252819
Ion Ratio Lower Upper
63 100
98 6.8 3.1 9.4
100 4.3 1.8 5.5

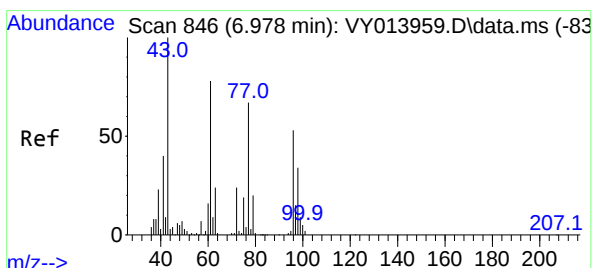
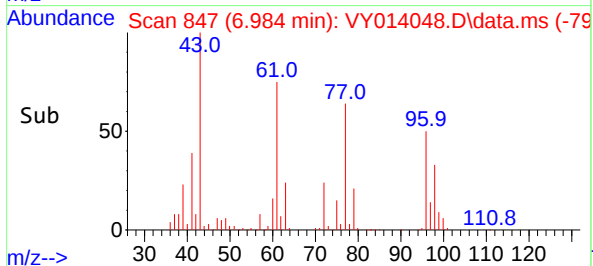
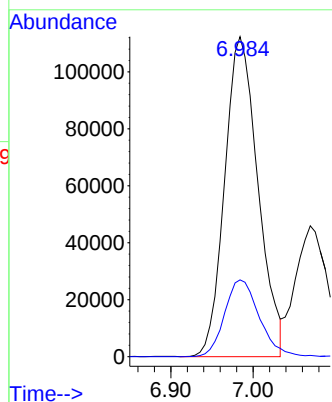
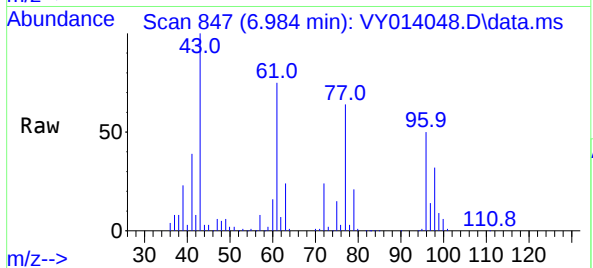




#25
2-Butanone
Concen: 241.330 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

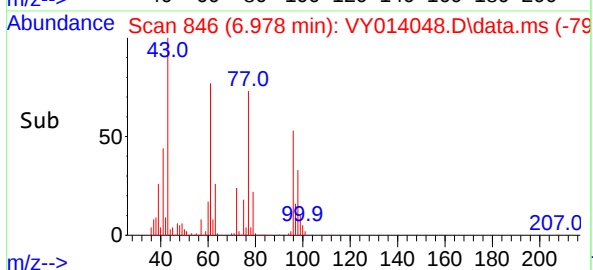
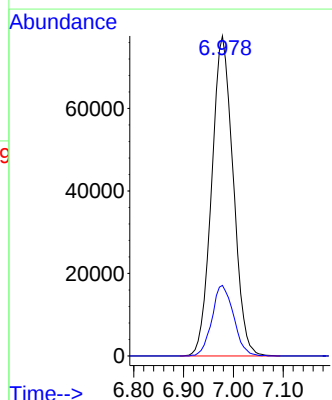
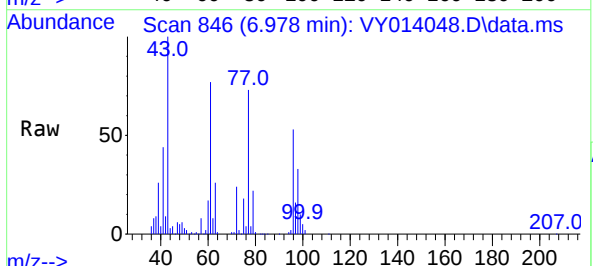
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

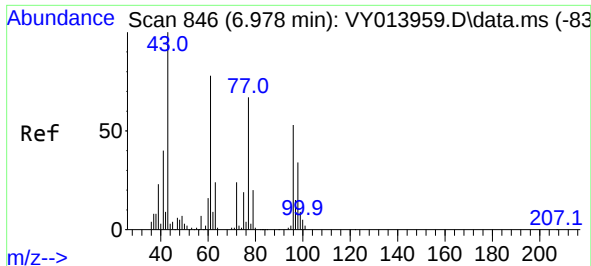
Tgt Ion: 43 Resp: 316381
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.531 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 77 Resp: 232087
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9

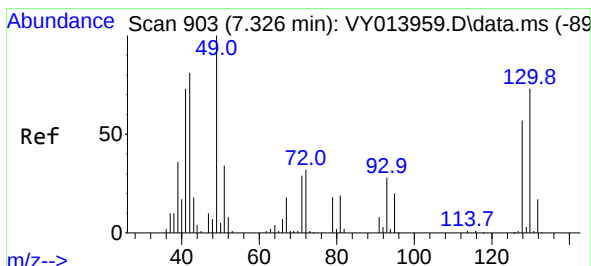
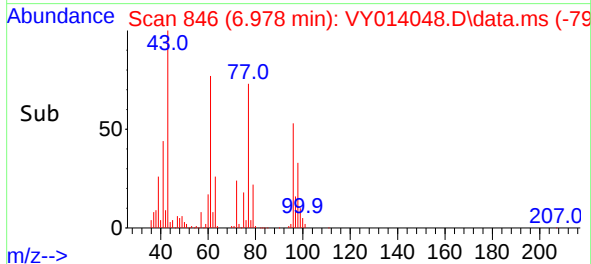
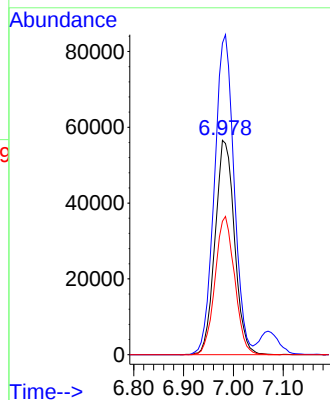
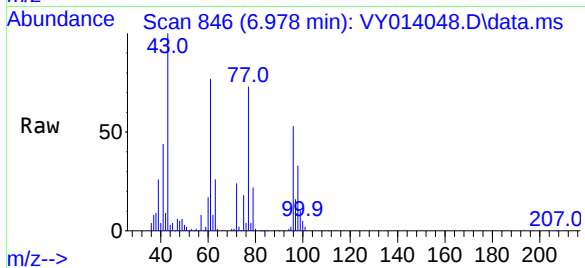




#27
cis-1,2-Dichloroethene
Concen: 52.842 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

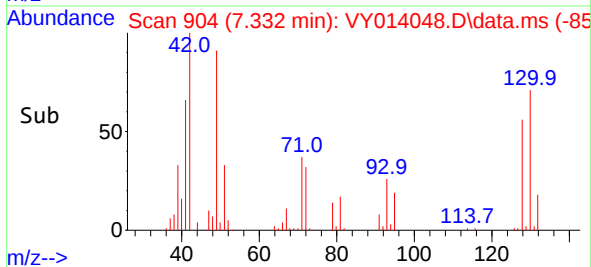
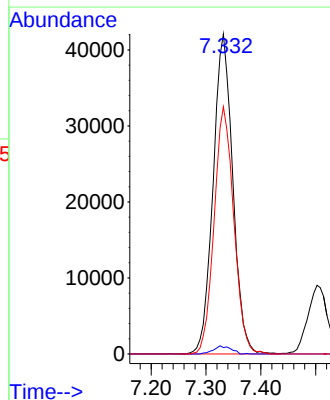
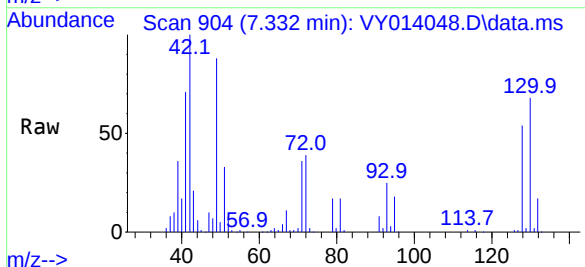
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

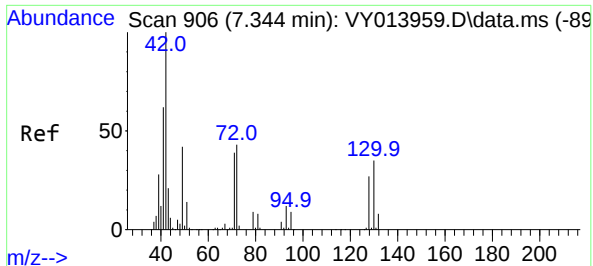
Tgt Ion: 96 Resp: 153057
Ion Ratio Lower Upper
96 100
61 150.9 0.0 301.4
98 65.1 0.0 130.4



#28
Bromochloromethane
Concen: 47.382 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 49 Resp: 104942
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 77.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 222.418 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

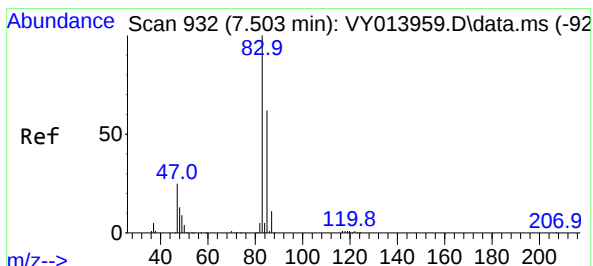
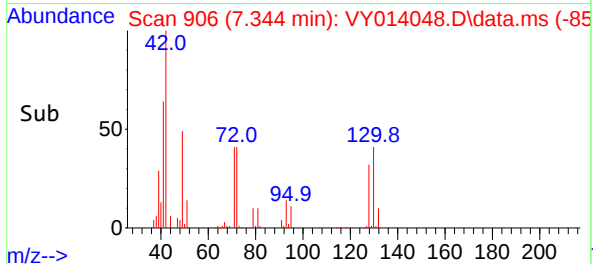
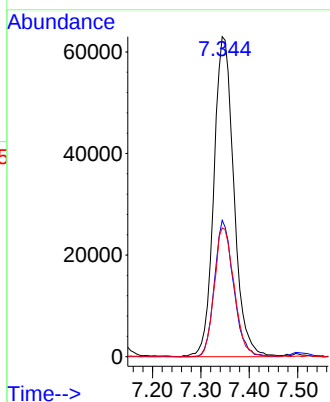
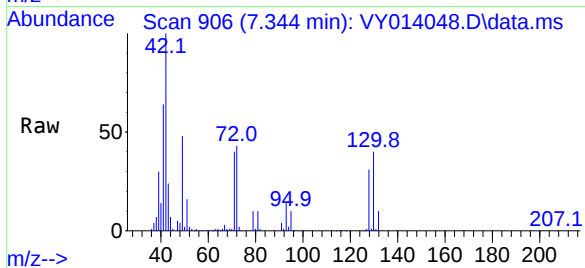
Tgt Ion: 42 Resp: 181325

Ion Ratio Lower Upper

42 100

72 40.4 32.8 49.2

71 39.7 31.0 46.4



#30

Chloroform

Concen: 52.759 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY014048.D

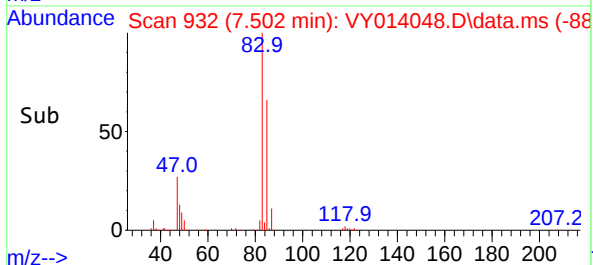
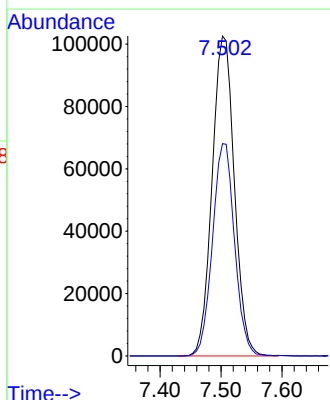
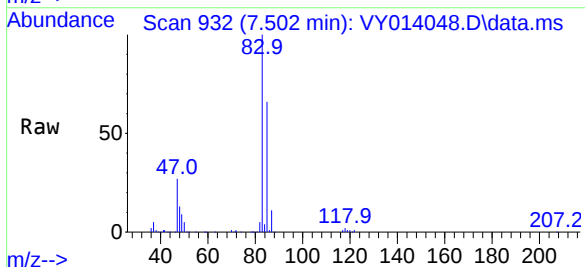
Acq: 07 Jun 2023 10:01

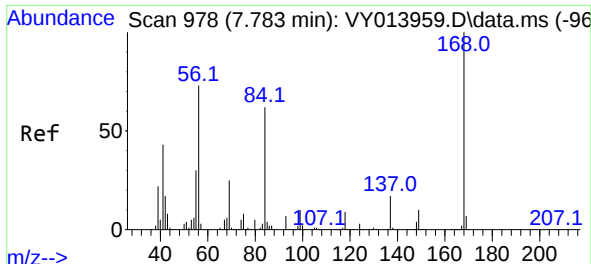
Tgt Ion: 83 Resp: 259784

Ion Ratio Lower Upper

83 100

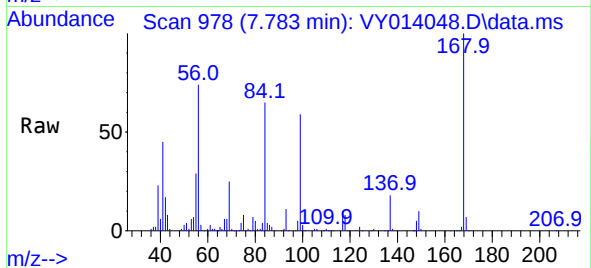
85 66.3 49.7 74.5



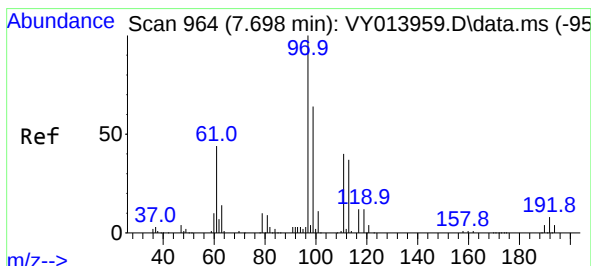
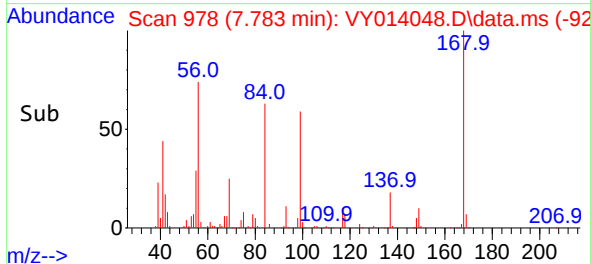
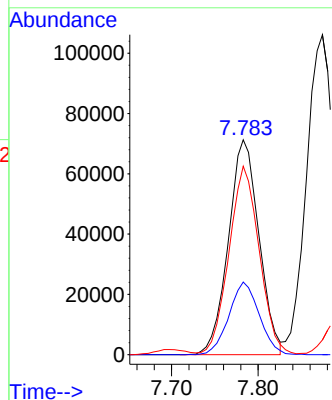


#31
Cyclohexane
Concen: 47.202 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

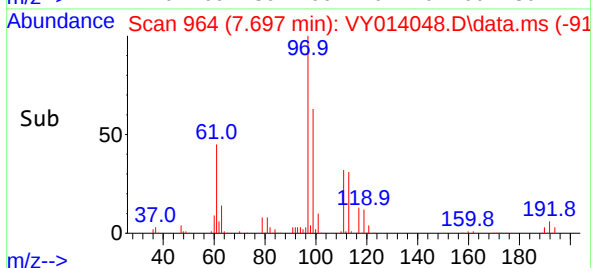
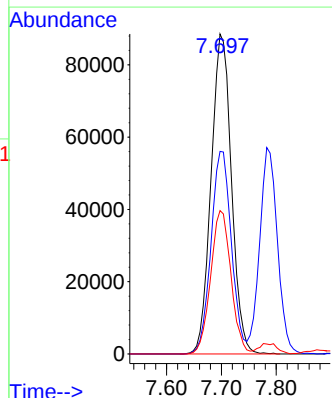
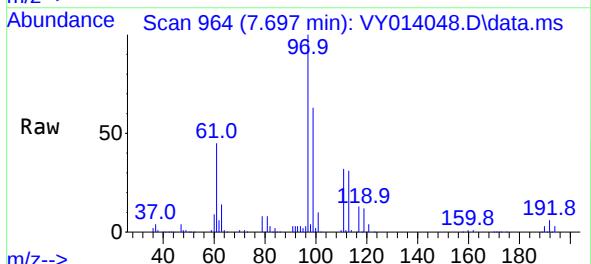


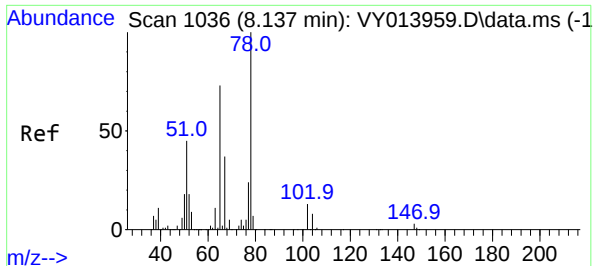
Tgt Ion: 56 Resp: 174821
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 85.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 54.610 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 97 Resp: 228087
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 44.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.662 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

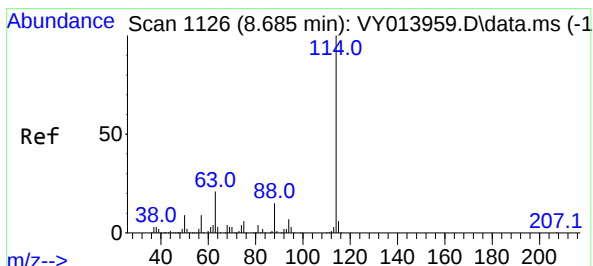
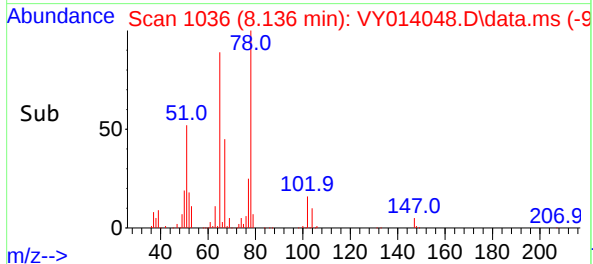
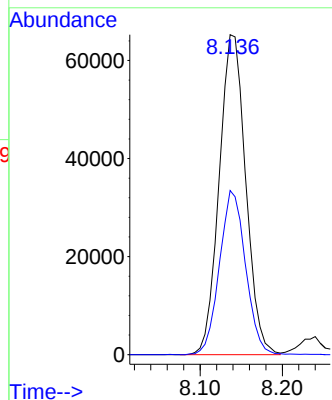
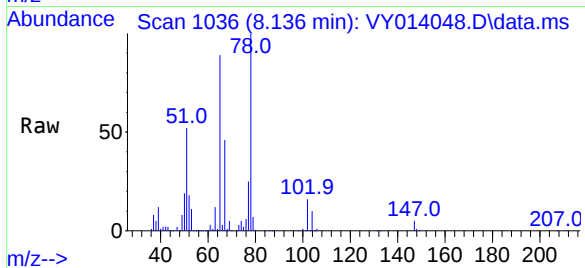
VSTDCCC050

Tgt Ion: 65 Resp: 146599

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

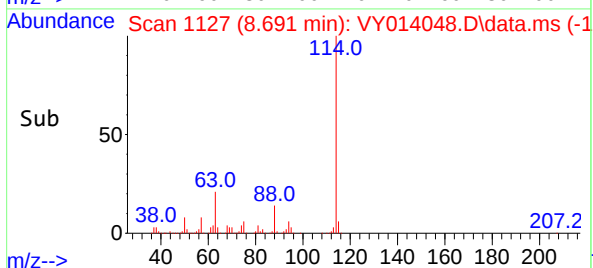
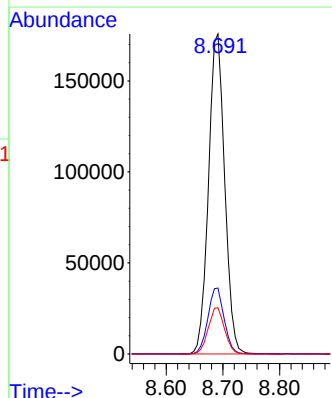
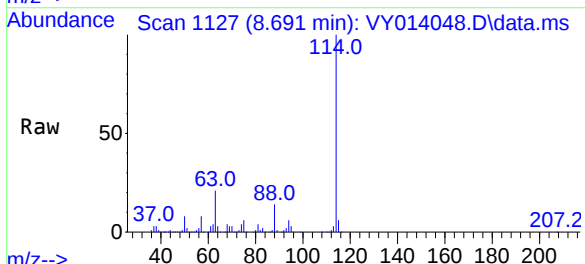
Tgt Ion: 114 Resp: 348241

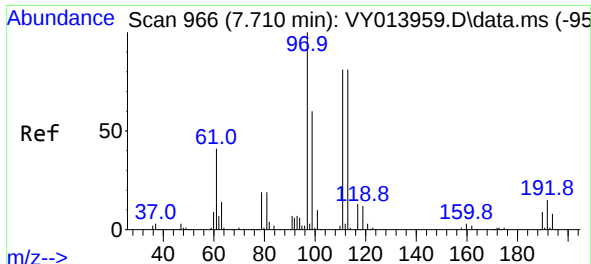
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 14.5 0.0 30.6

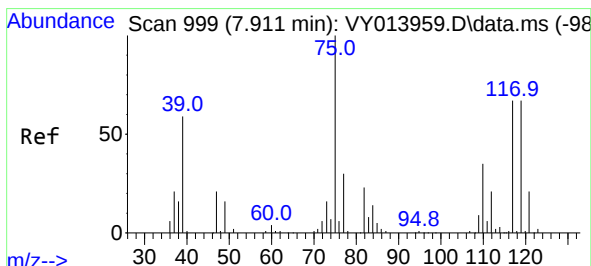
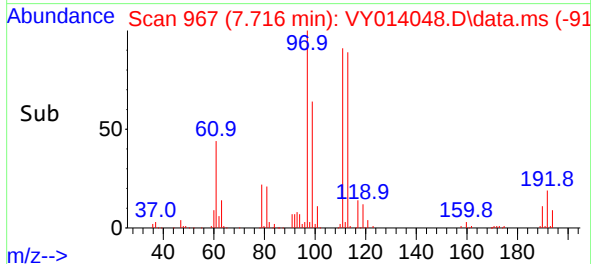
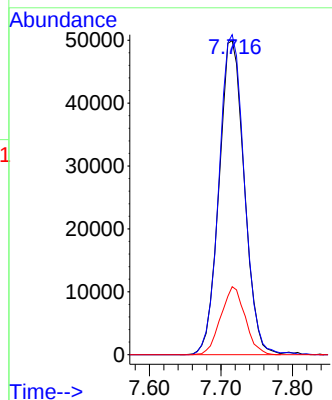
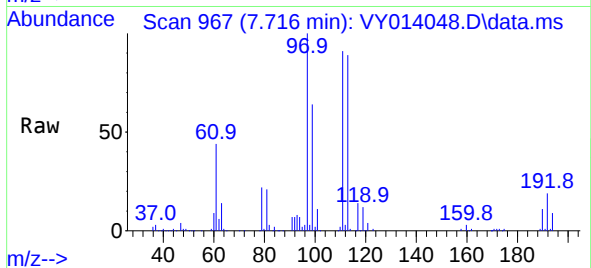




#35
Dibromofluoromethane
Concen: 55.177 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

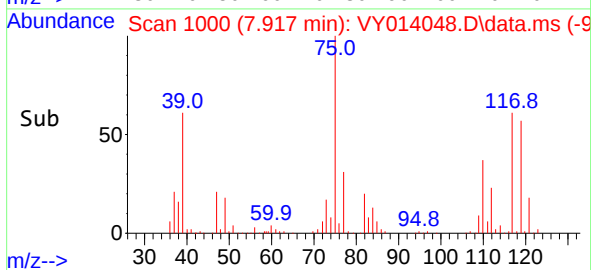
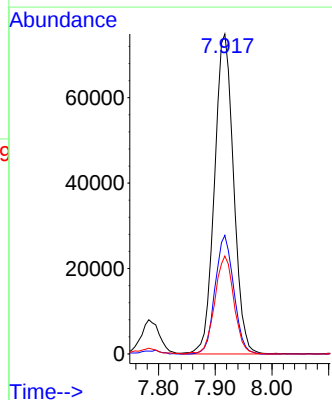
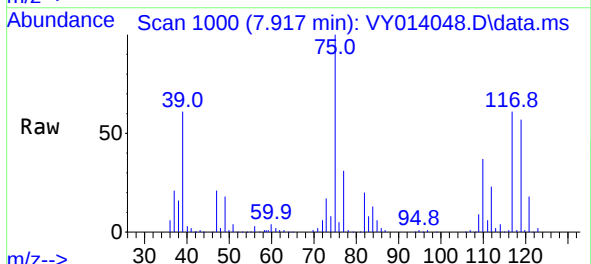
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

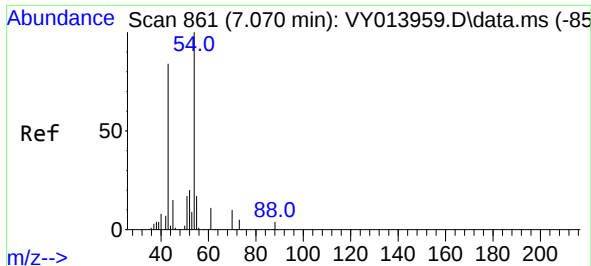
Tgt Ion:113 Resp: 122112
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.625 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 75 Resp: 175384
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.7 24.4 36.6

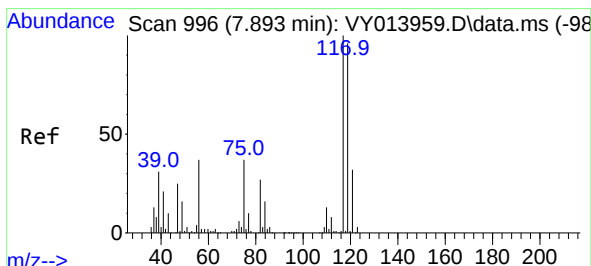
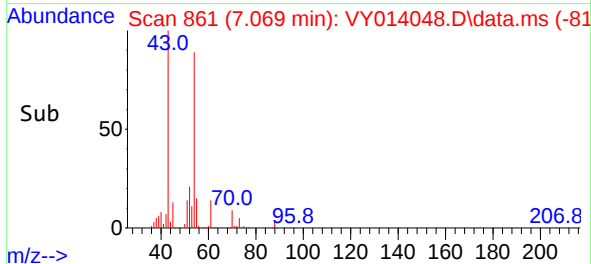
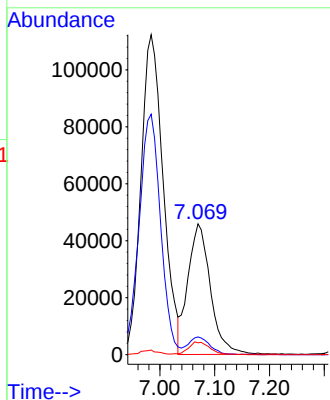
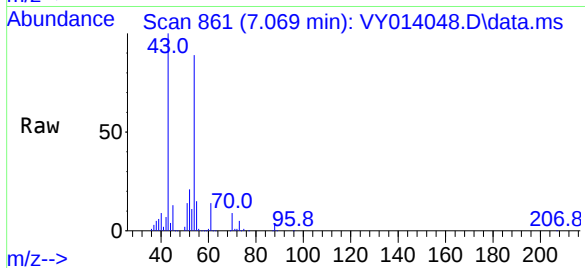




#37
Ethyl Acetate
Concen: 47.540 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

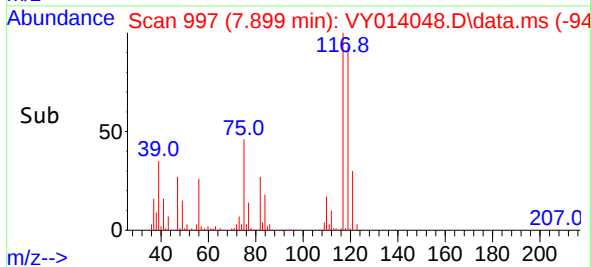
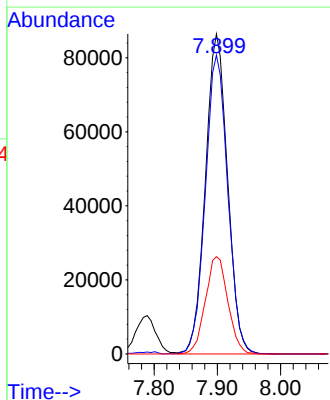
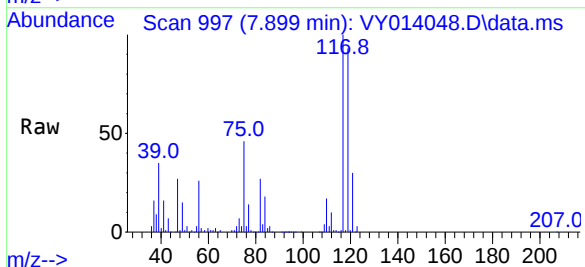
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

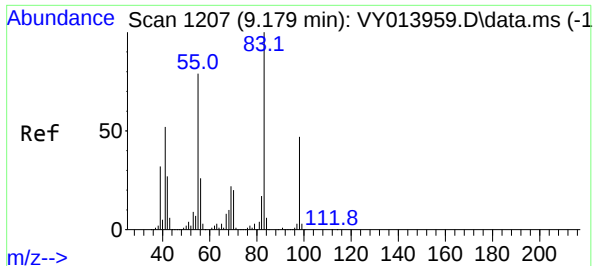
Tgt Ion: 43 Resp: 130685
Ion Ratio Lower Upper
43 100
61 12.6 10.1 15.1
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 59.497 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 117 Resp: 210214
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 30.4 25.8 38.6

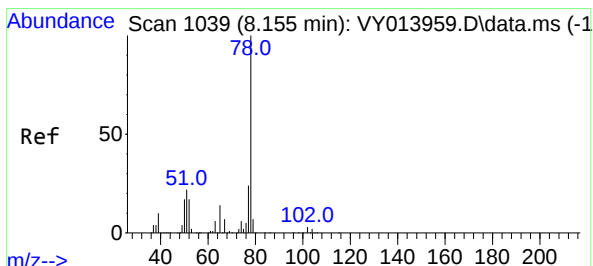
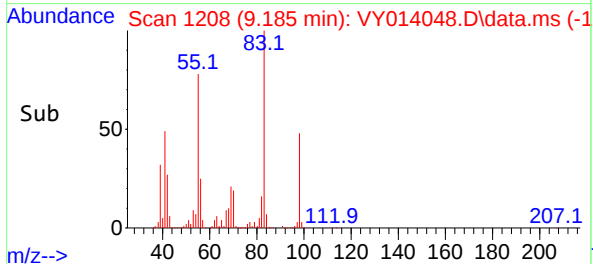
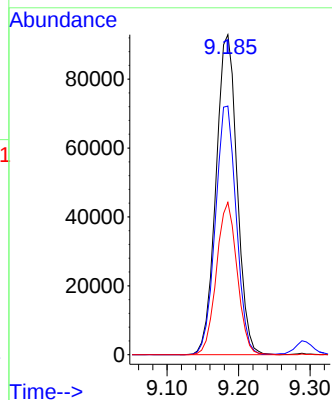
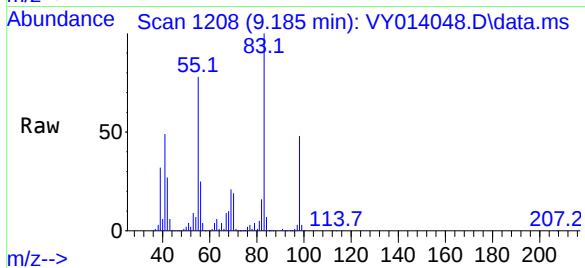




#39
Methylcyclohexane
Concen: 56.573 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

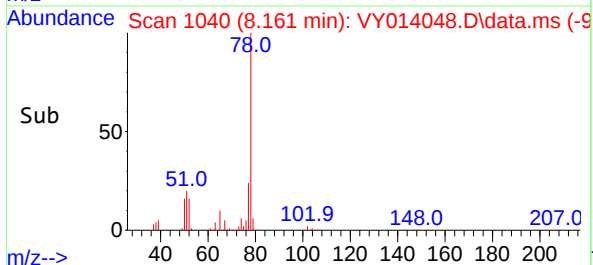
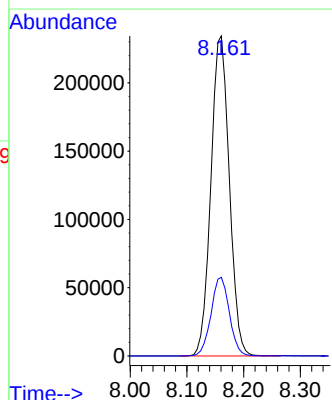
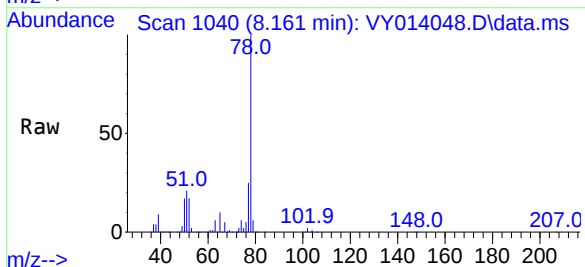
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 190428
Ion Ratio Lower Upper
83 100
55 77.7 63.0 94.4
98 47.6 37.4 56.2

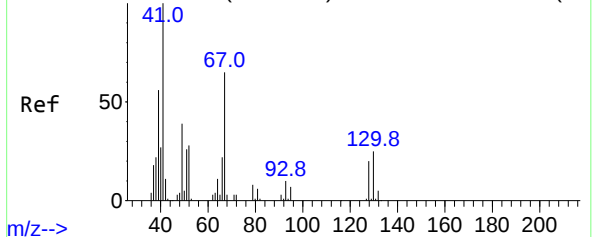


#40
Benzene
Concen: 54.283 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

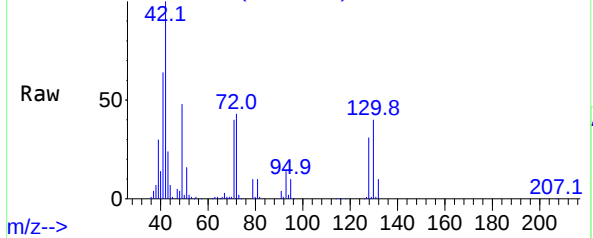
Tgt Ion: 78 Resp: 527982
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6



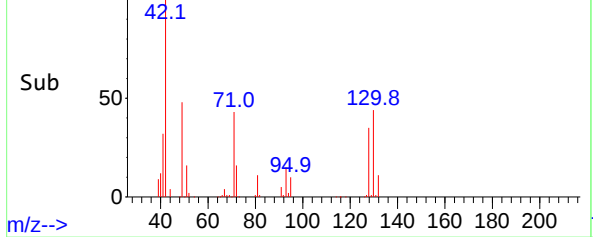
Abundance Scan 899 (7.301 min): VY013959.D\data.ms (-88



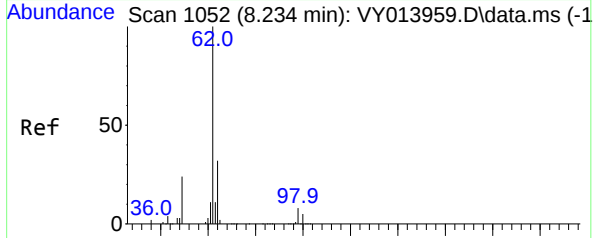
m/z--> Scan 906 (7.344 min): VY014048.D\data.ms



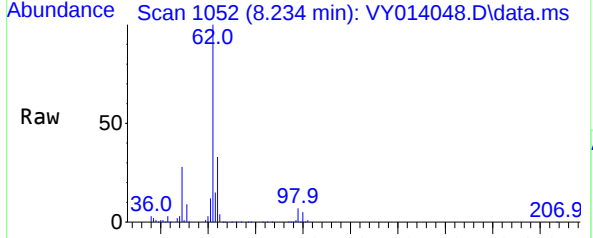
m/z--> Abundance Scan 906 (7.344 min): VY014048.D\data.ms (-85



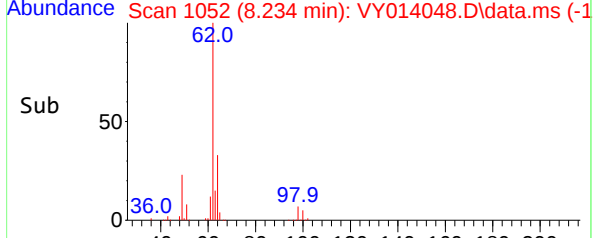
m/z--> Abundance Scan 1052 (8.234 min): VY013959.D\data.ms (-1



m/z--> Abundance Scan 1052 (8.234 min): VY014048.D\data.ms



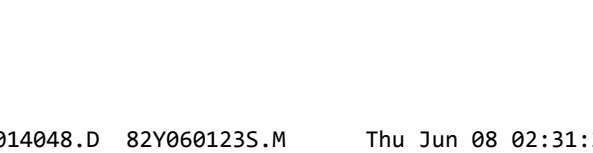
m/z--> Abundance Scan 1052 (8.234 min): VY014048.D\data.ms (-1



m/z--> Abundance Scan 1052 (8.234 min): VY014048.D\data.ms (-1



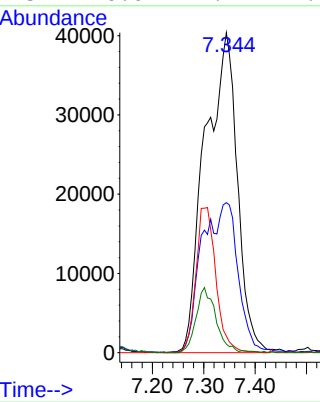
m/z--> Abundance Scan 1052 (8.234 min): VY014048.D\data.ms (-1



#41
Methacrylonitrile
Concen: 138.087 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.042 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

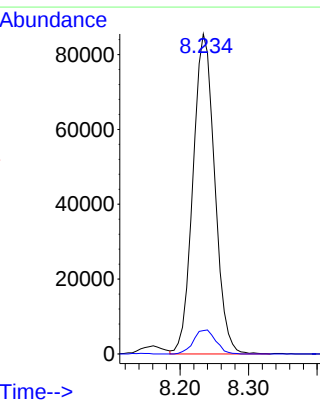
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

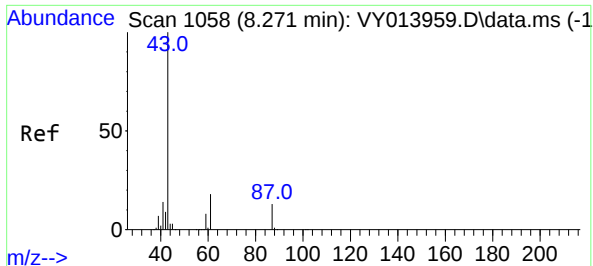
Tgt Ion:	41	Resp:	175444
Ion	Ratio	Lower	Upper
41	100		
39	27.4	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 52.805 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:	62	Resp:	188332
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 48.716 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

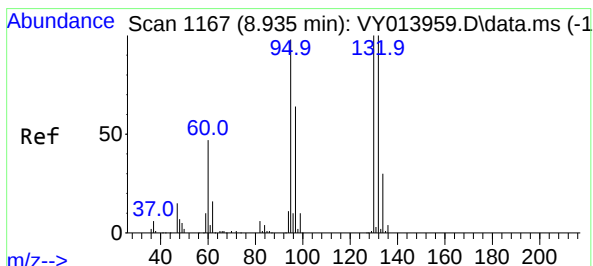
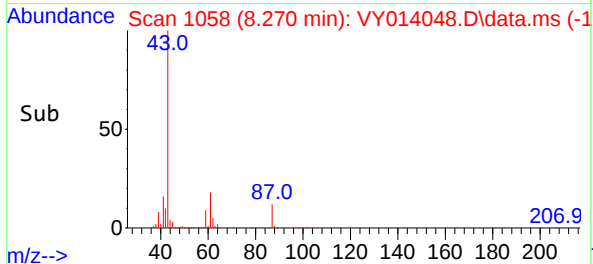
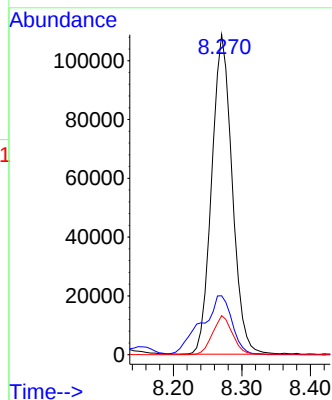
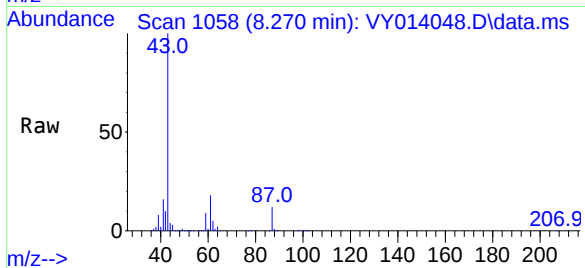
Tgt Ion: 43 Resp: 225495

Ion Ratio Lower Upper

43 100

61 27.5 21.1 31.7

87 11.9 9.8 14.8



#44

Trichloroethene

Concen: 54.700 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY014048.D

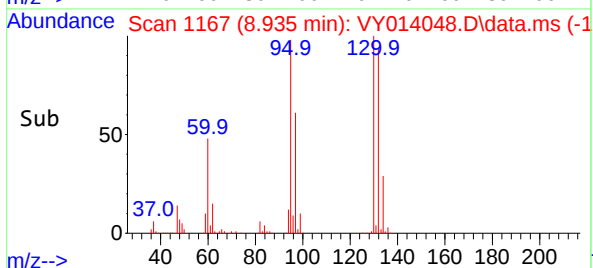
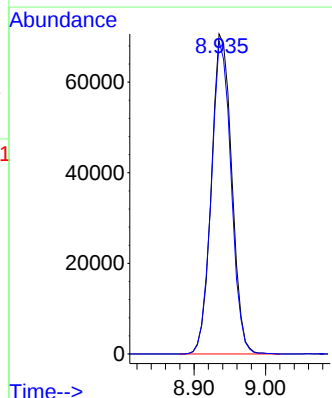
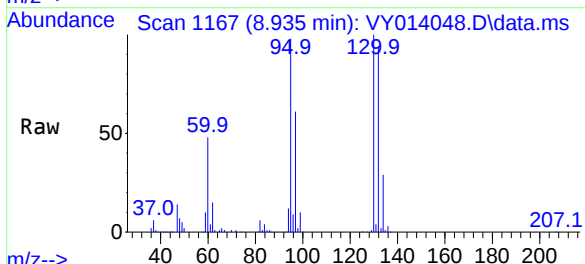
Acq: 07 Jun 2023 10:01

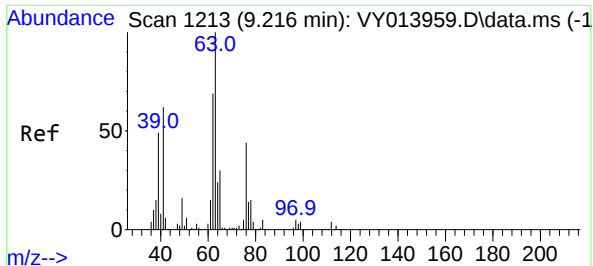
Tgt Ion:130 Resp: 139325

Ion Ratio Lower Upper

130 100

95 97.7 0.0 196.0

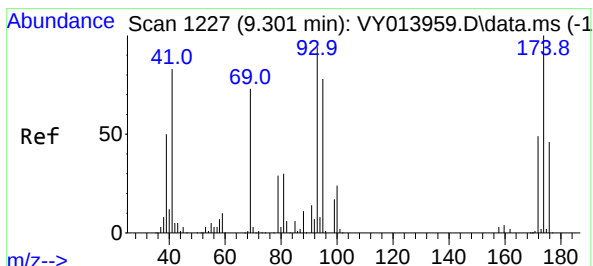
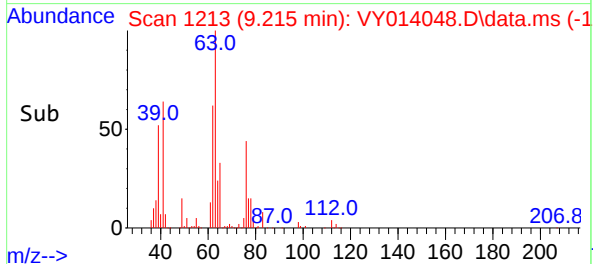
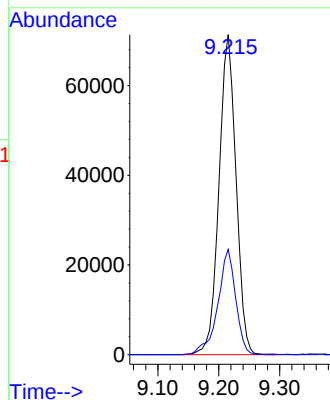
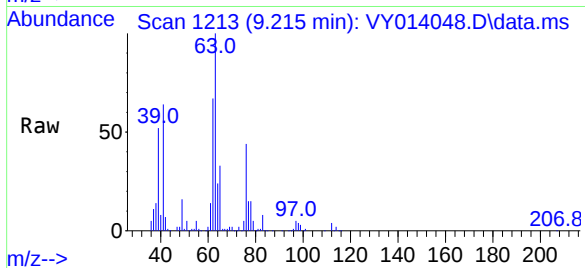




#45
1,2-Dichloropropane
Concen: 55.266 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

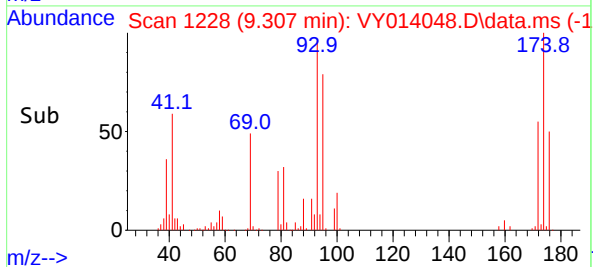
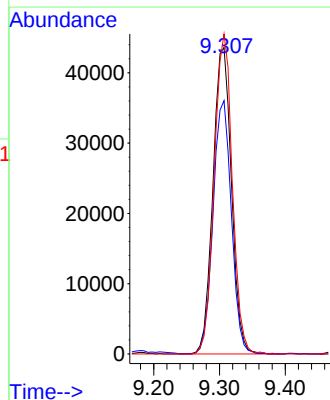
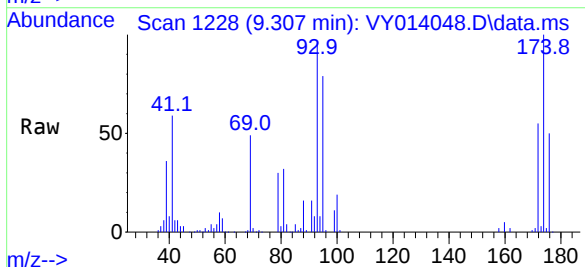
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

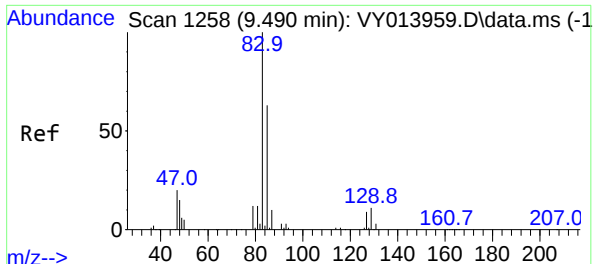
Tgt Ion: 63 Resp: 138719
Ion Ratio Lower Upper
63 100
65 32.9 23.8 35.6



#46
Dibromomethane
Concen: 53.252 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 93 Resp: 85571
Ion Ratio Lower Upper
93 100
95 81.7 66.6 100.0
174 101.9 84.8 127.2





#47

Bromodichloromethane

Concen: 56.928 ug/l

RT: 9.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

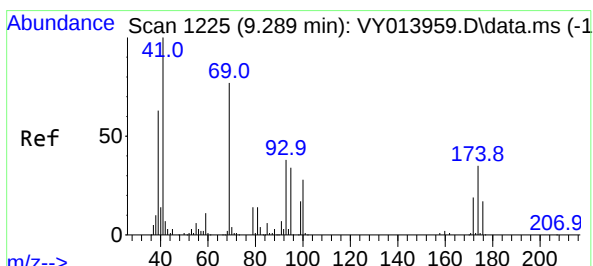
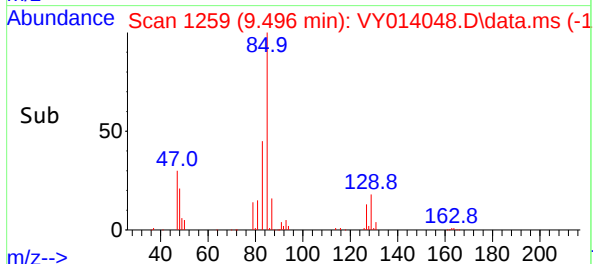
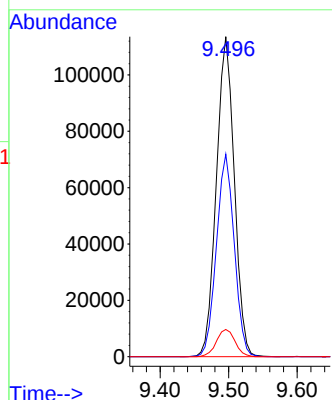
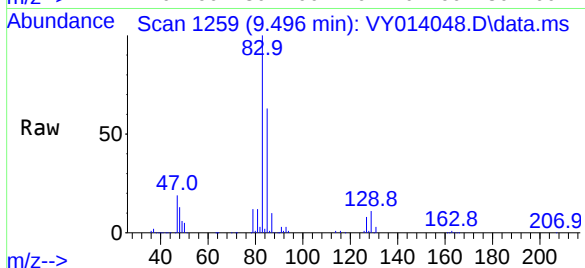
Tgt Ion: 83 Resp: 206072

Ion Ratio Lower Upper

83 100

85 63.3 50.1 75.1

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 49.977 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

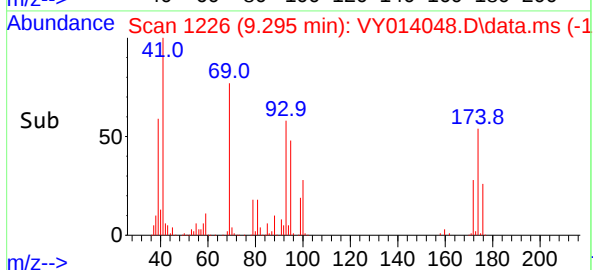
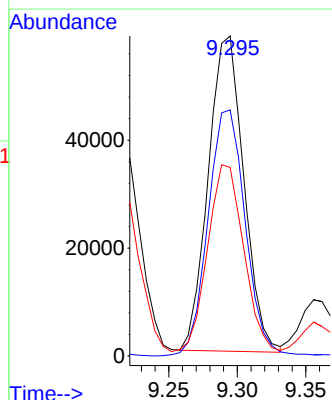
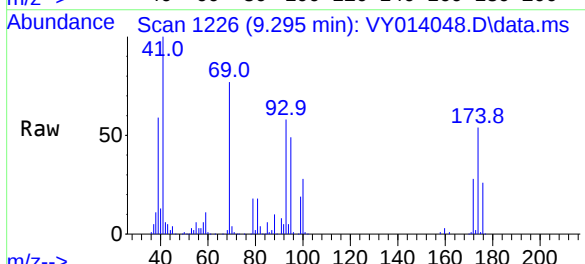
Tgt Ion: 41 Resp: 105292

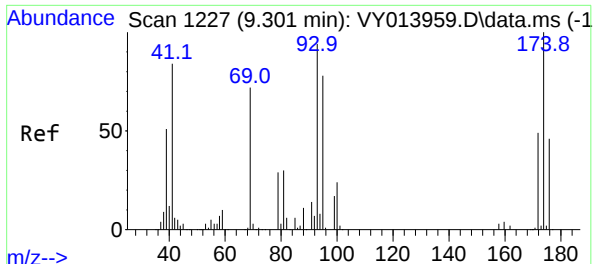
Ion Ratio Lower Upper

41 100

69 82.2 64.5 96.7

39 63.2 50.8 76.2





#49

1,4-Dioxane

Concen: 974.386 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

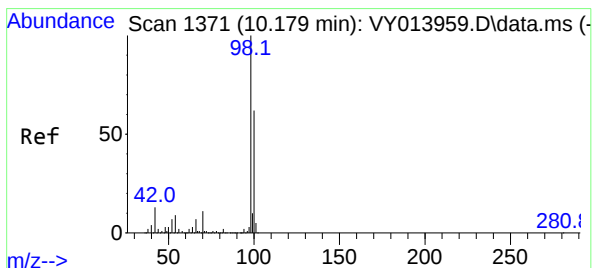
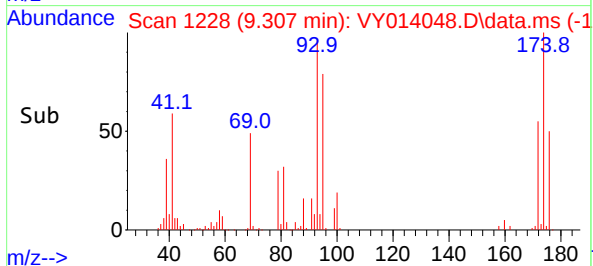
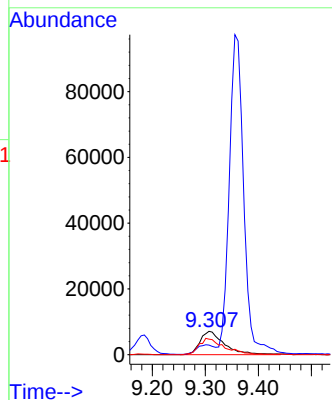
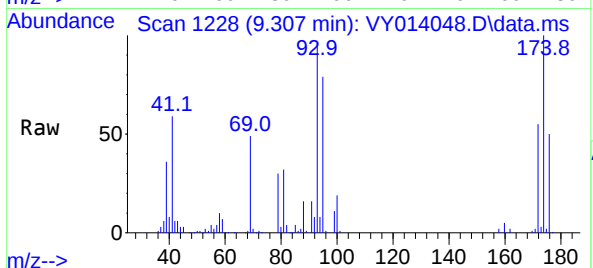
Tgt Ion: 88 Resp: 22770

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 72.8 30.9 46.3#



#50

Toluene-d8

Concen: 53.335 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014048.D

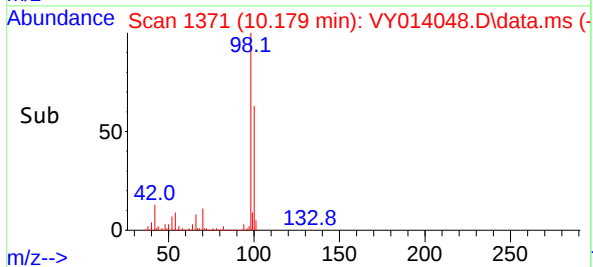
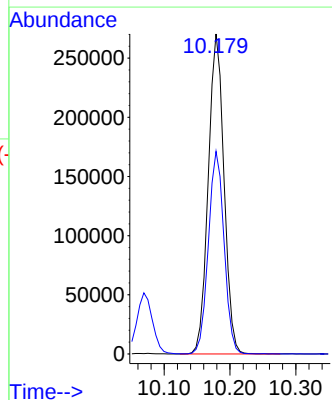
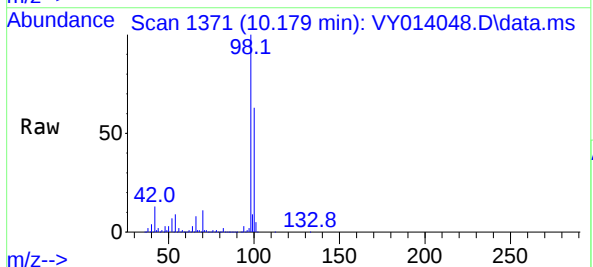
Acq: 07 Jun 2023 10:01

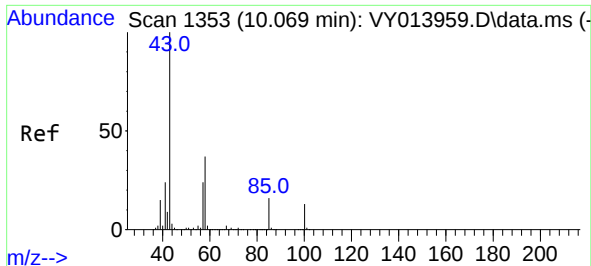
Tgt Ion: 98 Resp: 450237

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1

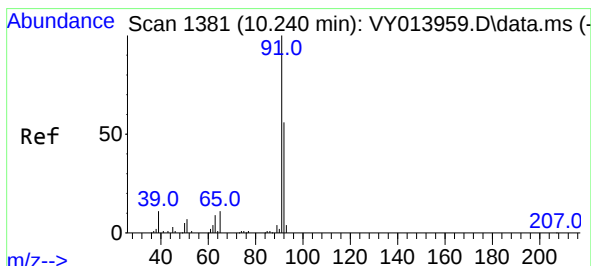
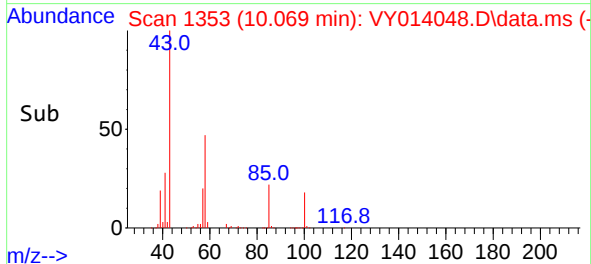
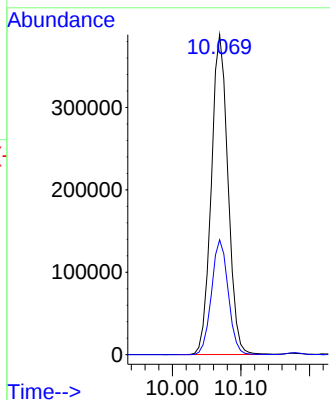
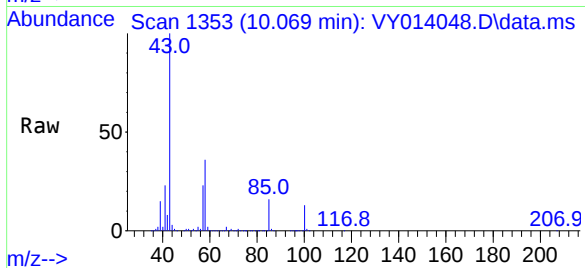




#51
4-Methyl-2-Pentanone
Concen: 251.121 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

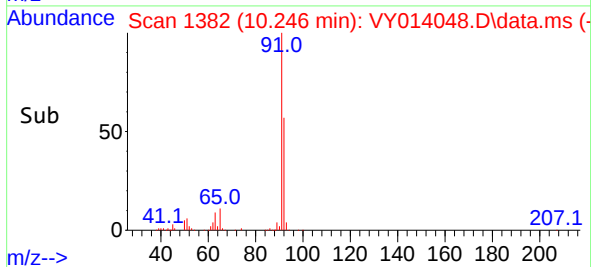
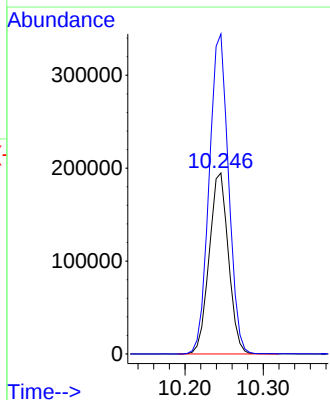
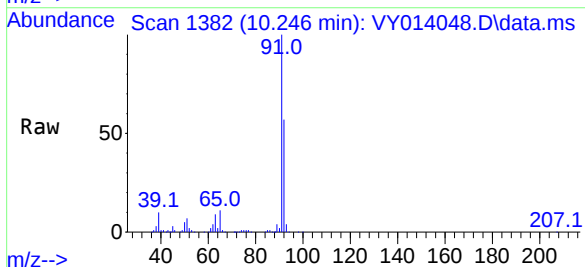
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

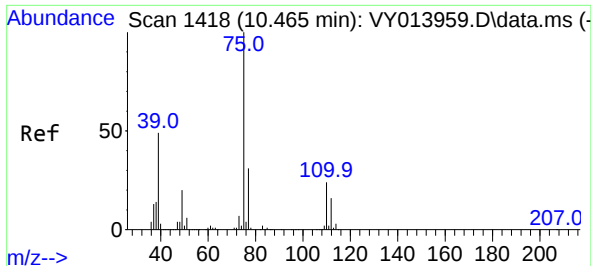
Tgt Ion: 43 Resp: 656539
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6



#52
Toluene
Concen: 55.708 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 92 Resp: 331936
Ion Ratio Lower Upper
92 100
91 177.9 143.8 215.6

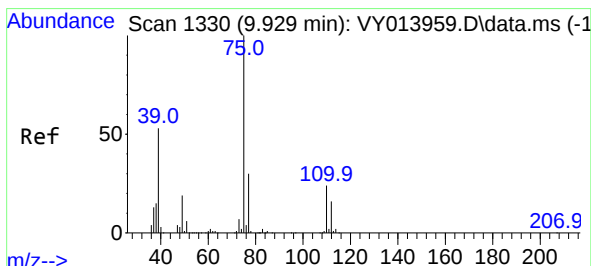
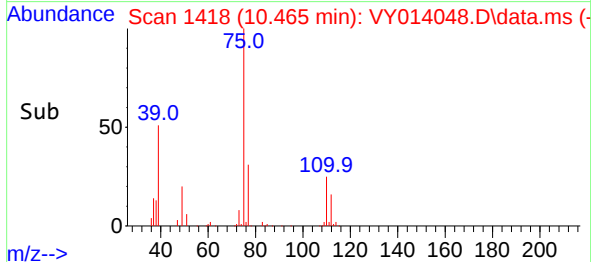
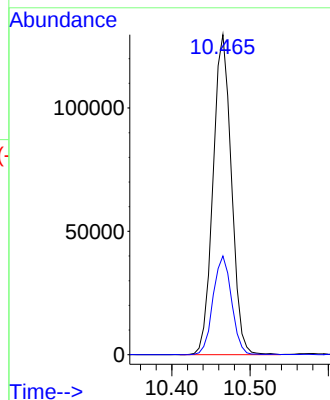
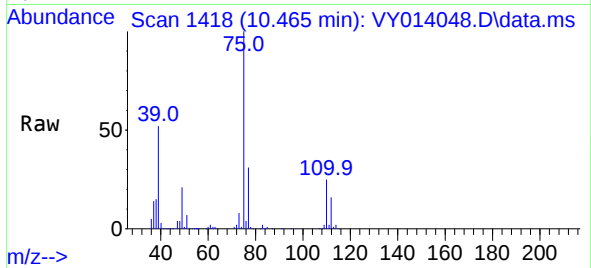




#53
t-1,3-Dichloropropene
Concen: 54.415 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

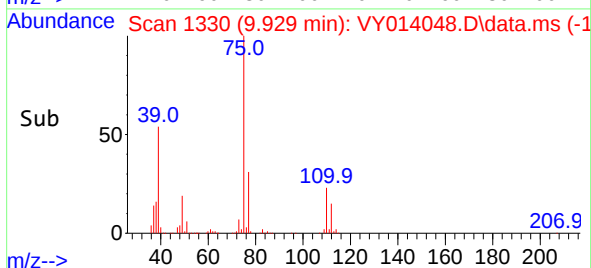
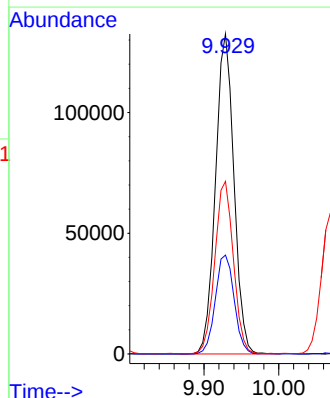
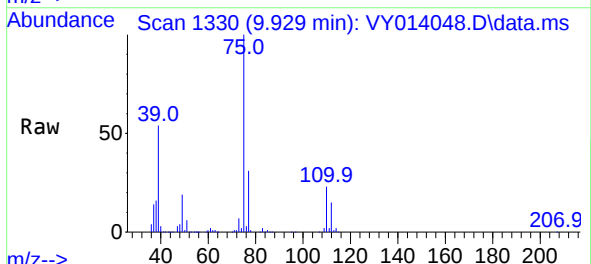
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

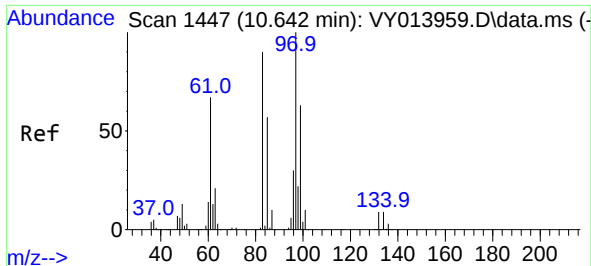
Tgt Ion: 75 Resp: 211587
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.784 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 75 Resp: 227436
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.4
39 53.8 42.2 63.4



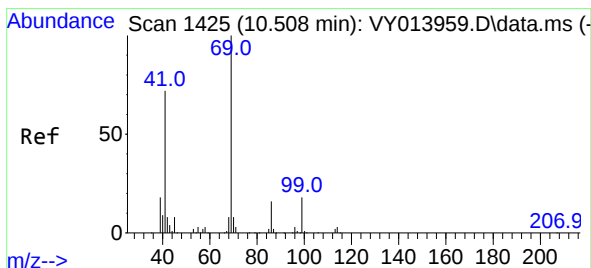
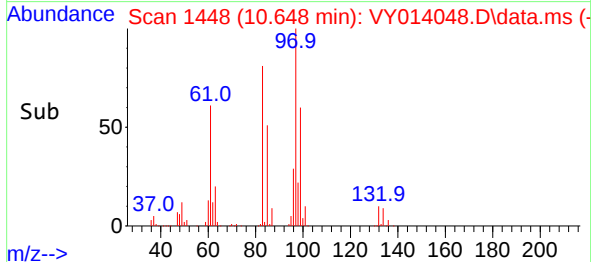
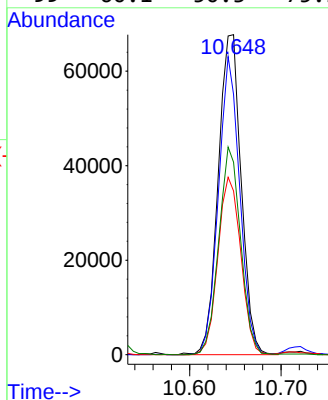
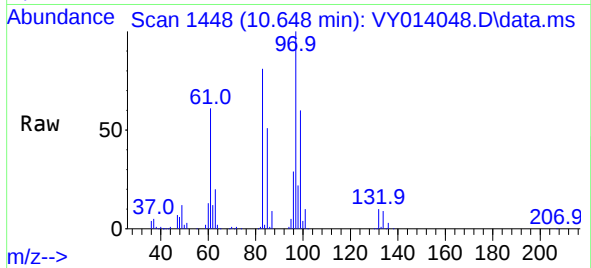


#55
1,1,2-Trichloroethane
Concen: 55.987 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 118608

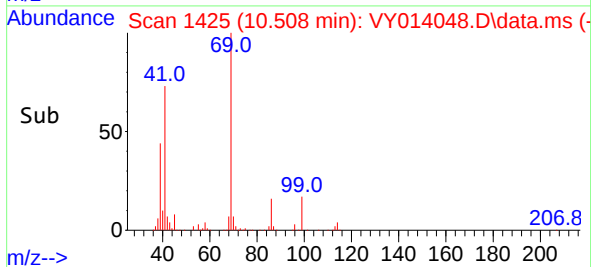
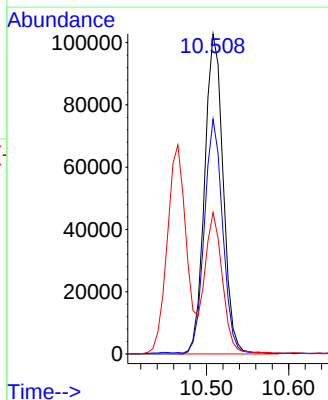
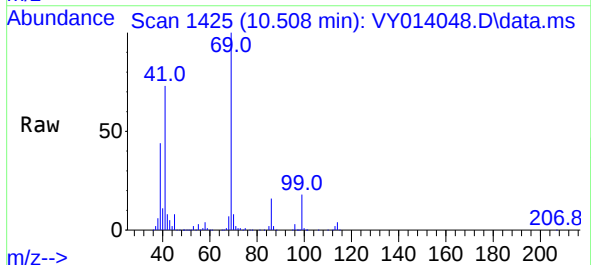
Ion	Ratio	Lower	Upper
97	100		
83	81.3	72.0	108.0
85	51.2	45.4	68.0
99	60.1	50.3	75.5

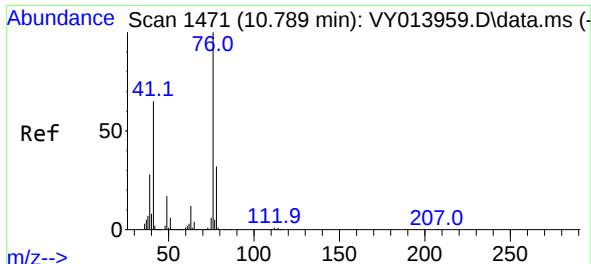


#56
Ethyl methacrylate
Concen: 52.816 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 69 Resp: 160651

Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.6	86.4
39	40.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 54.116 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

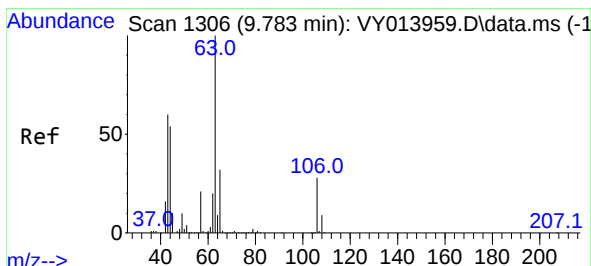
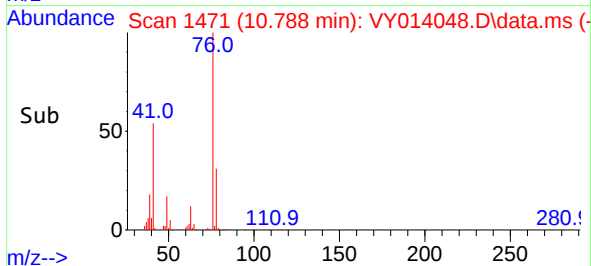
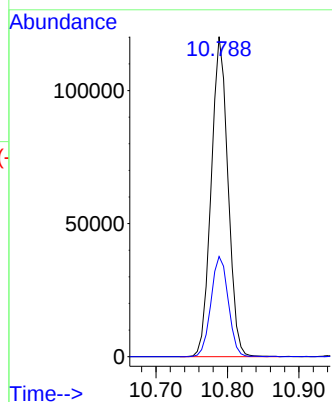
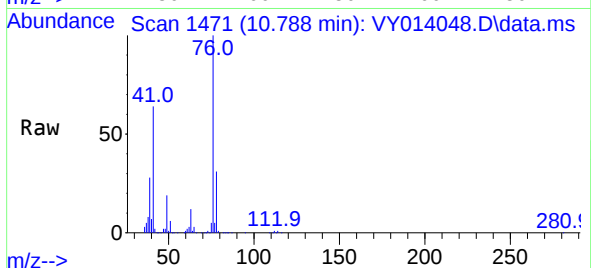
VSTDCCC050

Tgt Ion: 76 Resp: 195892

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 247.460 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY014048.D

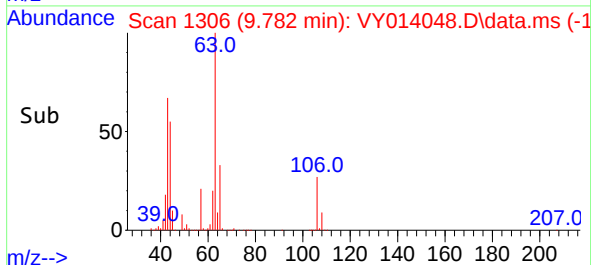
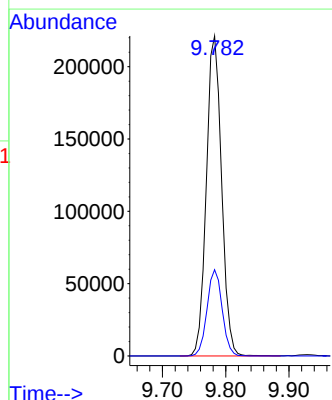
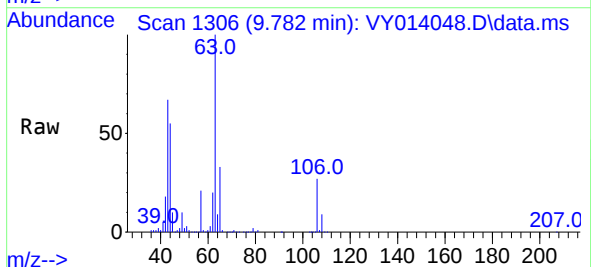
Acq: 07 Jun 2023 10:01

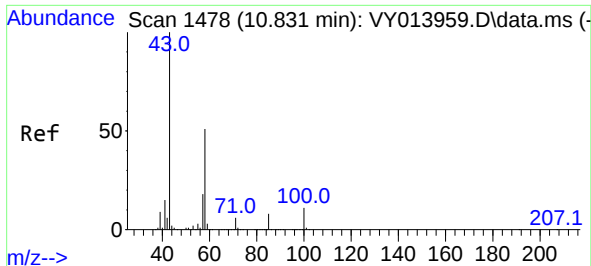
Tgt Ion: 63 Resp: 369958

Ion Ratio Lower Upper

63 100

106 26.8 21.2 31.8

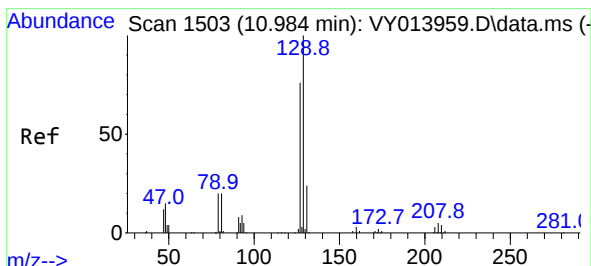
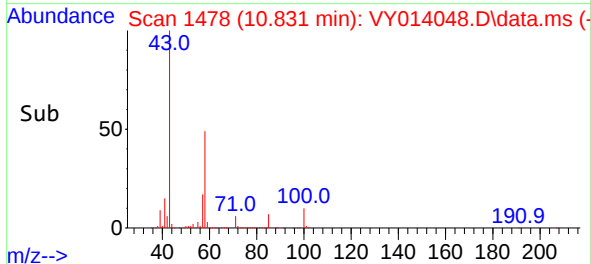
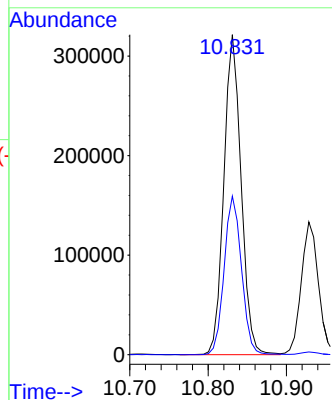
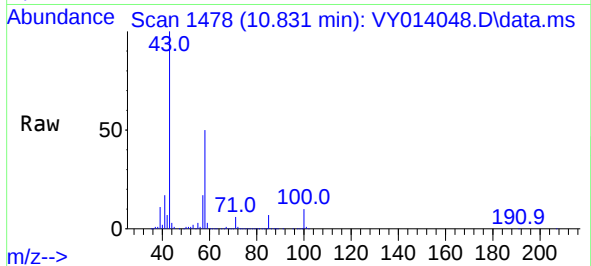




#59
2-Hexanone
Concen: 260.090 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

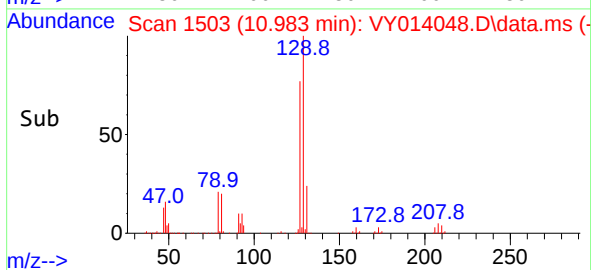
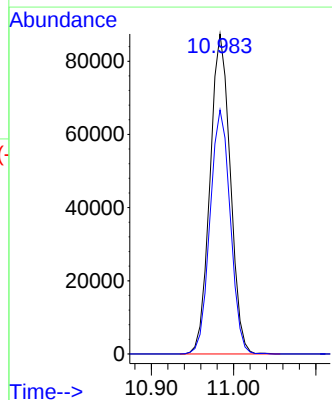
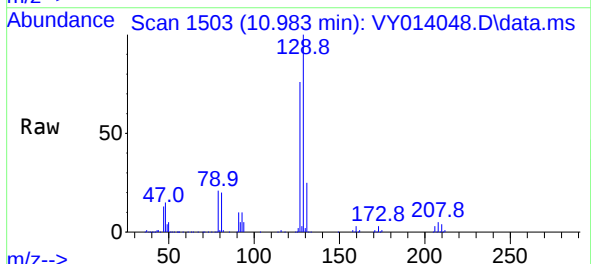
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

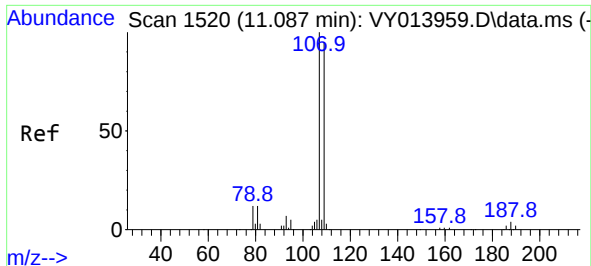
Tgt Ion: 43 Resp: 492382
Ion Ratio Lower Upper
43 100
58 49.8 25.1 75.3



#60
Dibromochloromethane
Concen: 55.772 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 129 Resp: 149332
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

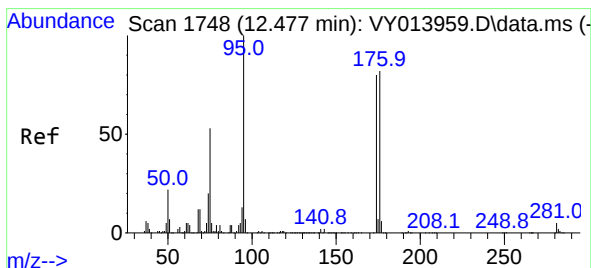
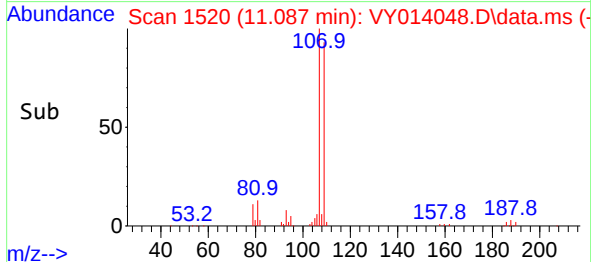
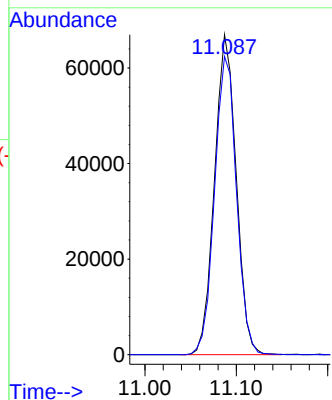
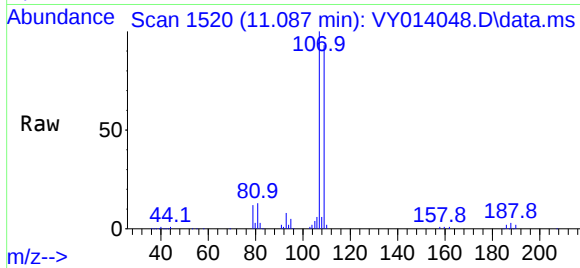




#61
1,2-Dibromoethane
Concen: 51.838 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

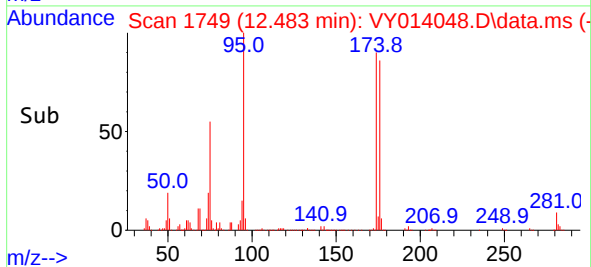
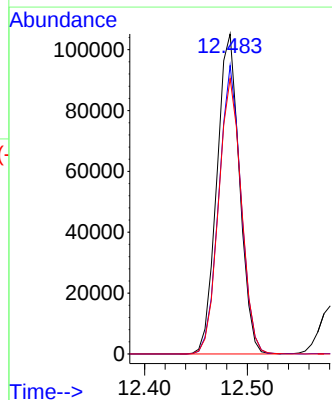
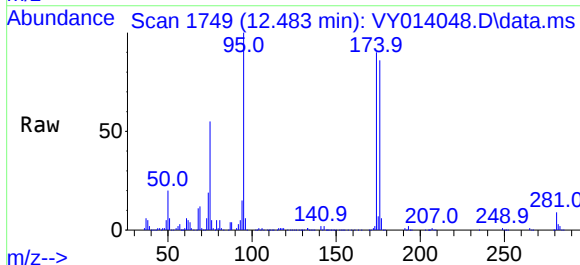
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

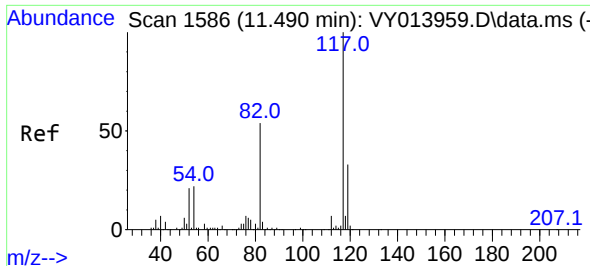
Tgt Ion:107 Resp: 110337
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 95 Resp: 160506
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 86.5 0.0 173.8

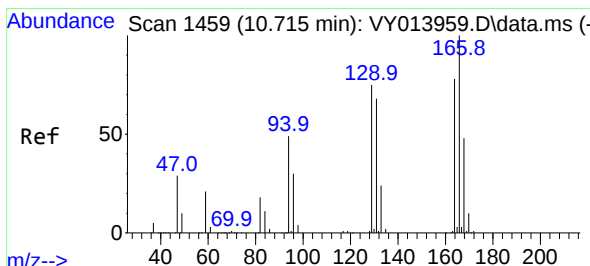
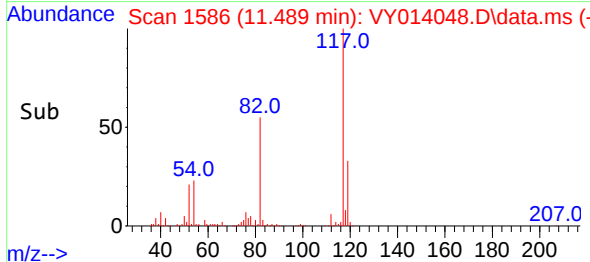
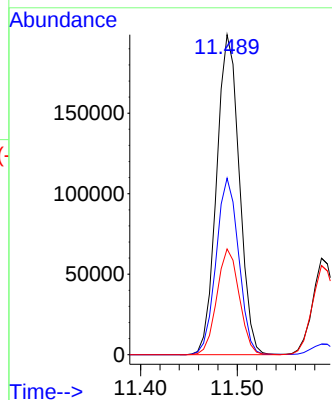
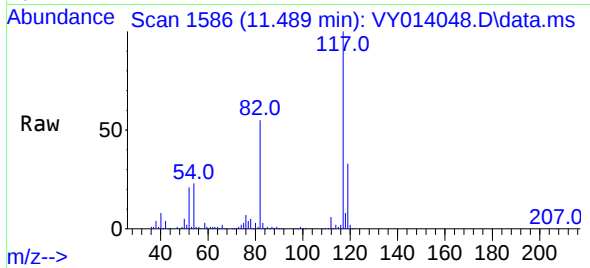




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

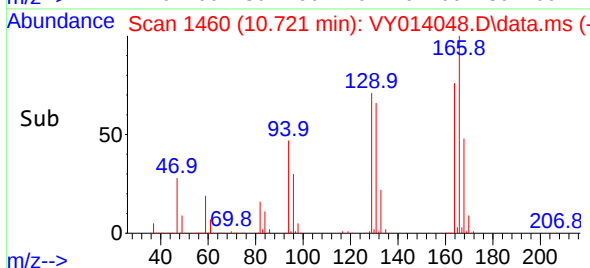
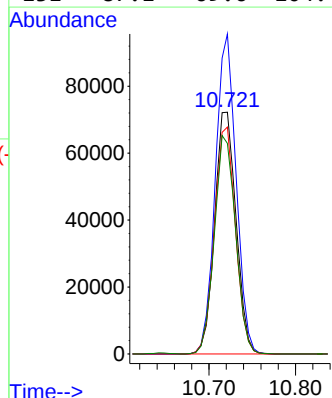
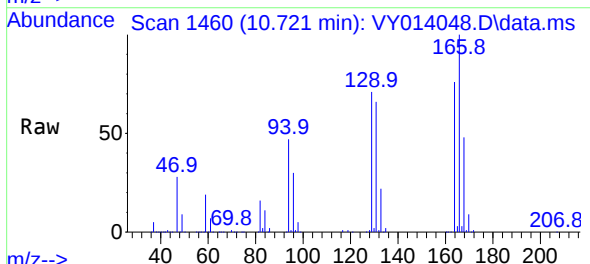
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

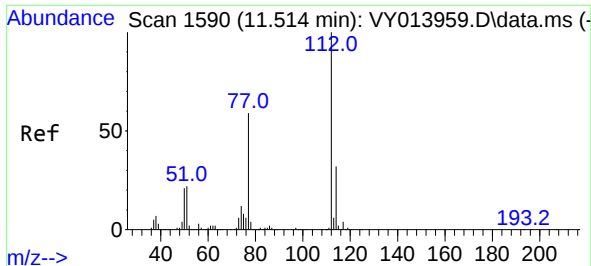
Tgt Ion:117 Resp: 324030
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 55.950 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:164 Resp: 124201
Ion Ratio Lower Upper
164 100
166 132.4 103.0 154.6
129 93.8 77.2 115.8
131 87.1 69.6 104.4

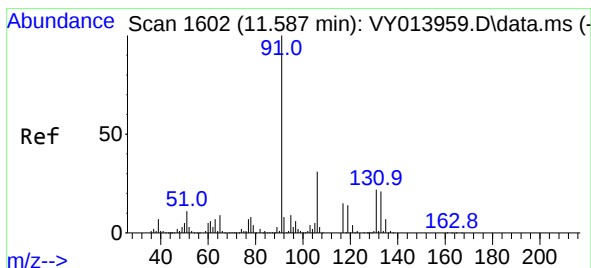
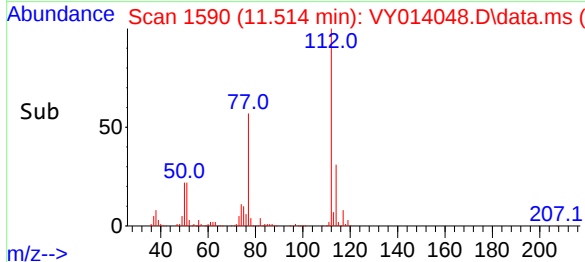
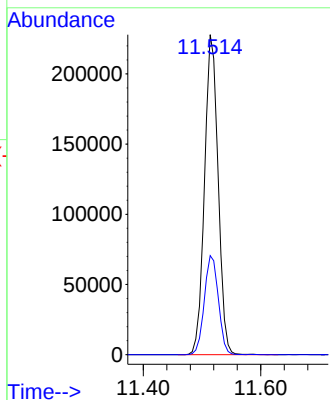
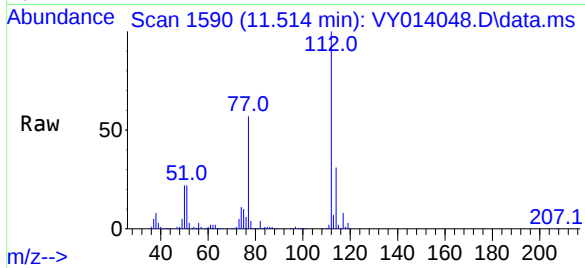




#65
Chlorobenzene
Concen: 55.070 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

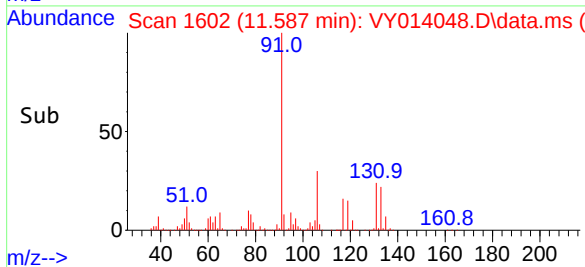
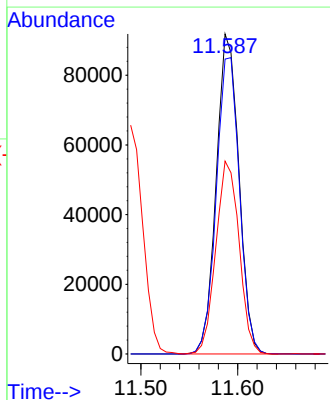
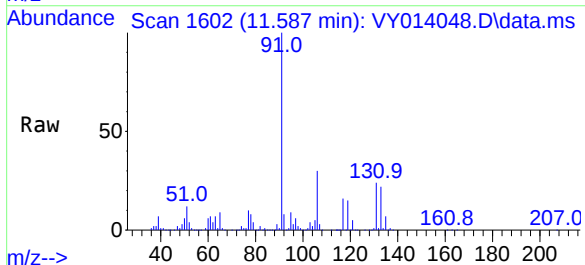
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

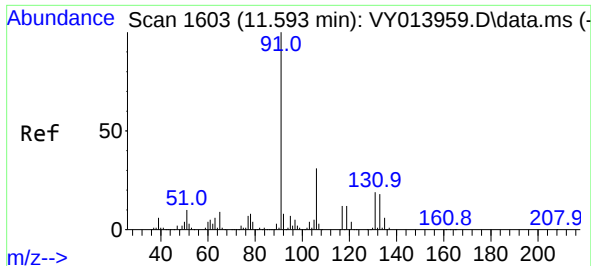
Tgt Ion:112 Resp: 366087
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.557 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:131 Resp: 148954
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 62.0 31.6 94.7





#67

Ethyl Benzene

Concen: 57.229 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

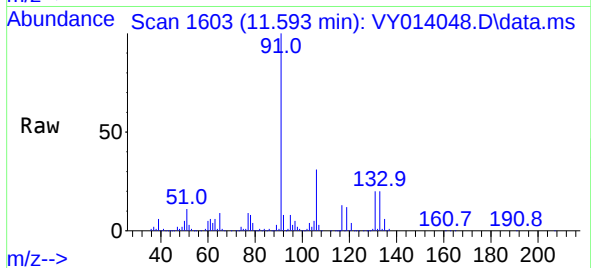
VSTDCCC050

Tgt Ion: 91 Resp: 658510

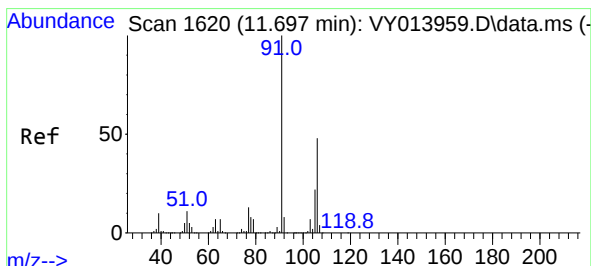
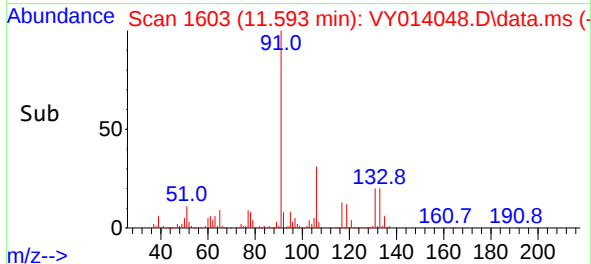
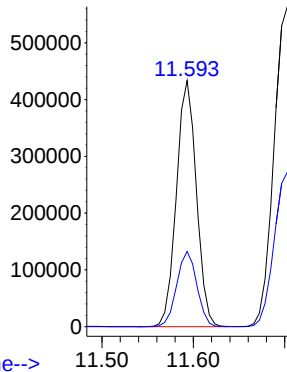
Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 114.497 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014048.D

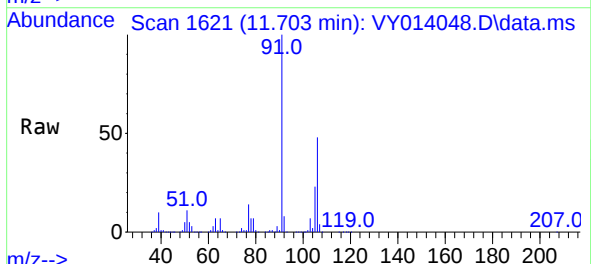
Acq: 07 Jun 2023 10:01

Tgt Ion:106 Resp: 503255

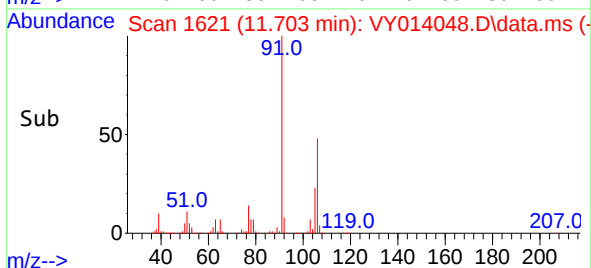
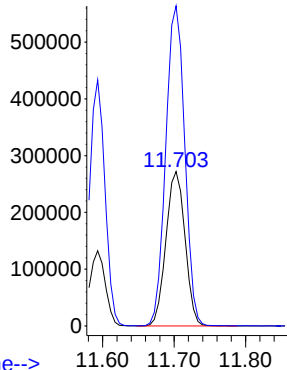
Ion Ratio Lower Upper

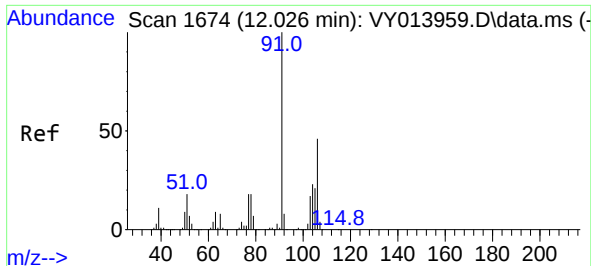
106 100

91 206.3 166.1 249.1



Abundance

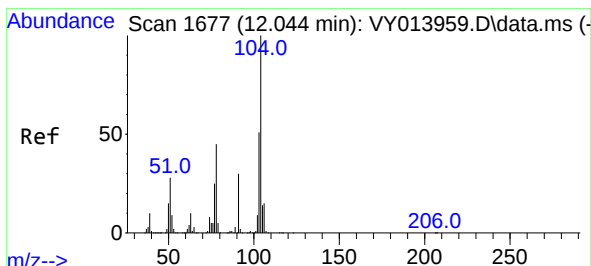
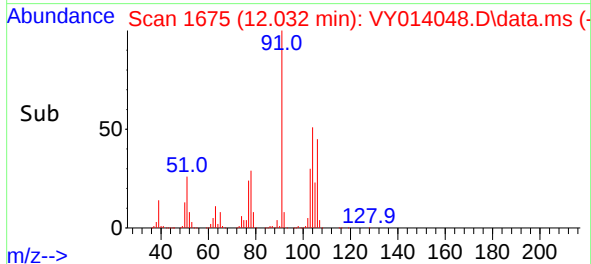
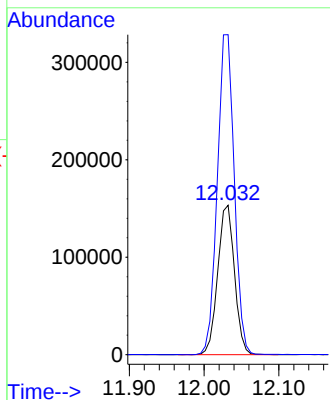
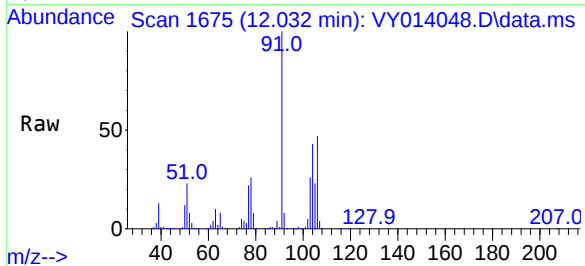




#69
o-Xylene
Concen: 56.926 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

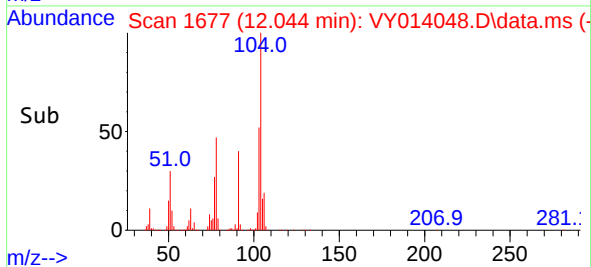
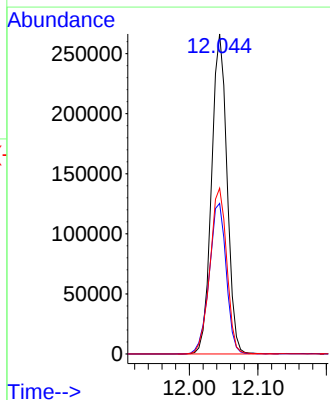
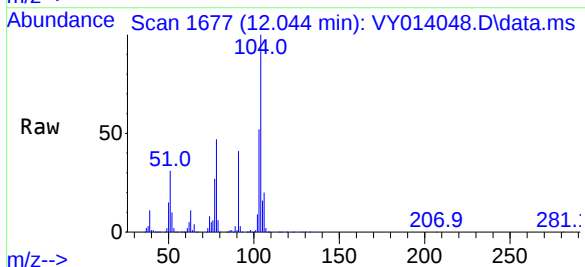
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

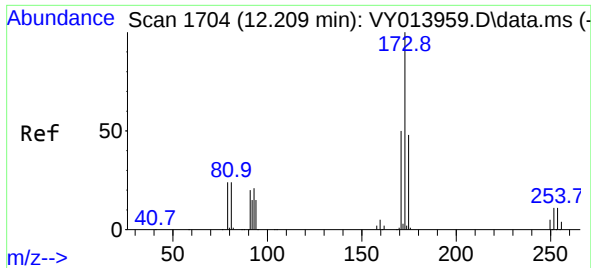
Tgt Ion:106 Resp: 239753
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.3



#70
Styrene
Concen: 57.780 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:104 Resp: 417986
Ion Ratio Lower Upper
104 100
78 51.6 41.5 62.3
103 56.2 44.6 67.0

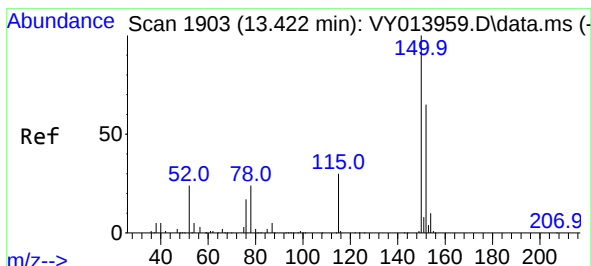
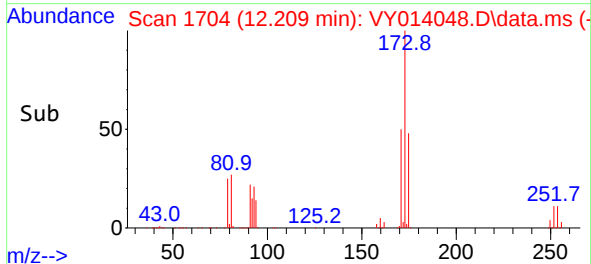
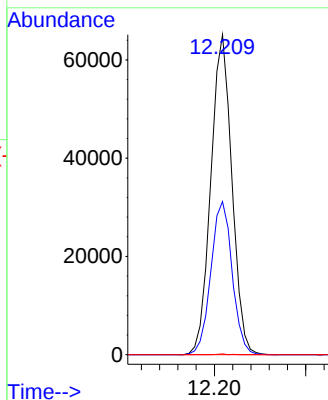
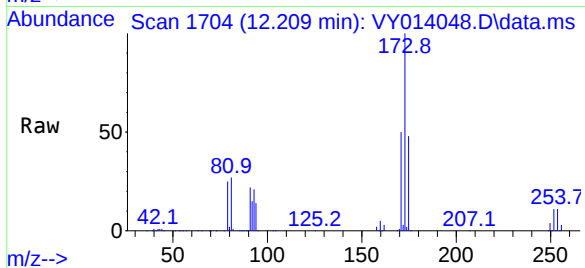




#71
Bromoform
Concen: 54.562 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

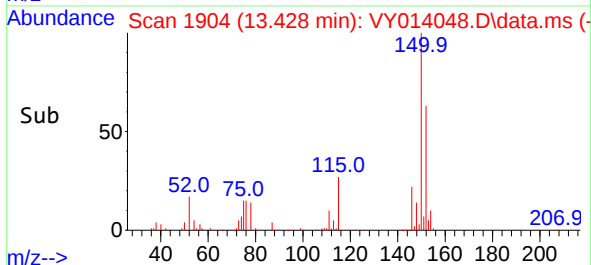
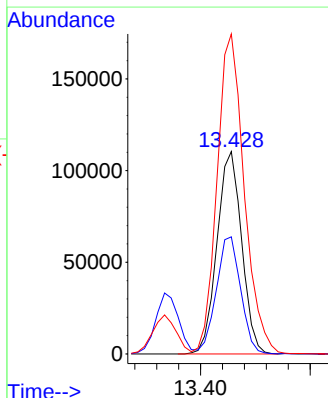
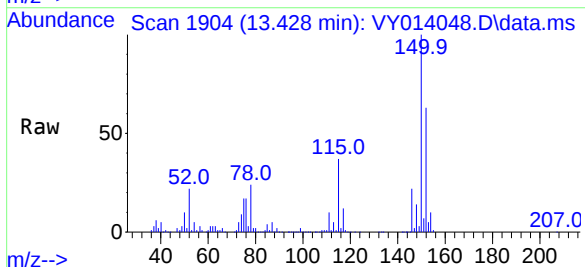
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

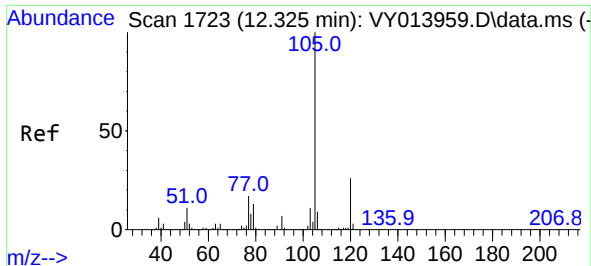
Tgt Ion:173 Resp: 104099
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:152 Resp: 172264
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 174.5 0.0 348.8

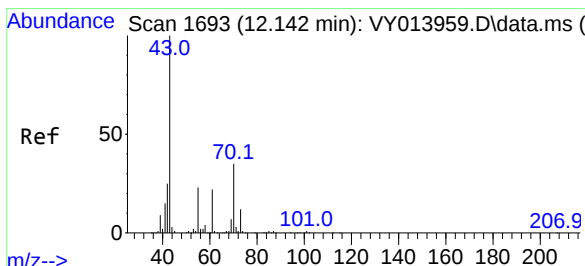
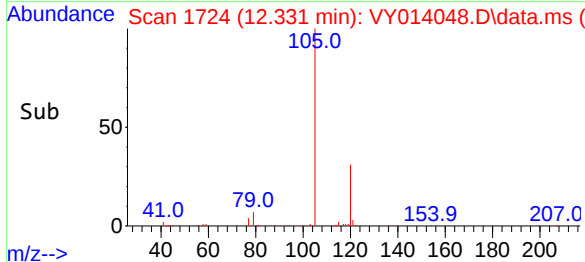
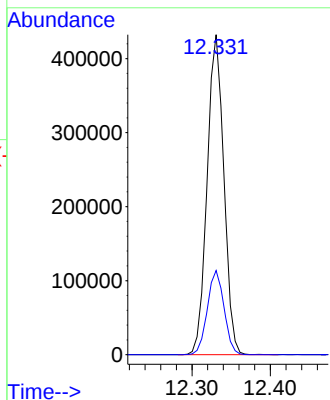
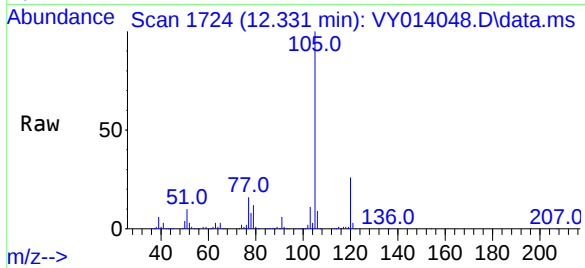




#73
Isopropylbenzene
Concen: 56.289 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

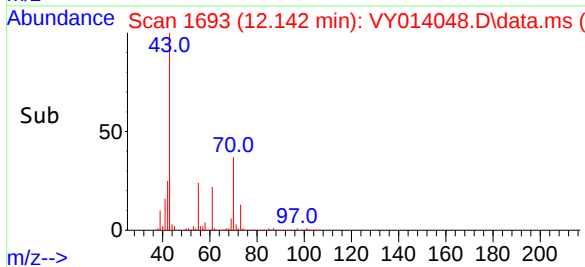
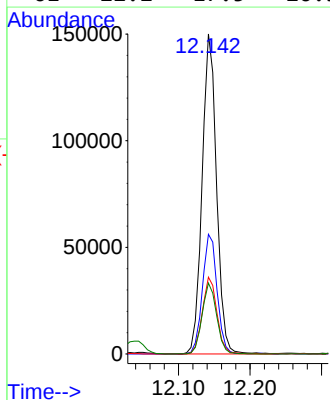
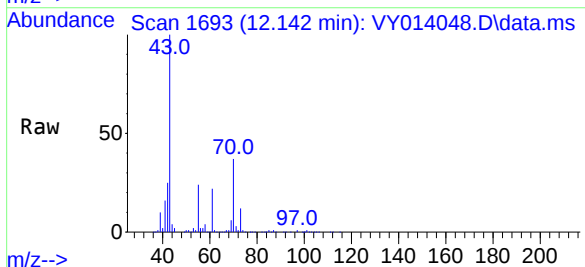
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

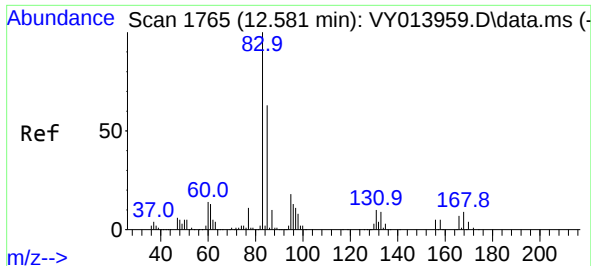
Tgt Ion:105 Resp: 640007
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9



#74
N-ethyl acetate
Concen: 48.316 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 43 Resp: 210769
Ion Ratio Lower Upper
43 100
70 37.9 29.7 44.5
55 24.4 18.3 27.5
61 22.2 17.5 26.3

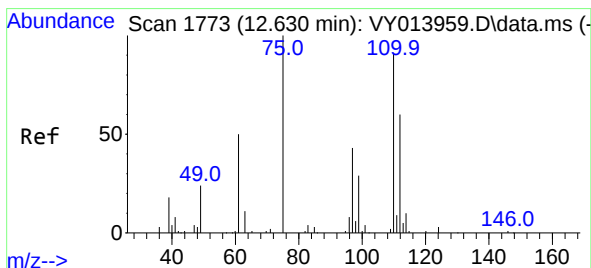
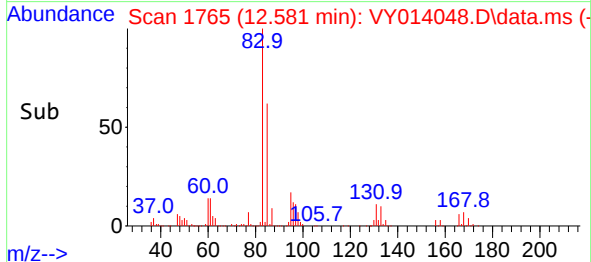
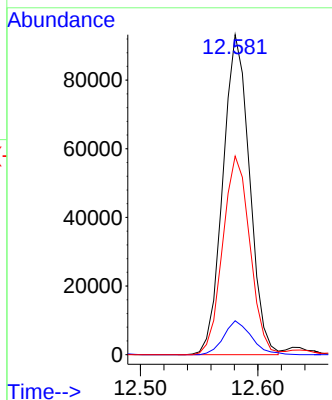
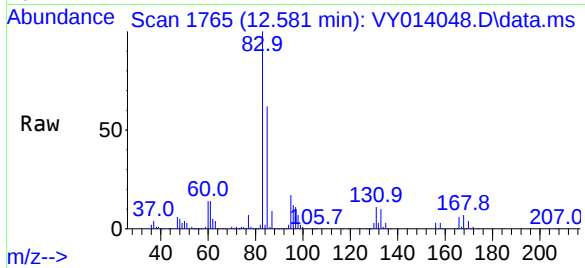




#75
1,1,2,2-Tetrachloroethane
Concen: 49.429 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

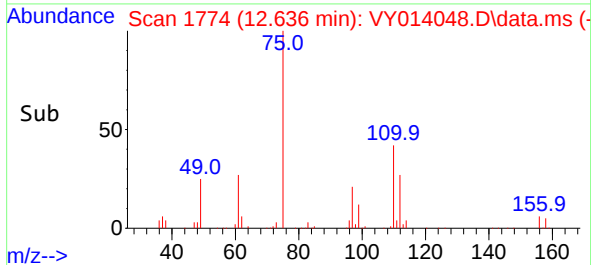
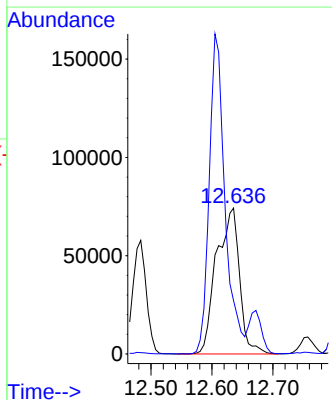
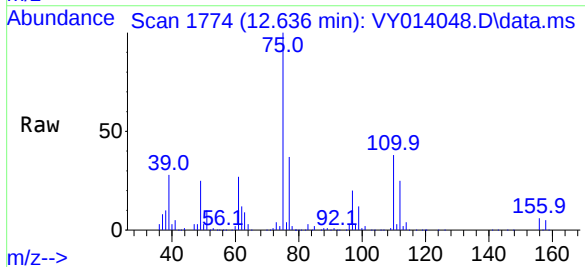
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

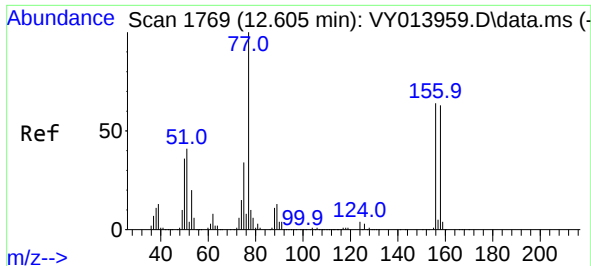
Tgt Ion: 83 Resp: 146886
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 63.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 84.235 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 75 Resp: 195268
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

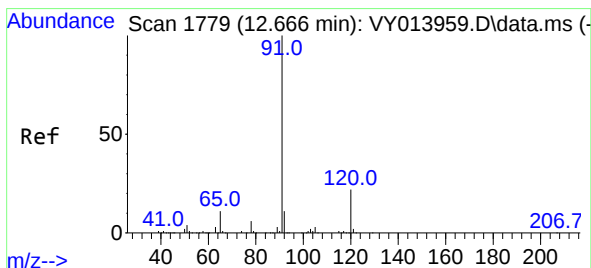
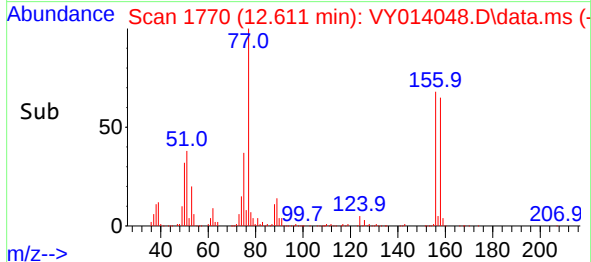
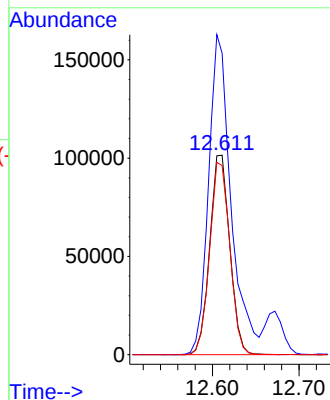
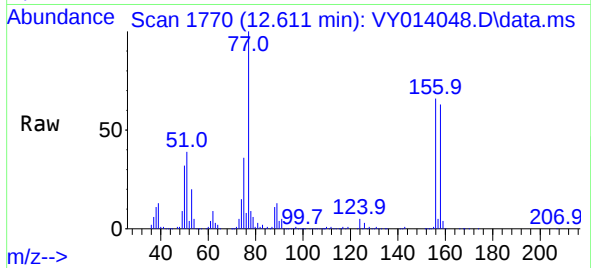




#77
Bromobenzene
Concen: 53.246 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

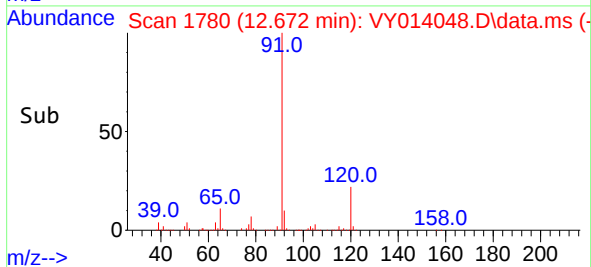
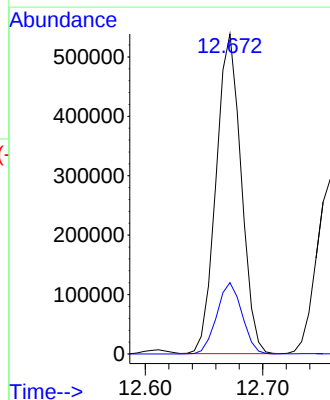
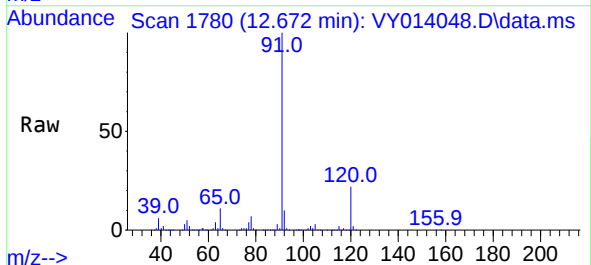
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

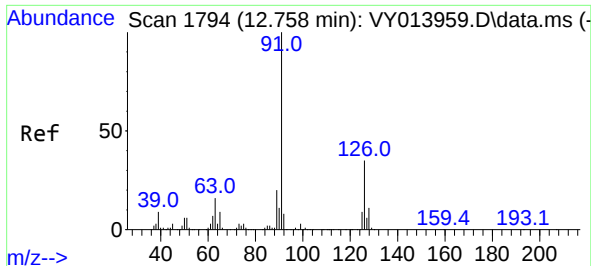
Tgt Ion:156 Resp: 163660
Ion Ratio Lower Upper
156 100
77 179.1 92.8 278.6
158 96.5 48.4 145.3



#78
n-propylbenzene
Concen: 57.125 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 91 Resp: 796033
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

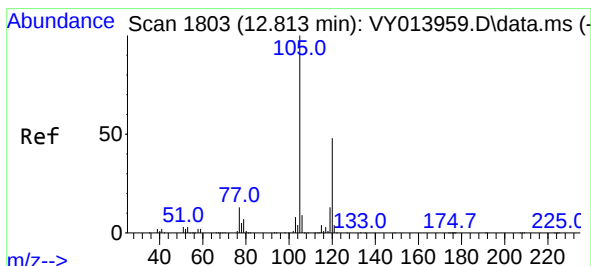
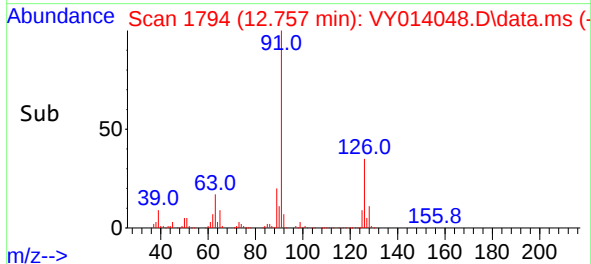
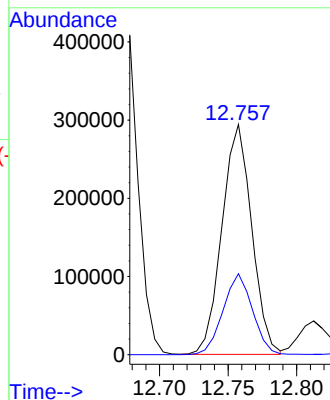
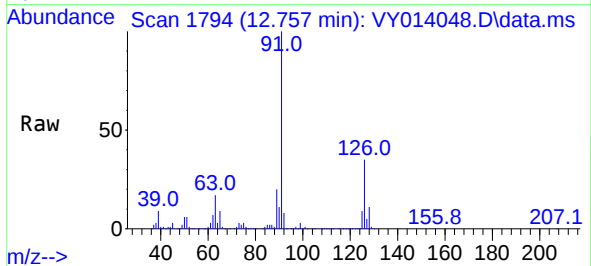




#79
2-Chlorotoluene
Concen: 53.936 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

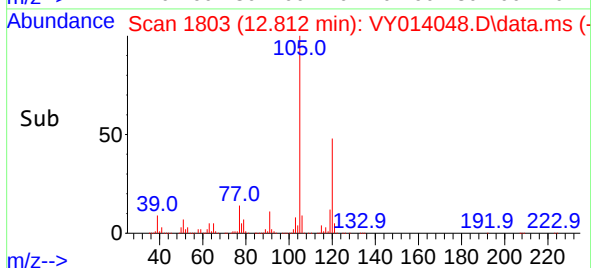
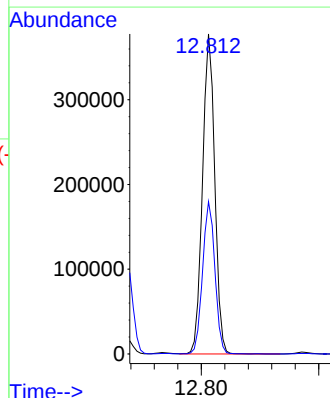
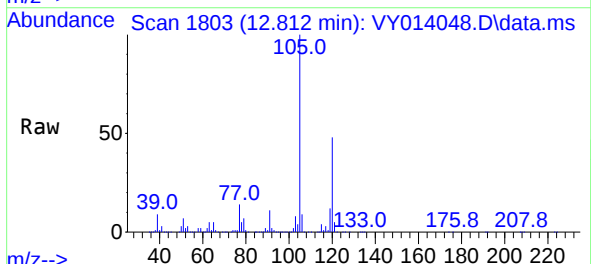
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

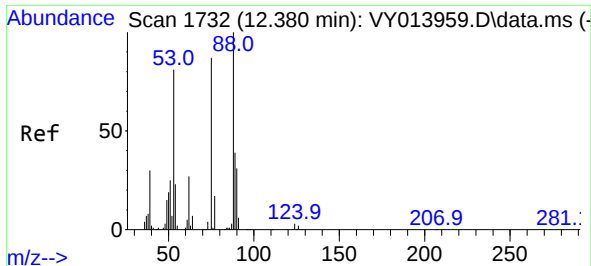
Tgt Ion: 91 Resp: 444952
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 56.186 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 105 Resp: 547533
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7

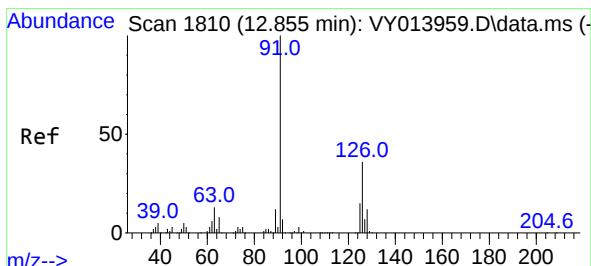
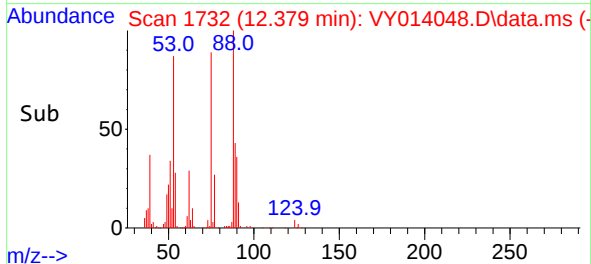
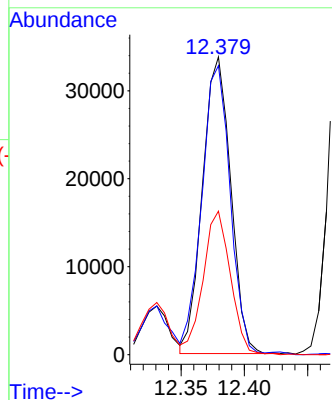
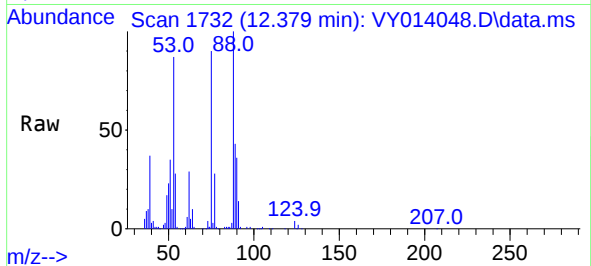




#81
trans-1,4-Dichloro-2-butene
Concen: 47.921 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

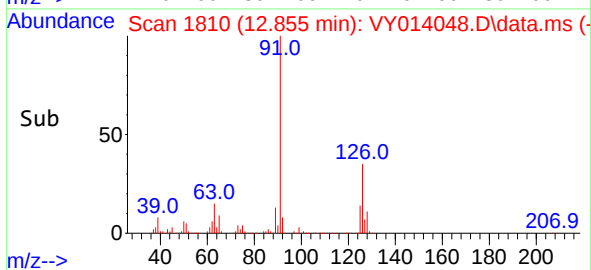
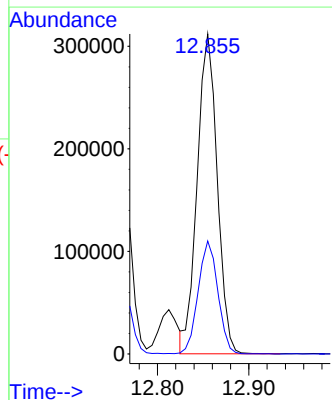
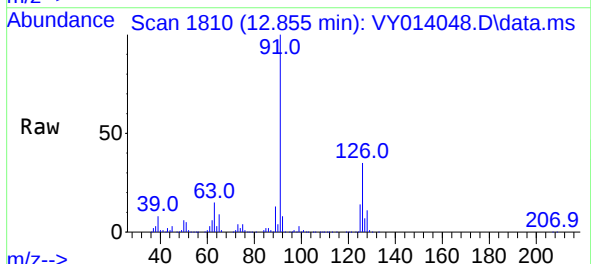
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

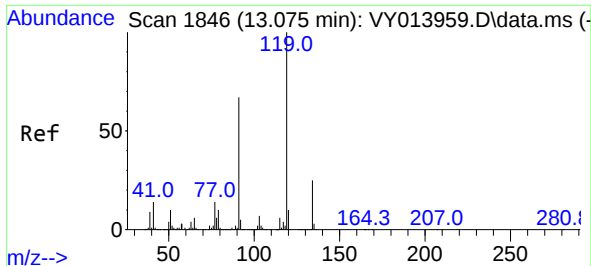
Tgt Ion: 75 Resp: 52363
Ion Ratio Lower Upper
75 100
53 97.1 77.8 116.8
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.670 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 91 Resp: 474324
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

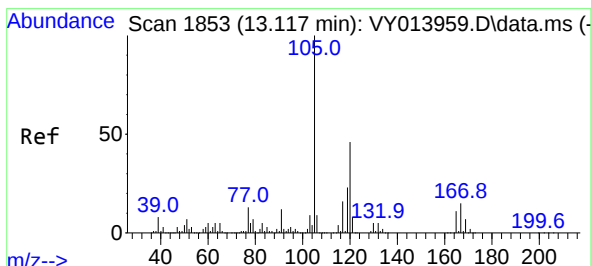
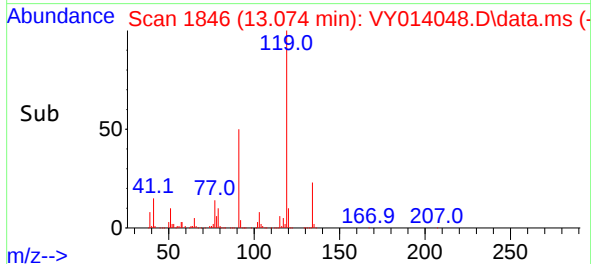
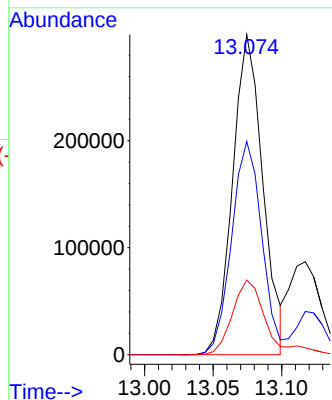
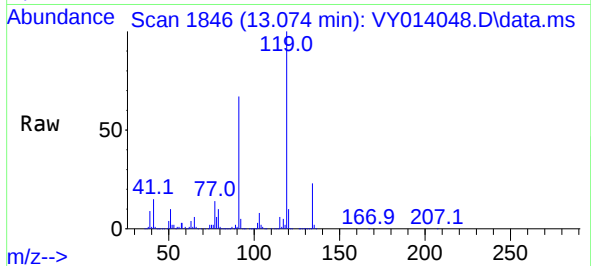




#83
tert-Butylbenzene
Concen: 56.432 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

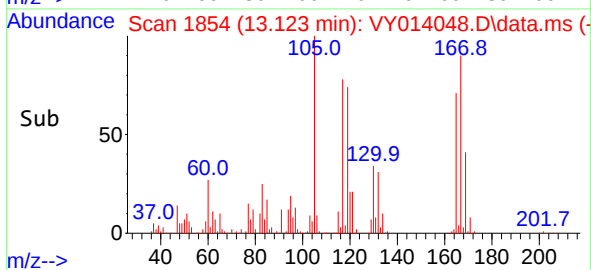
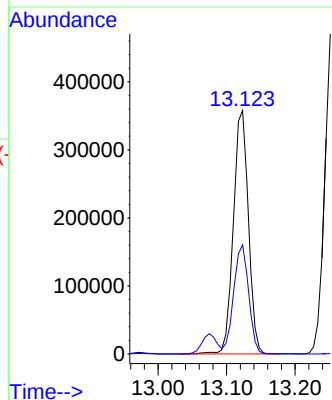
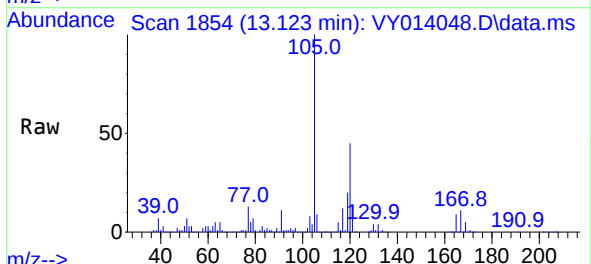
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

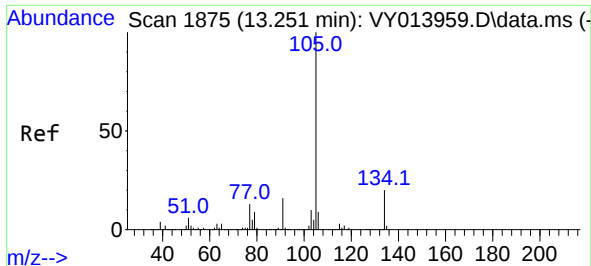
Tgt Ion:119 Resp: 460515
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.6
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 56.009 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:105 Resp: 545155
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6

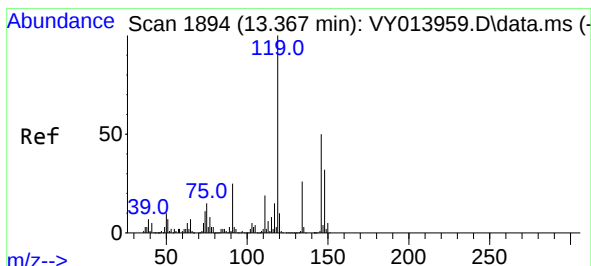
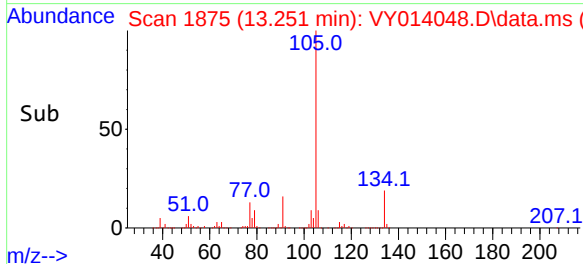
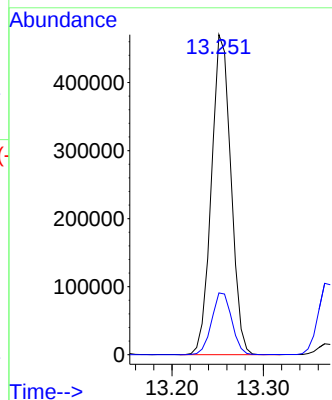
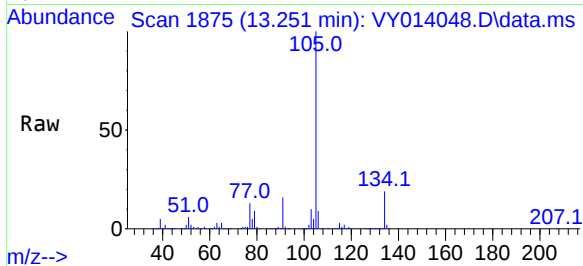




#85
 sec-Butylbenzene
 Concen: 58.609 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY014048.D
 Acq: 07 Jun 2023 10:01

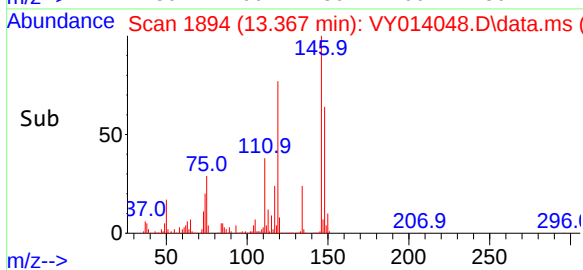
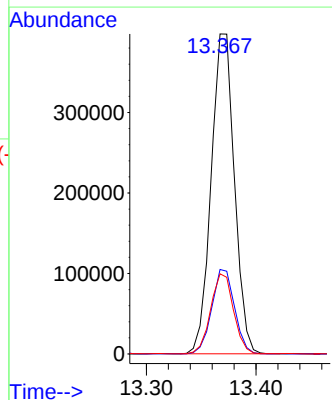
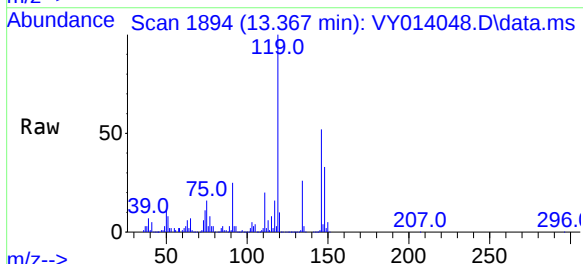
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

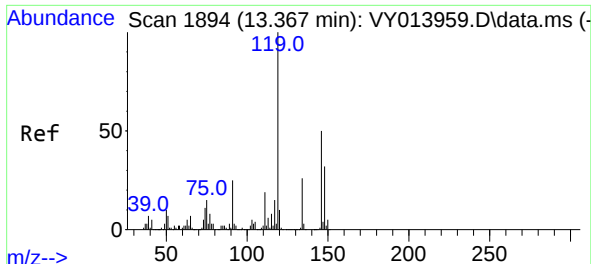
Tgt Ion:105 Resp: 695498
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 58.474 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY014048.D
 Acq: 07 Jun 2023 10:01

Tgt Ion:119 Resp: 585723
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.711 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

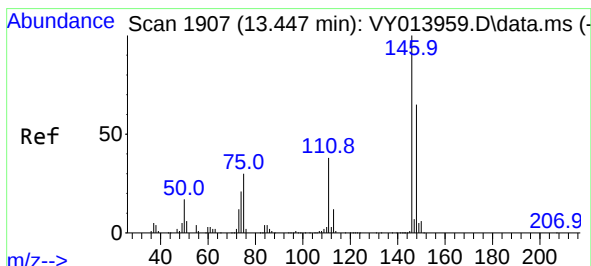
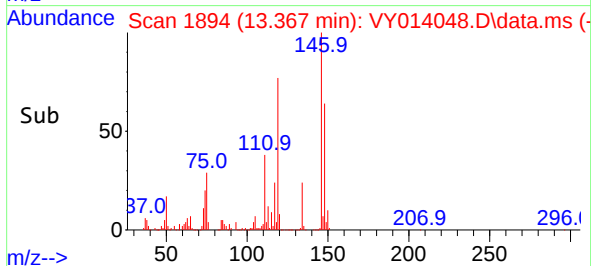
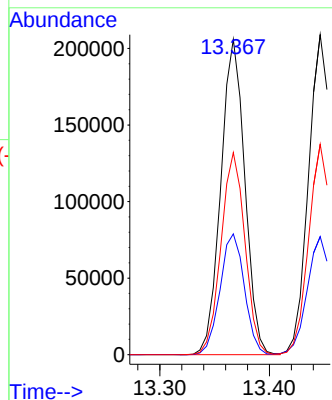
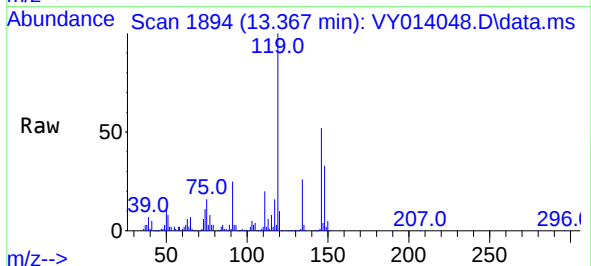
Tgt Ion:146 Resp: 313519

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.409 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

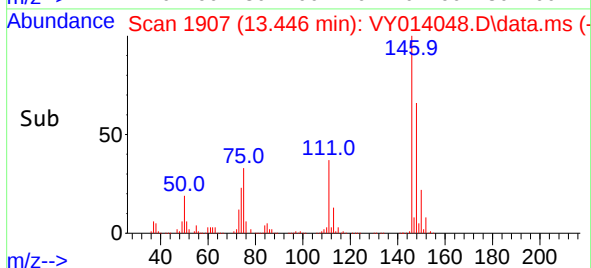
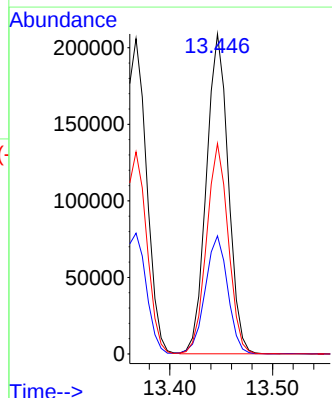
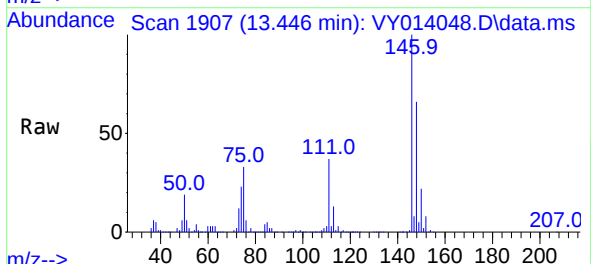
Tgt Ion:146 Resp: 309458

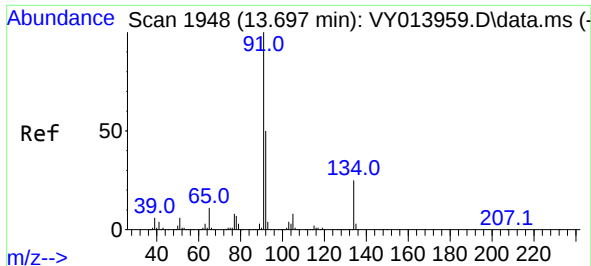
Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.7

148 65.4 32.1 96.5

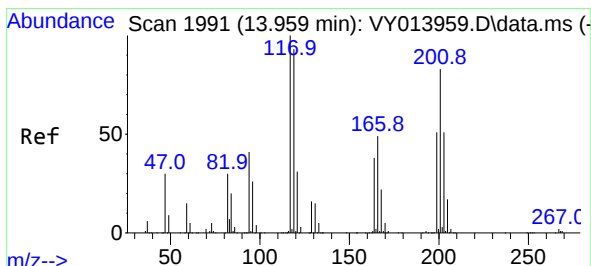
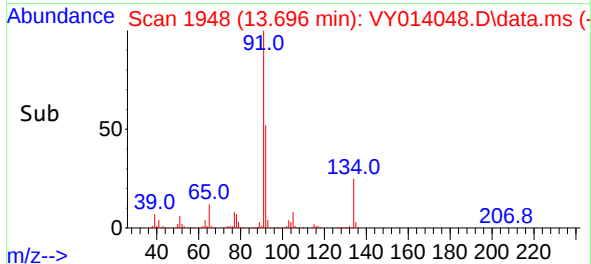
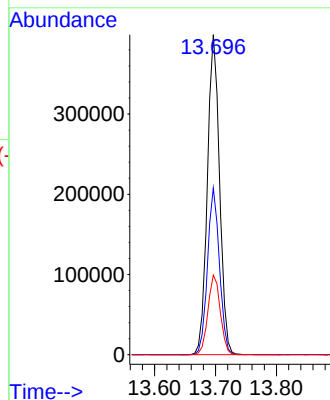
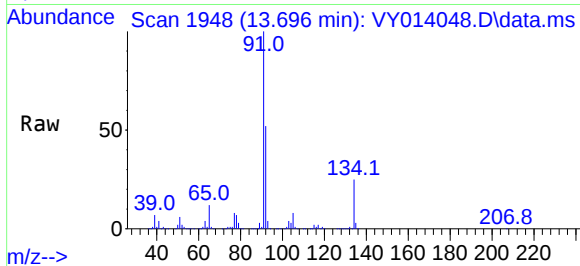




#89
n-Butylbenzene
Concen: 58.655 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

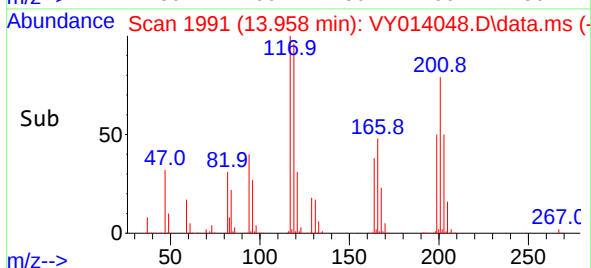
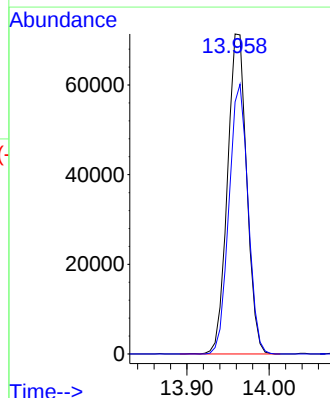
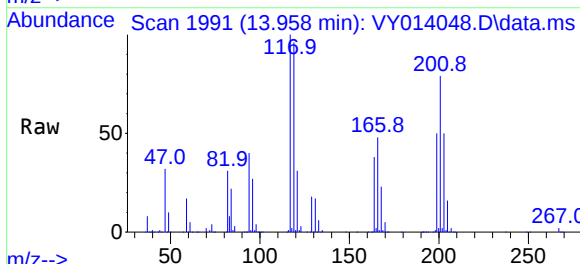
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

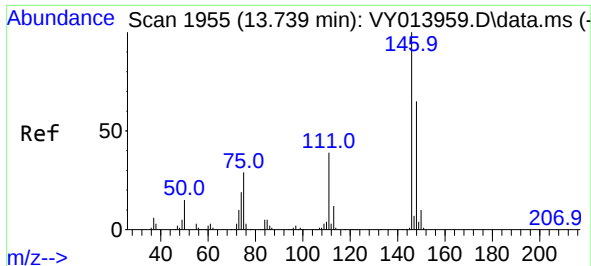
Tgt Ion: 91 Resp: 554368
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 25.3 12.6 37.6



#90
Hexachloroethane
Concen: 55.488 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 117 Resp: 116652
Ion Ratio Lower Upper
117 100
201 83.3 41.6 124.8

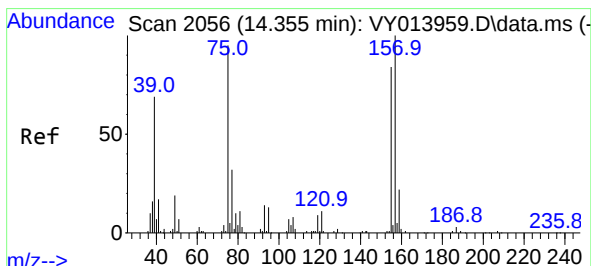
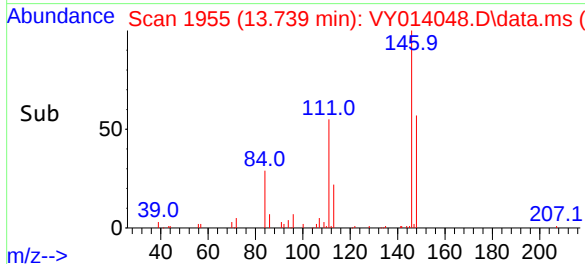
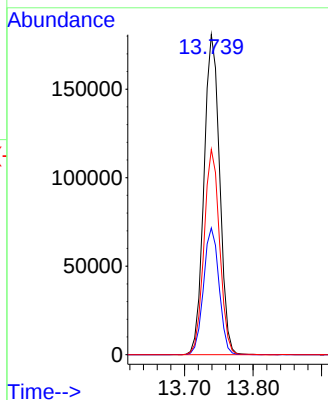
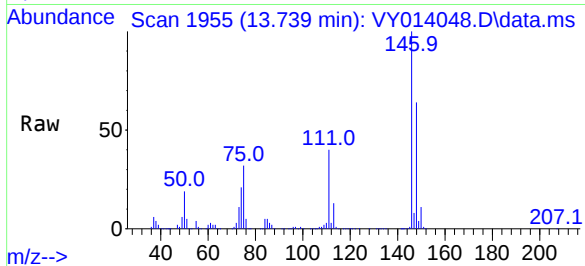




#91
1,2-Dichlorobenzene
Concen: 53.474 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

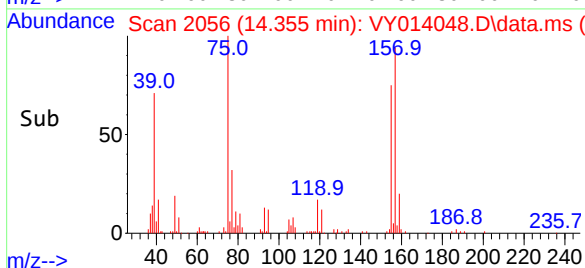
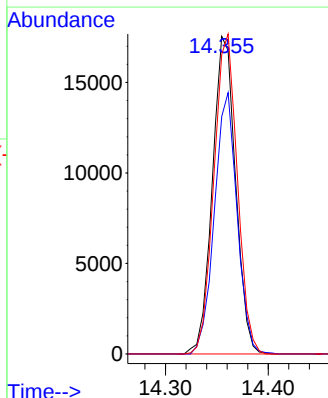
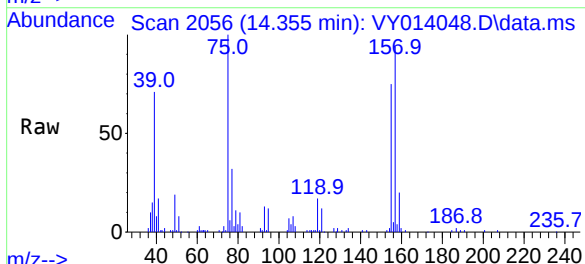
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

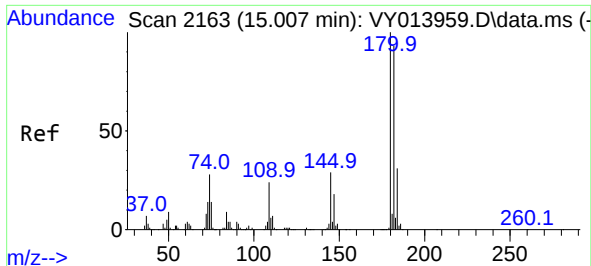
Tgt Ion:146 Resp: 287552
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.849 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion: 75 Resp: 27425
Ion Ratio Lower Upper
75 100
155 80.5 41.5 124.6
157 101.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.464 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

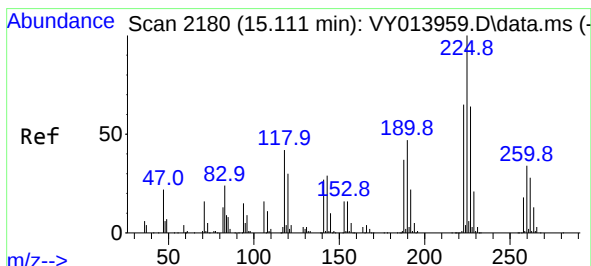
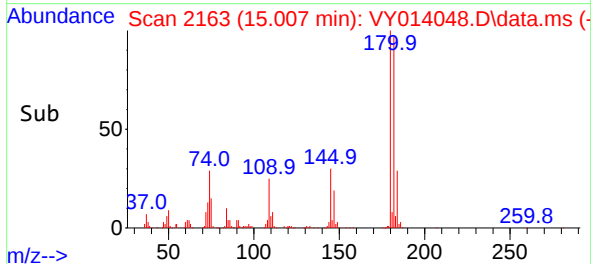
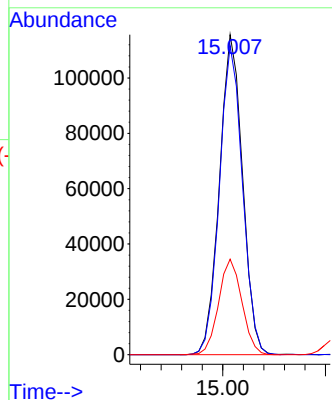
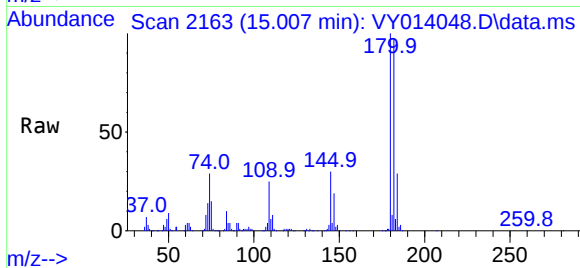
Tgt Ion:180 Resp: 180041

Ion Ratio Lower Upper

180 100

182 96.5 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 61.589 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014048.D

Acq: 07 Jun 2023 10:01

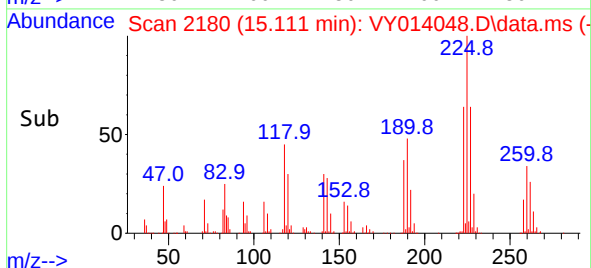
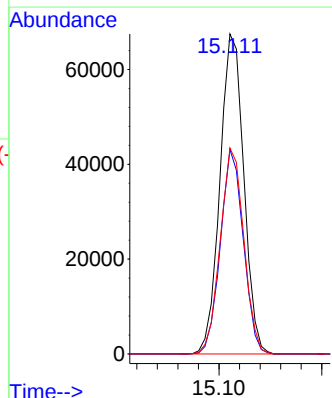
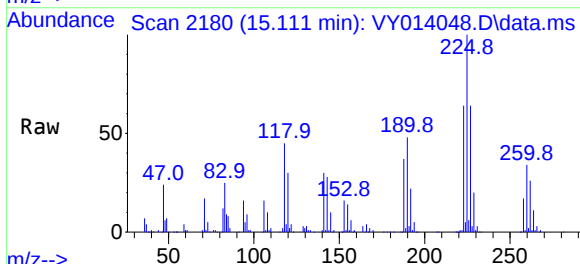
Tgt Ion:225 Resp: 108445

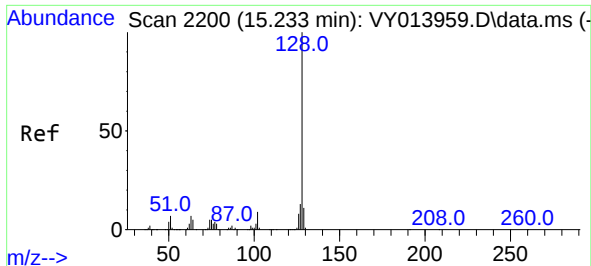
Ion Ratio Lower Upper

225 100

223 61.3 31.9 95.9

227 63.8 33.0 98.9

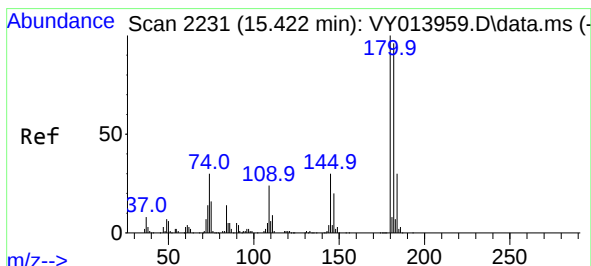
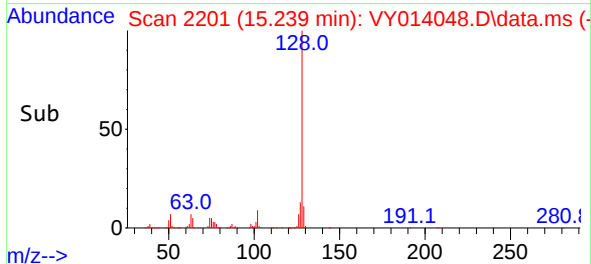
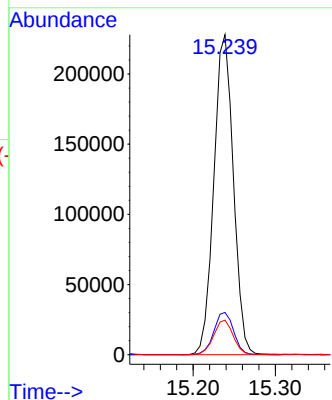
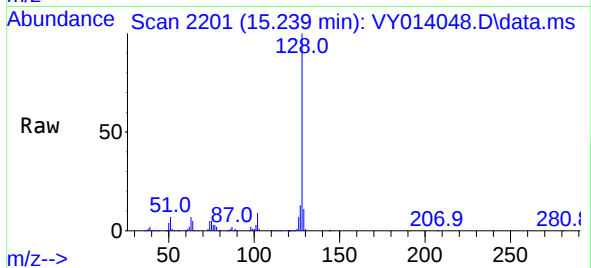




#95
Naphthalene
Concen: 46.987 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 375779
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.058 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY014048.D
Acq: 07 Jun 2023 10:01

Tgt Ion:180 Resp: 162760
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 31.7 15.4 46.2

