

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014974.D
 Acq On : 08 Aug 2023 10:25
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 08 15:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	304884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	505687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	461579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	232739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	246939	66.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.660%	
35) Dibromofluoromethane	7.716	113	220025	68.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.080%	
50) Toluene-d8	10.179	98	805085	65.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 130.820%	
62) 4-Bromofluorobenzene	12.477	95	290353	66.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 133.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77574	45.606	ug/l	96
3) Chloromethane	2.113	50	107531	44.816	ug/l	98
4) Vinyl Chloride	2.247	62	131370	44.433	ug/l	99
5) Bromomethane	2.643	94	104398	55.631	ug/l	99
6) Chloroethane	2.790	64	97081	47.557	ug/l	97
7) Trichlorofluoromethane	3.119	101	209388	44.816	ug/l	97
8) Diethyl Ether	3.527	74	85134	49.380	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	126390	45.697	ug/l	96
10) Methyl Iodide	4.088	142	147735	51.664	ug/l	97
11) Tert butyl alcohol	4.960	59	172549	193.478	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	114092	47.344	ug/l	94
13) Acrolein	3.729	56	93068	306.761	ug/l	97
14) Allyl chloride	4.479	41	197773	49.283	ug/l	97
15) Acrylonitrile	5.161	53	265043	251.636	ug/l	100
16) Acetone	3.948	43	325996	282.908	ug/l	92
17) Carbon Disulfide	4.192	76	244940	45.971	ug/l	100
18) Methyl Acetate	4.479	43	215374	51.324	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	457692	50.200	ug/l	98
20) Methylene Chloride	4.716	84	214770	49.310	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	132564	48.259	ug/l	96
22) Diisopropyl ether	6.118	45	472328	50.530	ug/l	94
23) Vinyl Acetate	6.057	43	1418221	252.394	ug/l	95
24) 1,1-Dichloroethane	6.015	63	264135	49.818	ug/l	95
25) 2-Butanone	6.984	43	422929	256.252	ug/l	95
26) 2,2-Dichloropropane	6.984	77	247885	46.205	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	172609	49.654	ug/l	95
28) Bromochloromethane	7.332	49	114886	48.067	ug/l	92
29) Tetrahydrofuran	7.350	42	243668	251.761	ug/l	93
30) Chloroform	7.508	83	290622	50.459	ug/l	97
31) Cyclohexane	7.783	56	184076	48.015	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	247662	48.793	ug/l	99
36) 1,1-Dichloropropene	7.917	75	188077	46.846	ug/l	100
37) Ethyl Acetate	7.076	43	155553	48.812	ug/l #	96
38) Carbon Tetrachloride	7.899	117	213579	47.321	ug/l	99
39) Methylcyclohexane	9.185	83	216225	45.288	ug/l	93
40) Benzene	8.161	78	568413	48.081	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	223192	144.117	ug/l	# 29
42) 1,2-Dichloroethane	8.234	62	203073	49.348	ug/l	95
43) Isopropyl Acetate	8.271	43	292122	49.339	ug/l	97
44) Trichloroethene	8.941	130	162291	47.843	ug/l	97
45) 1,2-Dichloropropane	9.215	63	154162	49.067	ug/l	98
46) Dibromomethane	9.307	93	99887	49.351	ug/l	97
47) Bromodichloromethane	9.496	83	235129	50.448	ug/l	98
48) Methyl methacrylate	9.295	41	129932	50.017	ug/l	94
49) 1,4-Dioxane	9.295	88	37347	992.027	ug/l	# 50
51) 4-Methyl-2-Pentanone	10.069	43	834217	250.022	ug/l	94
52) Toluene	10.246	92	368559	48.446	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	248116	51.118	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	261932	49.949	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	146095	49.664	ug/l	96
56) Ethyl methacrylate	10.508	69	213996	50.804	ug/l	90
57) 1,3-Dichloropropane	10.788	76	240428	49.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	502435	252.270	ug/l	93
59) 2-Hexanone	10.831	43	634559	257.450	ug/l	92
60) Dibromochloromethane	10.983	129	176087	50.273	ug/l	99
61) 1,2-Dibromoethane	11.087	107	138845	49.449	ug/l	100
64) Tetrachloroethene	10.721	164	166308	47.899	ug/l	97
65) Chlorobenzene	11.514	112	422824	48.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	169889	49.501	ug/l	99
67) Ethyl Benzene	11.593	91	735093	47.823	ug/l	97
68) m/p-Xylenes	11.697	106	561619	95.511	ug/l	95
69) o-Xylene	12.026	106	278963	48.484	ug/l	99
70) Styrene	12.044	104	482421	49.061	ug/l	97
71) Bromoform	12.203	173	118783	50.212	ug/l	# 99
73) Isopropylbenzene	12.325	105	740844	47.353	ug/l	100
74) N-amyl acetate	12.142	43	263386	49.274	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	184812	48.338	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	242519	86.963	ug/l	# 100
77) Bromobenzene	12.605	156	181193	47.746	ug/l	97
78) n-propylbenzene	12.666	91	874255	46.721	ug/l	99
79) 2-Chlorotoluene	12.751	91	507487	47.586	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	614668	47.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	63665	50.293	ug/l	97
82) 4-Chlorotoluene	12.849	91	527757	47.870	ug/l	100
83) tert-Butylbenzene	13.068	119	558582	47.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	614679	47.586	ug/l	99
85) sec-Butylbenzene	13.251	105	811736	46.894	ug/l	99
86) p-Isopropyltoluene	13.367	119	684080	47.743	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	357266	48.096	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	356247	48.091	ug/l	99
89) n-Butylbenzene	13.690	91	640992	47.613	ug/l	96
90) Hexachloroethane	13.959	117	133227	47.881	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	334477	48.790	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36554	48.967	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	220149	50.184	ug/l	99
94) Hexachlorobutadiene	15.111	225	114284	48.042	ug/l	98
95) Naphthalene	15.233	128	525757	50.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	198698	50.039	ug/l	99

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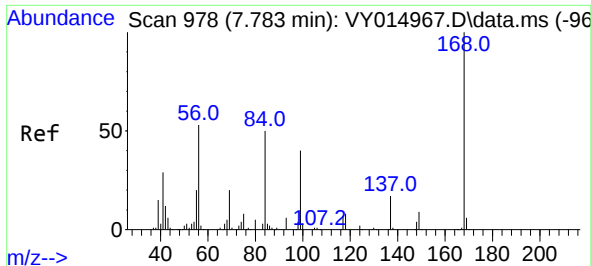
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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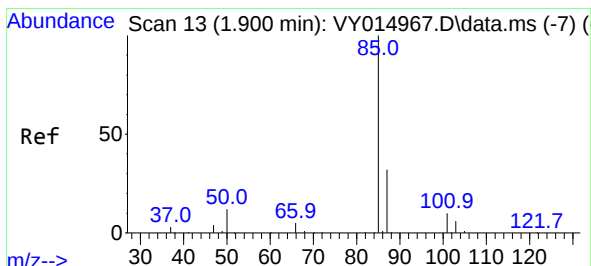
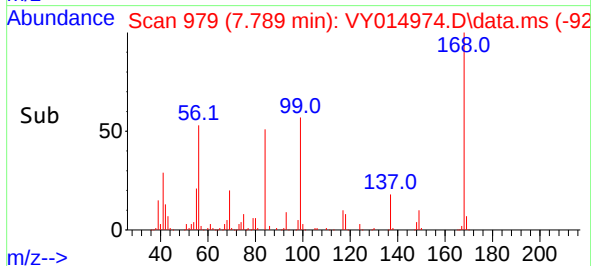
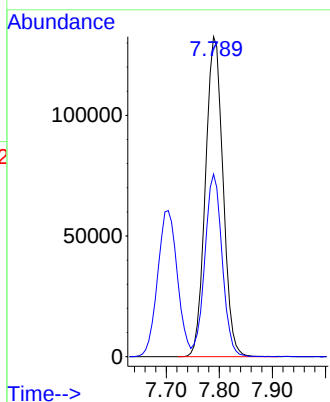
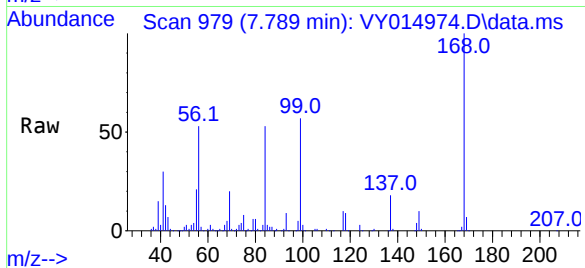




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014974.D
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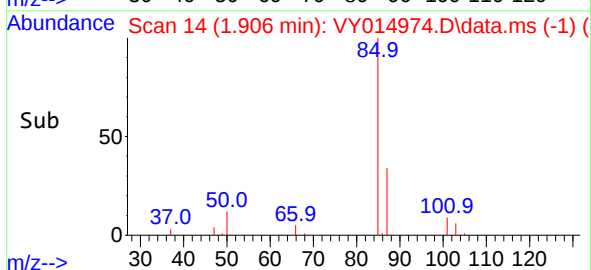
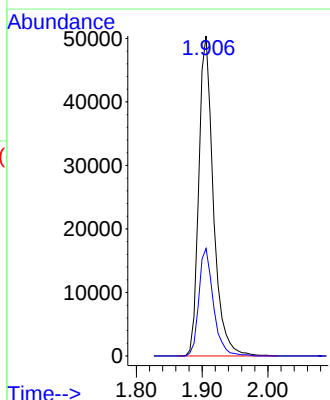
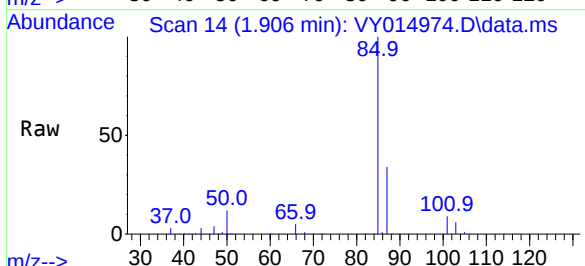
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

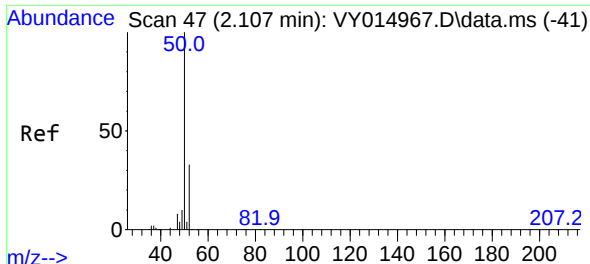
Tgt Ion:168 Resp: 304884
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.606 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 85 Resp: 77574
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8

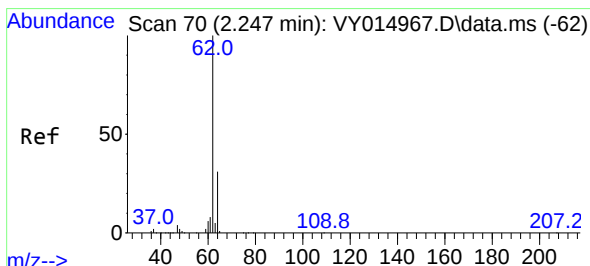
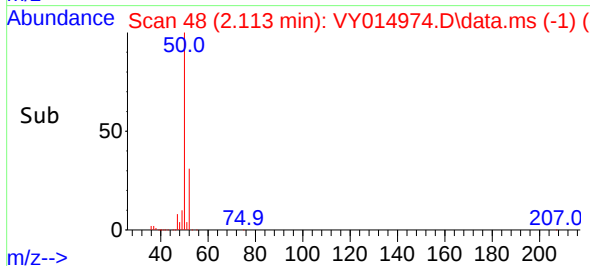
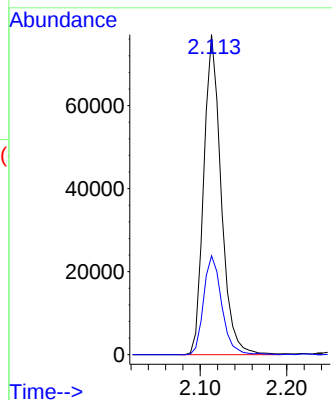
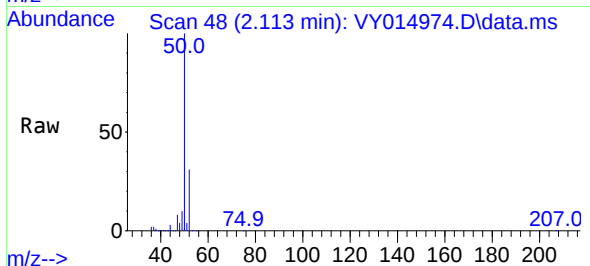




#3
Chloromethane
Concen: 44.816 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

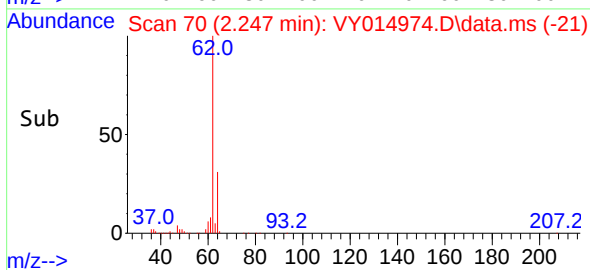
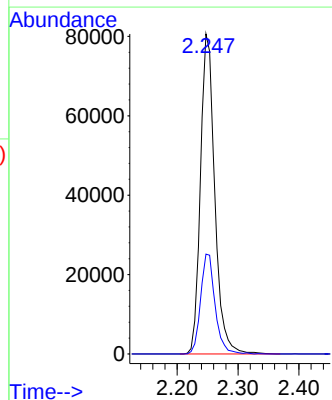
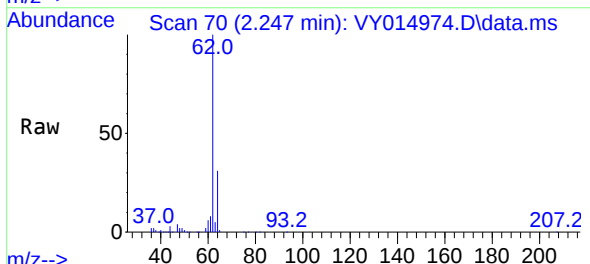
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

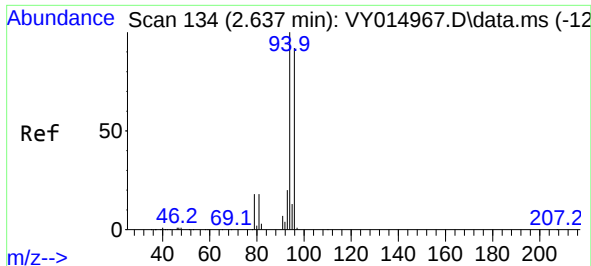
Tgt Ion: 50 Resp: 107531
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 44.433 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 62 Resp: 131370
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

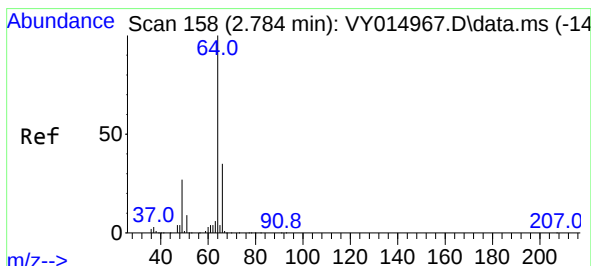
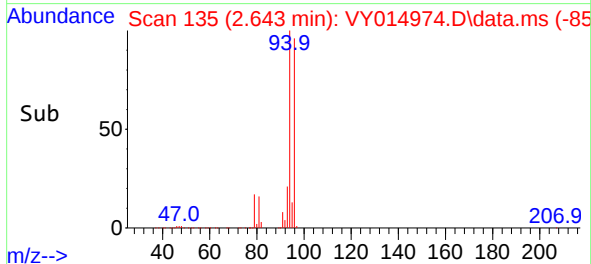
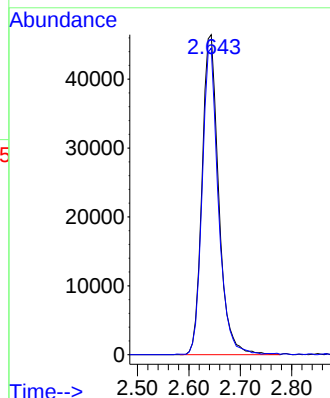
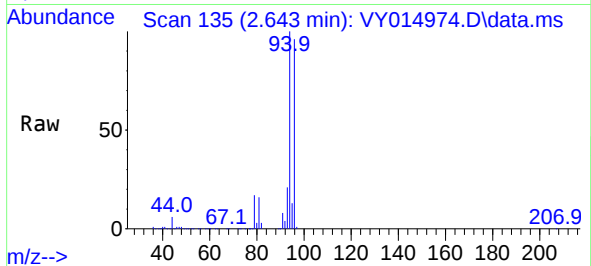




#5
Bromomethane
Concen: 55.631 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

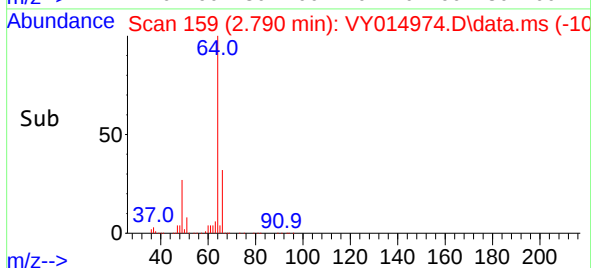
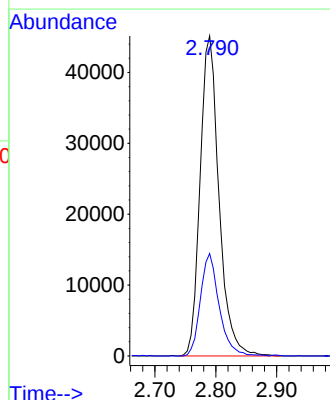
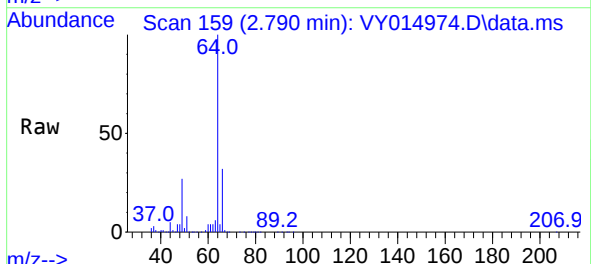
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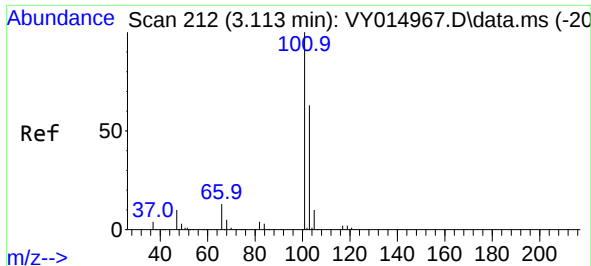
Tgt Ion: 94 Resp: 104398
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.6



#6
Chloroethane
Concen: 47.557 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 64 Resp: 97081
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

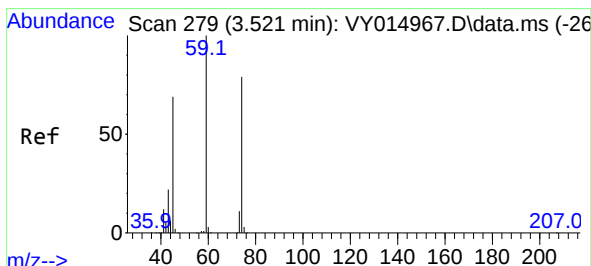
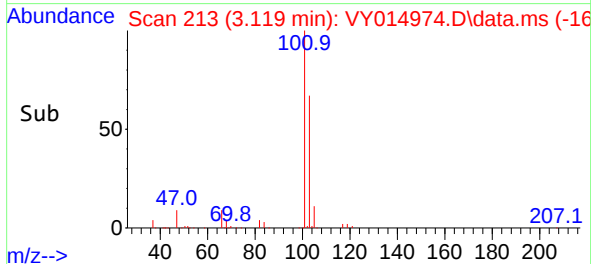
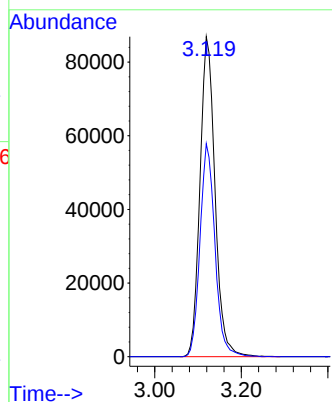
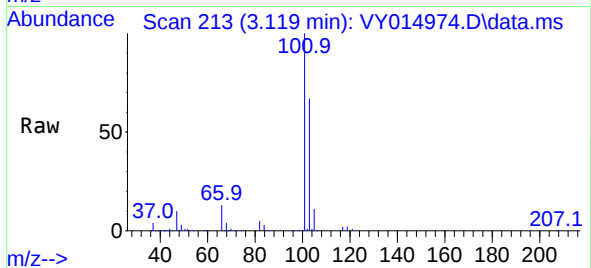




#7
Trichlorofluoromethane
Concen: 44.816 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

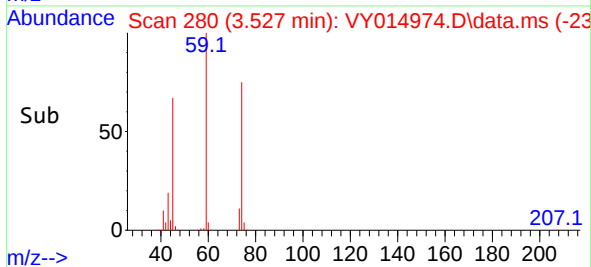
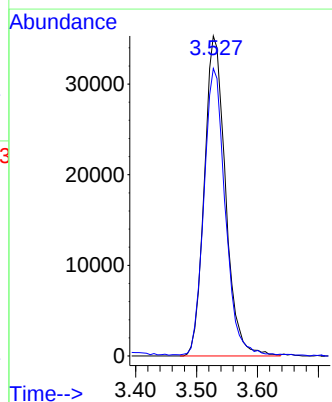
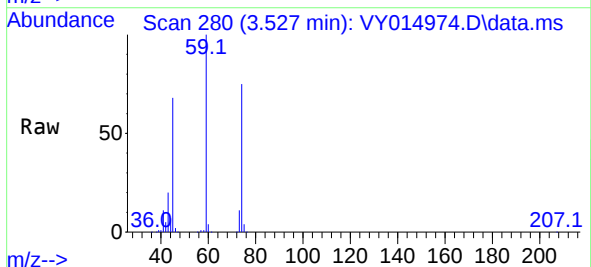
Instrument :
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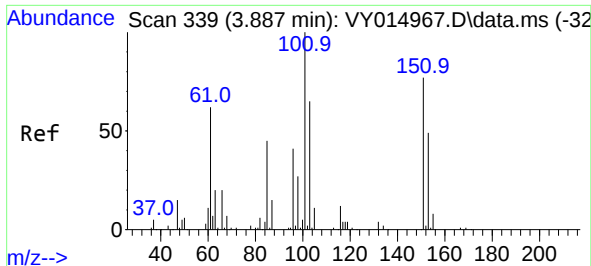
Tgt Ion:101 Resp: 209388
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.0



#8
Diethyl Ether
Concen: 49.380 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 74 Resp: 85134
Ion Ratio Lower Upper
74 100
45 90.0 51.5 154.5

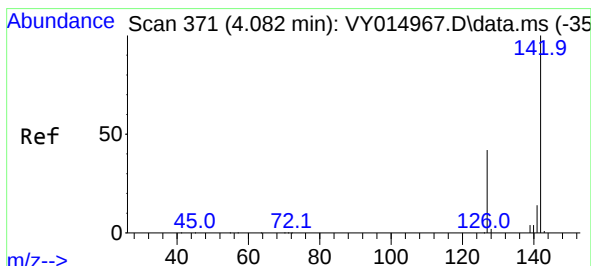
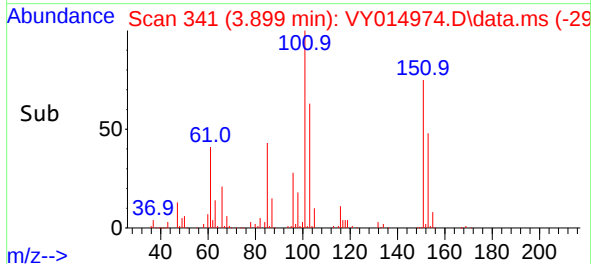
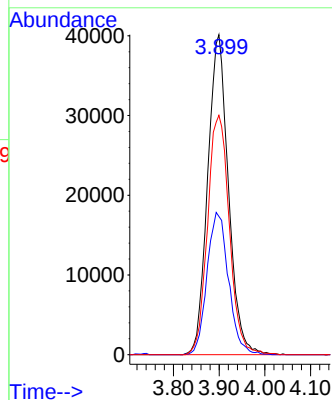
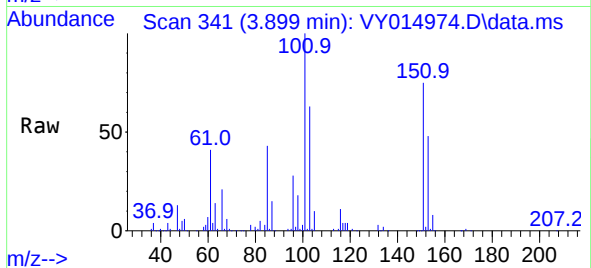




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.697 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

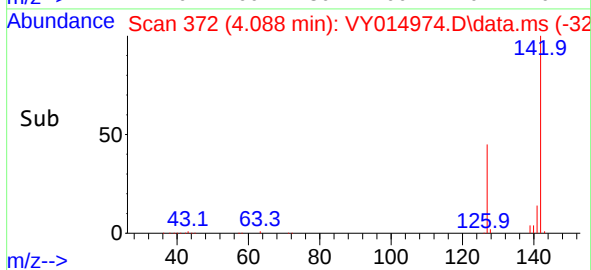
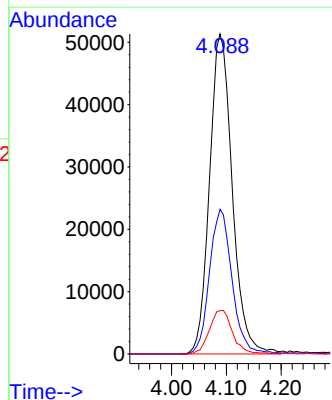
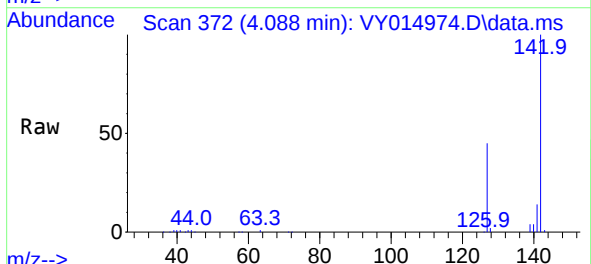
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

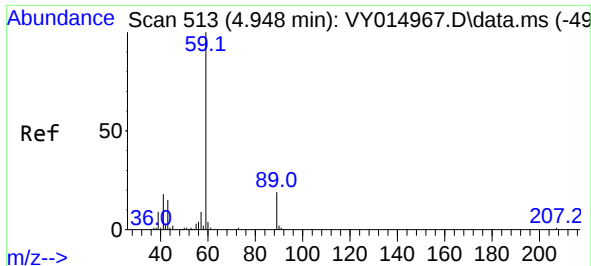
Tgt Ion:101 Resp: 126390
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 51.664 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:142 Resp: 147735
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.9 11.8 17.8

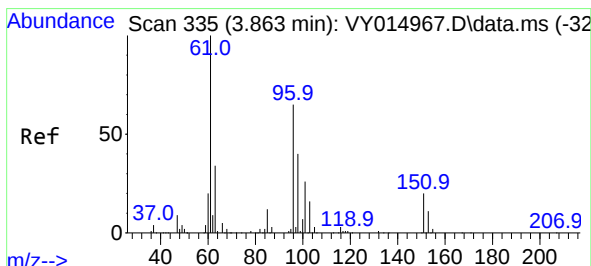
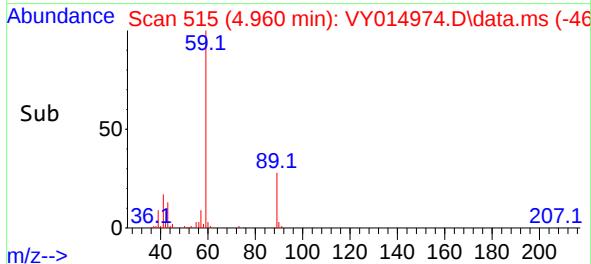
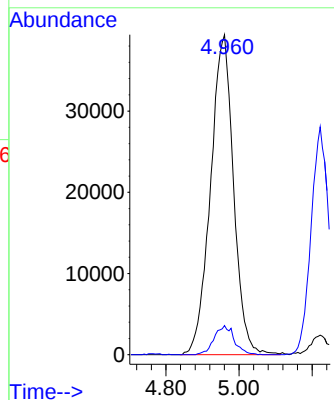
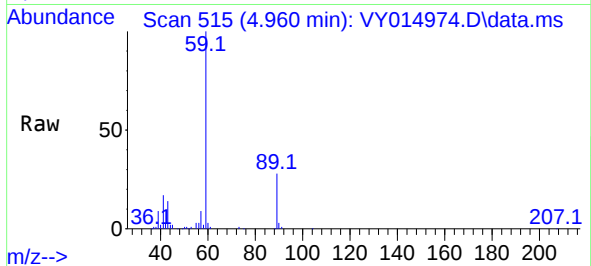




#11
Tert butyl alcohol
Concen: 193.478 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

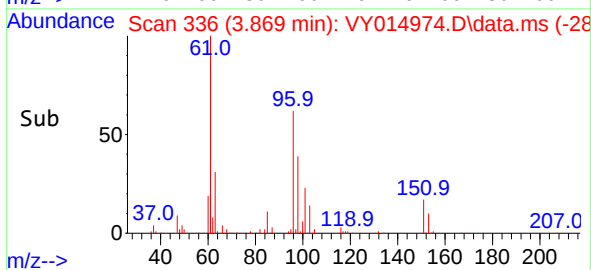
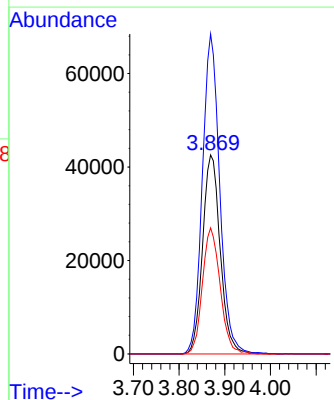
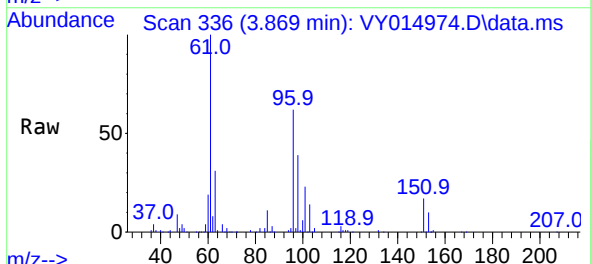
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

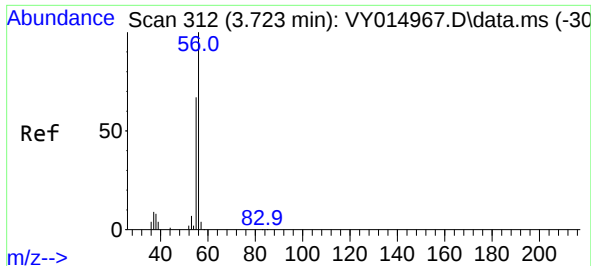
Tgt Ion: 59 Resp: 172549
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.344 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 96 Resp: 114092
Ion Ratio Lower Upper
96 100
61 160.8 136.4 204.6
98 63.4 49.4 74.2

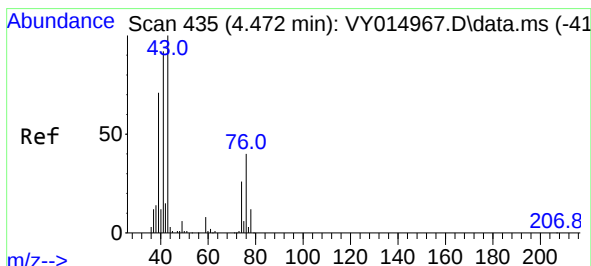
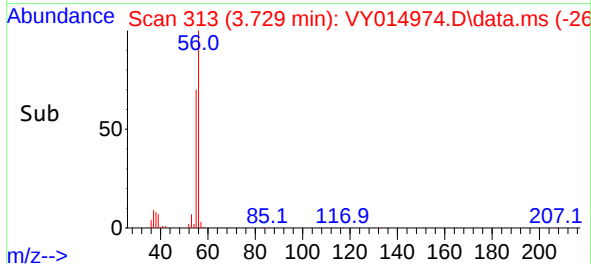
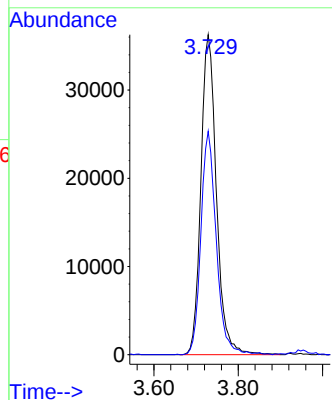
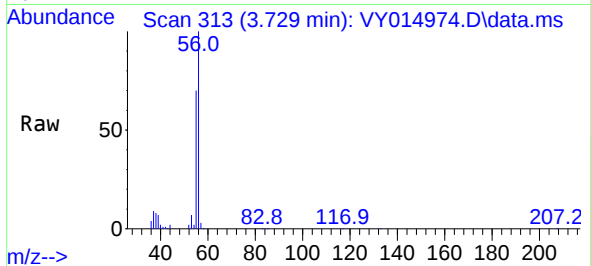




#13
Acrolein
Concen: 306.761 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

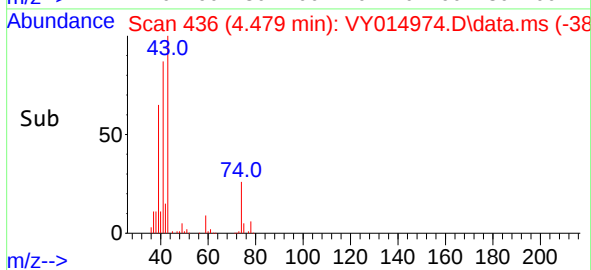
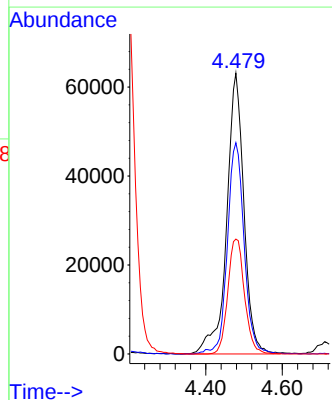
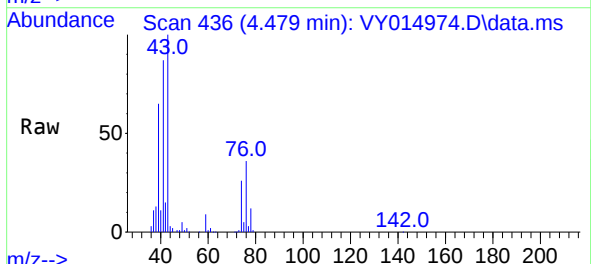
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

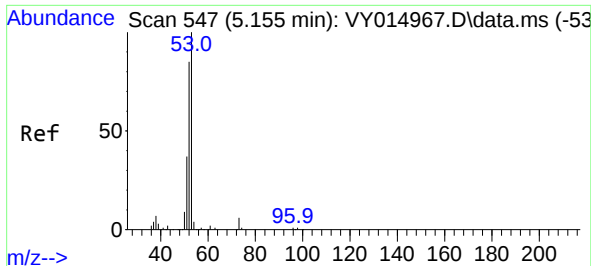
Tgt Ion: 56 Resp: 93068
Ion Ratio Lower Upper
56 100
55 68.9 57.0 85.4



#14
Allyl chloride
Concen: 49.283 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 41 Resp: 197773
Ion Ratio Lower Upper
41 100
39 73.1 58.0 87.0
76 39.5 27.4 41.2

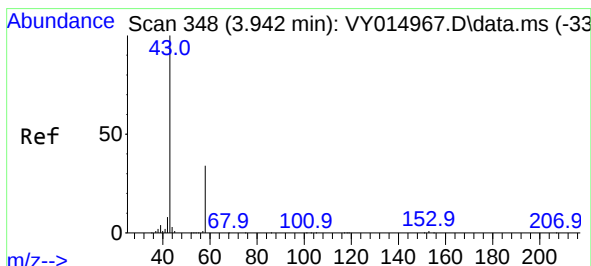
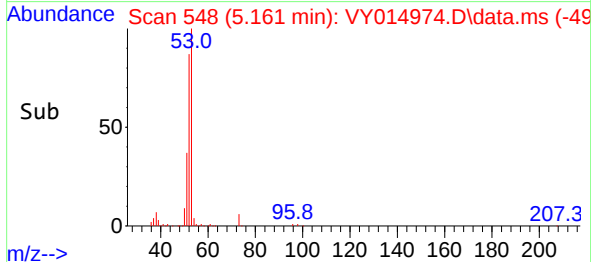
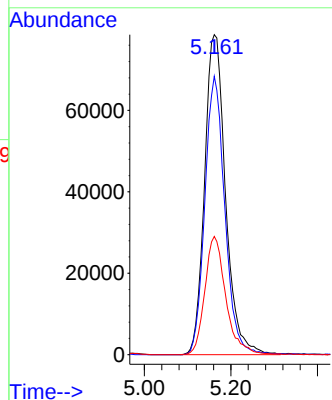
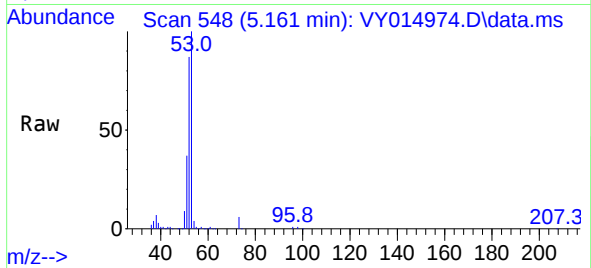




#15
Acrylonitrile
Concen: 251.636 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

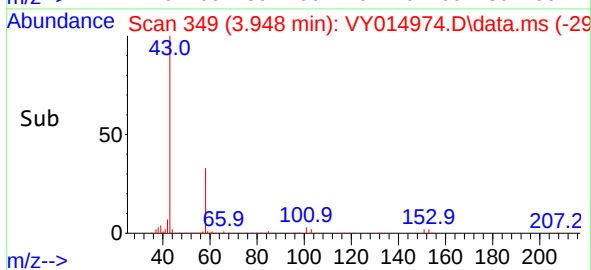
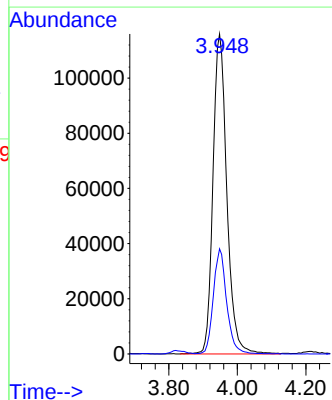
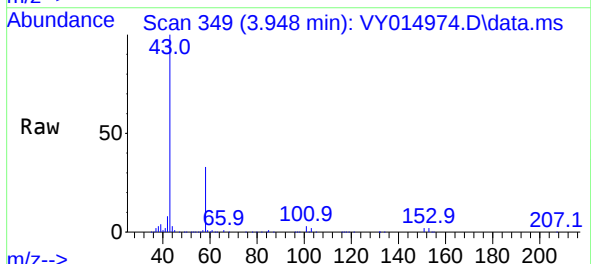
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

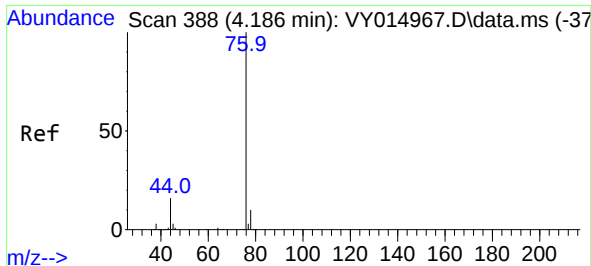
Tgt Ion: 53 Resp: 265043
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 37.1 29.8 44.6



#16
Acetone
Concen: 282.908 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 43 Resp: 325996
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

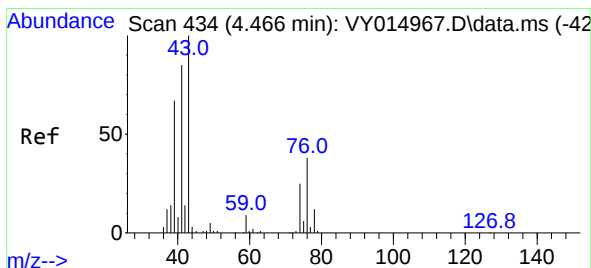
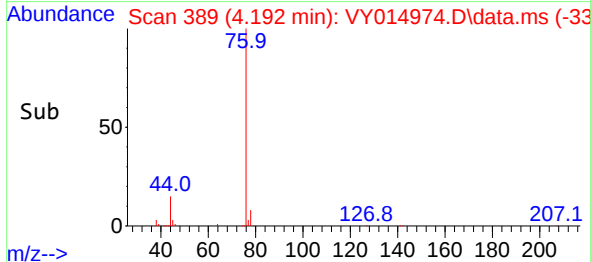
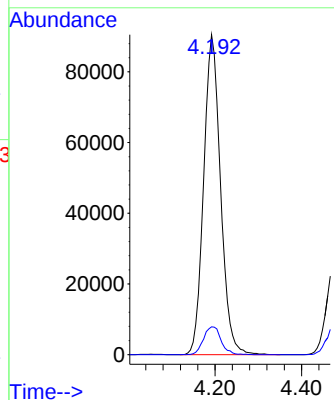
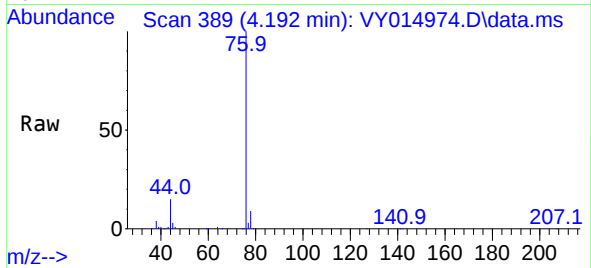




#17
Carbon Disulfide
Concen: 45.971 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

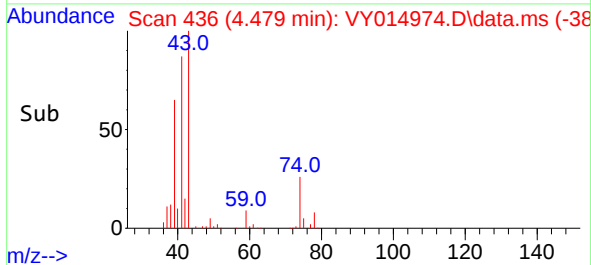
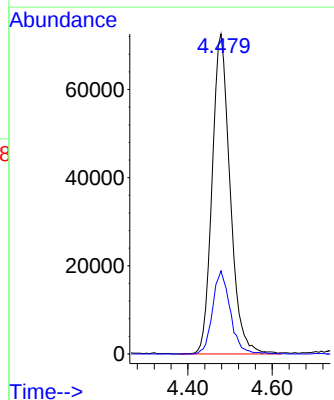
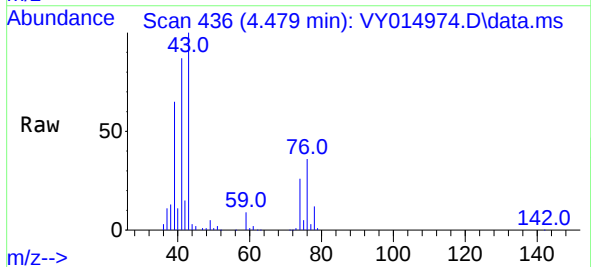
Instrument :
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ClientSampleId :
VSTDCCC050

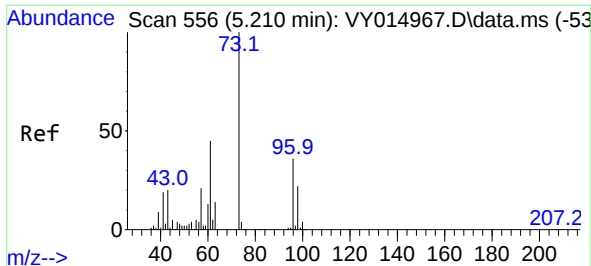
Tgt Ion: 76 Resp: 244940
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 51.324 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 43 Resp: 215374
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 50.200 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

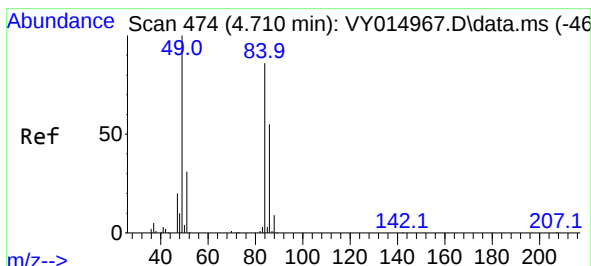
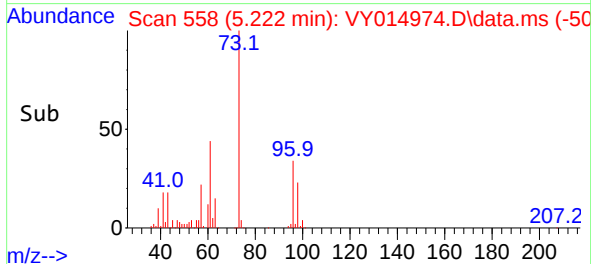
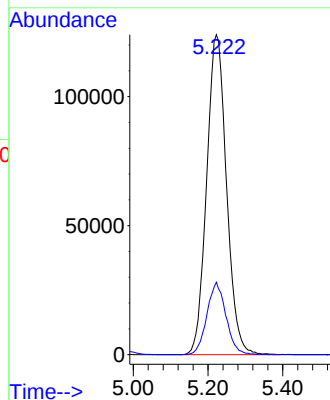
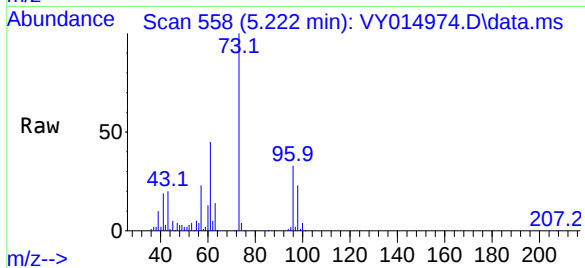
VSTDCCC050

Tgt Ion: 73 Resp: 457692

Ion Ratio Lower Upper

73 100

57 22.6 17.3 25.9



#20

Methylene Chloride

Concen: 49.310 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Tgt Ion: 84 Resp: 214770

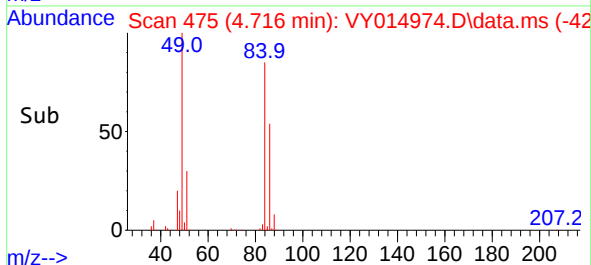
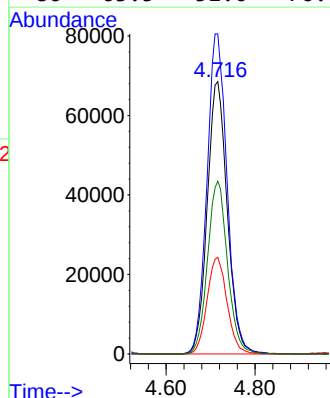
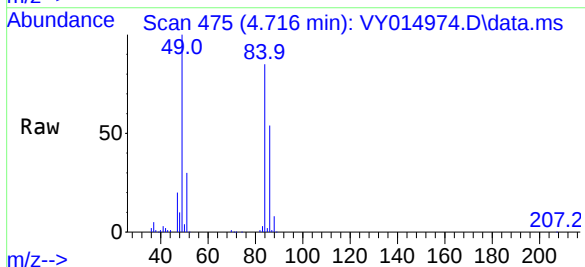
Ion Ratio Lower Upper

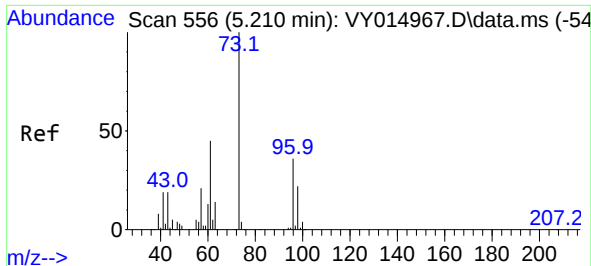
84 100

49 117.5 106.9 160.3

51 35.5 33.2 49.8

86 63.5 51.0 76.6

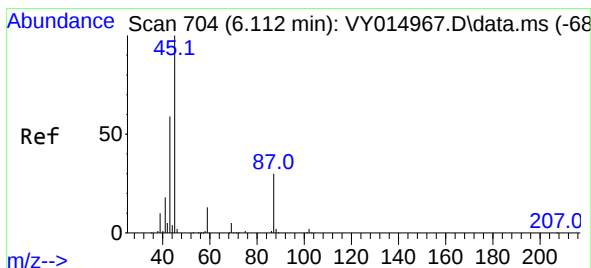
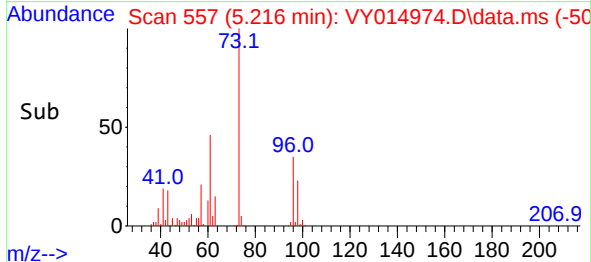
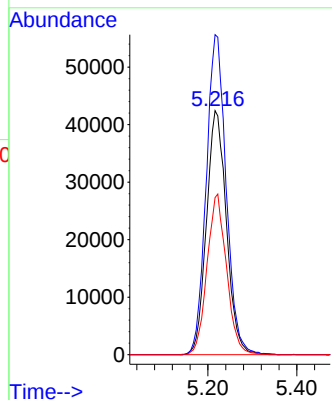
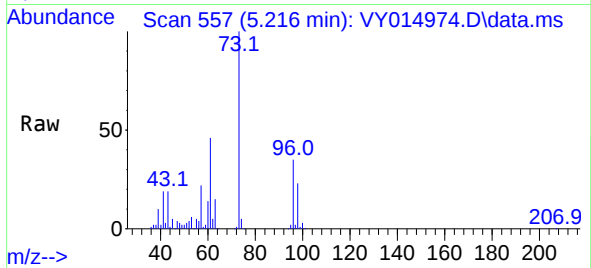




#21
trans-1,2-Dichloroethene
Concen: 48.259 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

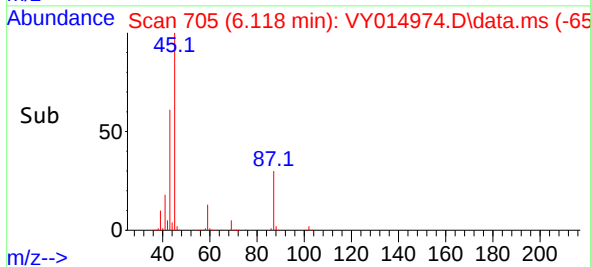
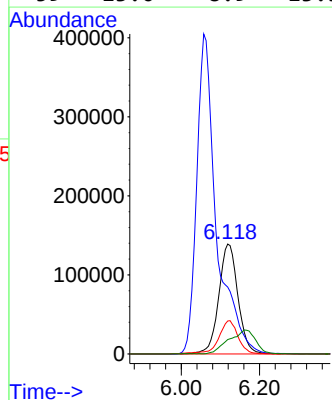
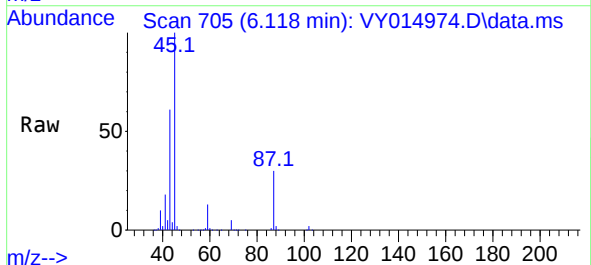
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

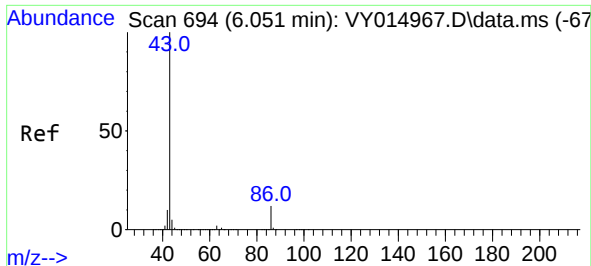
Tgt Ion: 96 Resp: 132564
Ion Ratio Lower Upper
96 100
61 131.2 110.2 165.4
98 64.4 51.8 77.6



#22
Diisopropyl ether
Concen: 50.530 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 45 Resp: 472328
Ion Ratio Lower Upper
45 100
43 60.5 52.2 78.4
87 30.0 21.0 31.6
59 13.0 8.9 13.3

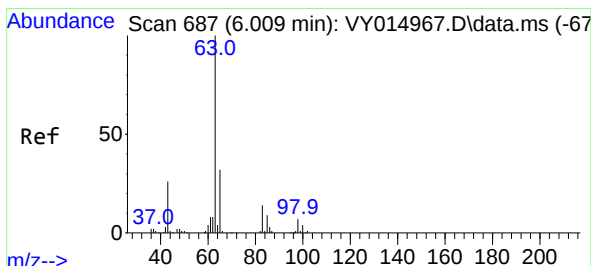
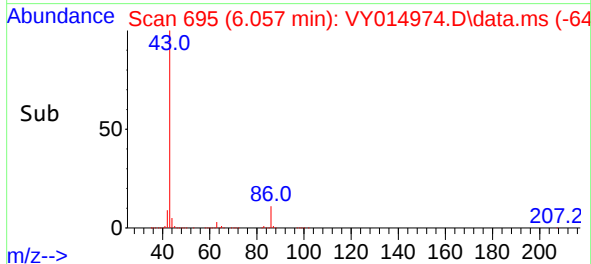
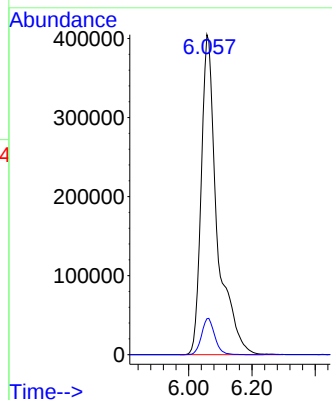
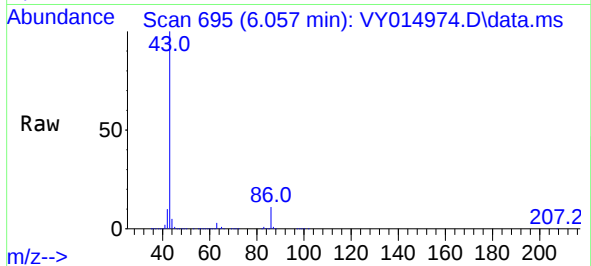




#23
 Vinyl Acetate
 Concen: 252.394 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014974.D
 Acq: 08 Aug 2023 10:25

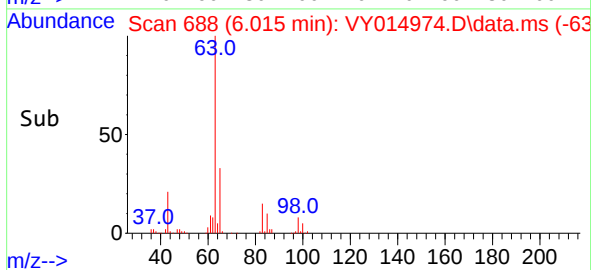
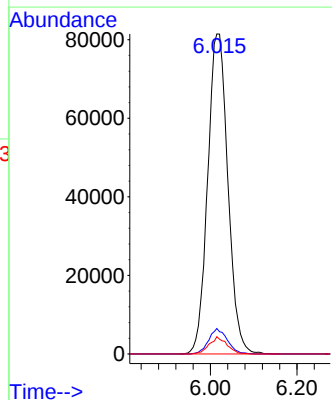
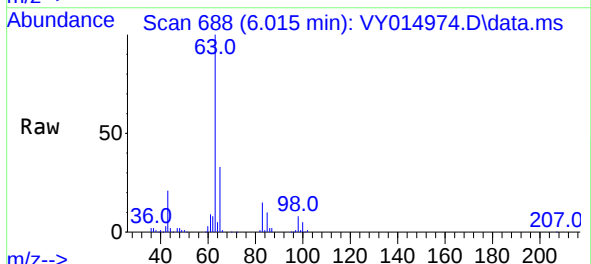
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

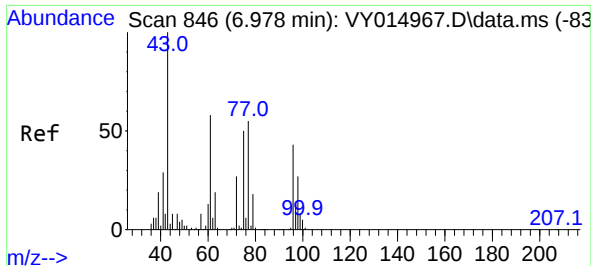
Tgt Ion: 43 Resp: 1418221
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.818 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014974.D
 Acq: 08 Aug 2023 10:25

Tgt Ion: 63 Resp: 264135
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.4 1.8 5.5

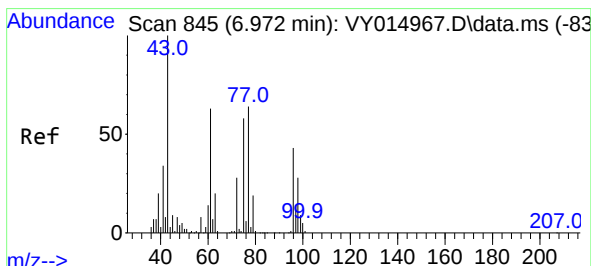
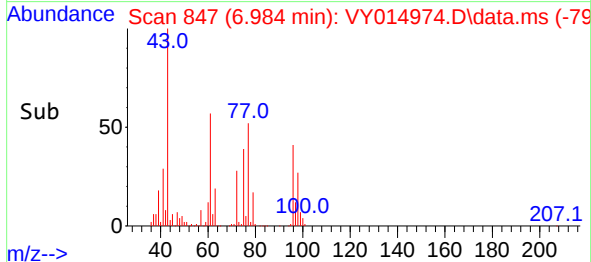
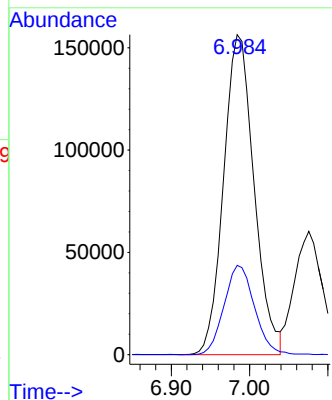
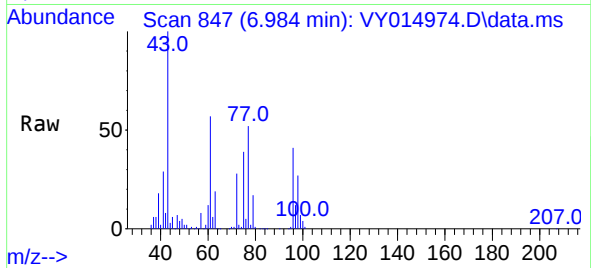




#25
2-Butanone
Concen: 256.252 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

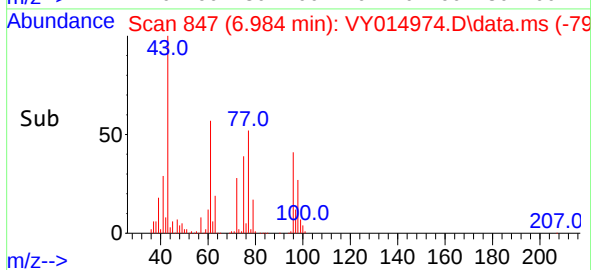
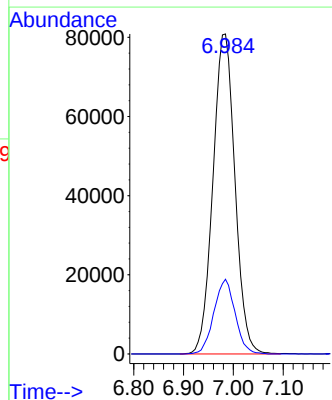
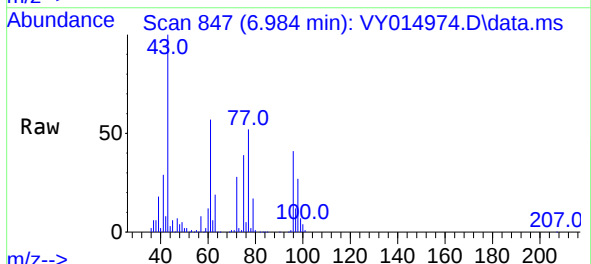
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

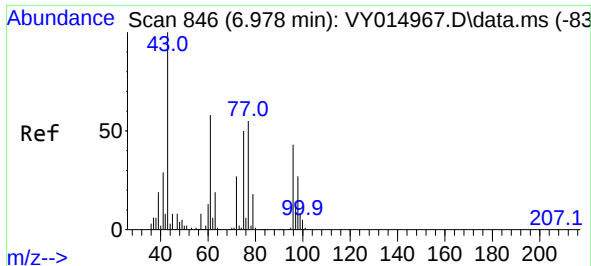
Tgt Ion: 43 Resp: 422929
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.205 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 77 Resp: 247885
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9

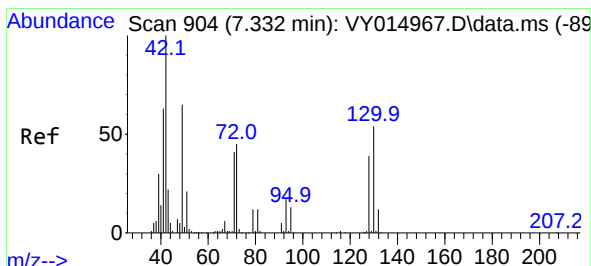
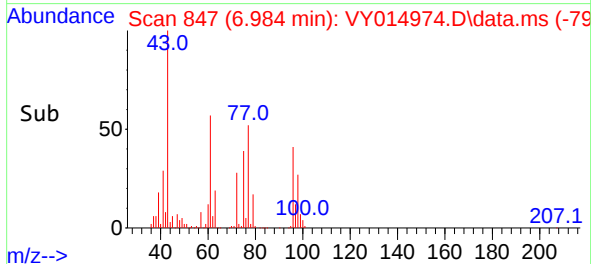
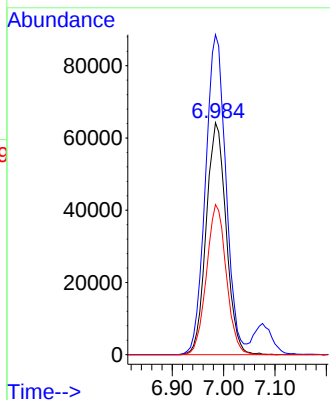
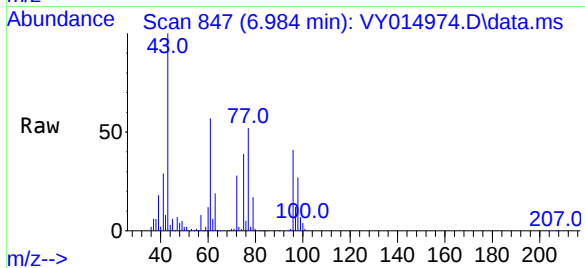




#27
cis-1,2-Dichloroethene
Concen: 49.654 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

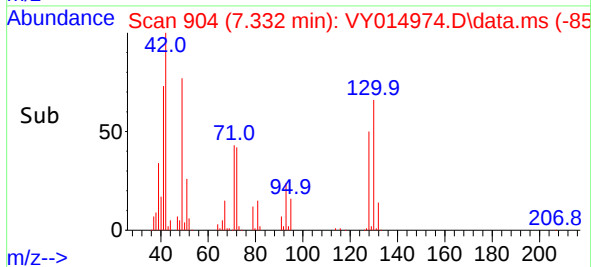
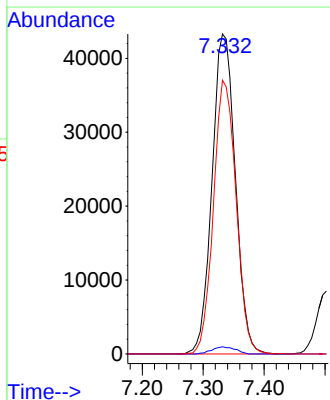
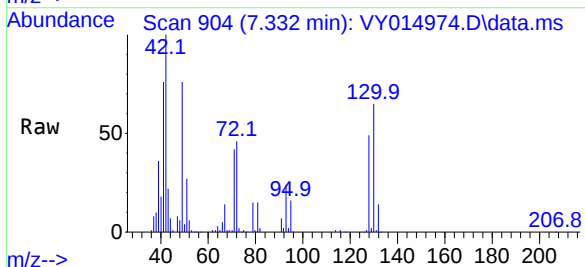
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

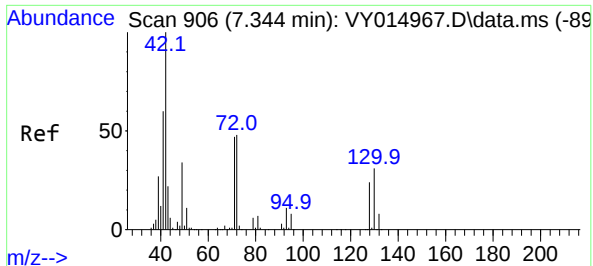
Tgt Ion: 96 Resp: 172609
Ion Ratio Lower Upper
96 100
61 141.9 0.0 301.4
98 64.6 0.0 130.4



#28
Bromochloromethane
Concen: 48.067 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 49 Resp: 114886
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 83.3 60.7 91.1

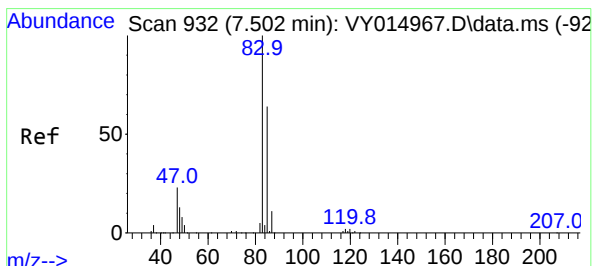
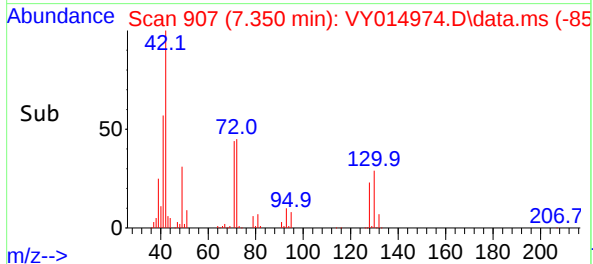
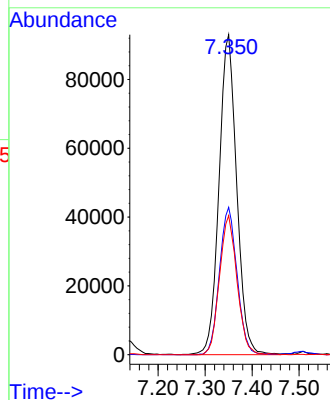
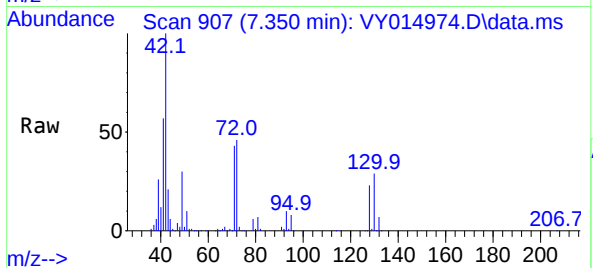




#29
Tetrahydrofuran
Concen: 251.761 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

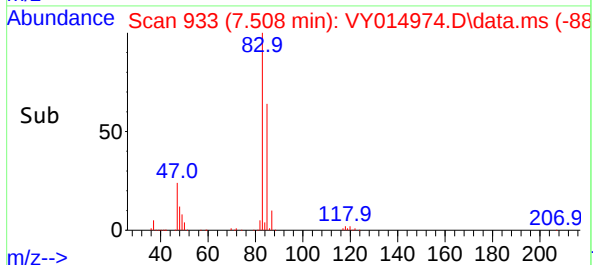
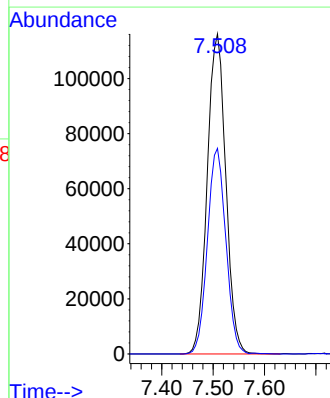
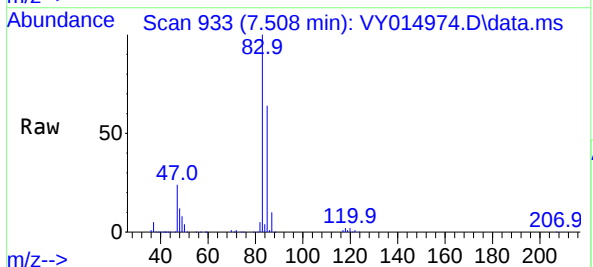
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

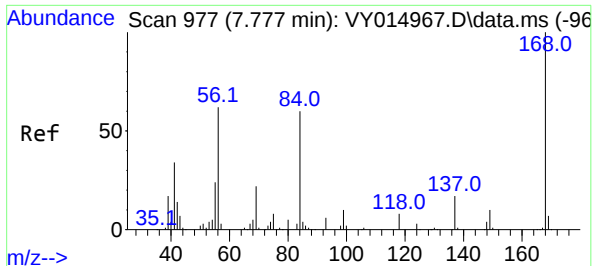
Tgt Ion: 42 Resp: 243668
Ion Ratio Lower Upper
42 100
72 45.9 32.8 49.2
71 42.9 31.0 46.4



#30
Chloroform
Concen: 50.459 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 83 Resp: 290622
Ion Ratio Lower Upper
83 100
85 64.2 49.7 74.5

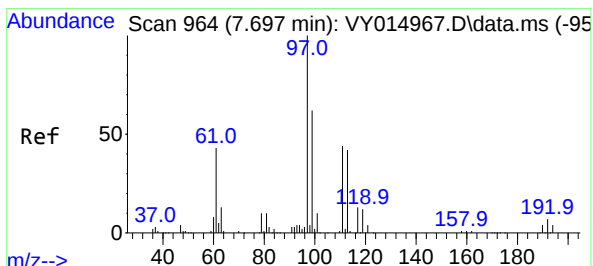
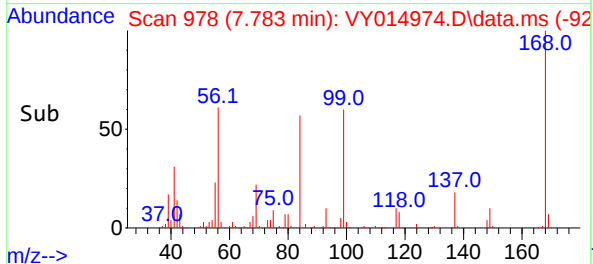
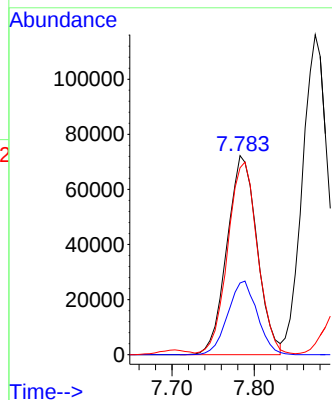
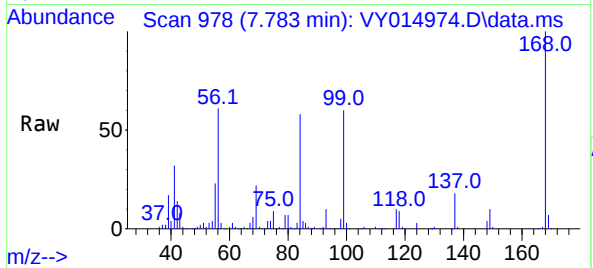




#31
Cyclohexane
Concen: 48.015 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

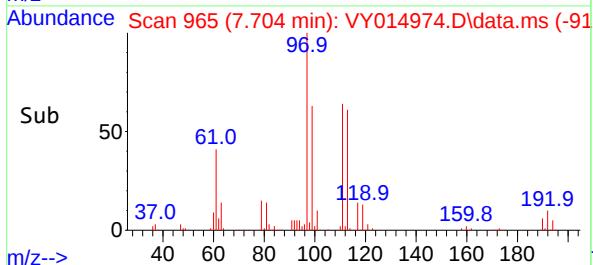
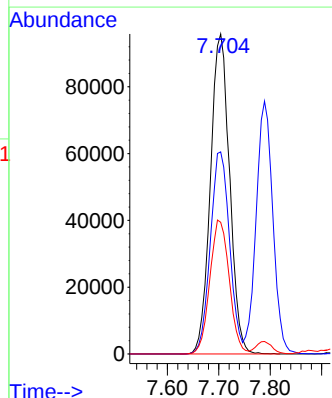
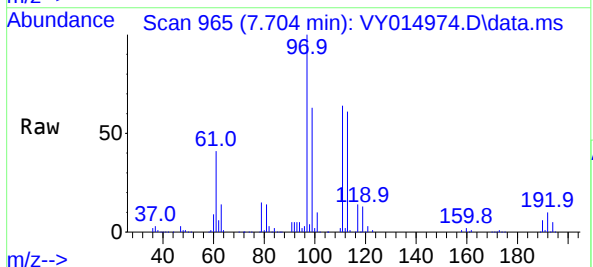
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

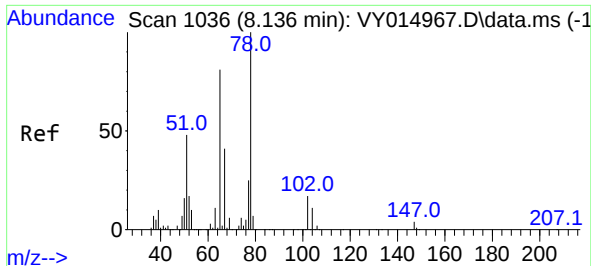
Tgt Ion: 56 Resp: 184076
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 91.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.793 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 97 Resp: 247662
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 66.825 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

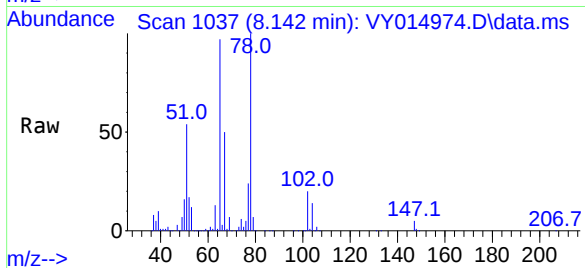
VSTDCCC050

Tgt Ion: 65 Resp: 246939

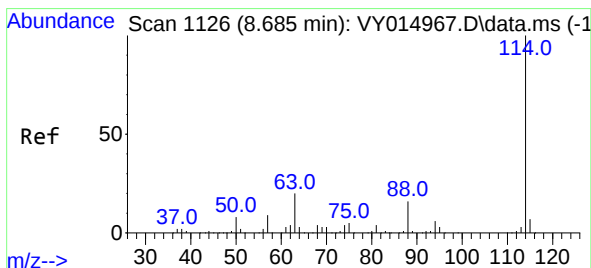
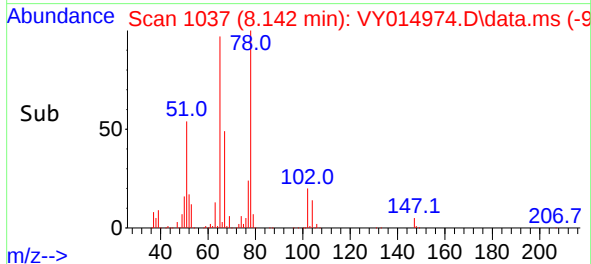
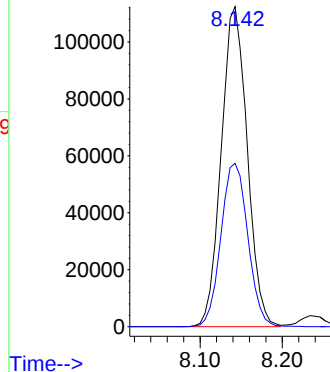
Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



Abundance



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

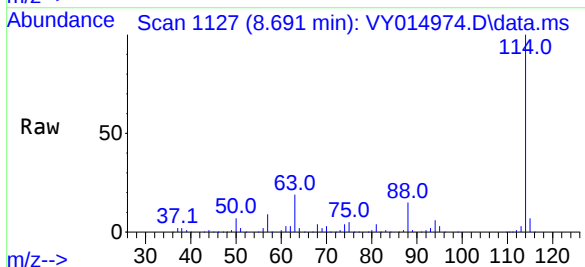
Tgt Ion: 114 Resp: 505687

Ion Ratio Lower Upper

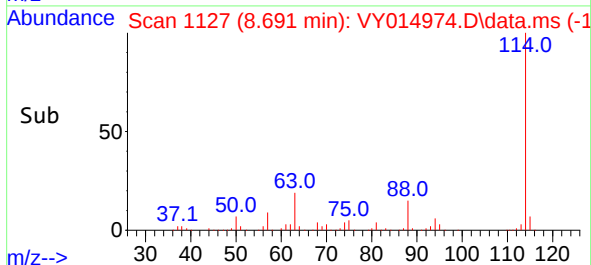
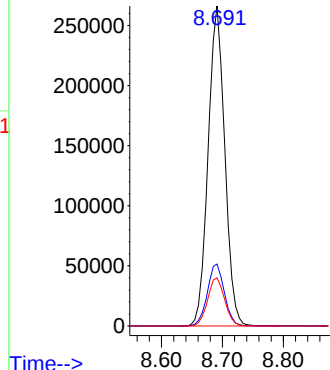
114 100

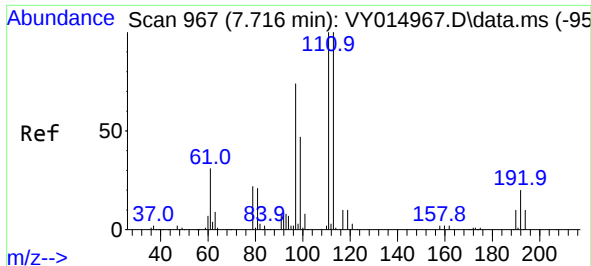
63 19.4 0.0 42.4

88 15.1 0.0 30.6



Abundance

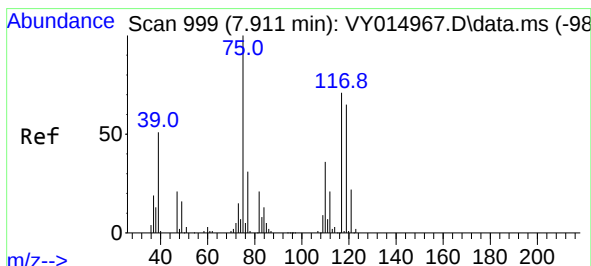
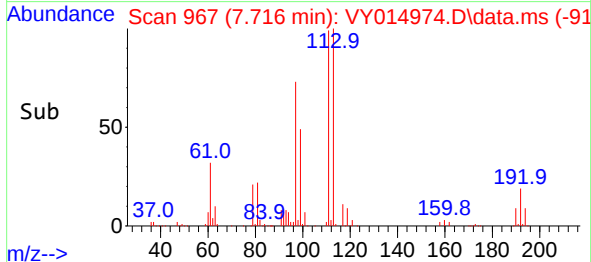
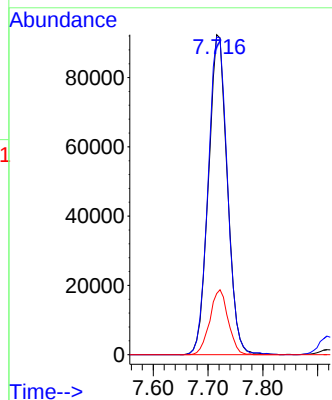
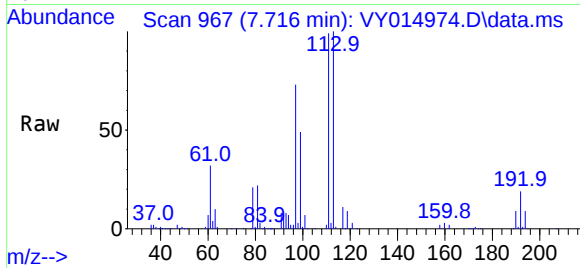




#35
Dibromofluoromethane
Concen: 68.040 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

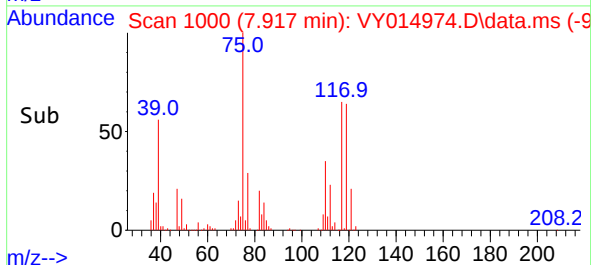
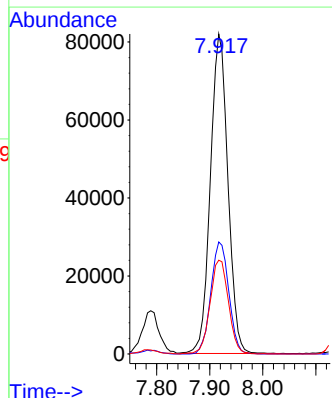
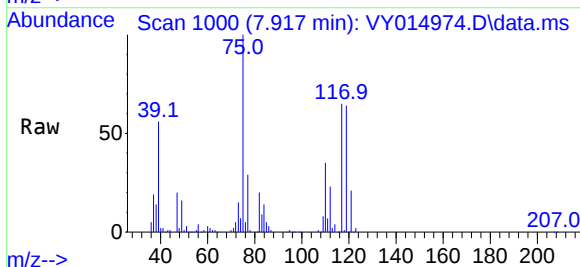
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

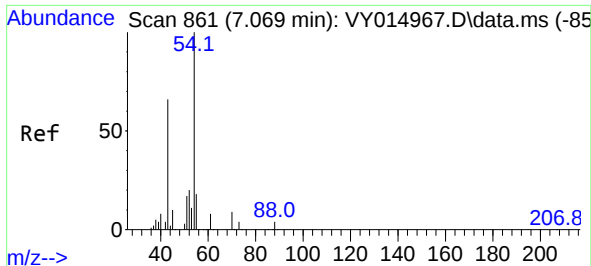
Tgt Ion:113 Resp: 220025
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.846 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 75 Resp: 188077
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.8 24.4 36.6

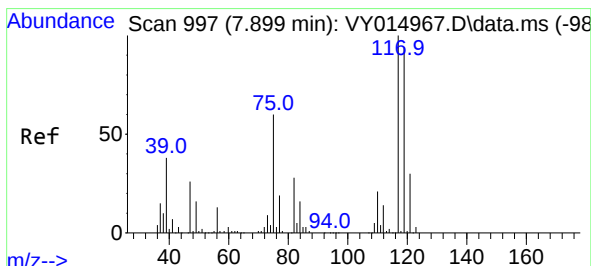
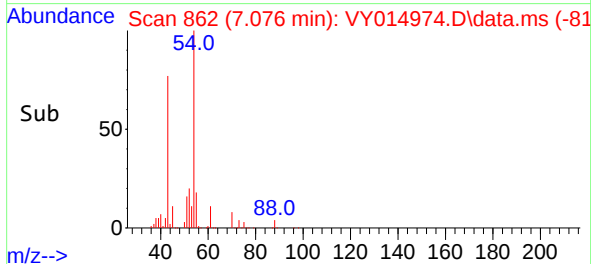
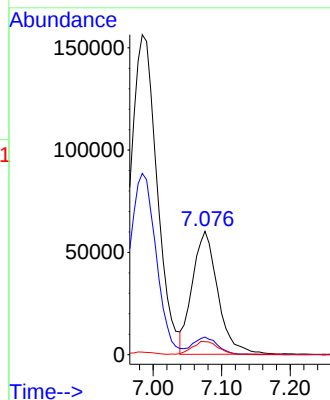
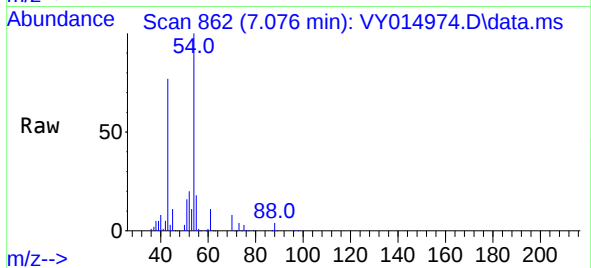




#37
Ethyl Acetate
Concen: 48.812 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

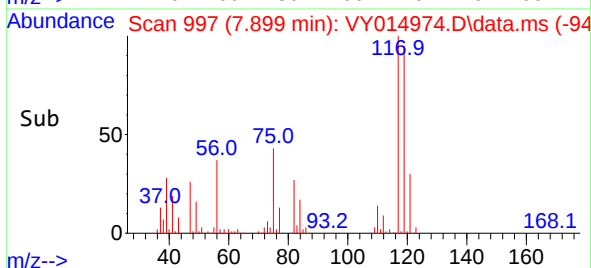
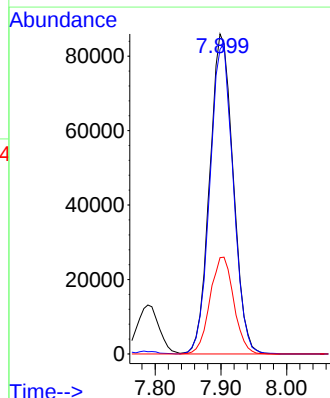
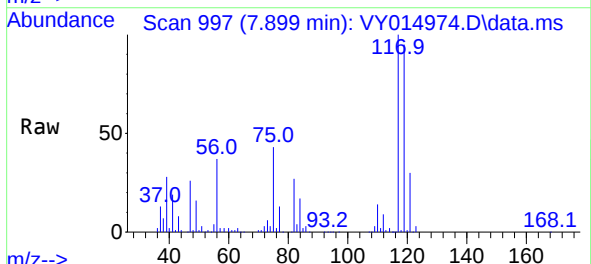
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

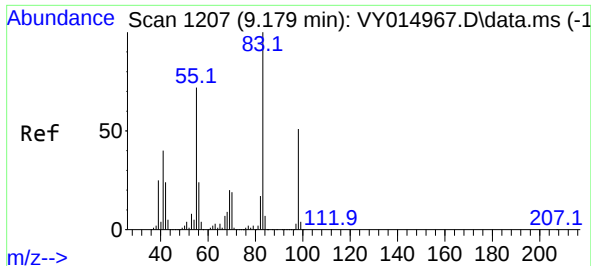
Tgt Ion: 43 Resp: 155553
Ion Ratio Lower Upper
43 100
61 13.6 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 47.321 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 117 Resp: 213579
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6
121 30.1 25.8 38.6

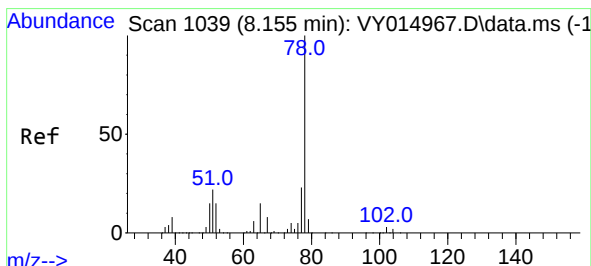
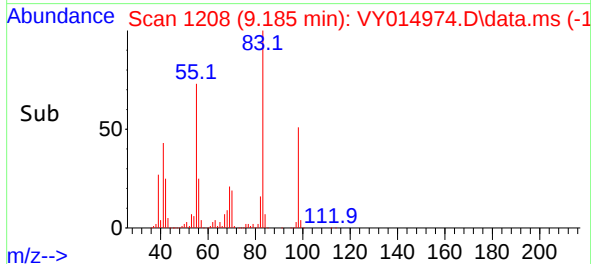
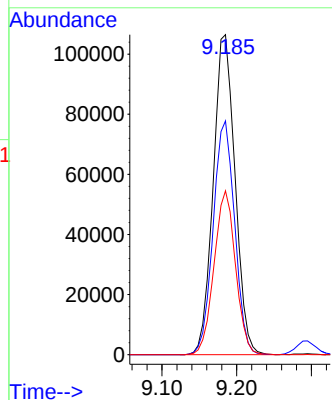
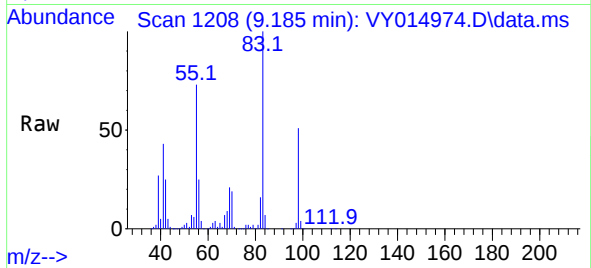




#39
Methylcyclohexane
Concen: 45.288 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

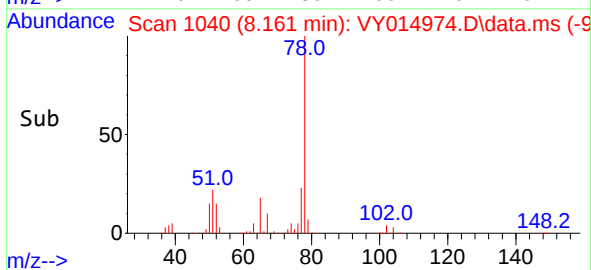
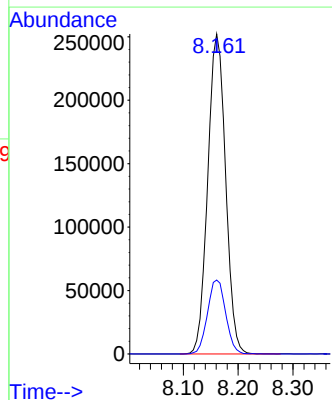
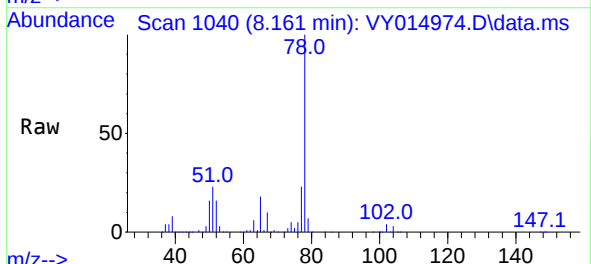
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

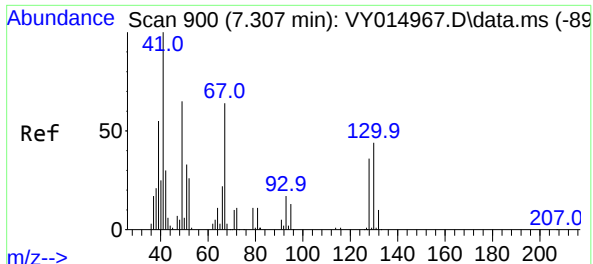
Tgt Ion: 83 Resp: 216225
Ion Ratio Lower Upper
83 100
55 73.0 63.0 94.4
98 51.2 37.4 56.2



#40
Benzene
Concen: 48.081 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 78 Resp: 568413
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

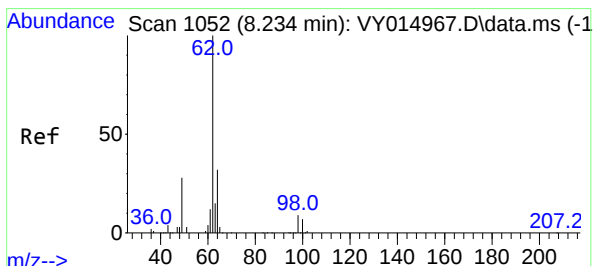
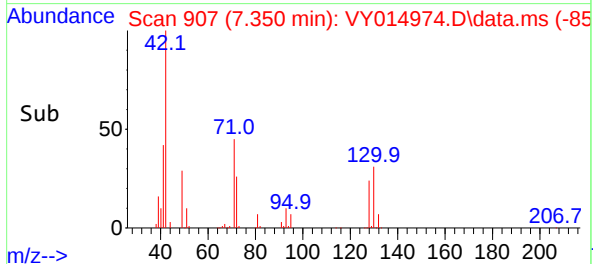
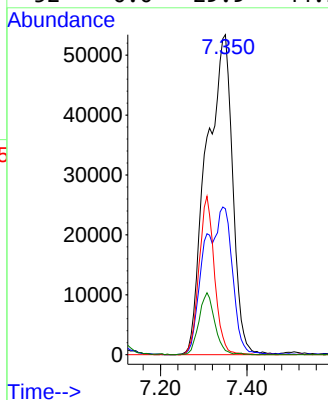
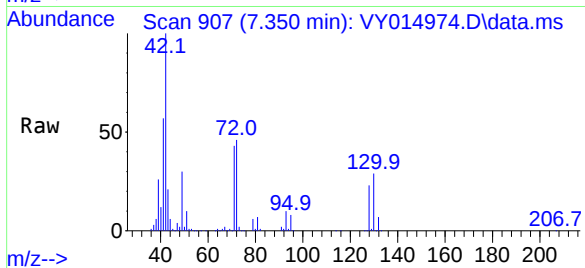




#41
Methacrylonitrile
Concen: 144.117 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

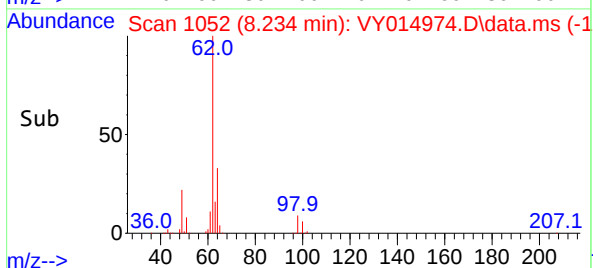
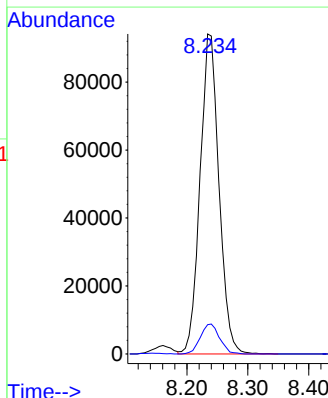
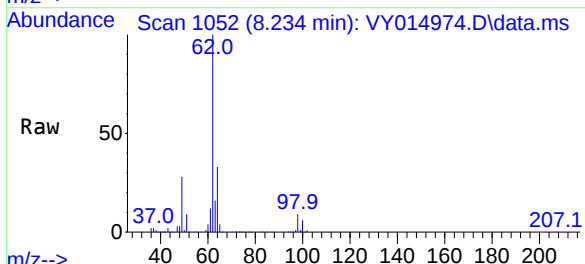
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

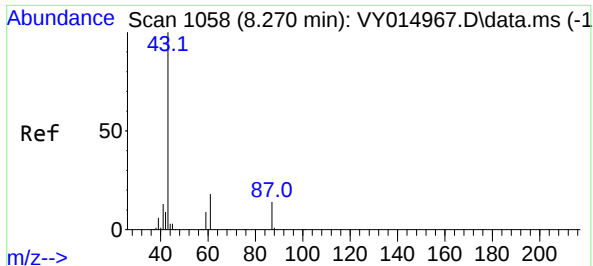
Tgt Ion: 41 Resp: 223192
Ion Ratio Lower Upper
41 100
39 26.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.348 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 62 Resp: 203073
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

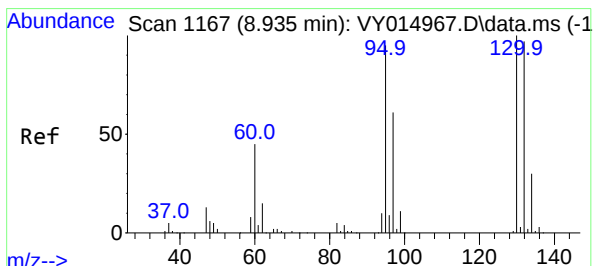
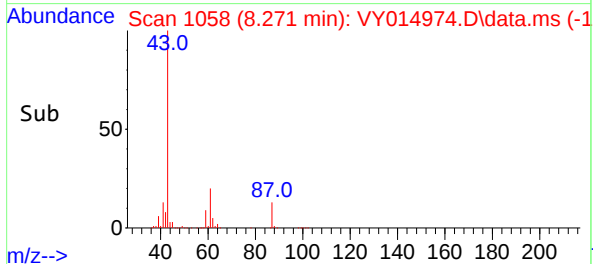
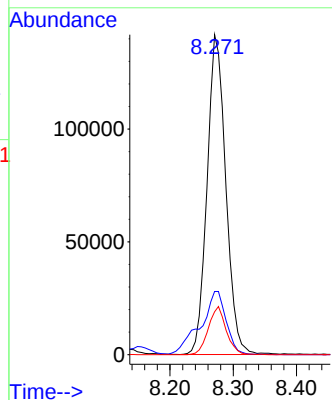
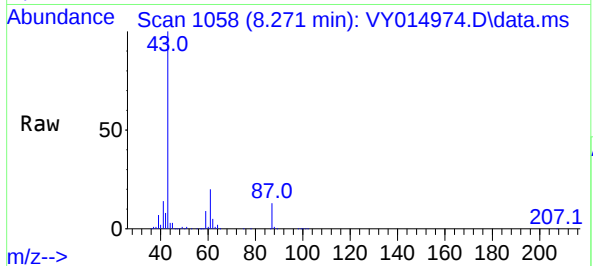




#43
Isopropyl Acetate
Concen: 49.339 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

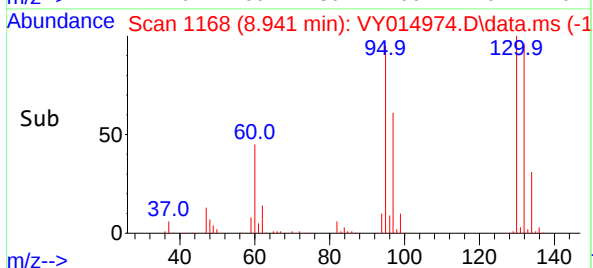
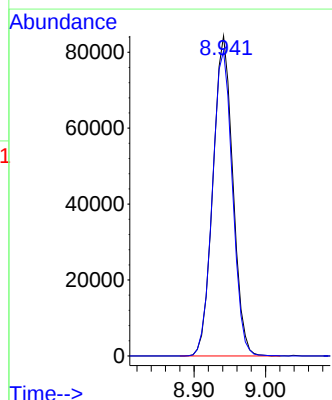
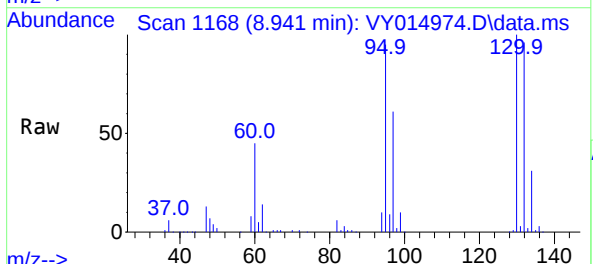
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

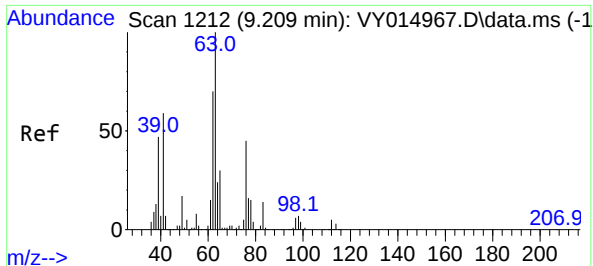
Tgt Ion: 43 Resp: 292122
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 47.843 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:130 Resp: 162291
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.067 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

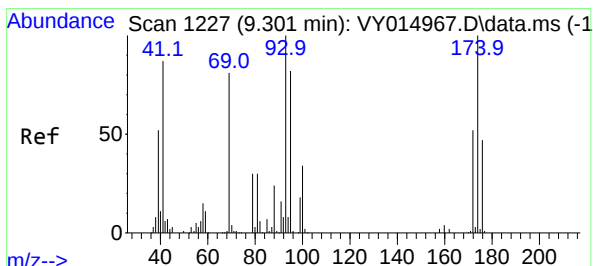
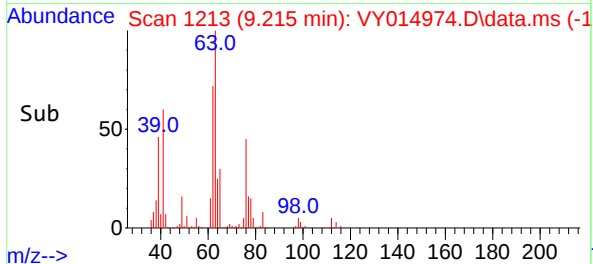
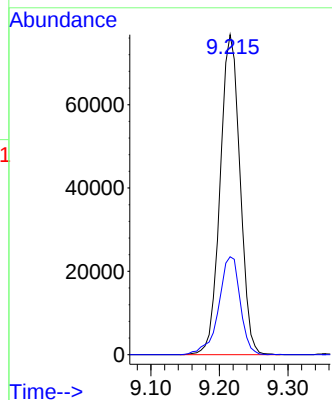
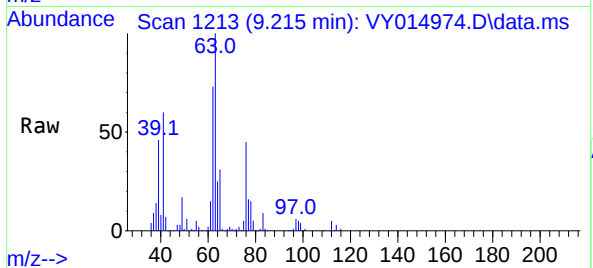
VSTDCCC050

Tgt Ion: 63 Resp: 154162

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 49.351 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

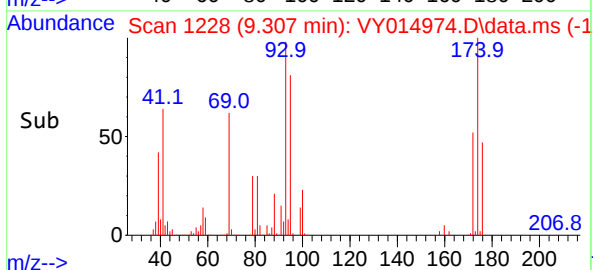
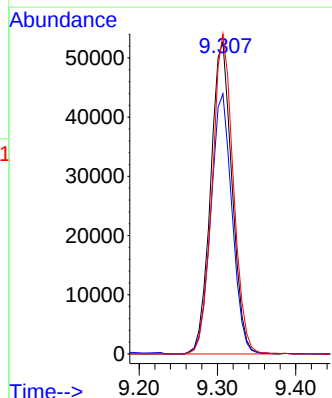
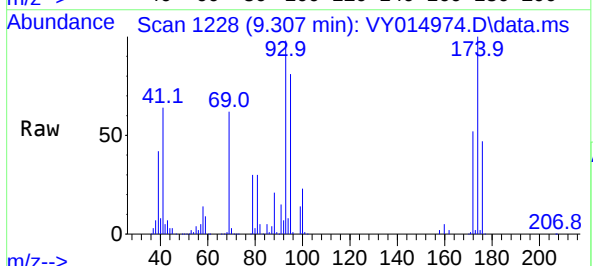
Tgt Ion: 93 Resp: 99887

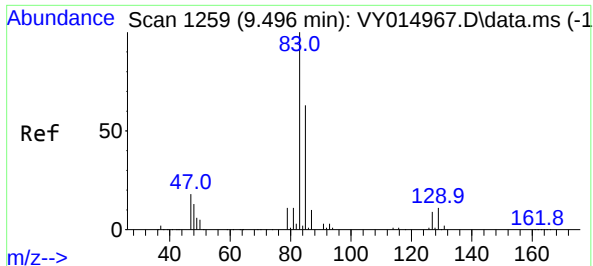
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 100.8 84.8 127.2

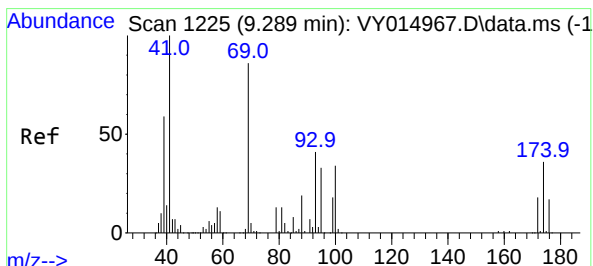
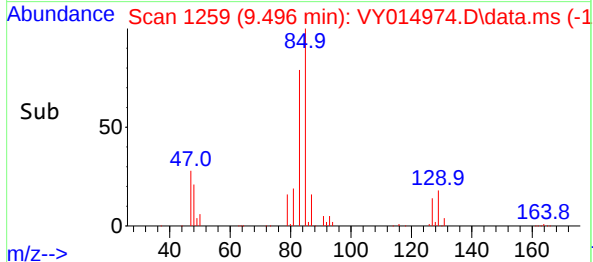
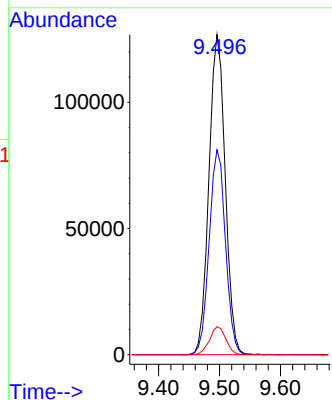
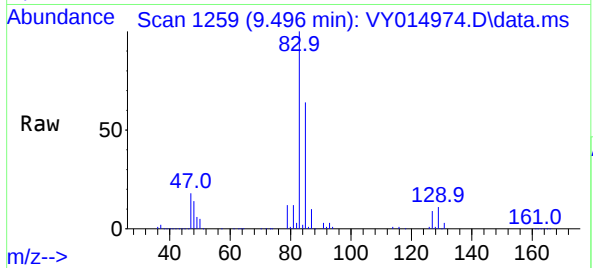




#47
Bromodichloromethane
Concen: 50.448 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

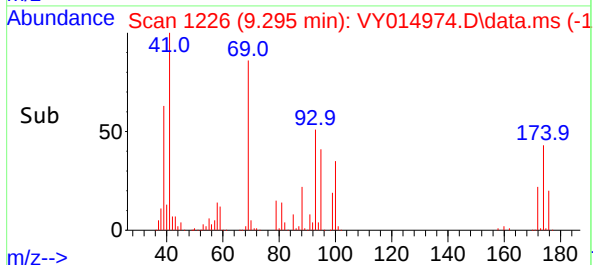
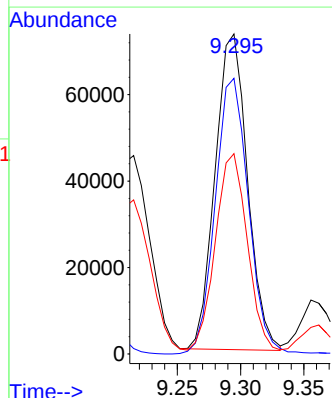
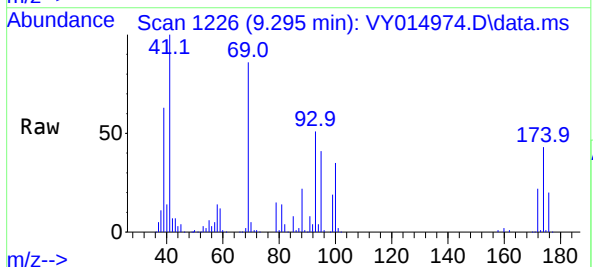
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

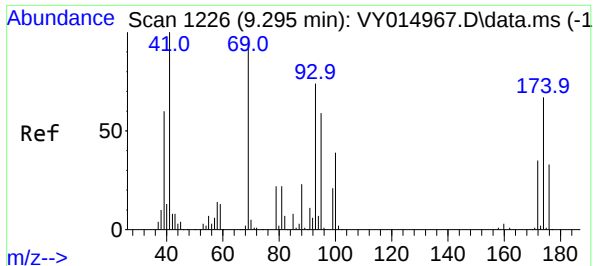
Tgt Ion: 83 Resp: 235129
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 50.017 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 41 Resp: 129932
Ion Ratio Lower Upper
41 100
69 90.1 64.5 96.7
39 63.6 50.8 76.2

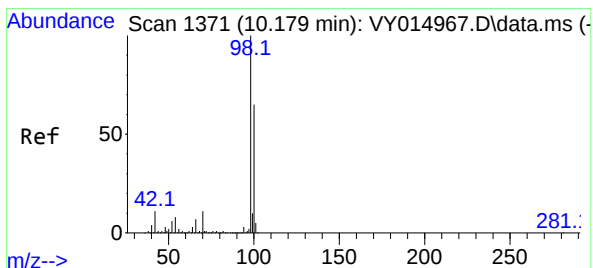
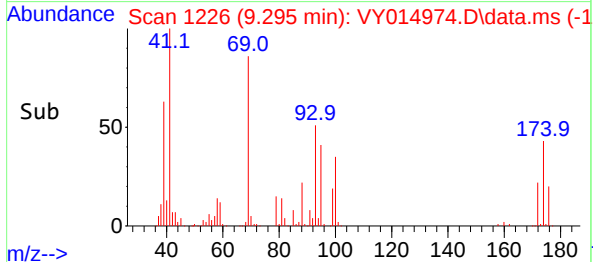
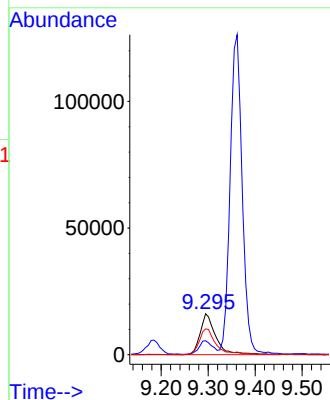
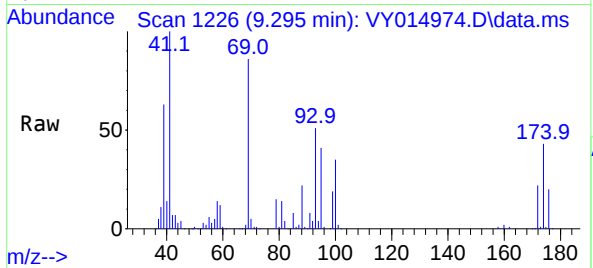




#49
1,4-Dioxane
Concen: 992.027 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

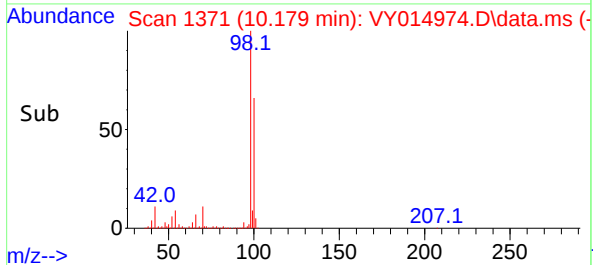
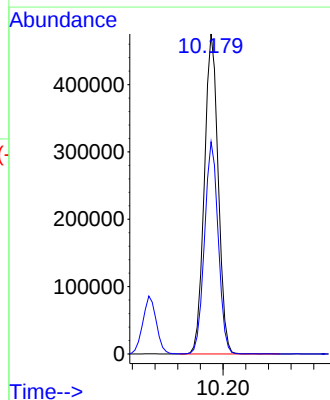
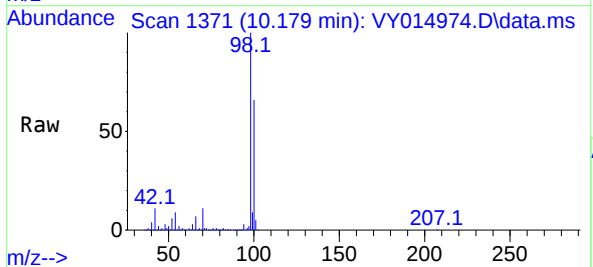
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

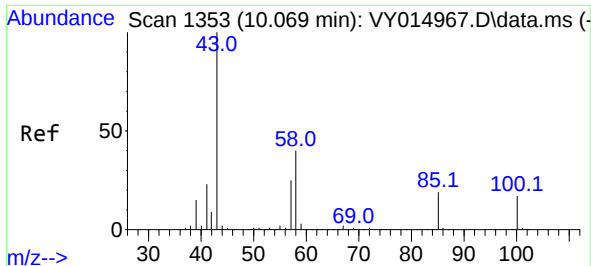
Tgt Ion: 88 Resp: 37347
Ion Ratio Lower Upper
88 100
43 29.0 0.0 0.0#
58 69.0 30.9 46.3#



#50
Toluene-d8
Concen: 65.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 98 Resp: 805085
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

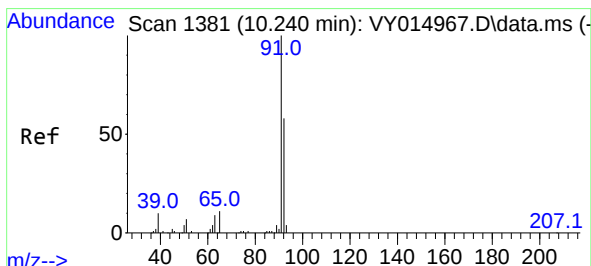
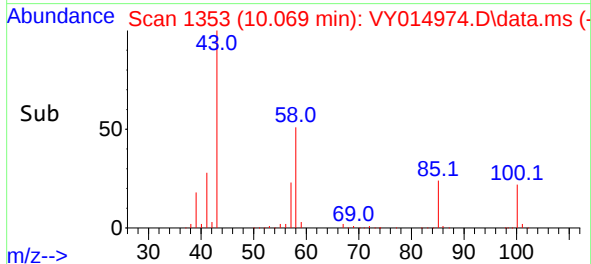
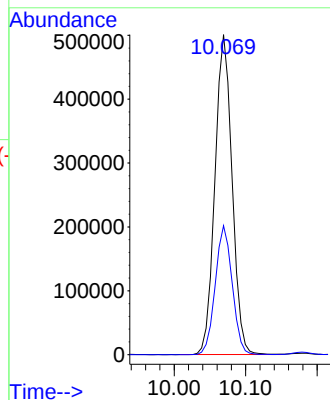
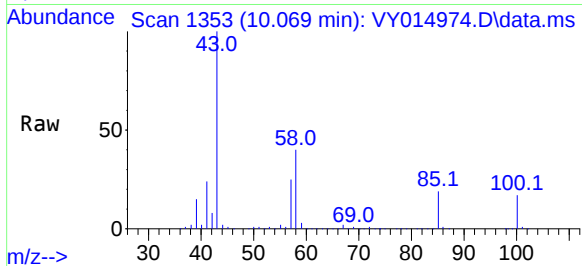




#51
4-Methyl-2-Pentanone
Concen: 250.022 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

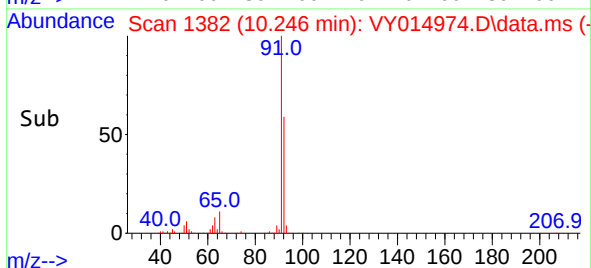
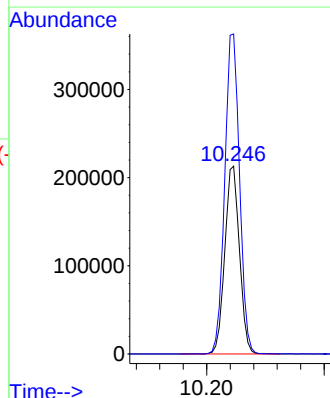
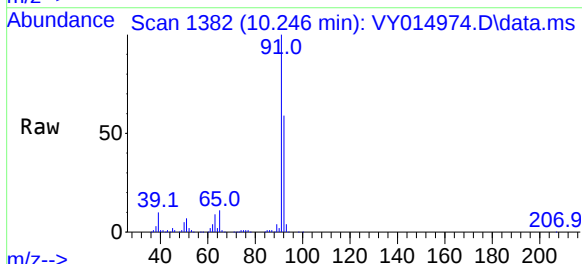
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

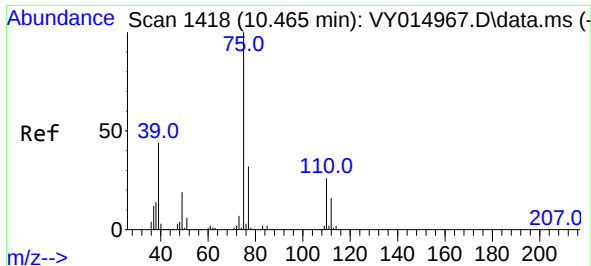
Tgt Ion: 43 Resp: 834217
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 48.446 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 92 Resp: 368559
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

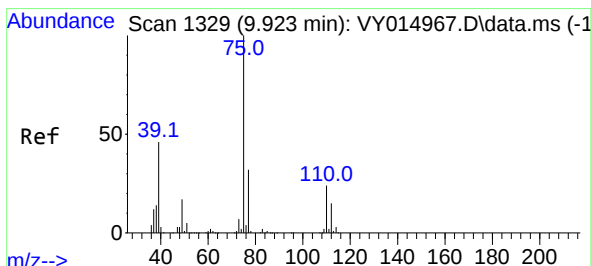
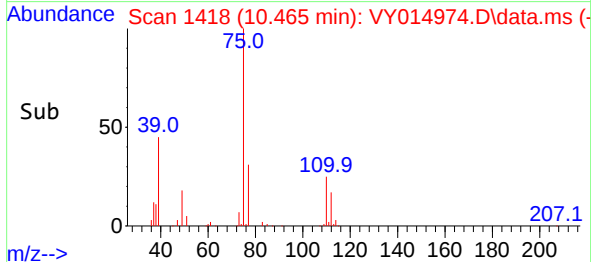
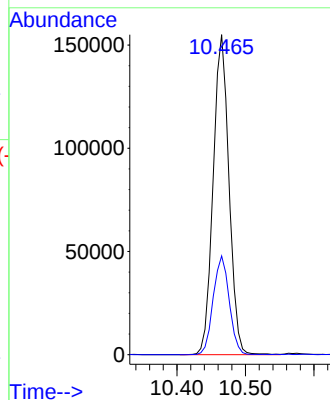
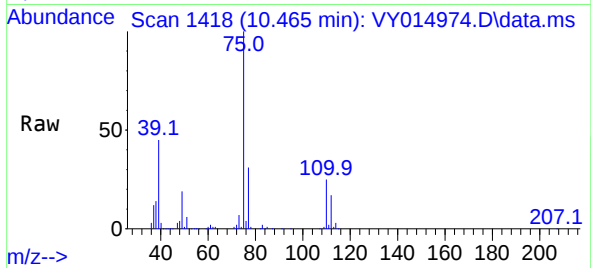




#53
t-1,3-Dichloropropene
Concen: 51.118 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

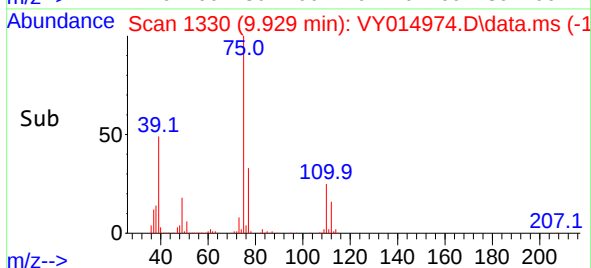
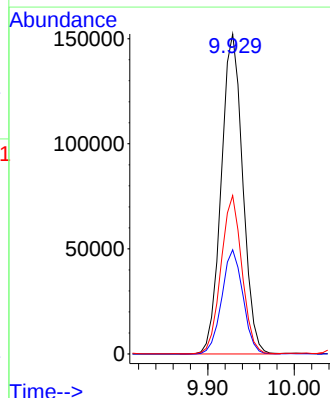
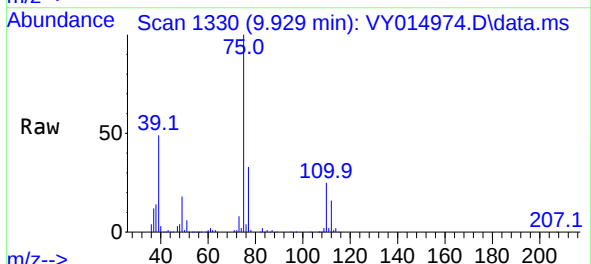
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

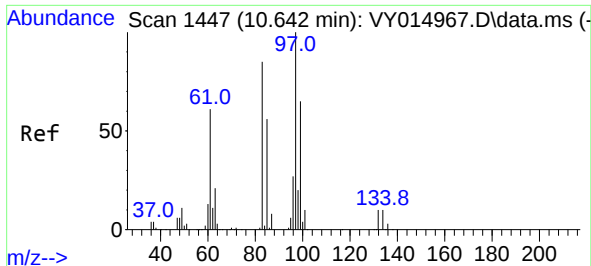
Tgt Ion: 75 Resp: 248116
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 49.949 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 75 Resp: 261932
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4
39 49.4 42.2 63.4



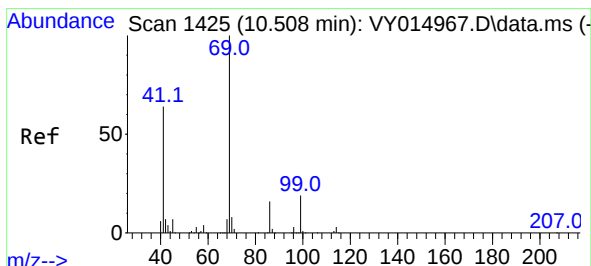
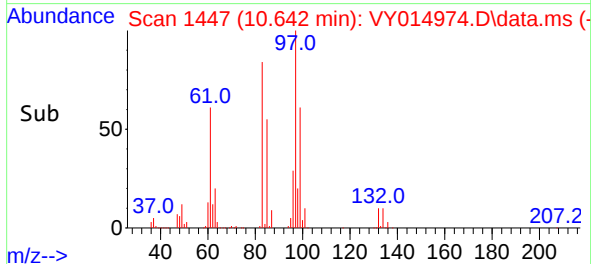
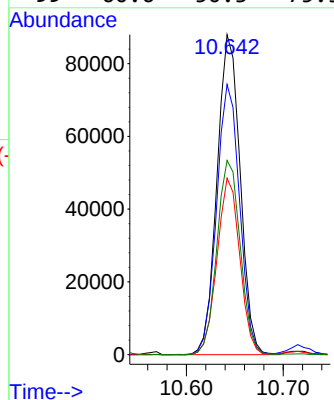
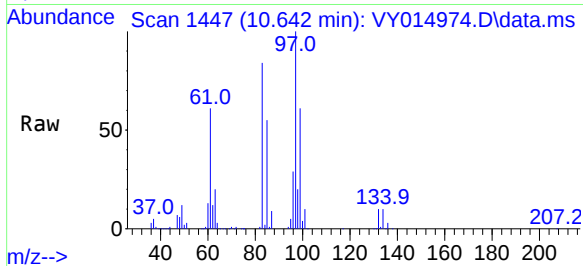


#55
1,1,2-Trichloroethane
Concen: 49.664 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 146095

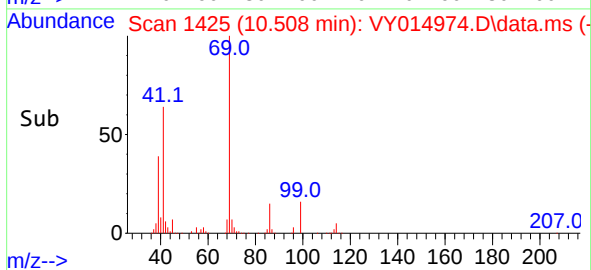
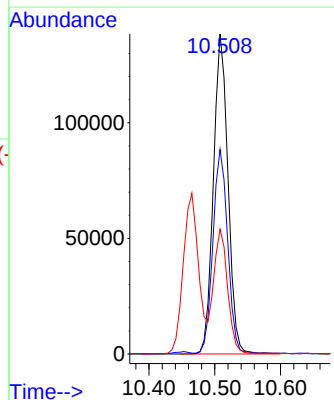
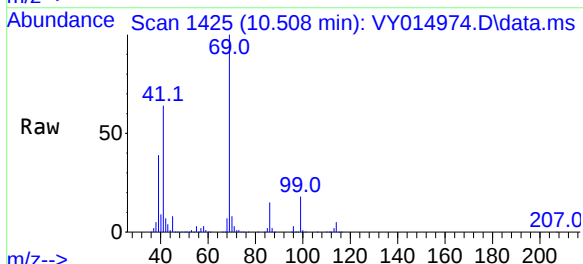
Ion	Ratio	Lower	Upper
97	100		
83	84.5	72.0	108.0
85	55.2	45.4	68.0
99	60.6	50.3	75.5

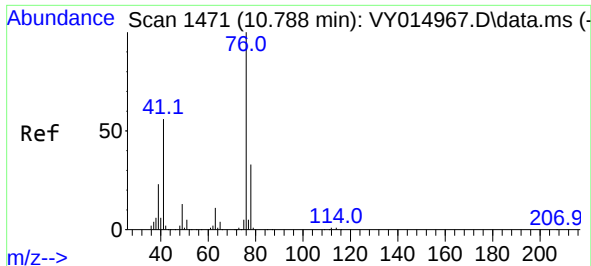


#56
Ethyl methacrylate
Concen: 50.804 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 69 Resp: 213996

Ion	Ratio	Lower	Upper
69	100		
41	64.2	57.6	86.4
39	36.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 49.400 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

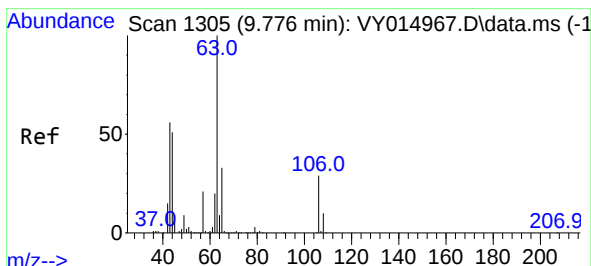
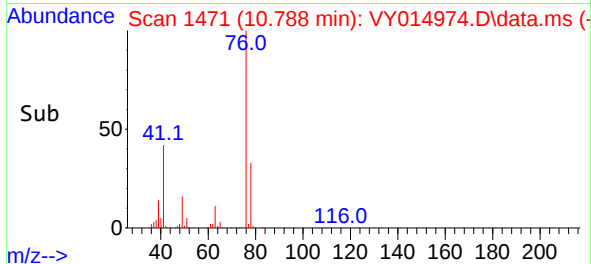
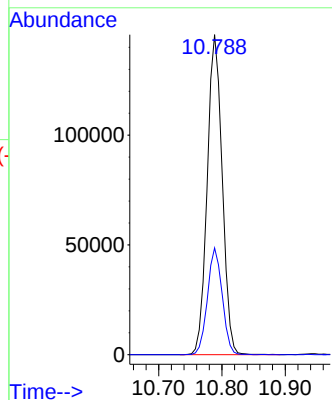
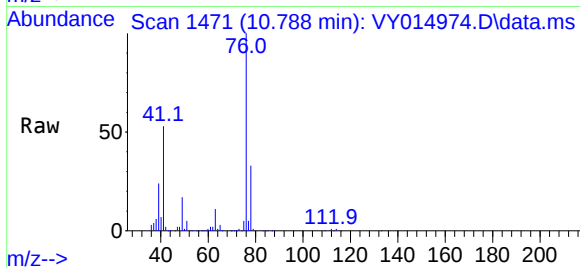
VSTDCCC050

Tgt Ion: 76 Resp: 240428

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.270 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY014974.D

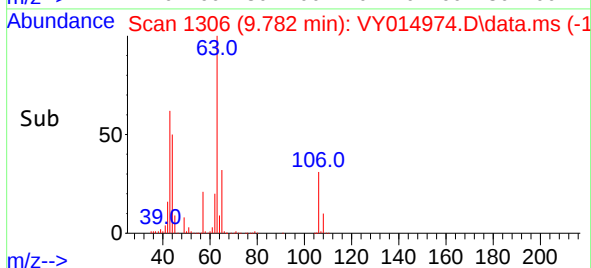
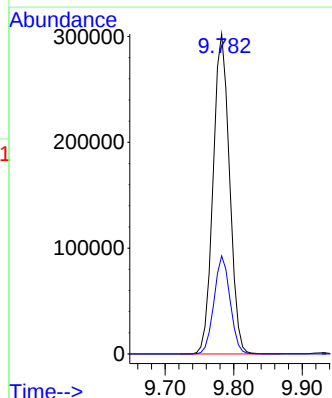
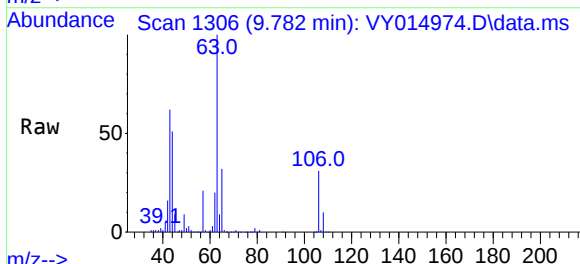
Acq: 08 Aug 2023 10:25

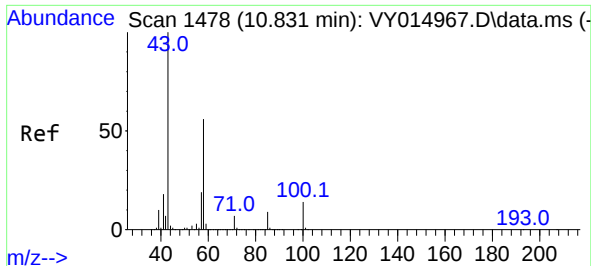
Tgt Ion: 63 Resp: 502435

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

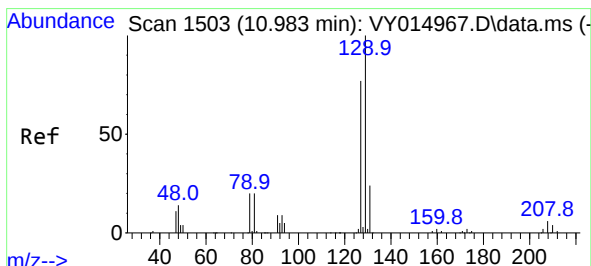
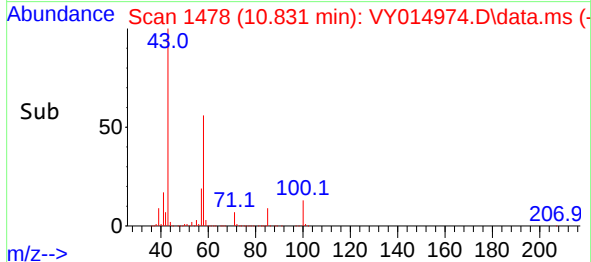
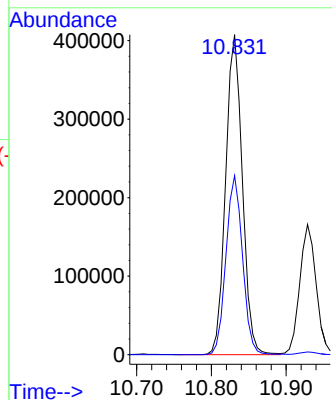
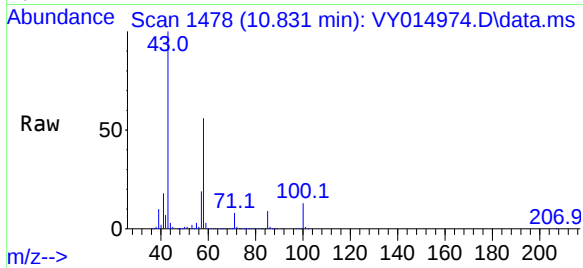




#59
2-Hexanone
Concen: 257.450 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

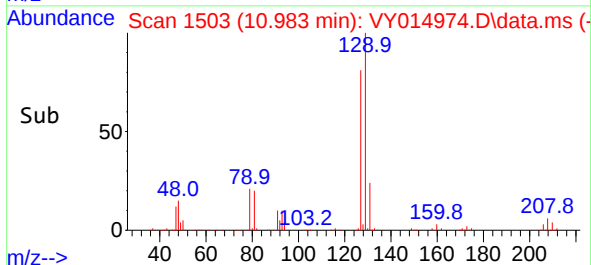
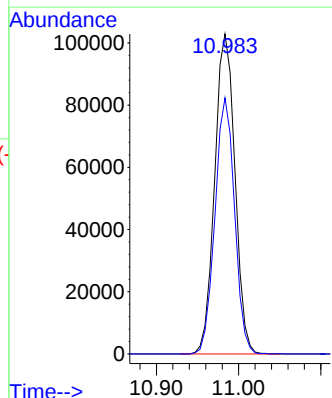
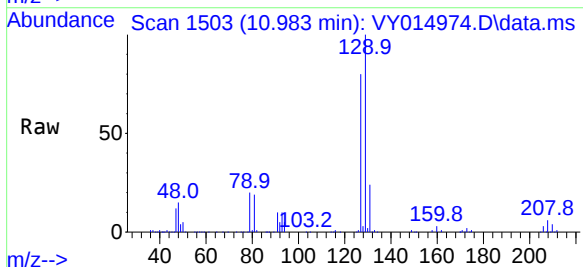
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

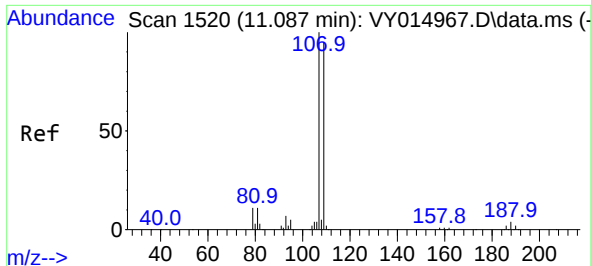
Tgt Ion: 43 Resp: 634559
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 50.273 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 129 Resp: 176087
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

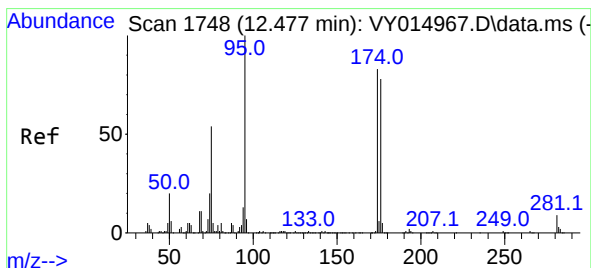
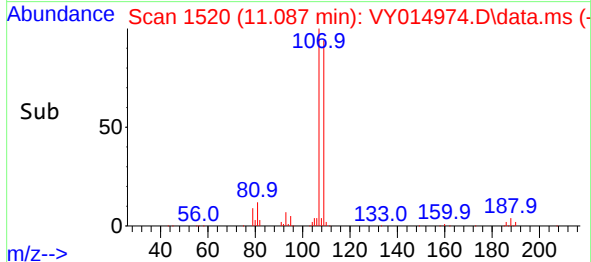
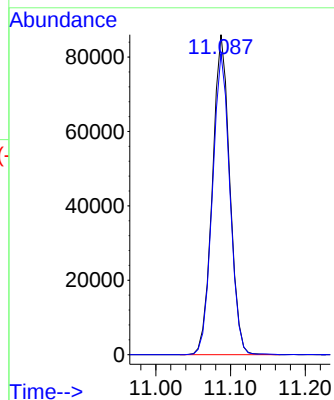
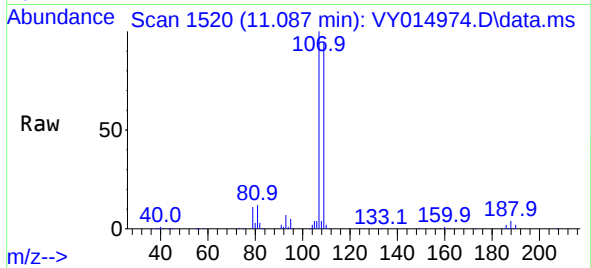




#61
1,2-Dibromoethane
Concen: 49.449 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

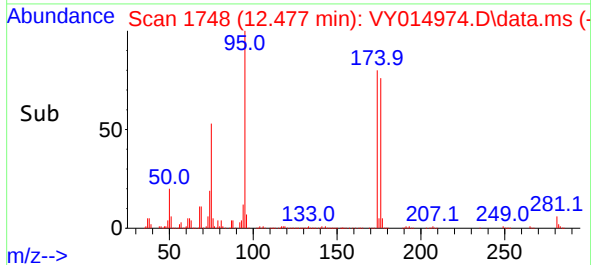
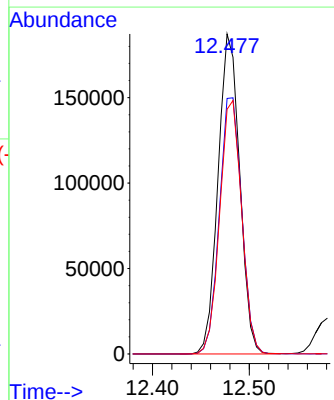
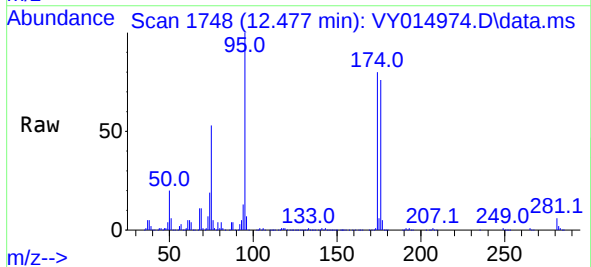
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

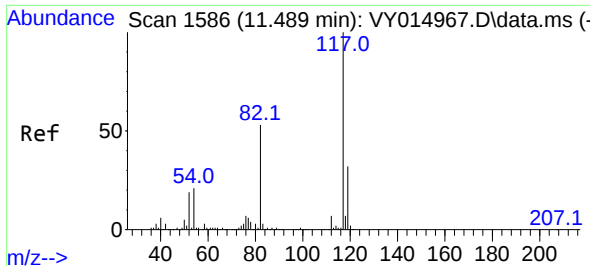
Tgt Ion:107 Resp: 138845
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 66.559 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 95 Resp: 290353
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 80.5 0.0 173.8

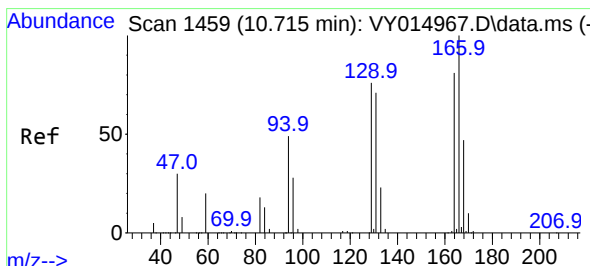
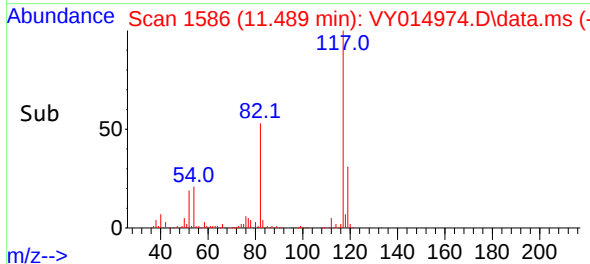
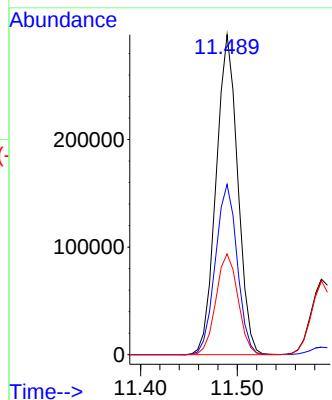
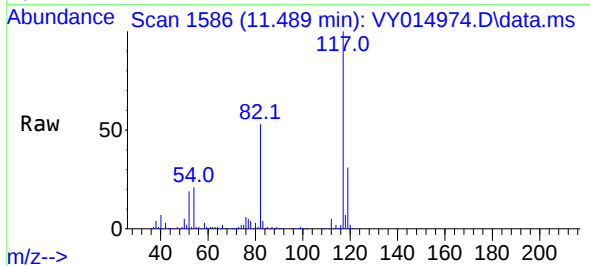




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

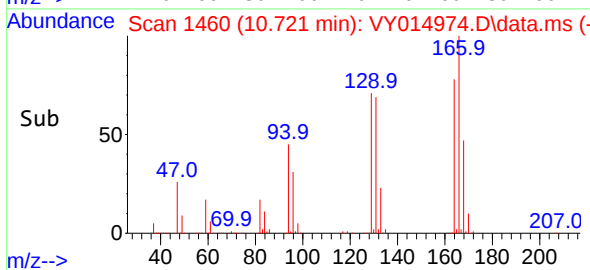
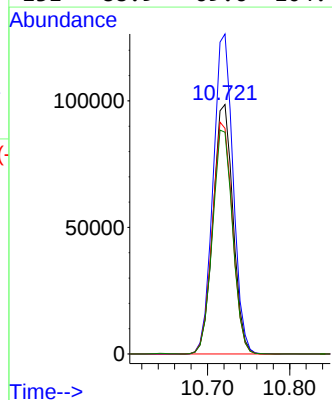
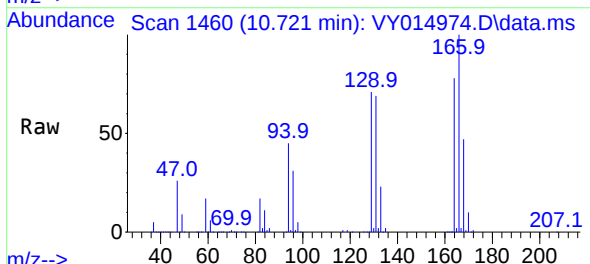
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

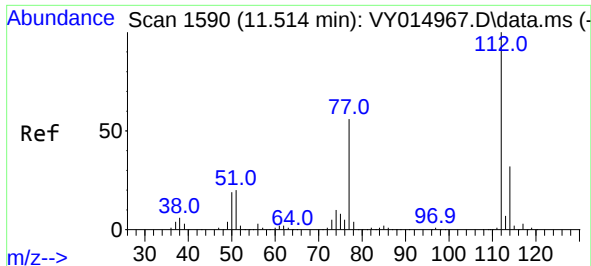
Tgt Ion:	117	Resp:	461579
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.4	65.0
119	31.5	26.3	39.5



#64
Tetrachloroethene
Concen: 47.899 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:	164	Resp:	166308
Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.0	154.6
129	90.4	77.2	115.8
131	88.9	69.6	104.4

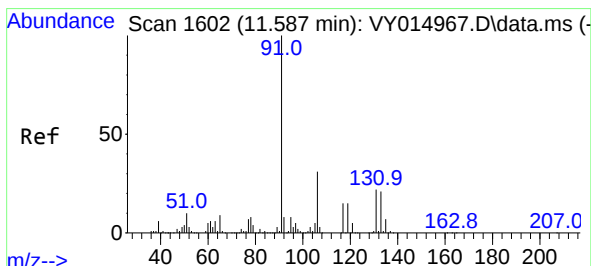
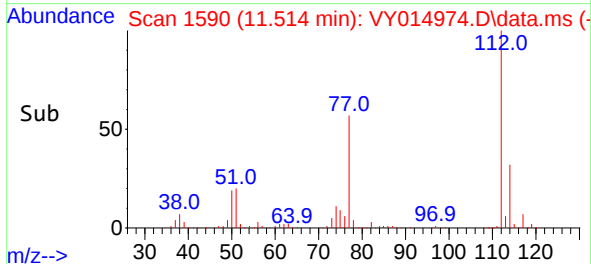
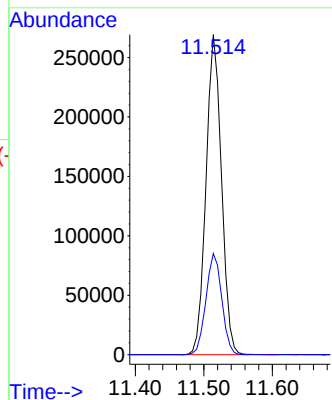
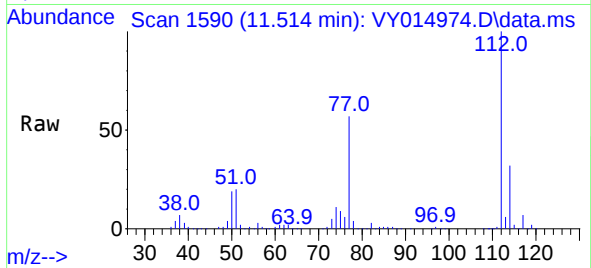




#65
Chlorobenzene
Concen: 48.276 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

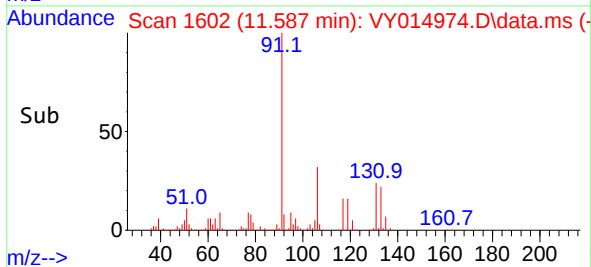
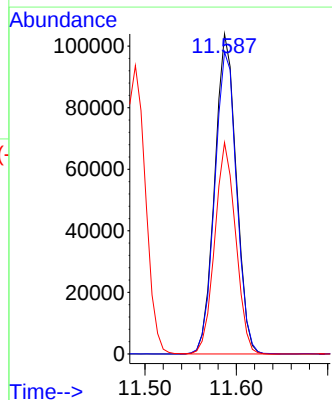
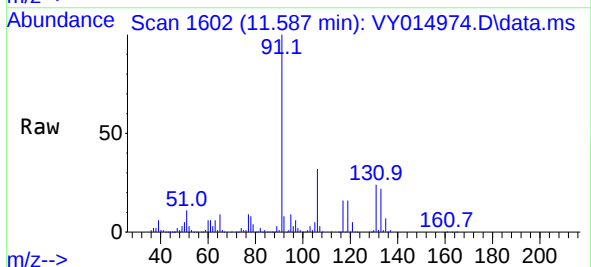
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

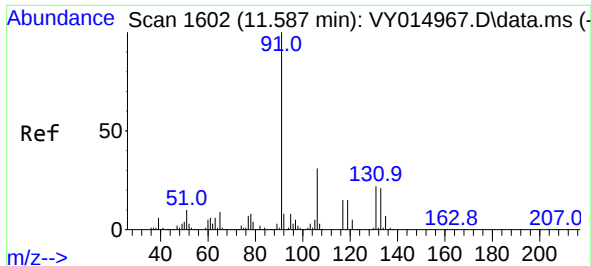
Tgt Ion:112 Resp: 422824
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.501 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:131 Resp: 169889
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 47.823 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

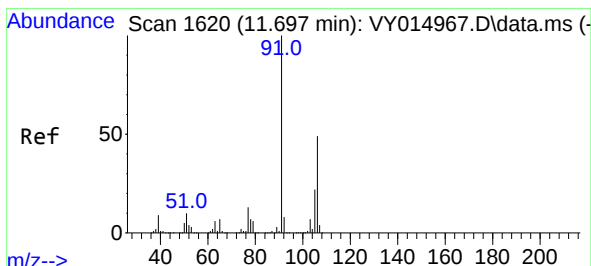
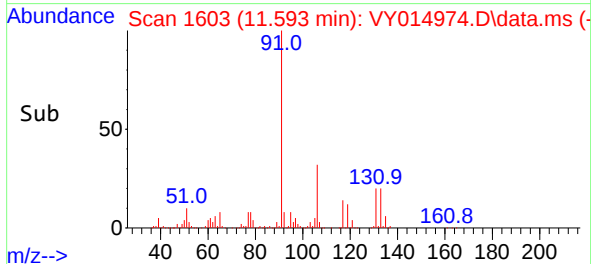
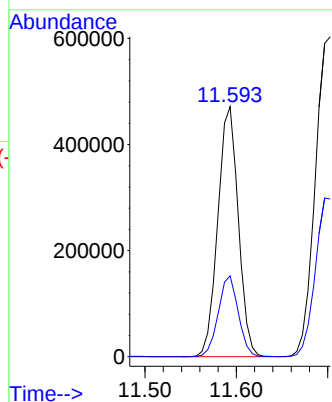
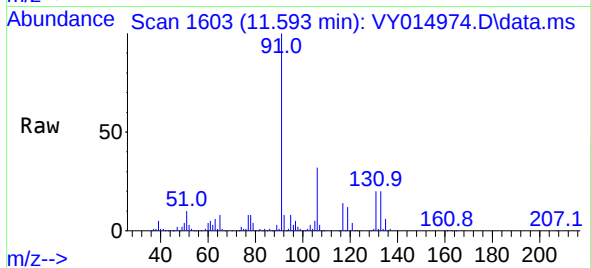
VSTDCCC050

Tgt Ion: 91 Resp: 735093

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 95.511 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY014974.D

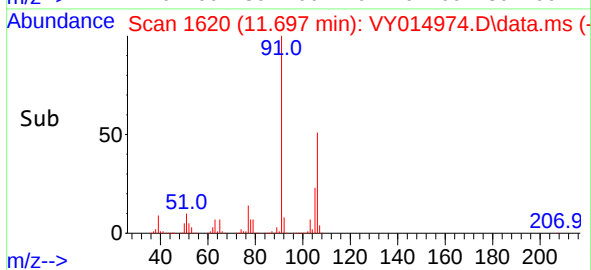
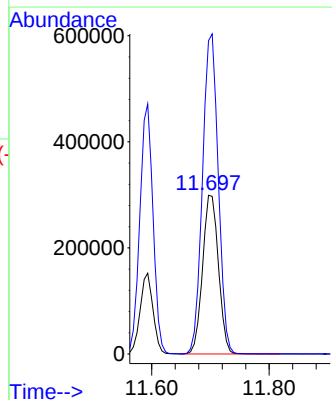
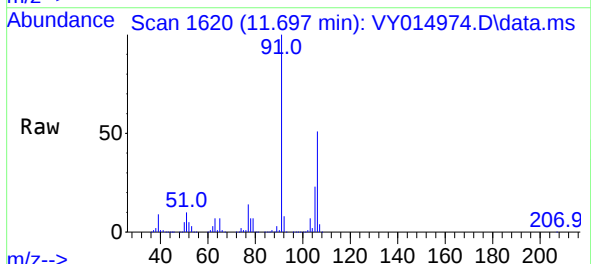
Acq: 08 Aug 2023 10:25

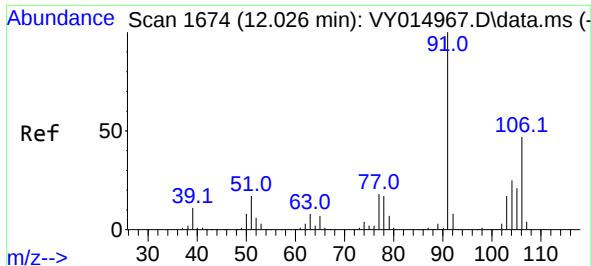
Tgt Ion:106 Resp: 561619

Ion Ratio Lower Upper

106 100

91 200.2 166.1 249.1

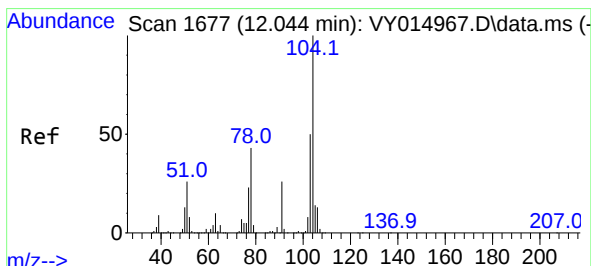
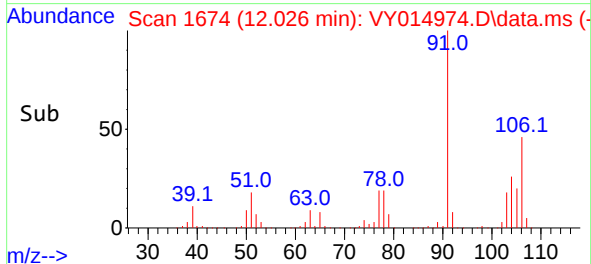
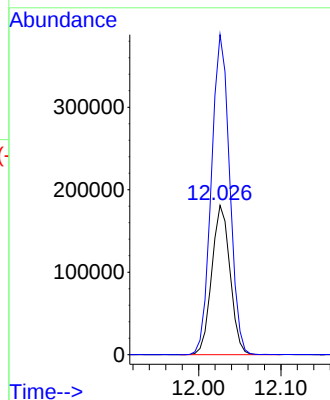
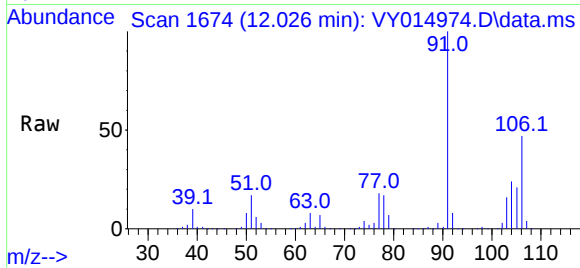




#69
o-Xylene
Concen: 48.484 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

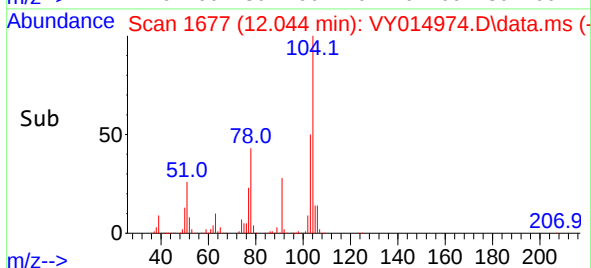
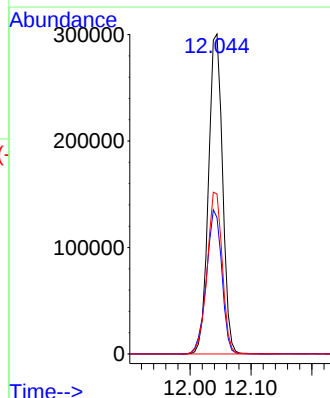
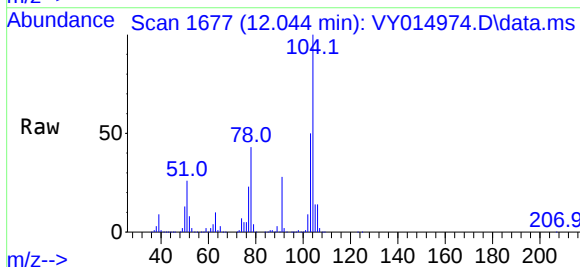
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

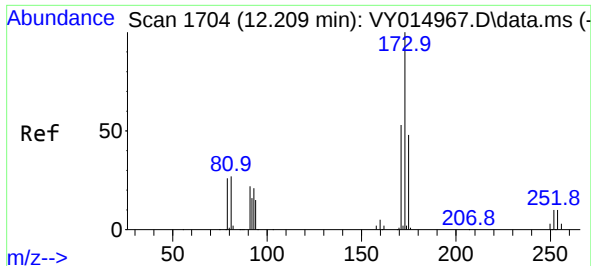
Tgt Ion:106 Resp: 278963
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.3



#70
Styrene
Concen: 49.061 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:104 Resp: 482421
Ion Ratio Lower Upper
104 100
78 49.2 41.5 62.3
103 54.4 44.6 67.0

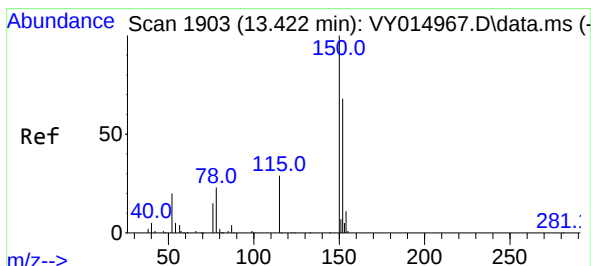
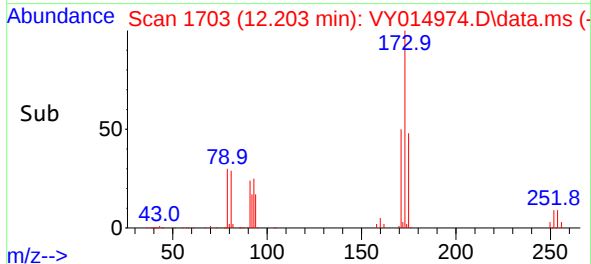
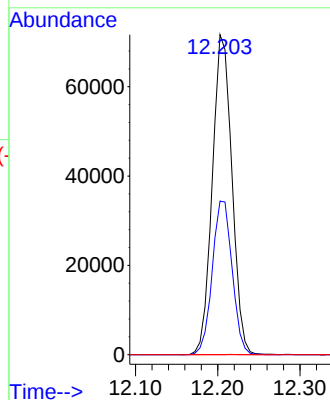
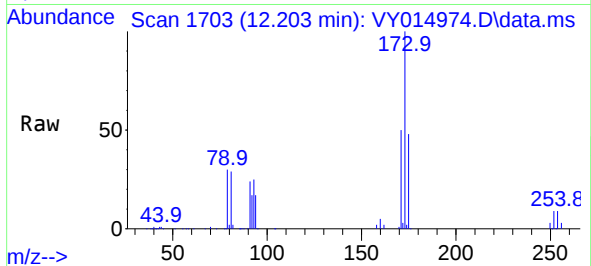




#71
Bromoform
Concen: 50.212 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

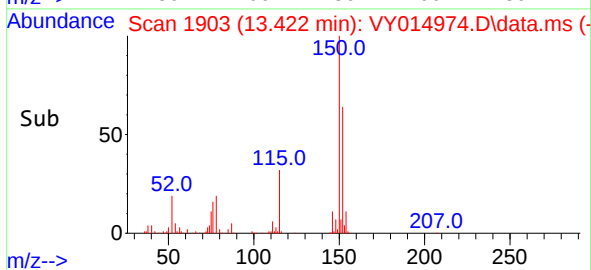
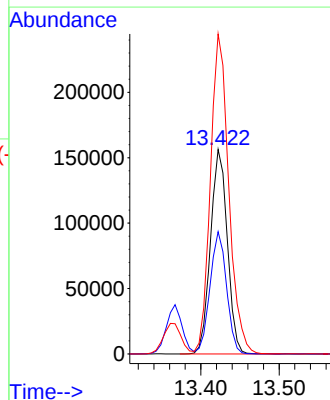
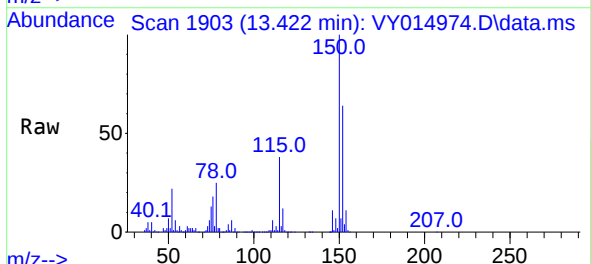
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

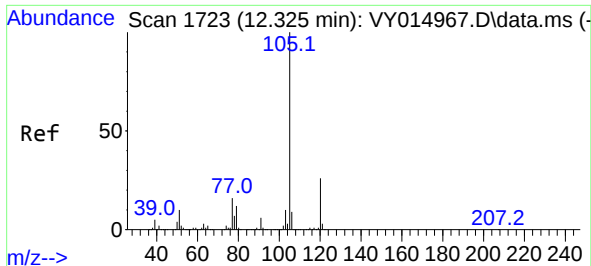
Tgt Ion:173 Resp: 118783
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:152 Resp: 232739
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 170.8 0.0 348.8

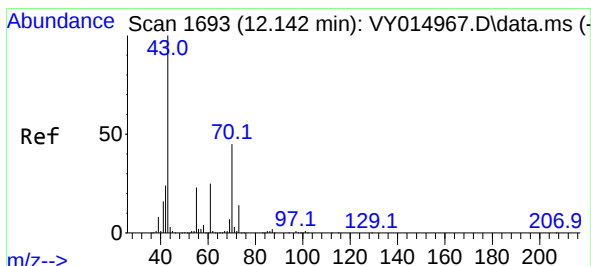
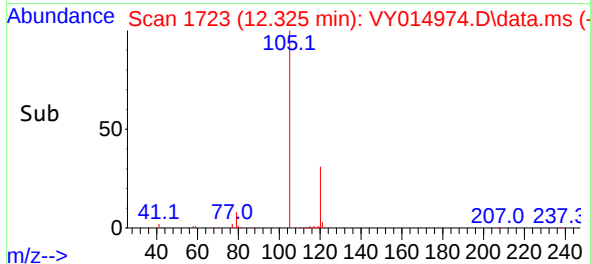
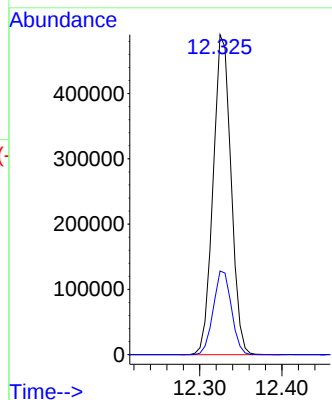
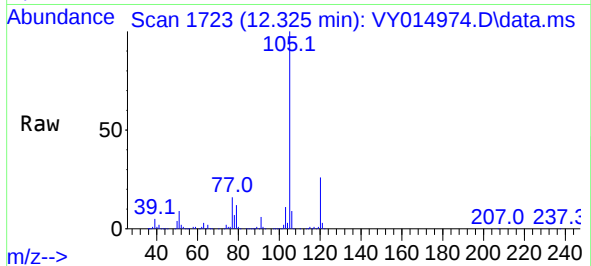




#73
Isopropylbenzene
Concen: 47.353 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

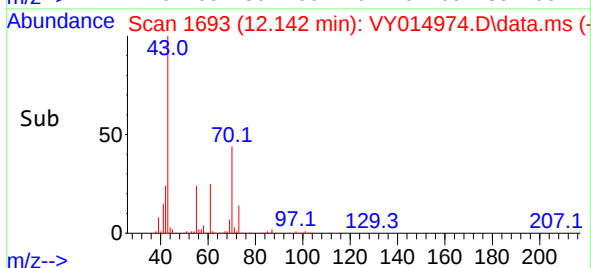
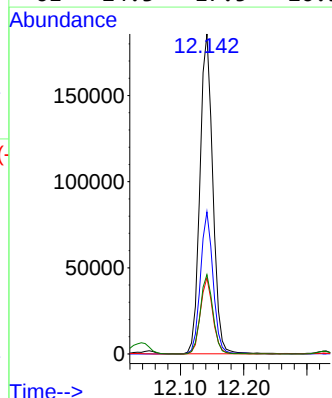
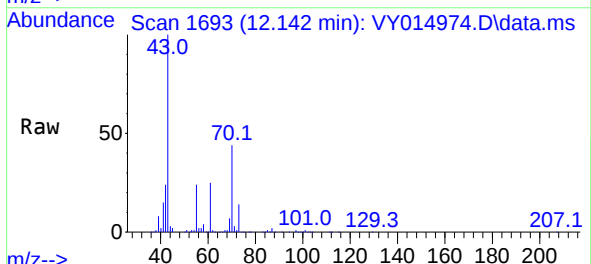
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

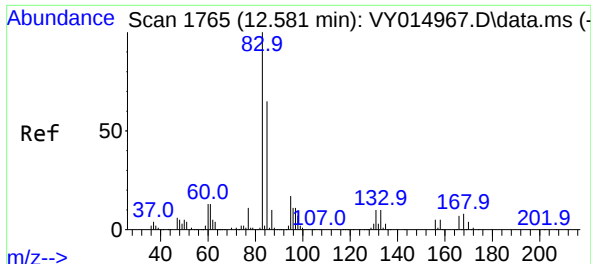
Tgt Ion:105 Resp: 740844
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 49.274 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 43 Resp: 263386
Ion Ratio Lower Upper
43 100
70 43.8 29.7 44.5
55 23.1 18.3 27.5
61 24.3 17.5 26.3

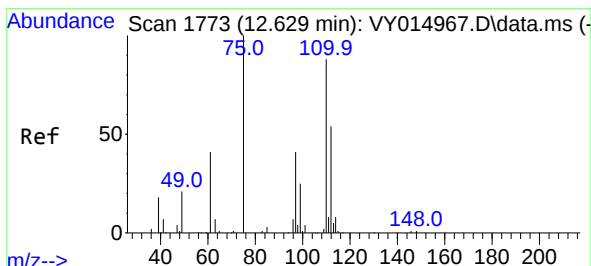
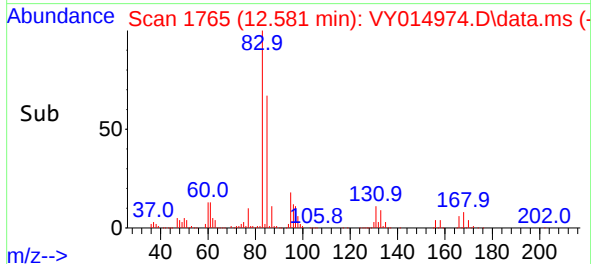
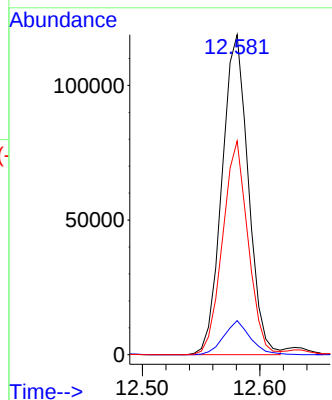
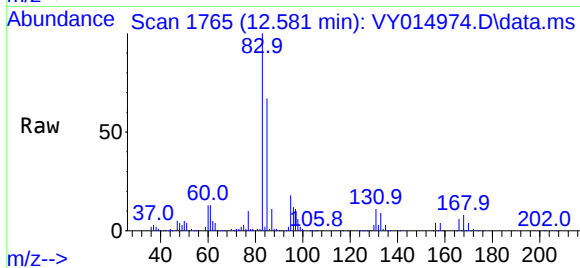




#75
1,1,2-Tetrachloroethane
Concen: 48.338 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

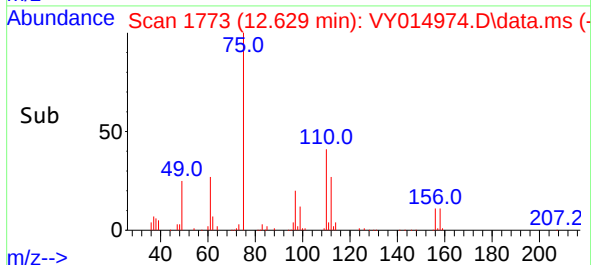
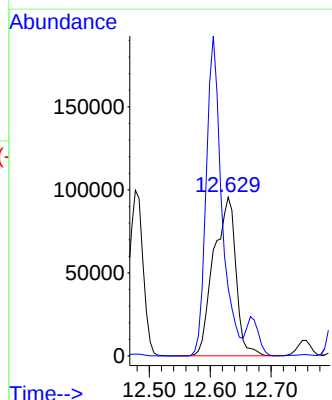
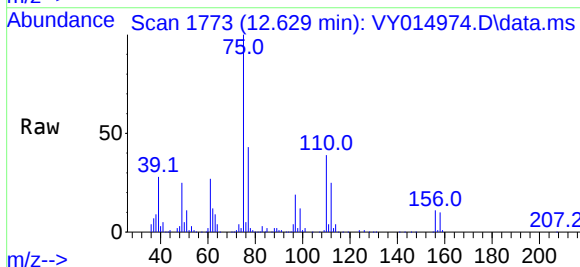
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

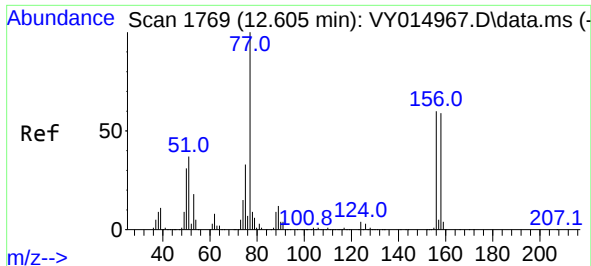
Tgt Ion: 83 Resp: 184812
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.8 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 86.963 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 75 Resp: 242519
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

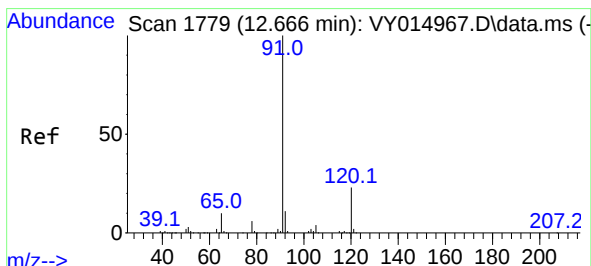
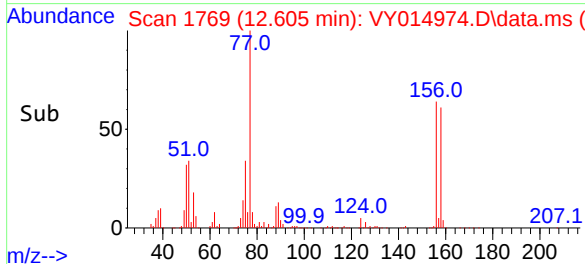
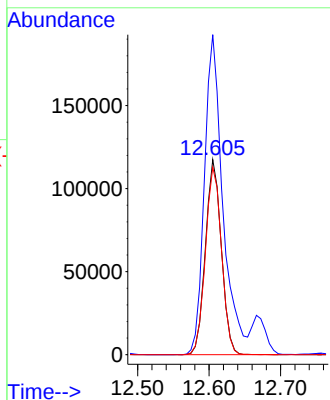
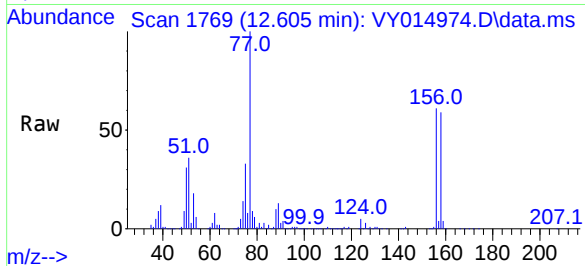




#77
Bromobenzene
Concen: 47.746 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

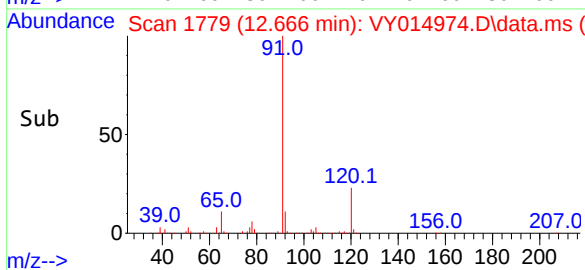
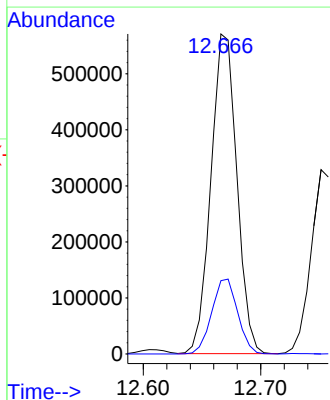
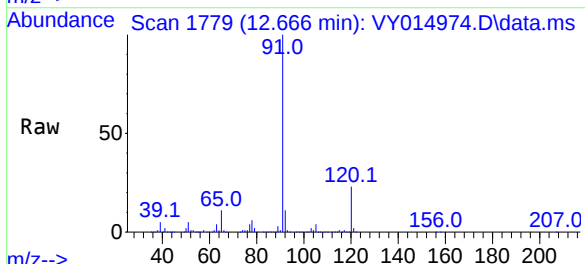
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

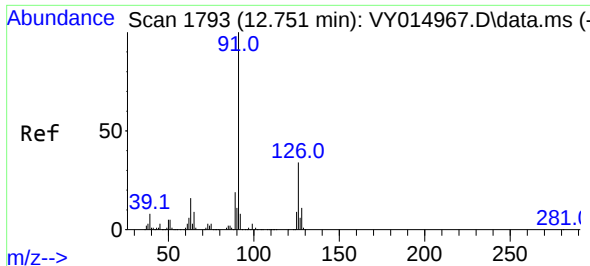
Tgt Ion:156 Resp: 181193
Ion Ratio Lower Upper
156 100
77 190.7 92.8 278.6
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 46.721 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 91 Resp: 874255
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4

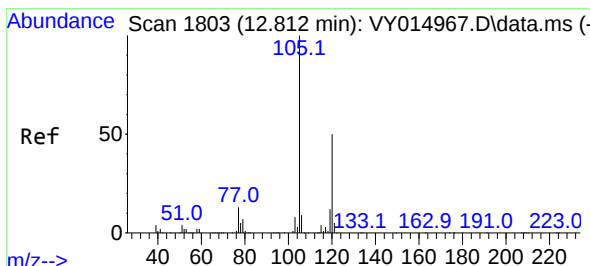
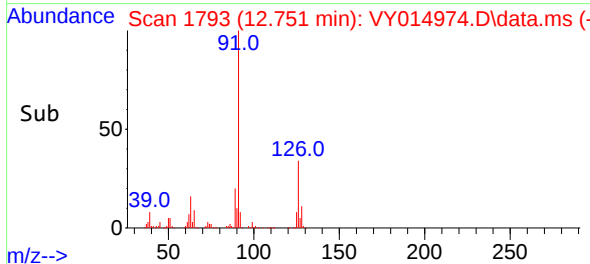
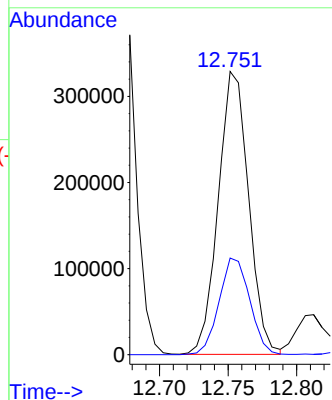
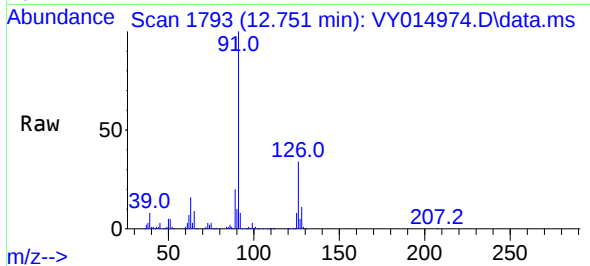




#79
2-Chlorotoluene
Concen: 47.586 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

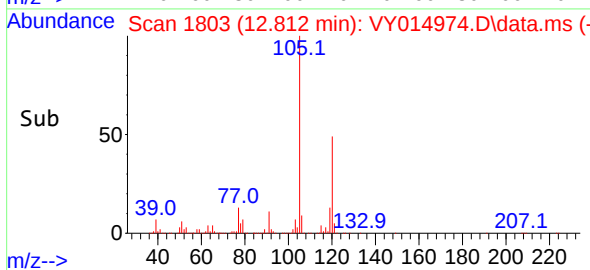
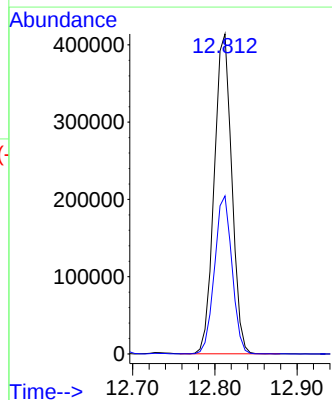
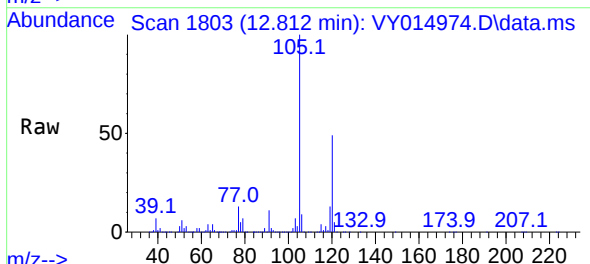
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

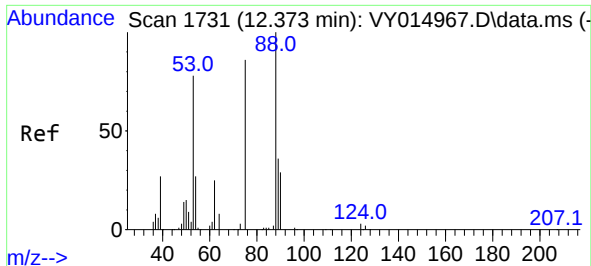
Tgt Ion: 91 Resp: 507487
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.676 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 105 Resp: 614668
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

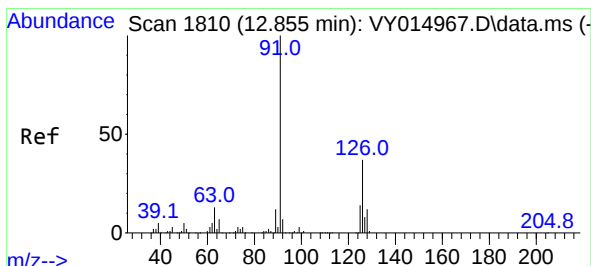
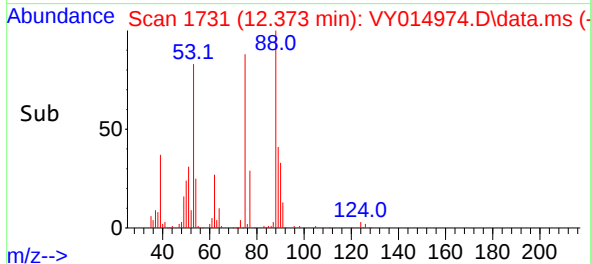
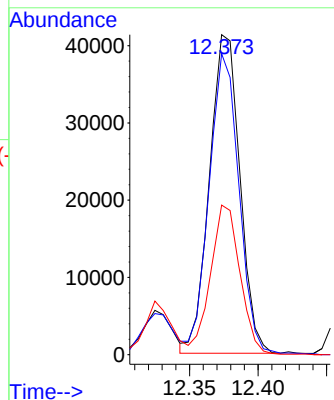
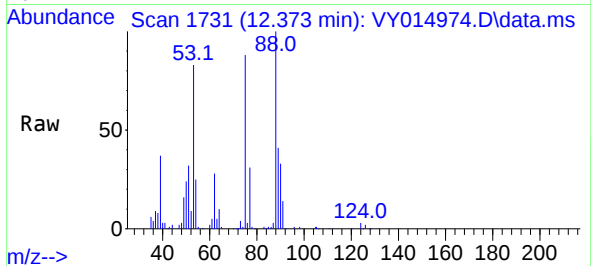




#81
trans-1,4-Dichloro-2-butene
Concen: 50.293 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

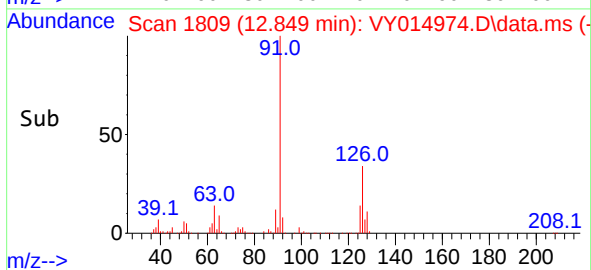
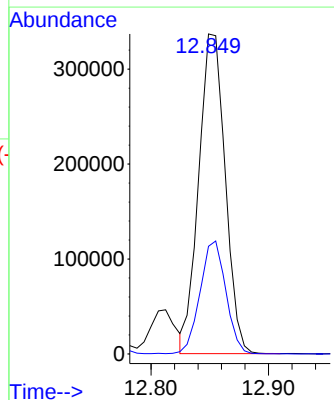
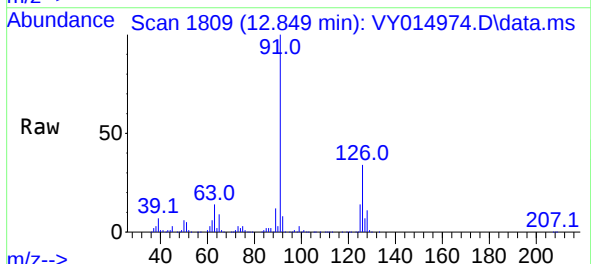
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

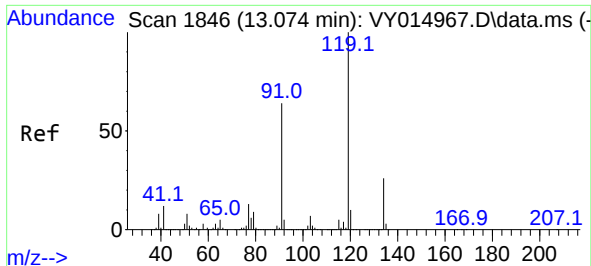
Tgt Ion: 75 Resp: 63665
Ion Ratio Lower Upper
75 100
53 93.4 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.870 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion: 91 Resp: 527757
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

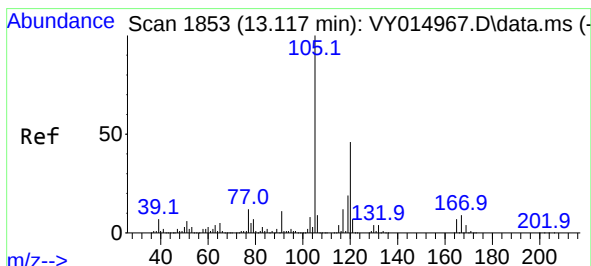
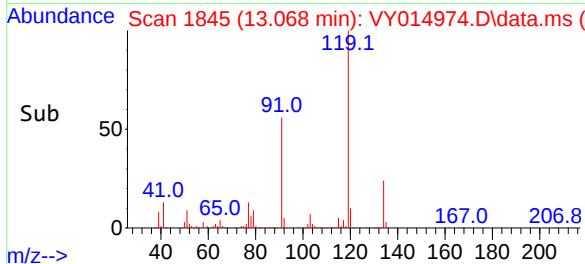
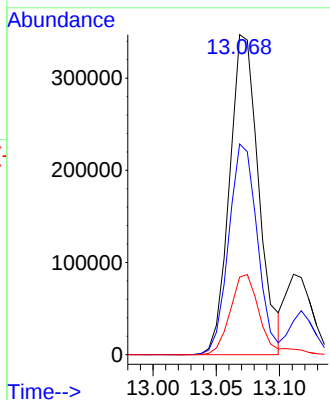
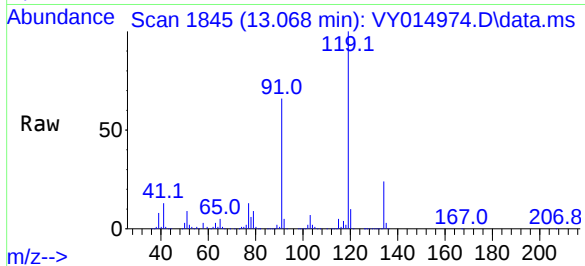




#83
tert-Butylbenzene
Concen: 47.361 ug/l
RT: 13.068 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

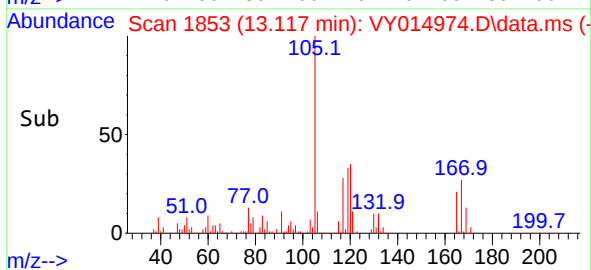
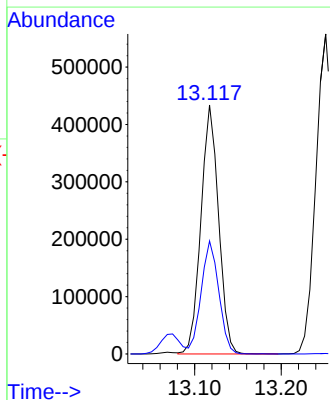
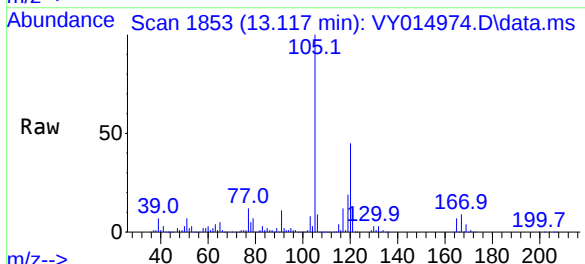
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

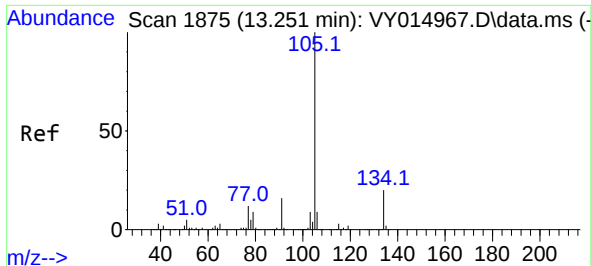
Tgt Ion:119 Resp: 558582
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.6
134 25.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 47.586 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:105 Resp: 614679
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6

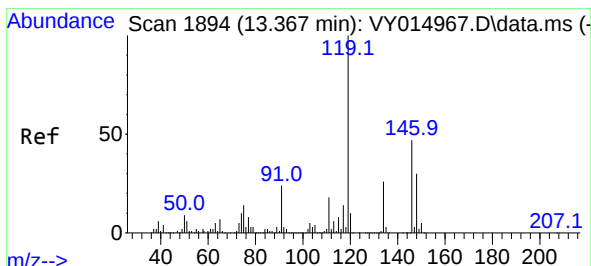
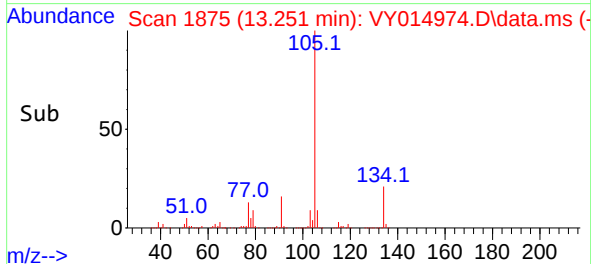
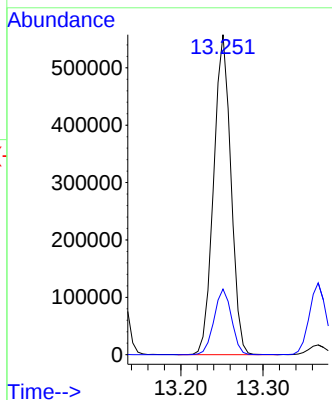
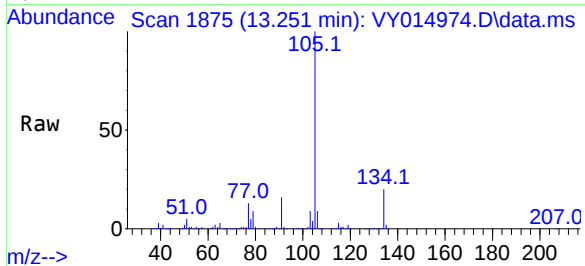




#85
 sec-Butylbenzene
 Concen: 46.894 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014974.D
 Acq: 08 Aug 2023 10:25

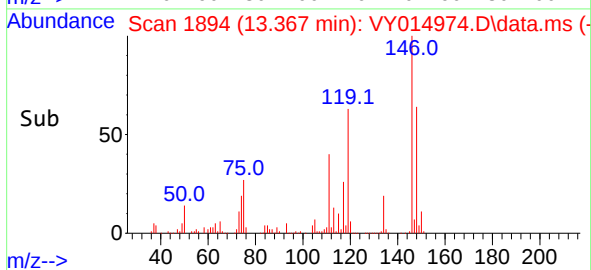
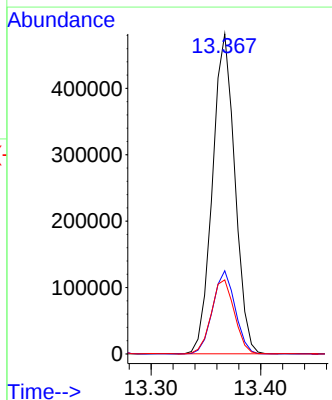
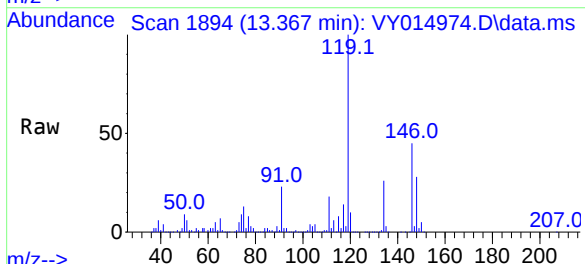
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

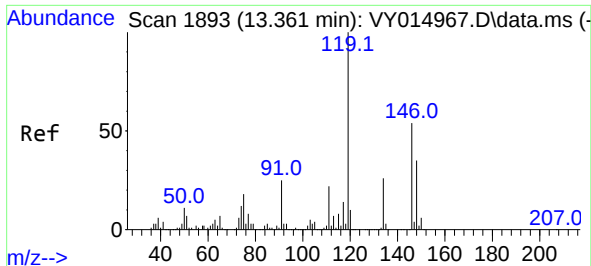
Tgt Ion:105 Resp: 811736
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 47.743 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014974.D
 Acq: 08 Aug 2023 10:25

Tgt Ion:119 Resp: 684080
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 23.9 12.4 37.4

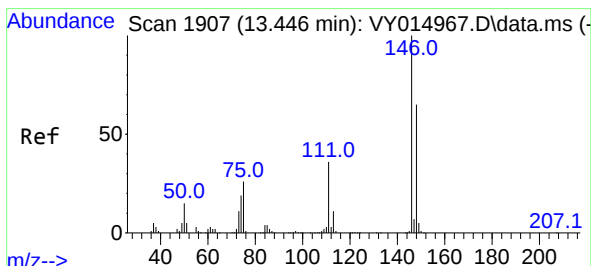
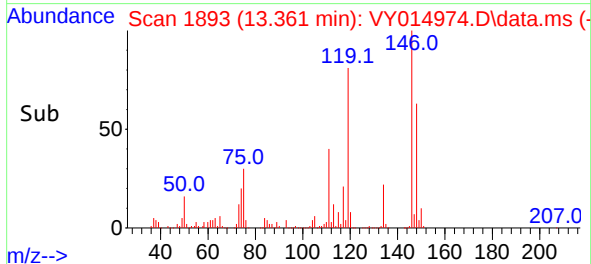
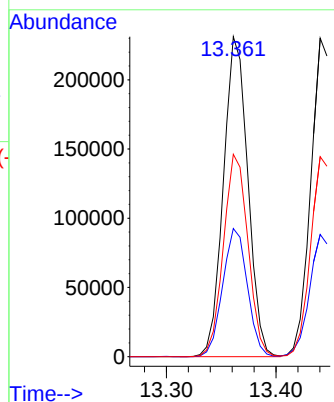
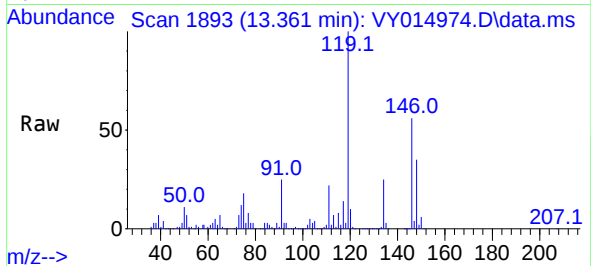




#87
1,3-Dichlorobenzene
Concen: 48.096 ug/l
RT: 13.361 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

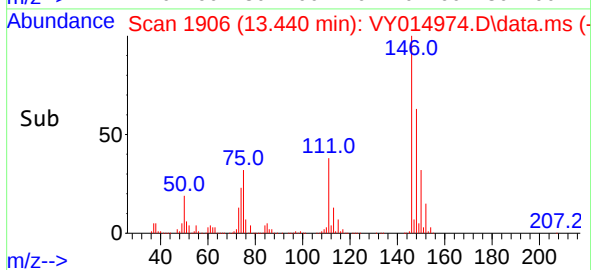
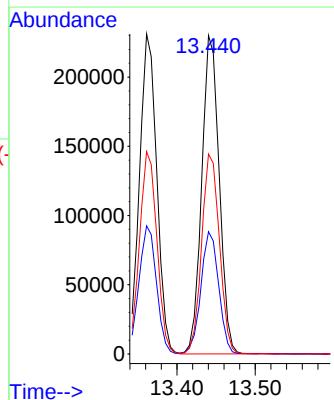
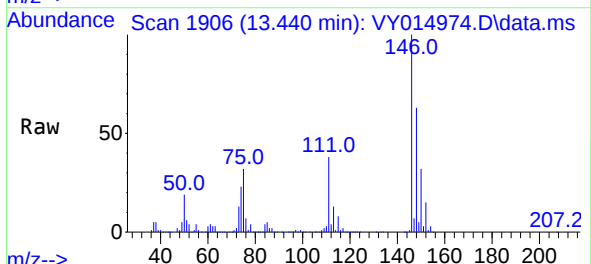
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

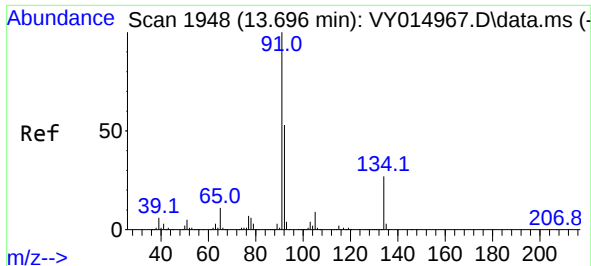
Tgt Ion:146 Resp: 357266
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.091 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:146 Resp: 356247
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 47.613 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

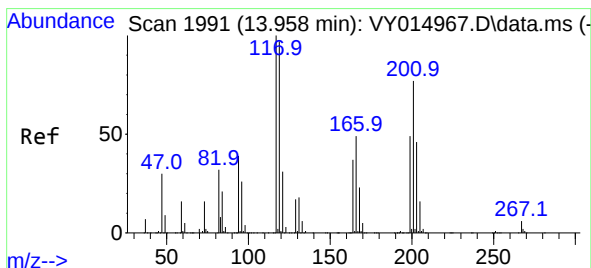
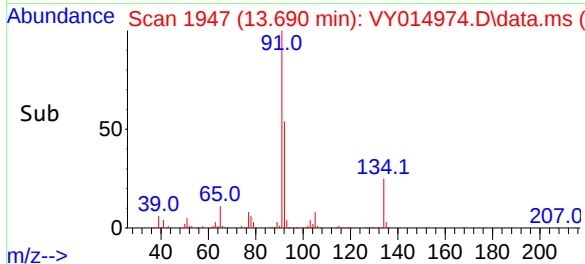
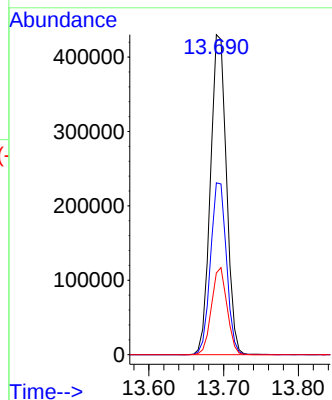
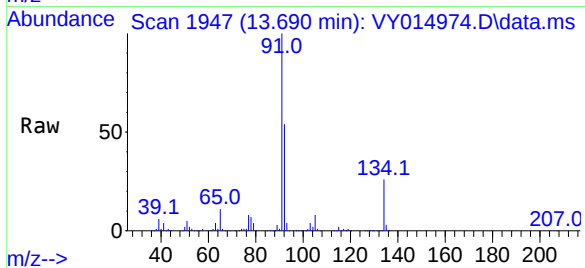
Tgt Ion: 91 Resp: 640992

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 47.881 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY014974.D

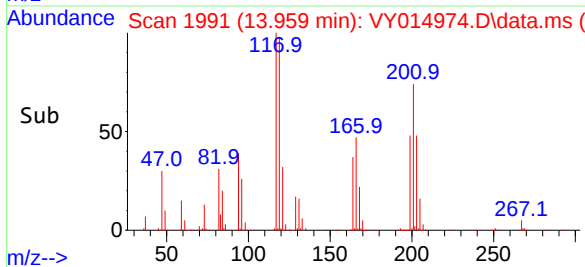
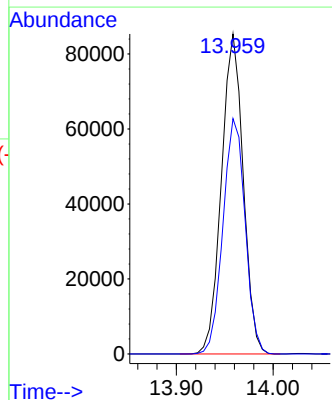
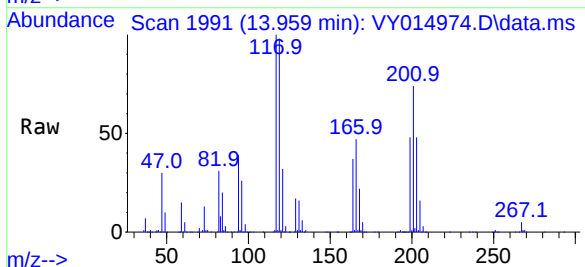
Acq: 08 Aug 2023 10:25

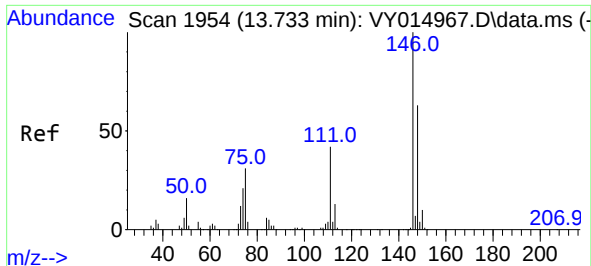
Tgt Ion: 117 Resp: 133227

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.790 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

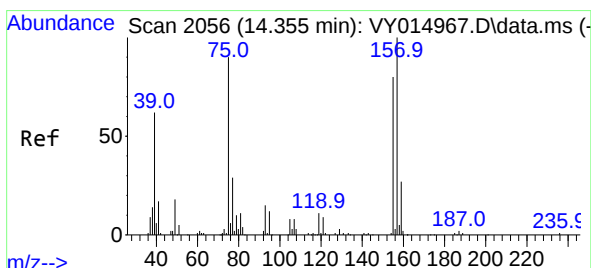
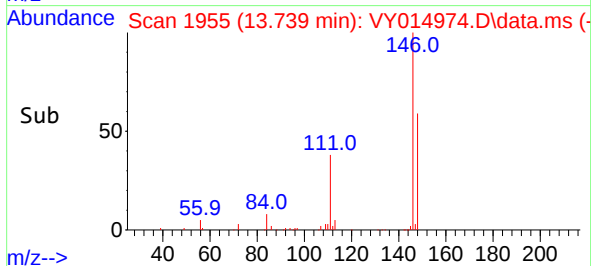
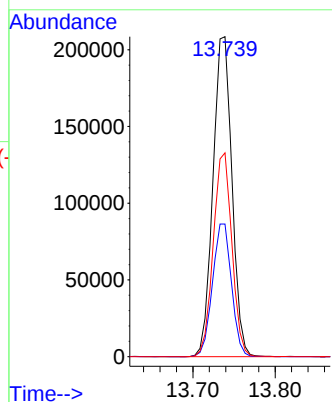
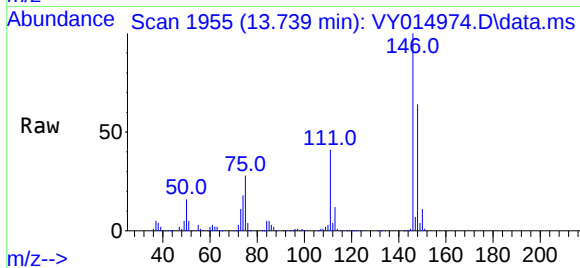
Tgt Ion:146 Resp: 334477

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.0

148 62.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.967 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY014974.D

Acq: 08 Aug 2023 10:25

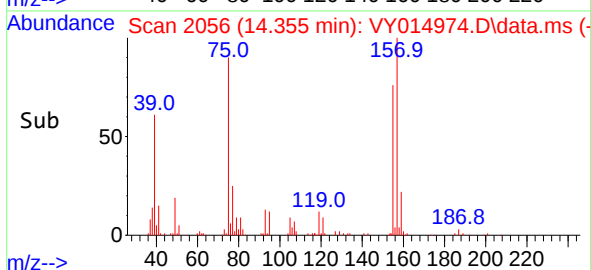
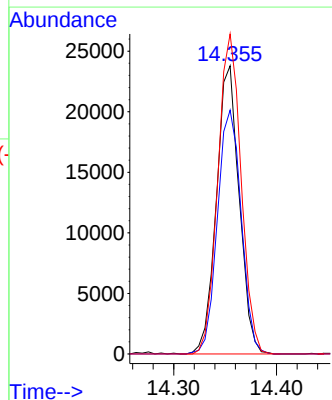
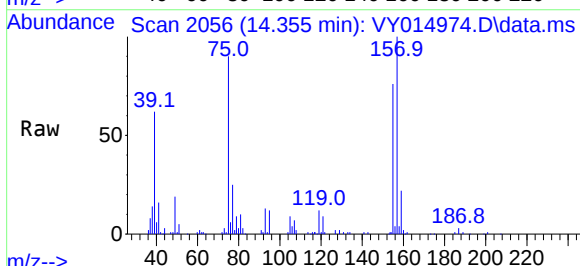
Tgt Ion: 75 Resp: 36554

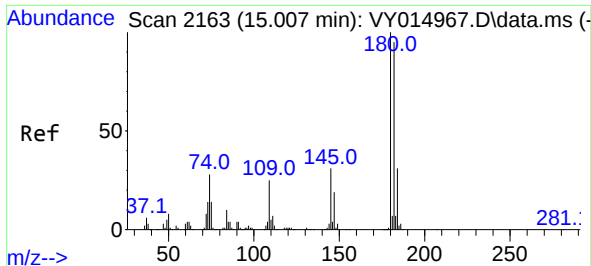
Ion Ratio Lower Upper

75 100

155 88.4 41.5 124.6

157 113.3 51.8 155.5

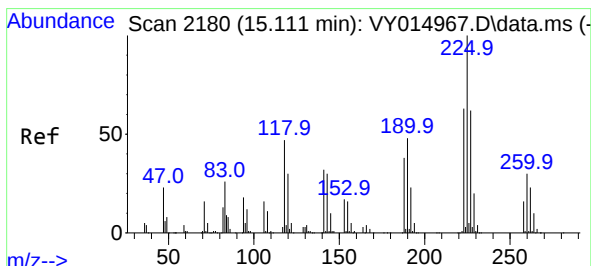
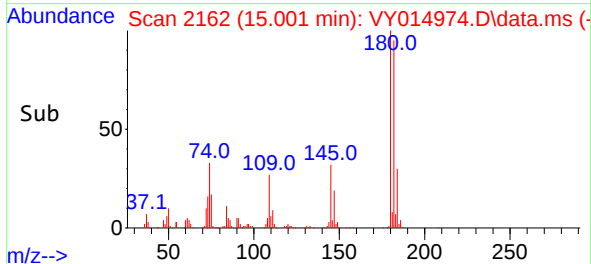
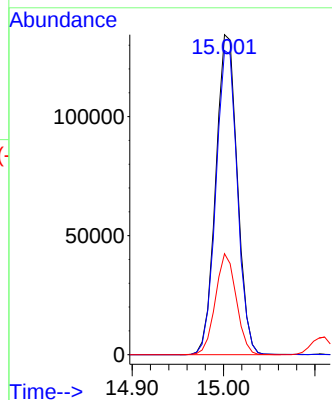
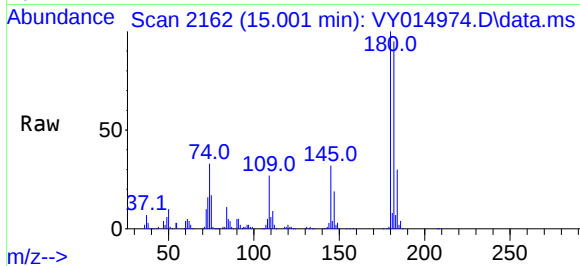




#93
1,2,4-Trichlorobenzene
Concen: 50.184 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

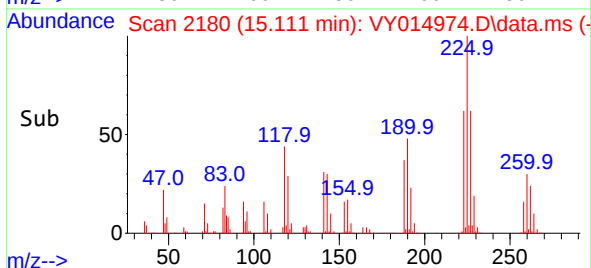
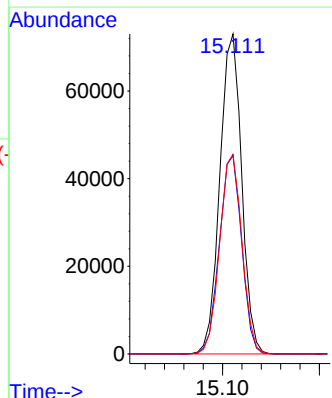
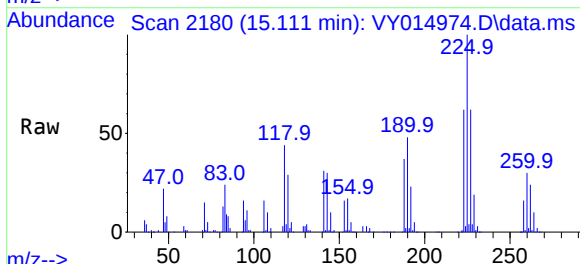
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

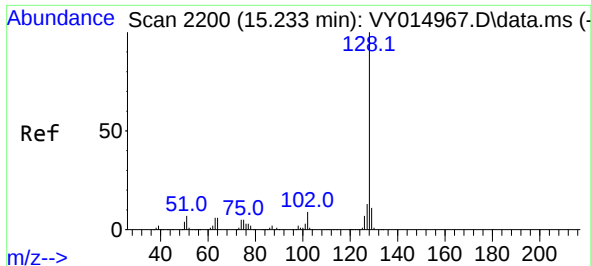
Tgt Ion:180 Resp: 220149
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.2
145 30.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 48.042 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:225 Resp: 114284
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 63.6 33.0 98.9

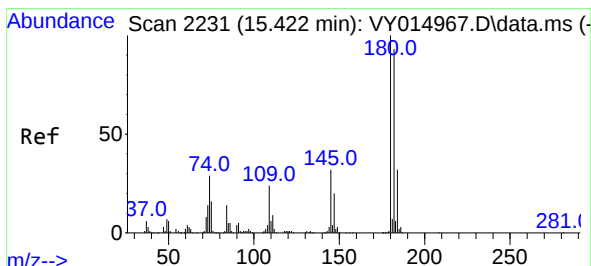
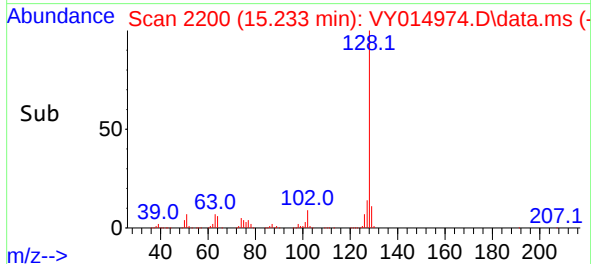
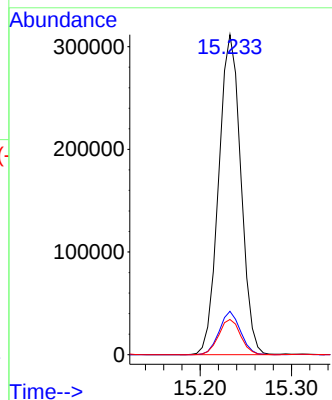
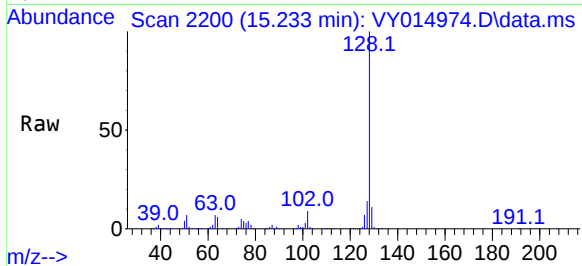




#95
Naphthalene
Concen: 50.935 ug/l
RT: 15.233 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 525757
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.039 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY014974.D
Acq: 08 Aug 2023 10:25

Tgt Ion:180 Resp: 198698
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 32.3 15.4 46.2

