

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY014999.D
 Acq On : 09 Aug 2023 11:30
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 10 01:42:16 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	7.783	168	356367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	590909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	526501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	266650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	215810	49.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.710	113	192374	50.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.179	98	691475	48.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.483	95	256103	50.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85124	42.539	ug/l	97
3) Chloromethane	2.107	50	122122	43.544	ug/l	100
4) Vinyl Chloride	2.247	62	143553	41.539	ug/l	94
5) Bromomethane	2.643	94	98200	43.859	ug/l	98
6) Chloroethane	2.784	64	104305	43.714	ug/l	96
7) Trichlorofluoromethane	3.119	101	251382	46.031	ug/l	98
8) Diethyl Ether	3.527	74	102120	50.675	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	148546	45.949	ug/l	96
10) Methyl Iodide	4.082	142	191469	57.285	ug/l	97
11) Tert butyl alcohol	4.972	59	174209	167.119	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	133674	47.456	ug/l	91
13) Acrolein	3.729	56	96792	272.946	ug/l	99
14) Allyl chloride	4.472	41	240123	51.191	ug/l	96
15) Acrylonitrile	5.161	53	311992	253.418	ug/l	99
16) Acetone	3.948	43	373800	277.530	ug/l	95
17) Carbon Disulfide	4.186	76	278623	44.738	ug/l	98
18) Methyl Acetate	4.478	43	260187	53.046	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	553126	51.903	ug/l	99
20) Methylene Chloride	4.710	84	255014	50.474	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	152941	47.634	ug/l	99
22) Diisopropyl ether	6.118	45	562545	51.487	ug/l	92
23) Vinyl Acetate	6.057	43	1653129	251.697	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	311501	50.264	ug/l	97
25) 2-Butanone	6.984	43	481697	249.695	ug/l	97
26) 2,2-Dichloropropane	6.972	77	294577	46.976	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	201378	49.561	ug/l	96
28) Bromochloromethane	7.332	49	144237	51.629	ug/l	90
29) Tetrahydrofuran	7.350	42	281105	248.483	ug/l	91
30) Chloroform	7.502	83	340617	50.596	ug/l	95
31) Cyclohexane	7.783	56	210460	46.884	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	290666	48.993	ug/l	98
36) 1,1-Dichloropropene	7.911	75	216598	46.169	ug/l	98
37) Ethyl Acetate	7.076	43	188529	50.628	ug/l #	96
38) Carbon Tetrachloride	7.899	117	251677	47.720	ug/l	99
39) Methylcyclohexane	9.179	83	248665	44.571	ug/l	96
40) Benzene	8.155	78	660844	47.838	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY014999.D
 Acq On : 09 Aug 2023 11:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 01:42:16 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)
41) Methacrylonitrile	7.301	41	86132	47.595	ug/l	95
42) 1,2-Dichloroethane	8.234	62	239819	49.873	ug/l	95
43) Isopropyl Acetate	8.270	43	353318	51.068	ug/l	97
44) Trichloroethene	8.935	130	192560	48.579	ug/l	100
45) 1,2-Dichloropropane	9.215	63	182934	49.827	ug/l	98
46) Dibromomethane	9.301	93	117675	49.755	ug/l	97
47) Bromodichloromethane	9.496	83	277976	51.039	ug/l	98
48) Methyl methacrylate	9.289	41	155761	51.312	ug/l	93
49) 1,4-Dioxane	9.301	88	43292	984.094	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	999971	256.477	ug/l	94
52) Toluene	10.240	92	429882	48.357	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	294302	51.889	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	313921	51.229	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	171499	49.892	ug/l	95
56) Ethyl methacrylate	10.508	69	257739	52.364	ug/l	89
57) 1,3-Dichloropropane	10.788	76	285138	50.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	577102	247.970	ug/l	93
59) 2-Hexanone	10.831	43	749593	260.260	ug/l	93
60) Dibromochloromethane	10.983	129	210242	51.367	ug/l	100
61) 1,2-Dibromoethane	11.087	107	164112	50.018	ug/l	100
64) Tetrachloroethene	10.721	164	210659	53.191	ug/l	98
65) Chlorobenzene	11.514	112	492727	49.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	199652	51.000	ug/l	98
67) Ethyl Benzene	11.593	91	861255	49.122	ug/l	99
68) m/p-Xylenes	11.703	106	658043	98.110	ug/l	97
69) o-Xylene	12.026	106	326524	49.752	ug/l	99
70) Styrene	12.044	104	563352	50.227	ug/l	98
71) Bromoform	12.209	173	144273	53.467	ug/l #	98
73) Isopropylbenzene	12.331	105	860910	48.029	ug/l	100
74) N-amyl acetate	12.142	43	311856	50.922	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	217161	49.576	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	288942	90.433	ug/l #	100
77) Bromobenzene	12.605	156	215169	49.488	ug/l	97
78) n-propylbenzene	12.672	91	1025179	47.819	ug/l	99
79) 2-Chlorotoluene	12.757	91	602703	49.327	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	739064	50.034	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	75583	52.115	ug/l	98
82) 4-Chlorotoluene	12.855	91	623262	49.343	ug/l	100
83) tert-Butylbenzene	13.074	119	649057	48.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	773400	52.259	ug/l	100
85) sec-Butylbenzene	13.251	105	942044	47.501	ug/l	99
86) p-Isopropyltoluene	13.367	119	794201	48.379	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	416422	48.931	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	416884	49.119	ug/l	99
89) n-Butylbenzene	13.696	91	745469	48.331	ug/l	96
90) Hexachloroethane	13.958	117	159184	49.934	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	392197	49.933	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	43741	51.143	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	256286	50.991	ug/l	98
94) Hexachlorobutadiene	15.111	225	134478	49.342	ug/l	97
95) Naphthalene	15.233	128	635533	53.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	232038	51.004	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY014999.D
Acq On : 09 Aug 2023 11:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Aug 10 01:42:16 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

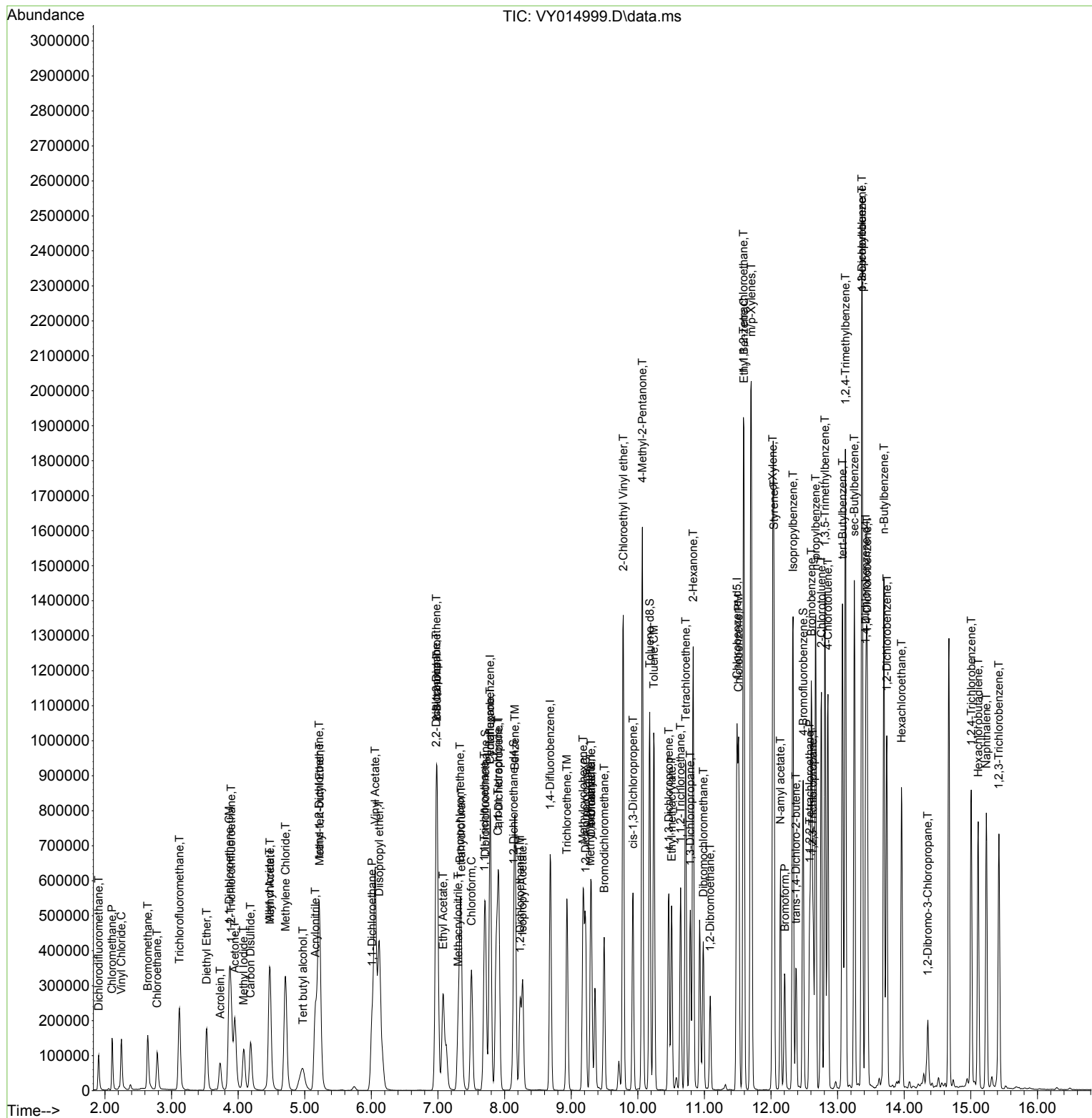
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

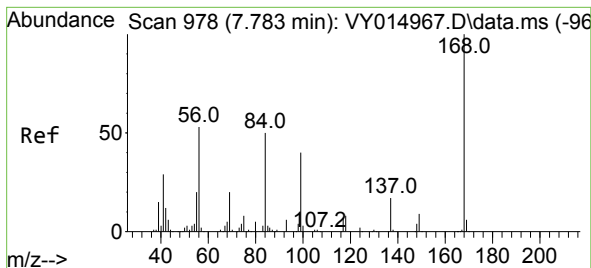
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY014999.D
 Acq On : 09 Aug 2023 11:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 01:42:16 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

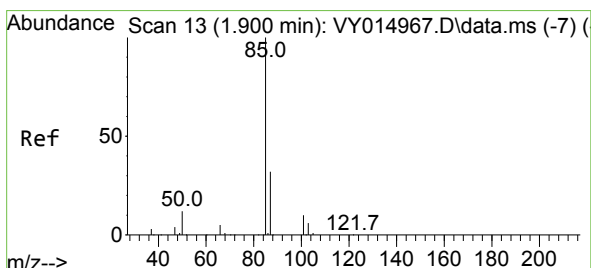
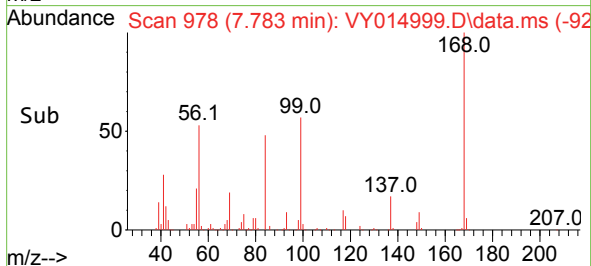
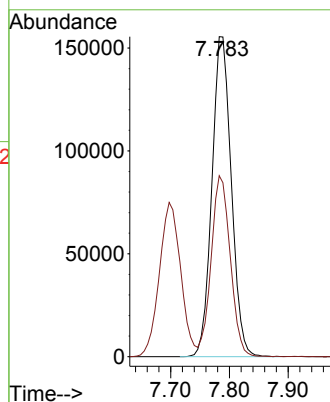
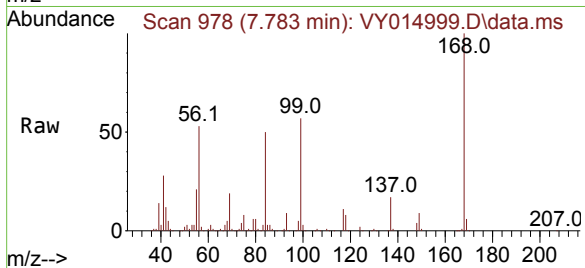




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

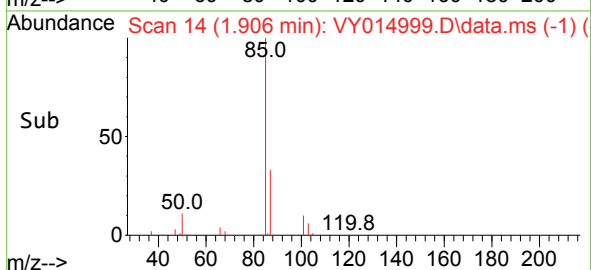
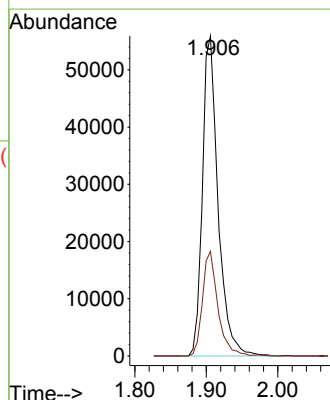
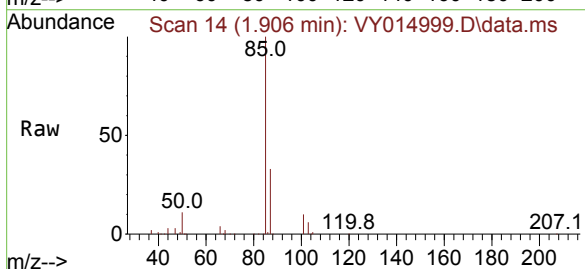
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

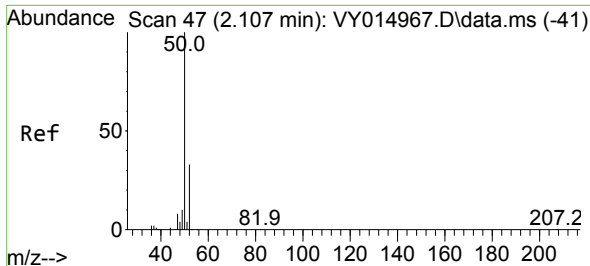
Tgt Ion:168 Resp: 356367
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.539 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 85 Resp: 85124
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

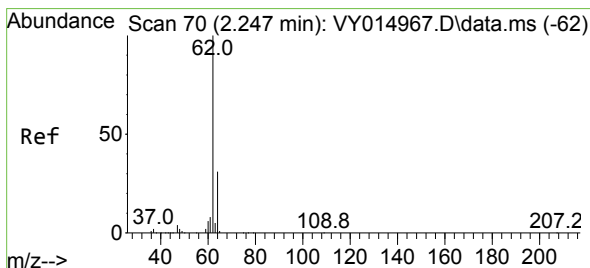
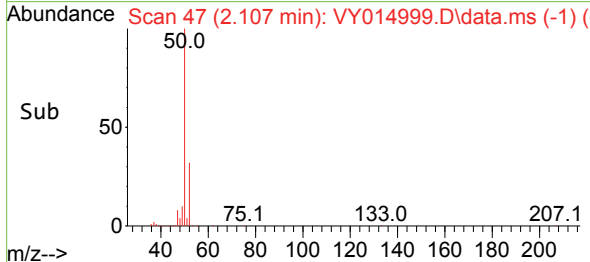
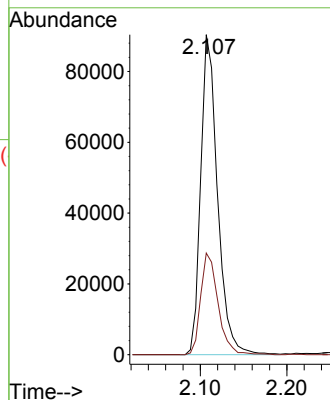
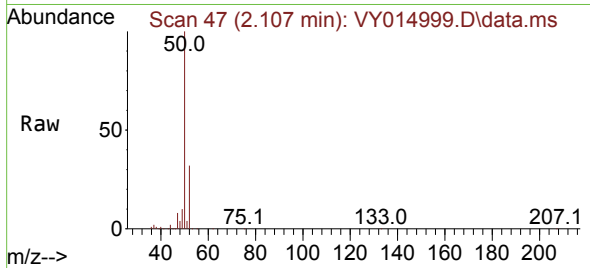




#3
Chloromethane
Concen: 43.544 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

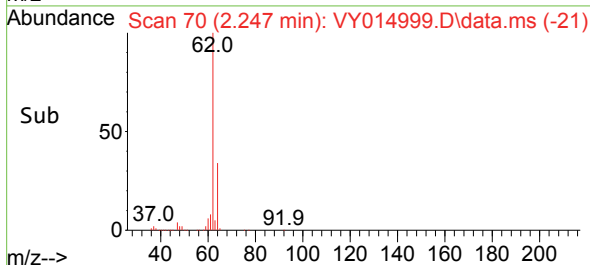
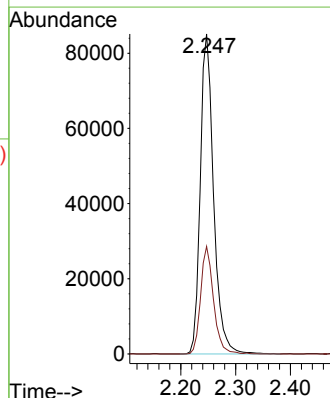
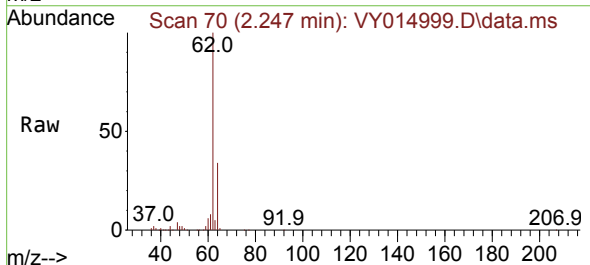
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

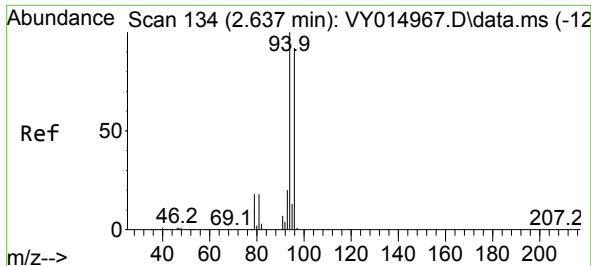
Tgt Ion: 50 Resp: 122122
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 41.539 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 62 Resp: 143553
Ion Ratio Lower Upper
62 100
64 33.6 24.3 36.5

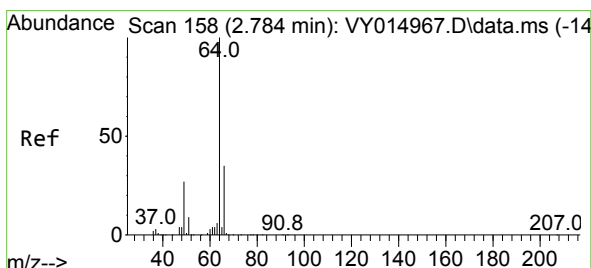
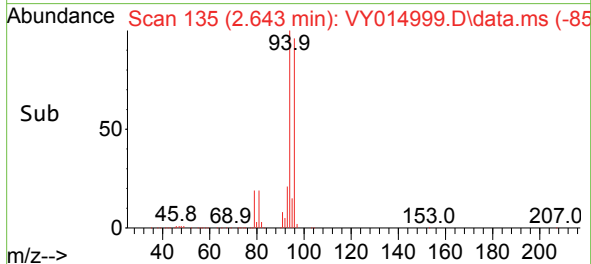
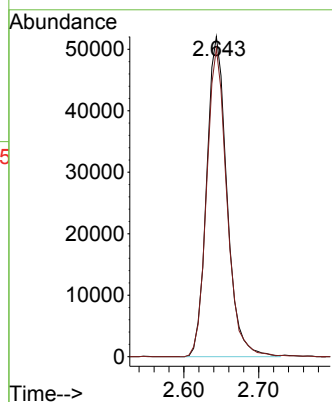
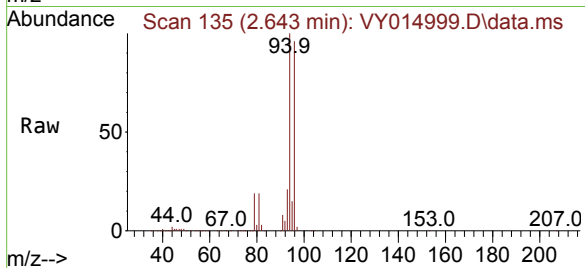




#5
Bromomethane
Concen: 43.859 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

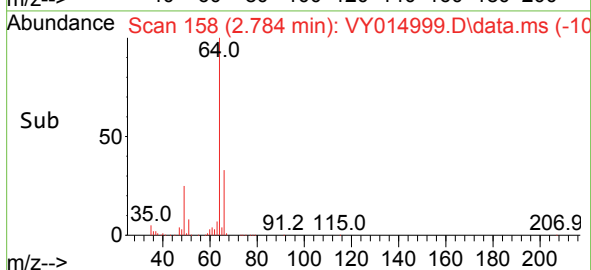
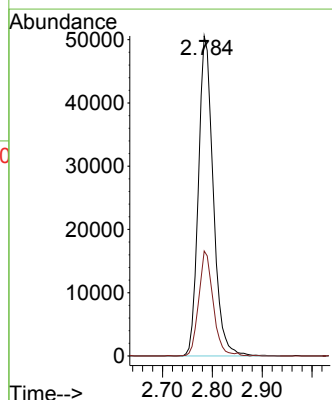
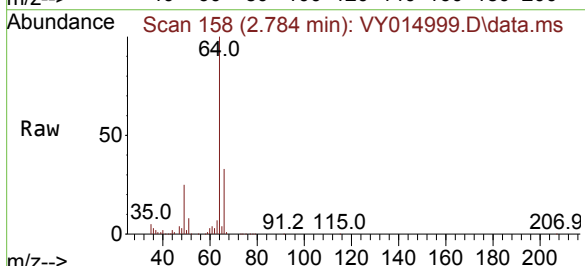
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

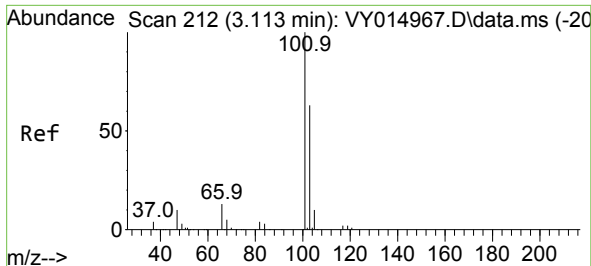
Tgt Ion: 94 Resp: 98200
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.6



#6
Chloroethane
Concen: 43.714 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 64 Resp: 104305
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

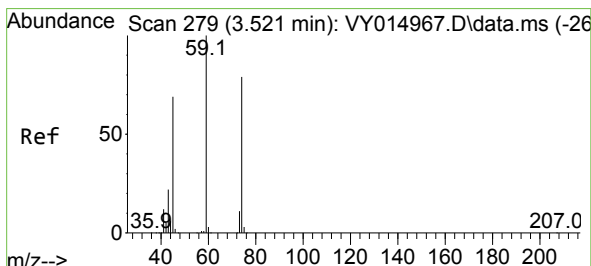
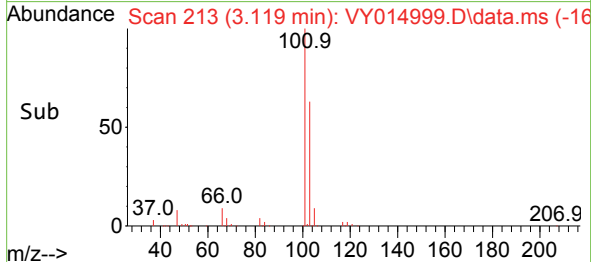
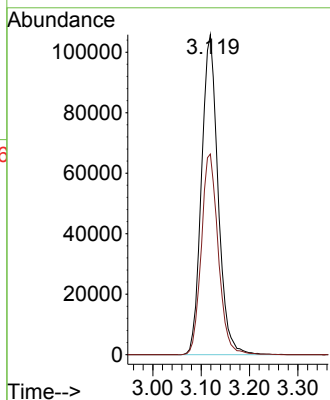
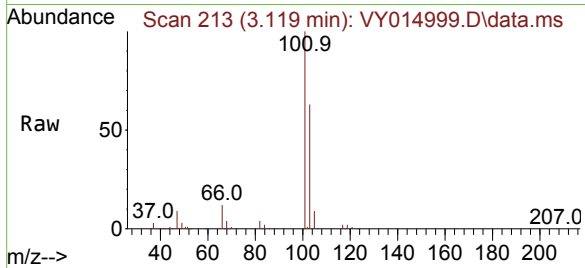




#7
 Trichlorofluoromethane
 Concen: 46.031 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

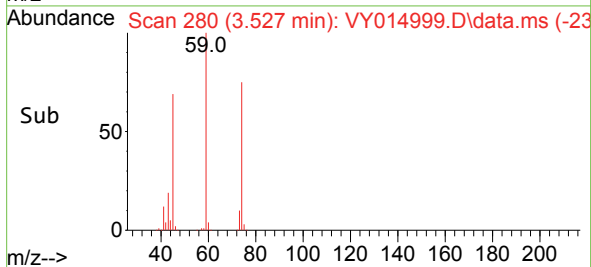
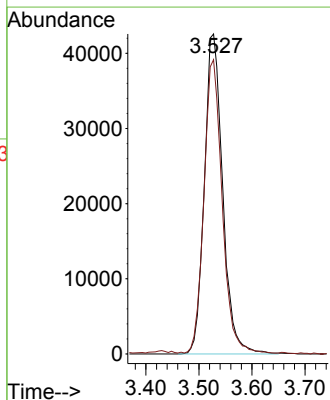
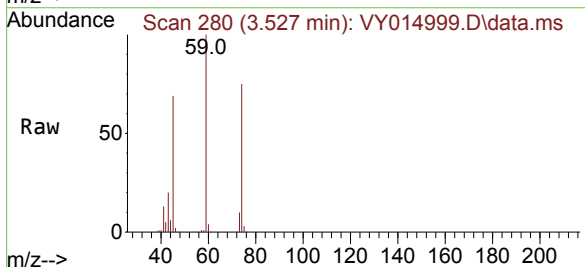
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

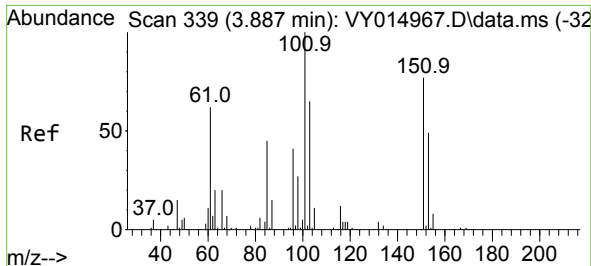
Tgt Ion:101 Resp: 251382
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.675 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

Tgt Ion: 74 Resp: 102120
 Ion Ratio Lower Upper
 74 100
 45 91.3 51.5 154.5

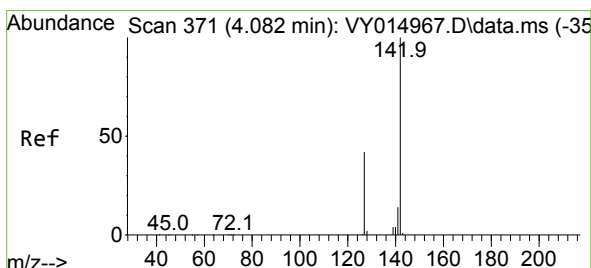
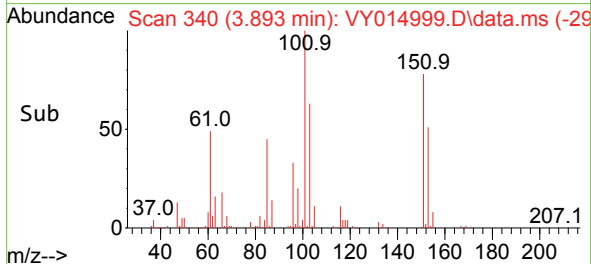
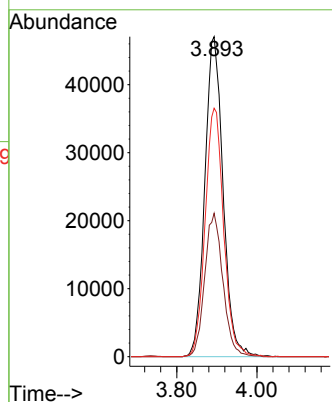
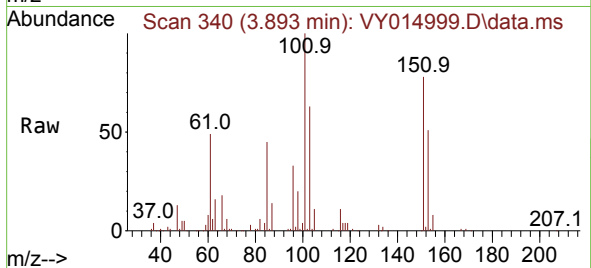




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.949 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

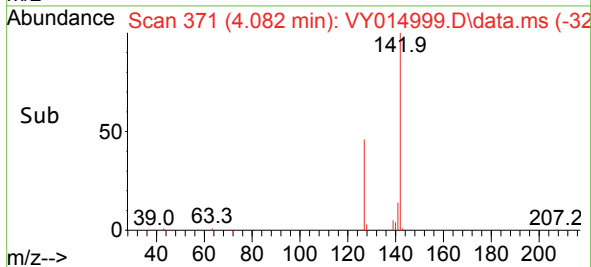
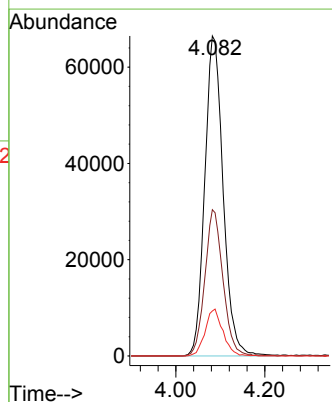
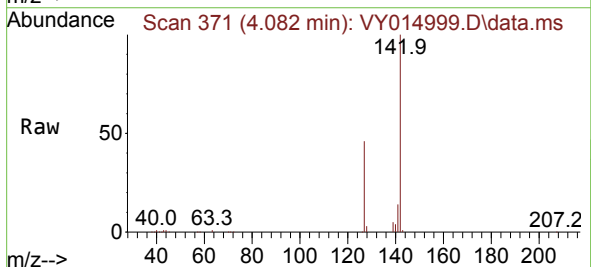
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

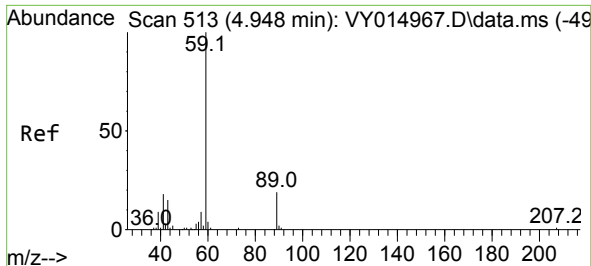
Tgt Ion:101 Resp: 148546
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 57.285 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion:142 Resp: 191469
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.2 11.8 17.8

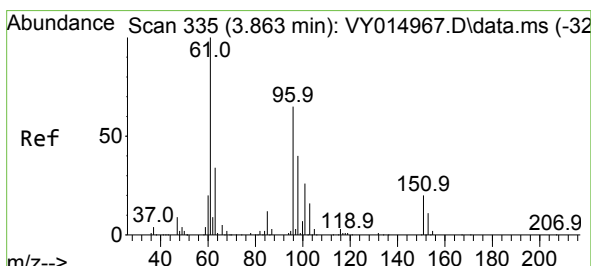
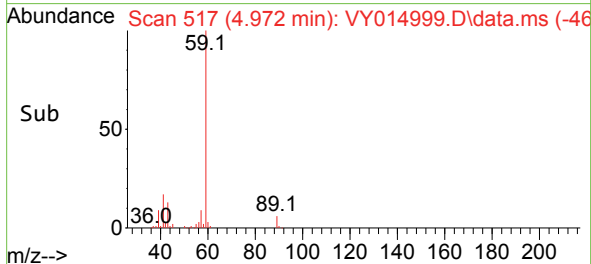
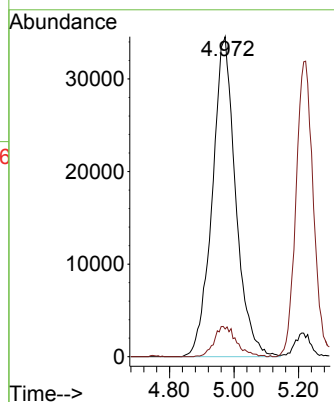
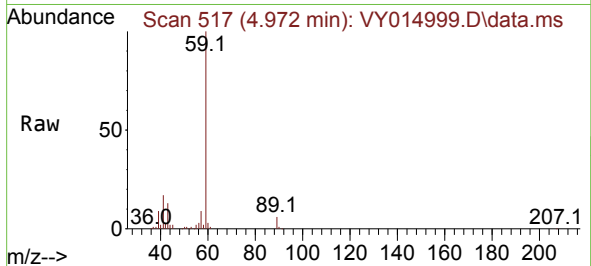




#11
Tert butyl alcohol
Concen: 167.119 ug/l
RT: 4.972 min Scan# 513
Delta R.T. 0.024 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

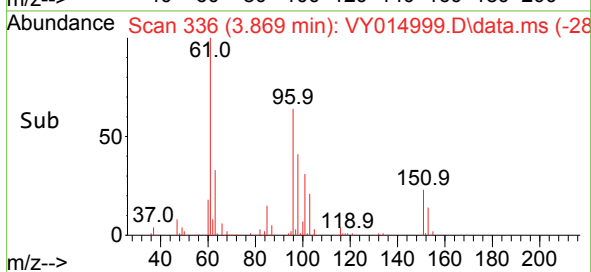
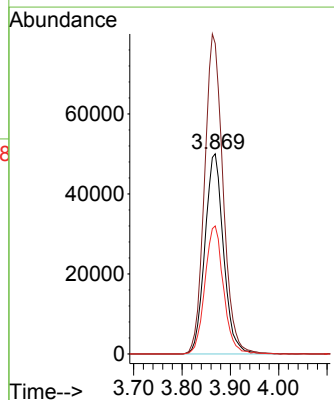
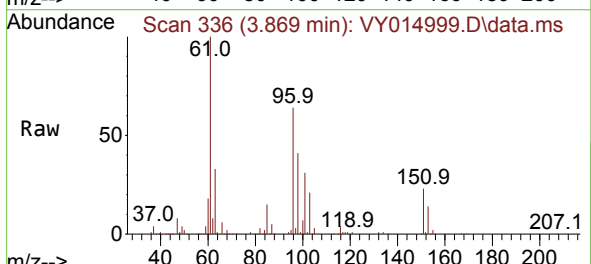
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

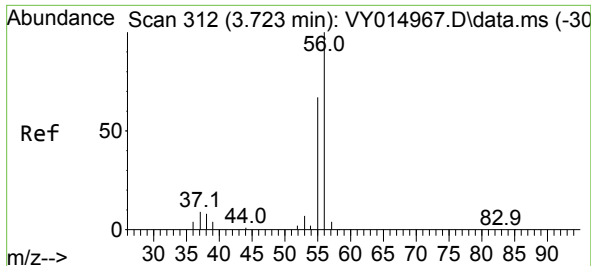
Tgt Ion: 59 Resp: 174209
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.456 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 96 Resp: 133674
Ion Ratio Lower Upper
96 100
61 155.1 136.4 204.6
98 63.9 49.4 74.2

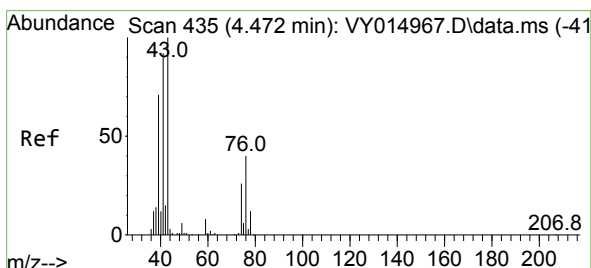
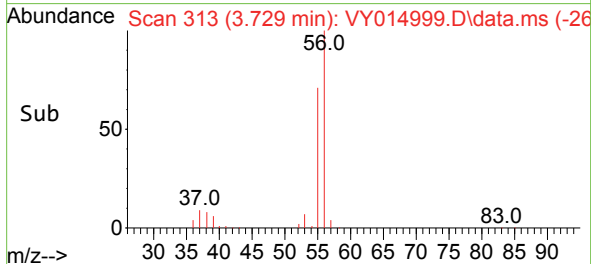
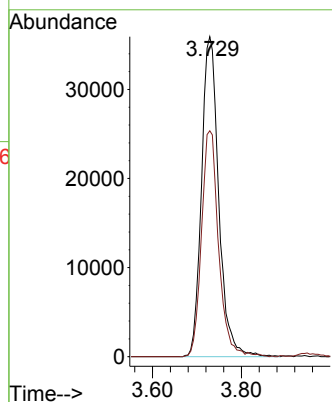
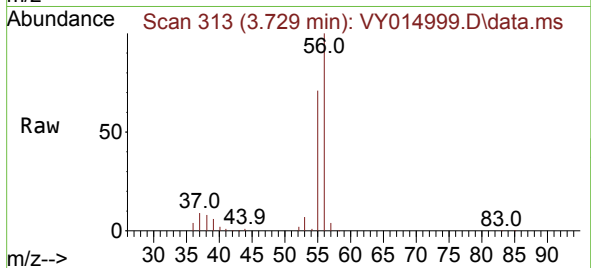




#13
Acrolein
Concen: 272.946 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

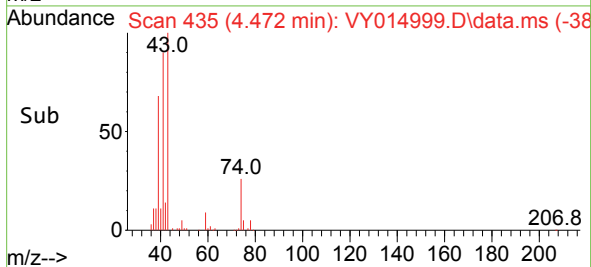
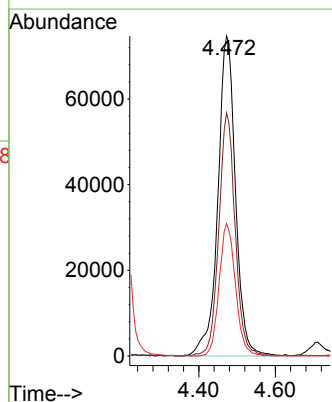
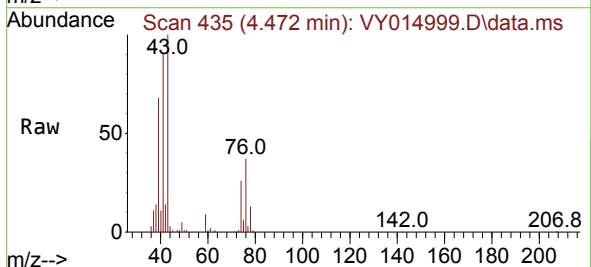
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

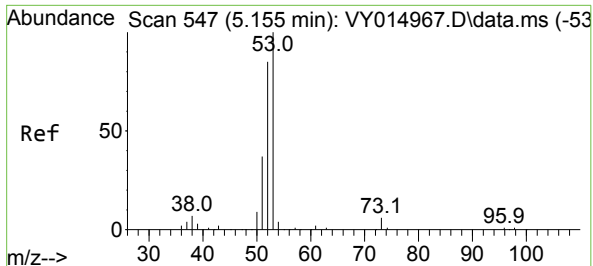
Tgt Ion: 56 Resp: 96792
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4



#14
Allyl chloride
Concen: 51.191 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 41 Resp: 240123
Ion Ratio Lower Upper
41 100
39 70.3 58.0 87.0
76 38.1 27.4 41.2

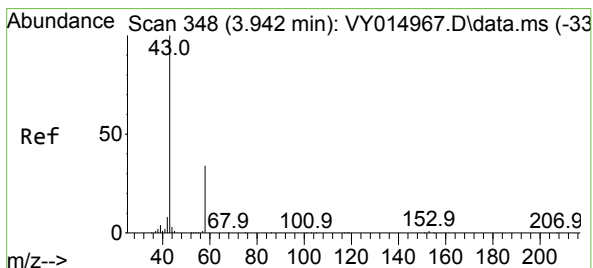
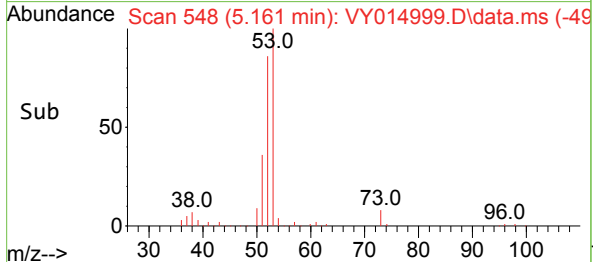
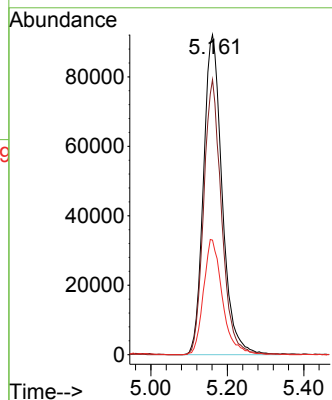
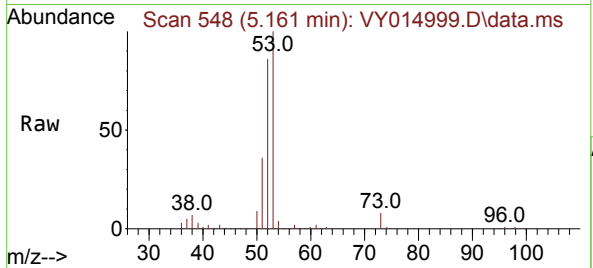




#15
Acrylonitrile
Concen: 253.418 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

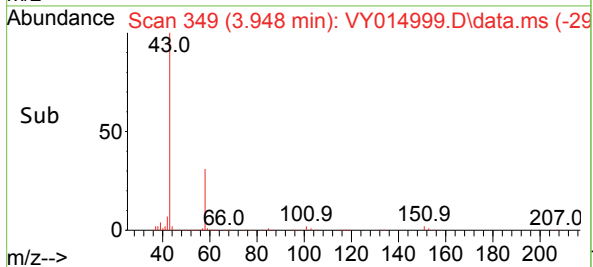
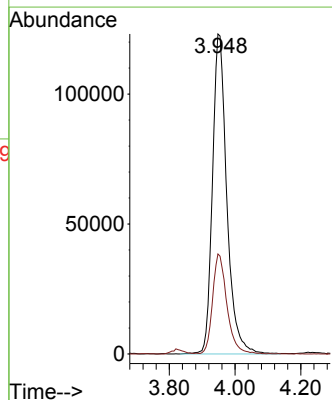
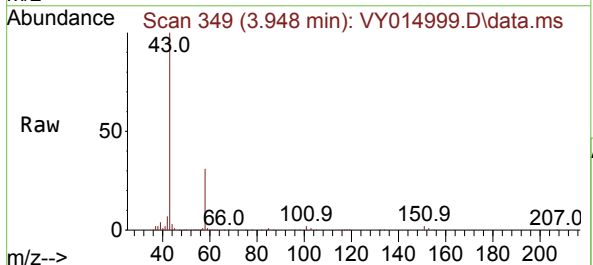
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

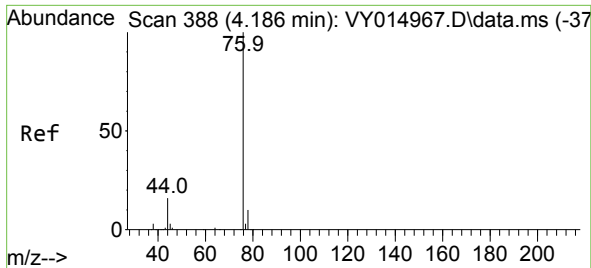
Tgt Ion: 53 Resp: 311992
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 277.530 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 43 Resp: 373800
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

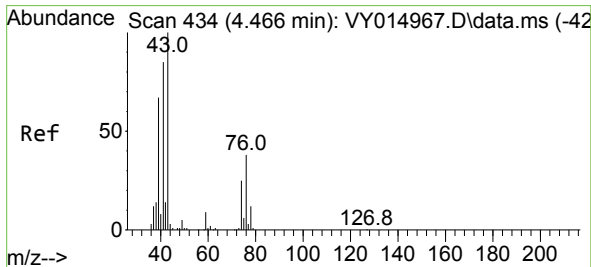
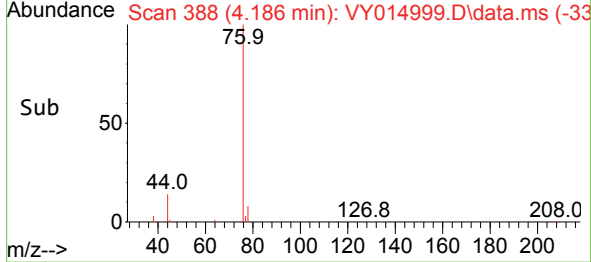
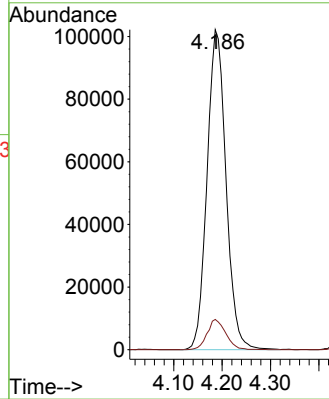
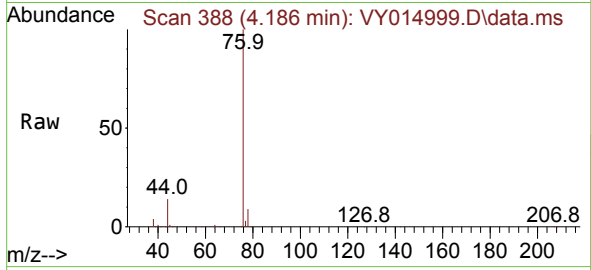




#17
Carbon Disulfide
Concen: 44.738 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

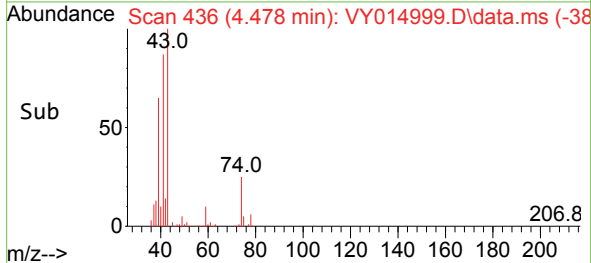
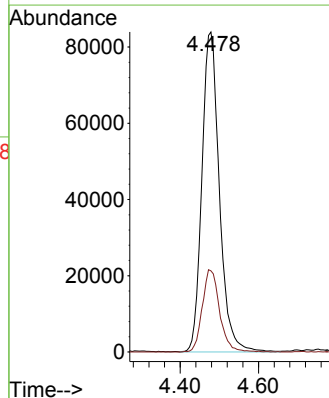
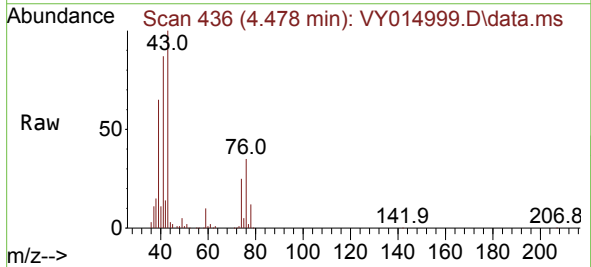
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

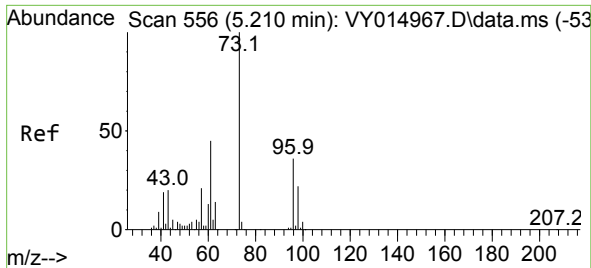
Tgt Ion: 76 Resp: 278623
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 53.046 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 43 Resp: 260187
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0

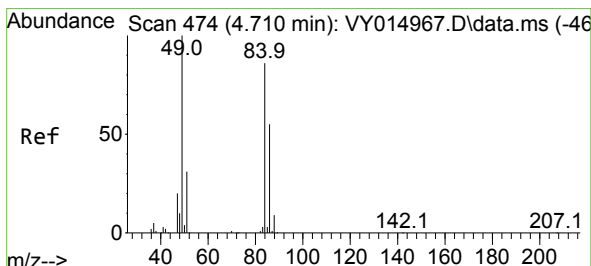
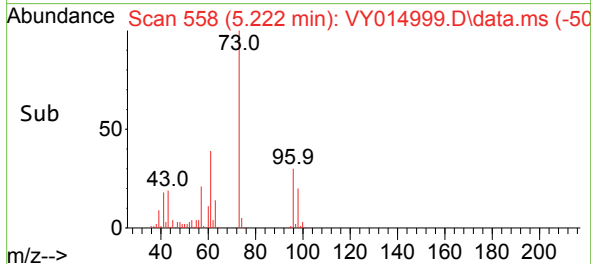
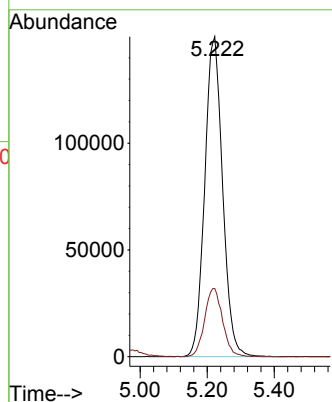
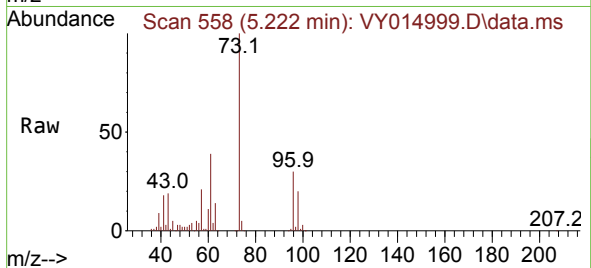




#19
Methyl tert-butyl Ether
Concen: 51.903 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

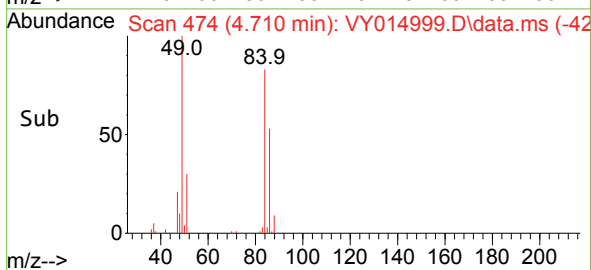
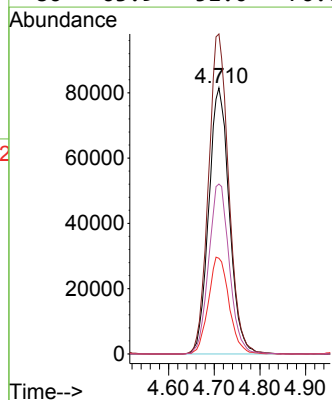
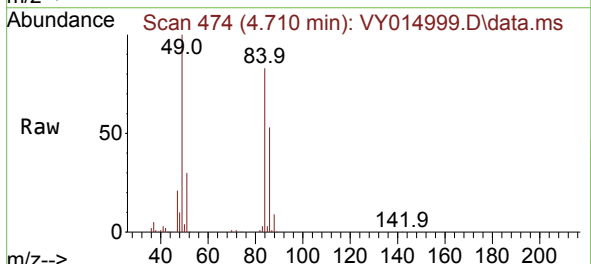
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

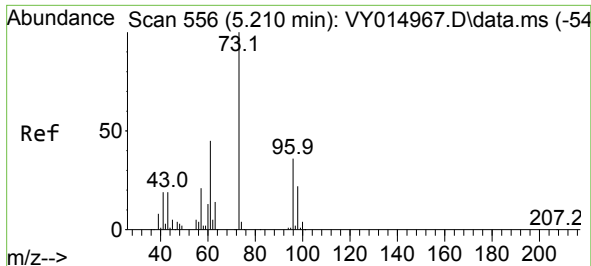
Tgt Ion: 73 Resp: 553126
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 50.474 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 84 Resp: 255014
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 36.0 33.2 49.8
86 63.9 51.0 76.6

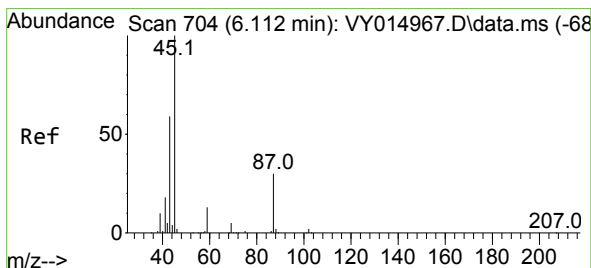
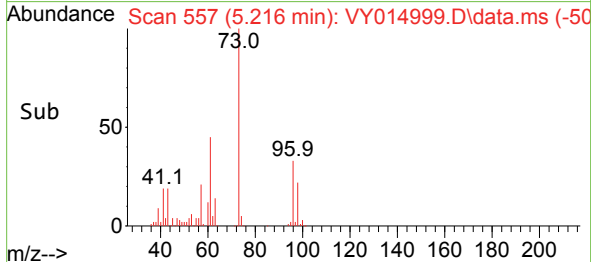
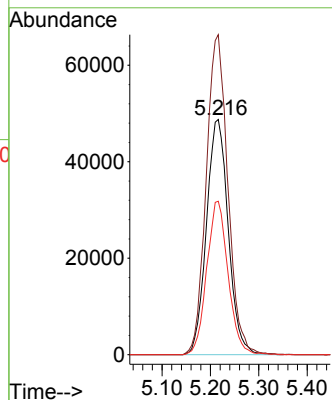
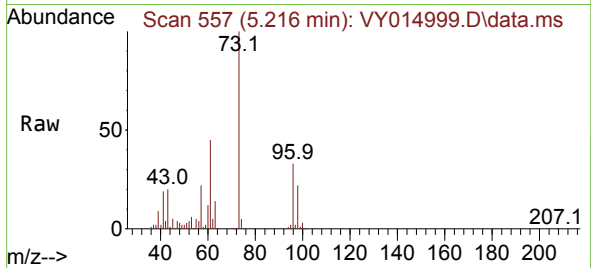




#21
trans-1,2-Dichloroethene
Concen: 47.634 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

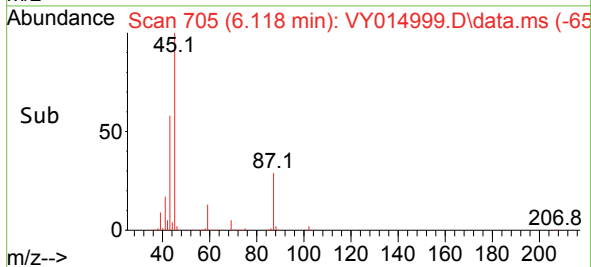
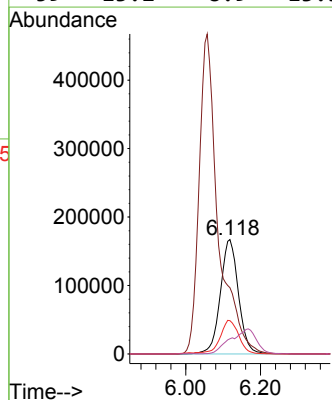
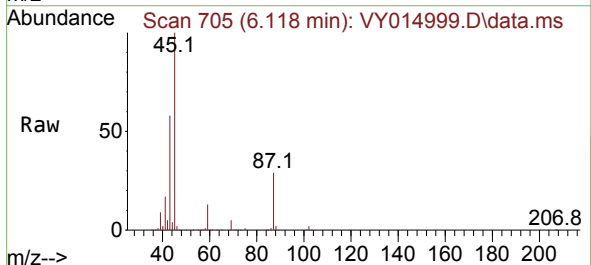
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

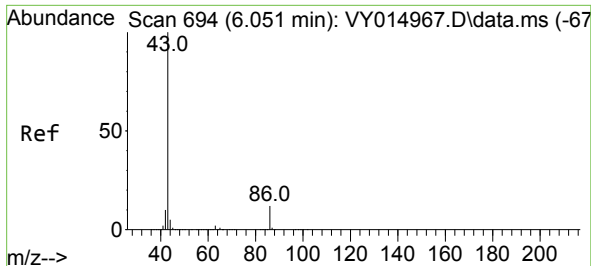
Tgt Ion: 96 Resp: 152941
Ion Ratio Lower Upper
96 100
61 136.0 110.2 165.4
98 65.2 51.8 77.6



#22
Diisopropyl ether
Concen: 51.487 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 45 Resp: 562545
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.1 21.0 31.6
59 13.2 8.9 13.3

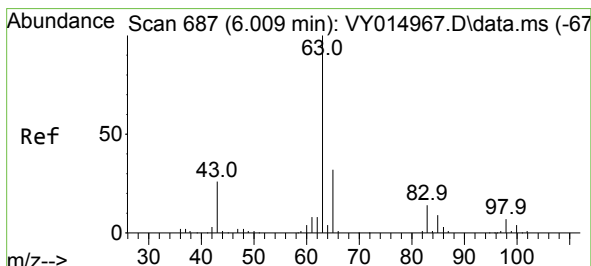
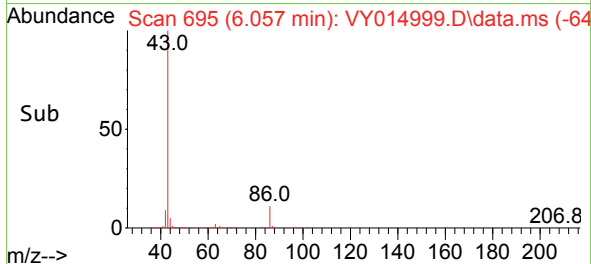
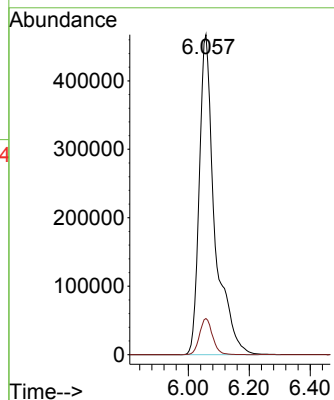
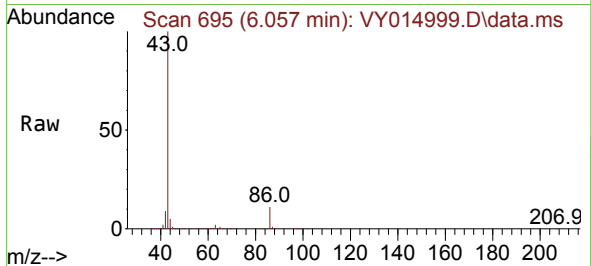




#23
 Vinyl Acetate
 Concen: 251.697 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

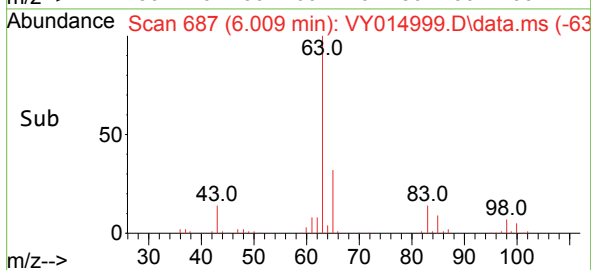
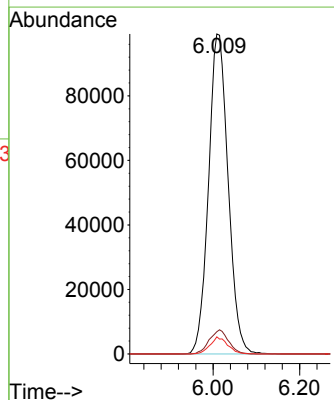
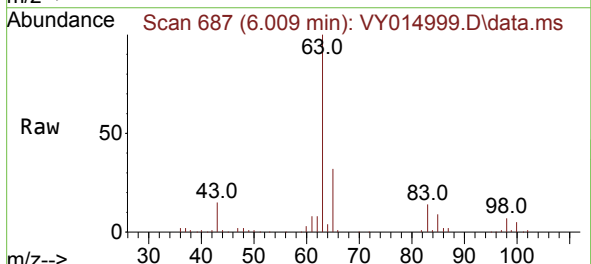
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

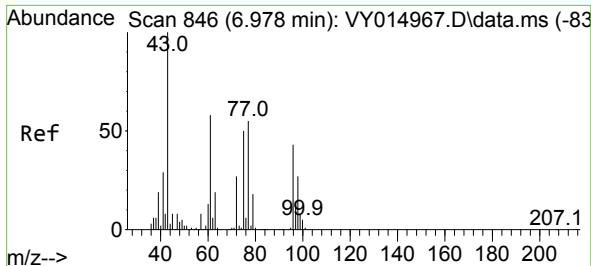
Tgt Ion: 43 Resp: 1653129
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.264 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

Tgt Ion: 63 Resp: 311501
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 5.4 1.8 5.5

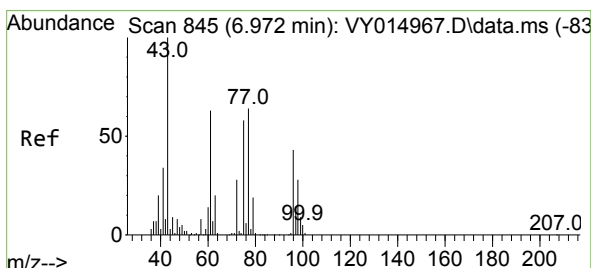
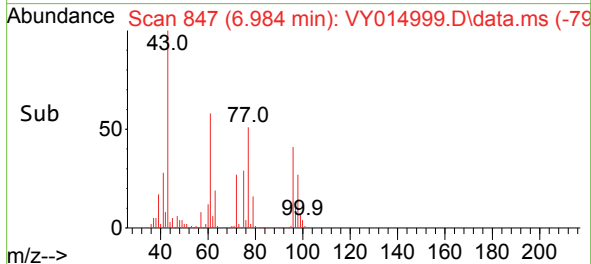
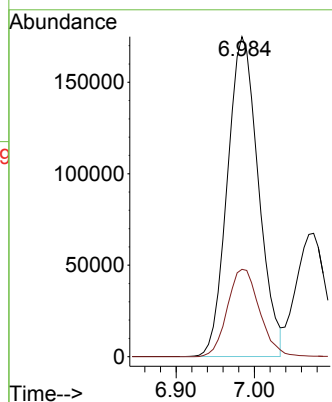
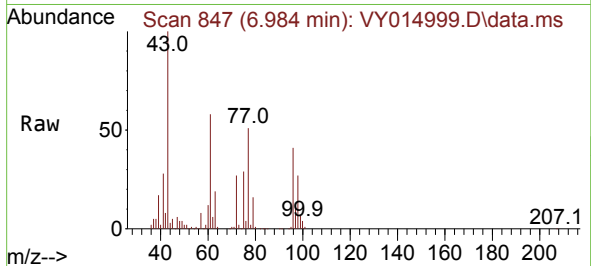




#25
2-Butanone
Concen: 249.695 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

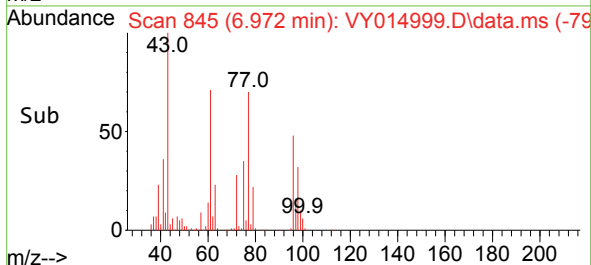
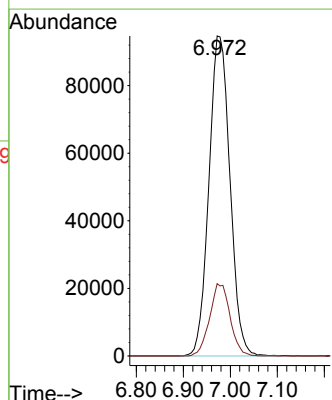
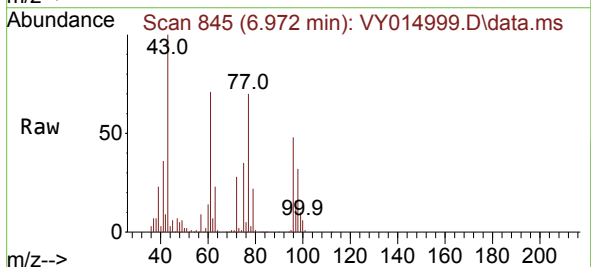
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

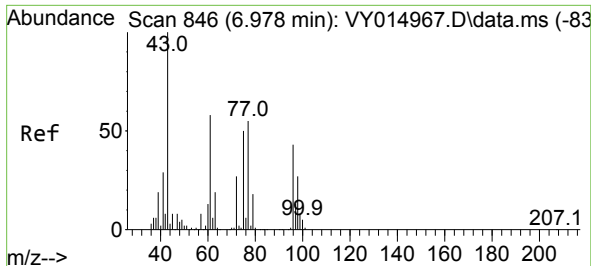
Tgt Ion: 43 Resp: 481697
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.976 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 77 Resp: 294577
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

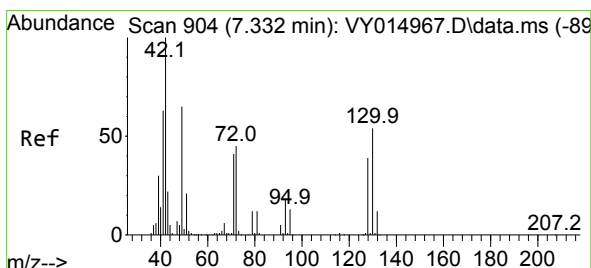
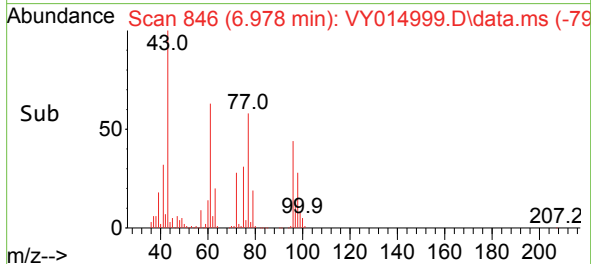
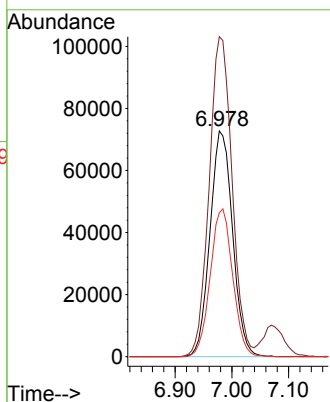
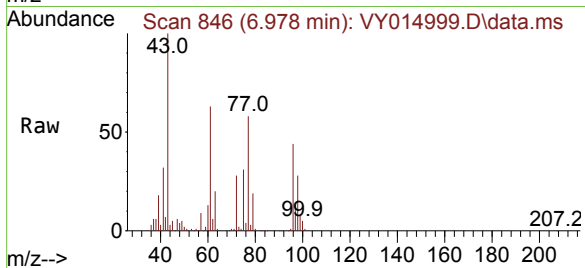




#27
 cis-1,2-Dichloroethene
 Concen: 49.561 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

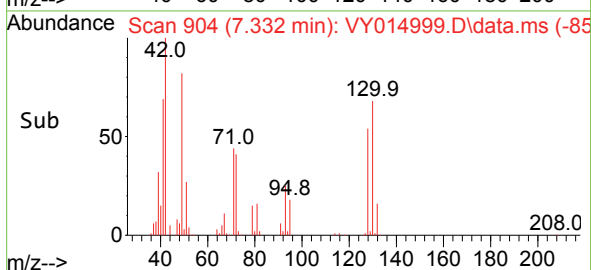
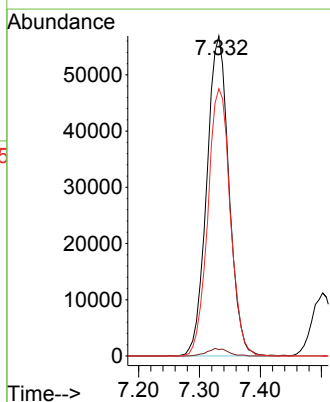
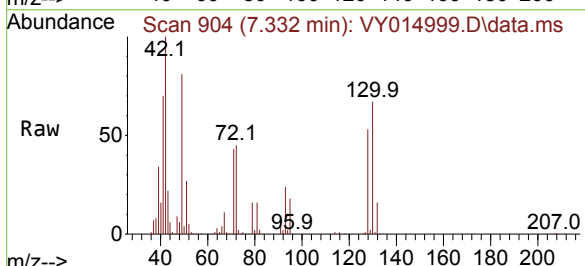
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

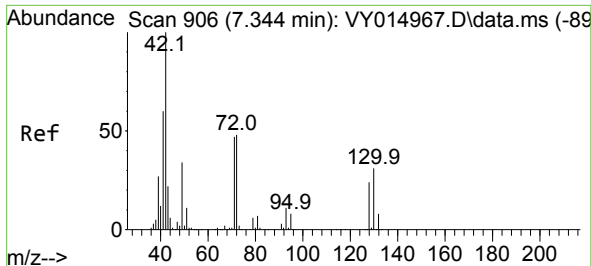
Tgt Ion: 96 Resp: 201378
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 301.4
 98 65.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 51.629 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

Tgt Ion: 49 Resp: 144237
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 84.4 60.7 91.1

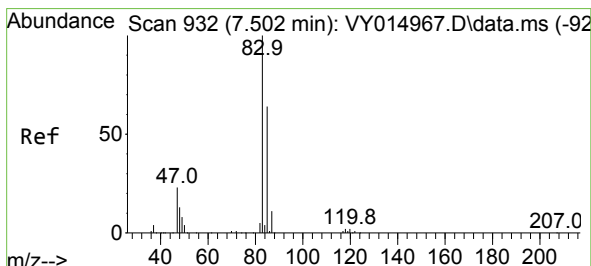
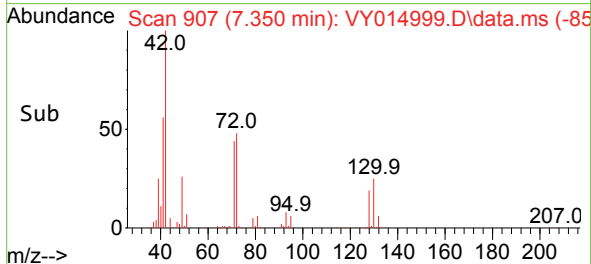
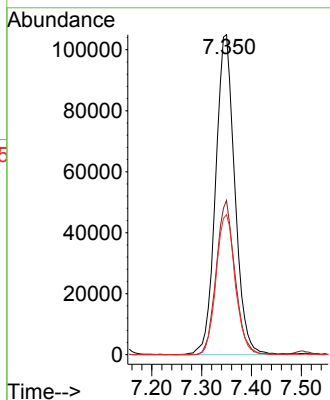
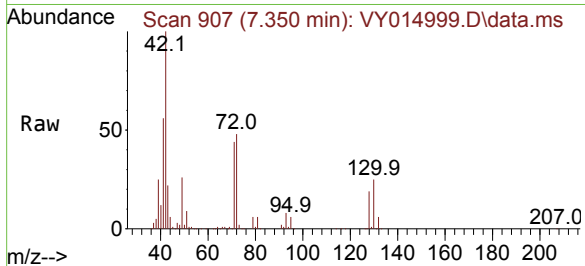




#29
Tetrahydrofuran
Concen: 248.483 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

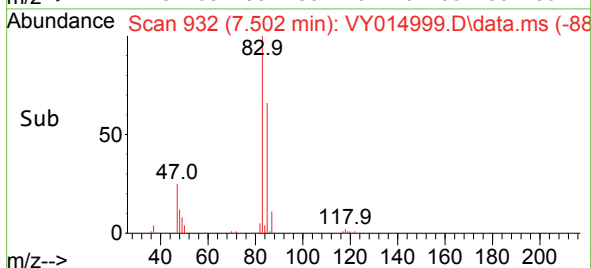
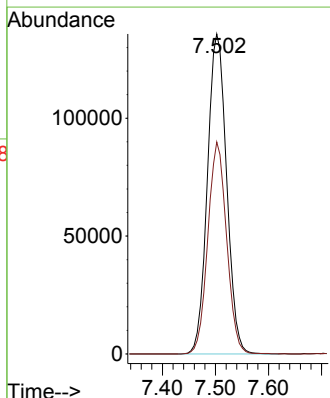
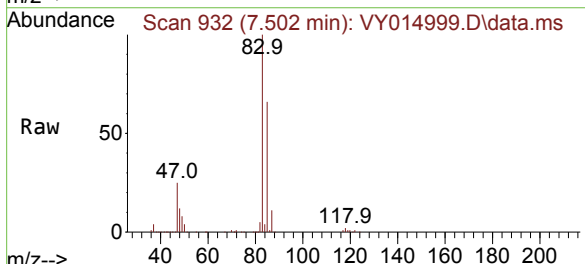
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

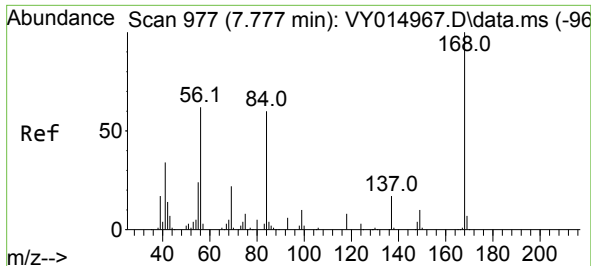
Tgt Ion: 42 Resp: 281105
Ion Ratio Lower Upper
42 100
72 46.9 32.8 49.2
71 43.8 31.0 46.4



#30
Chloroform
Concen: 50.596 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 83 Resp: 340617
Ion Ratio Lower Upper
83 100
85 66.3 49.7 74.5

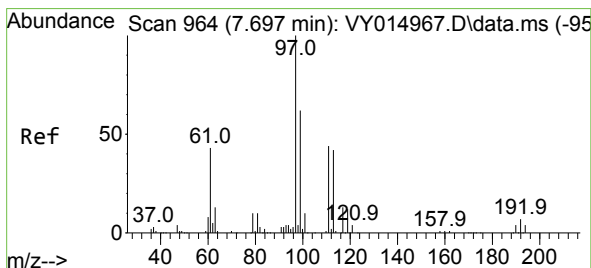
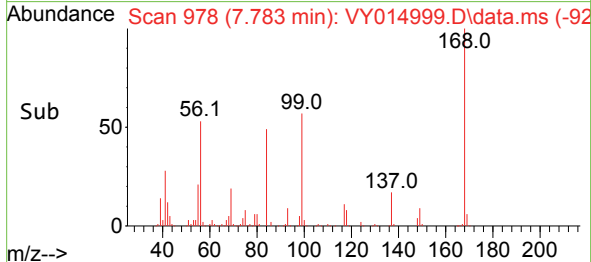
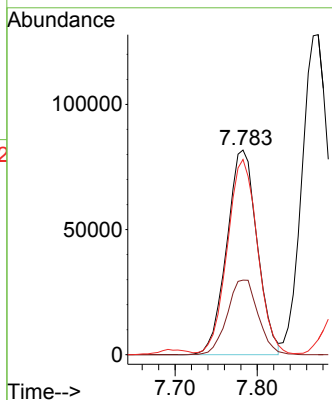
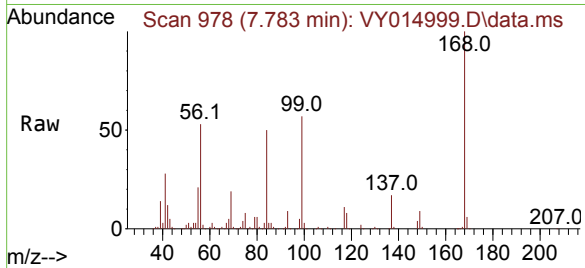




#31
Cyclohexane
Concen: 46.884 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

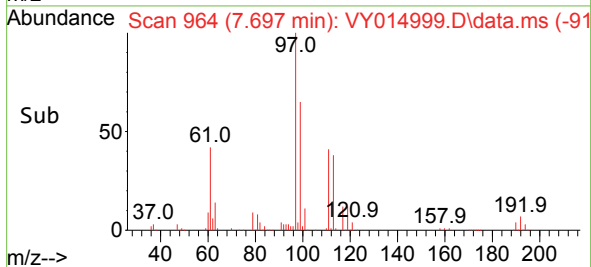
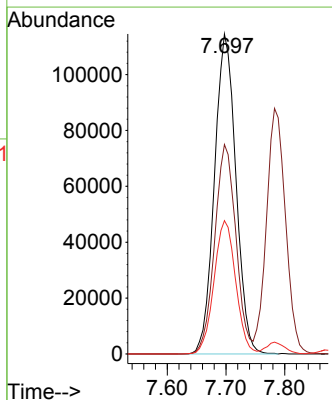
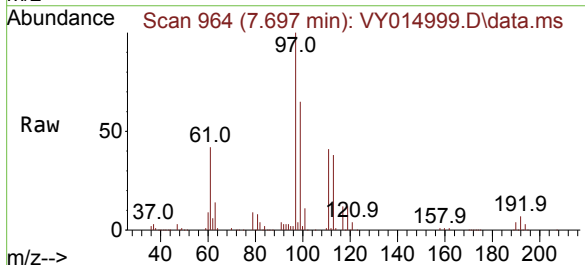
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

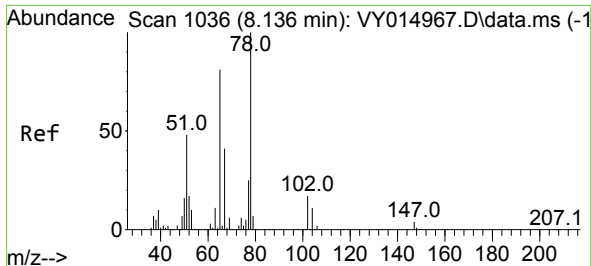
Tgt Ion: 56 Resp: 210460
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 93.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.993 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 97 Resp: 290666
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.964 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

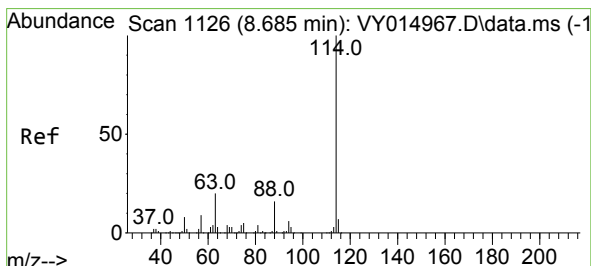
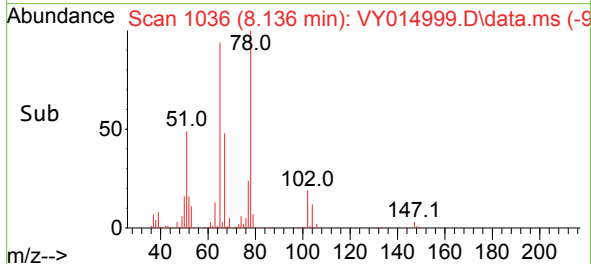
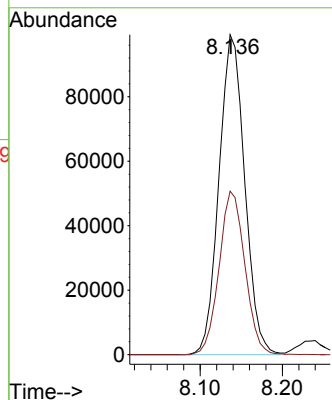
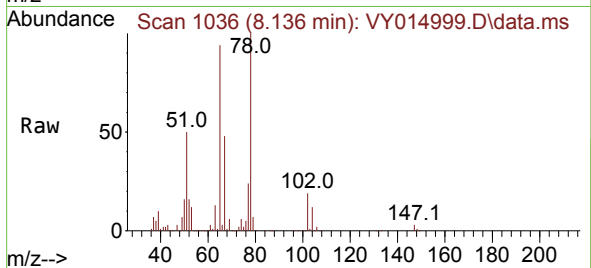
VSTDCCC050

Tgt Ion: 65 Resp: 215810

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

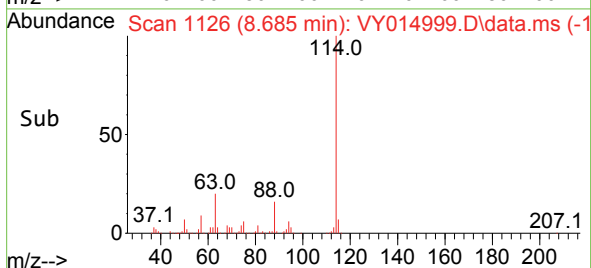
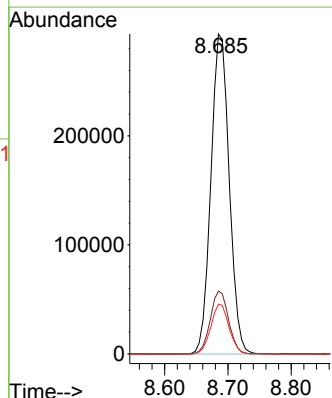
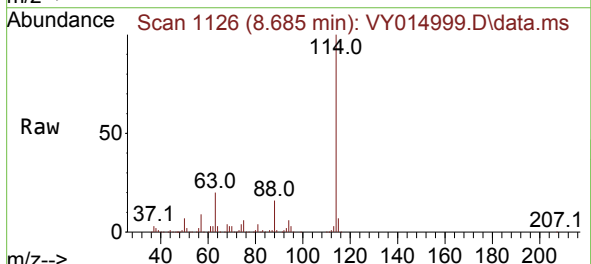
Tgt Ion: 114 Resp: 590909

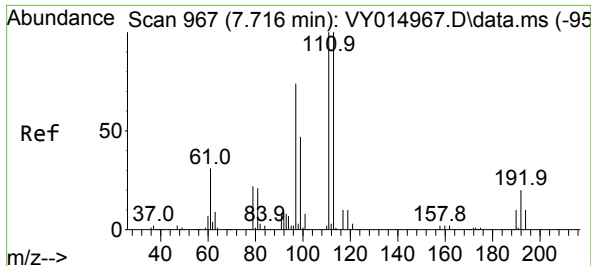
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.5 0.0 30.6

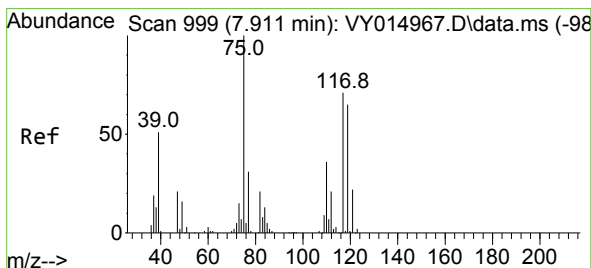
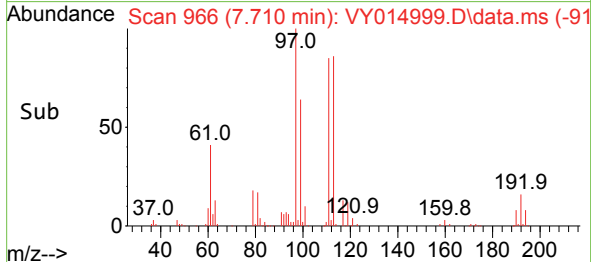
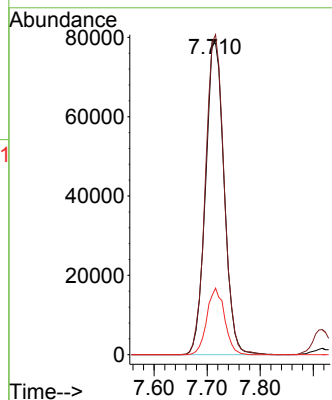
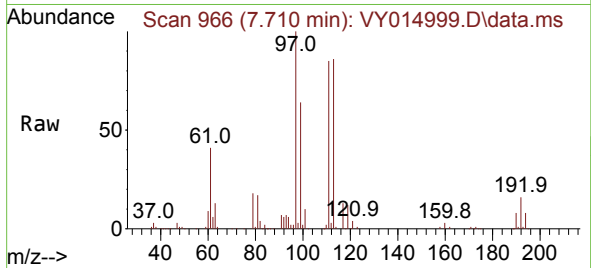




#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

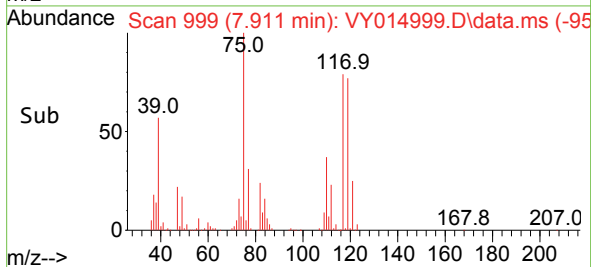
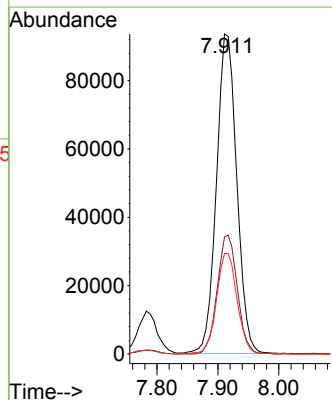
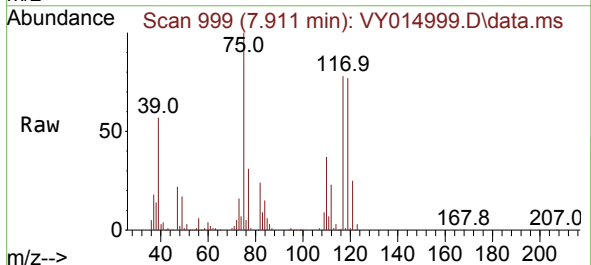
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

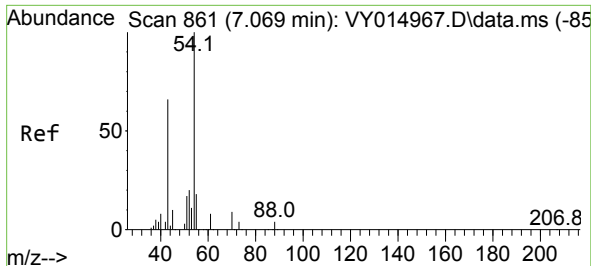
Tgt Ion:113 Resp: 192374
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.169 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 75 Resp: 216598
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 32.0 24.4 36.6

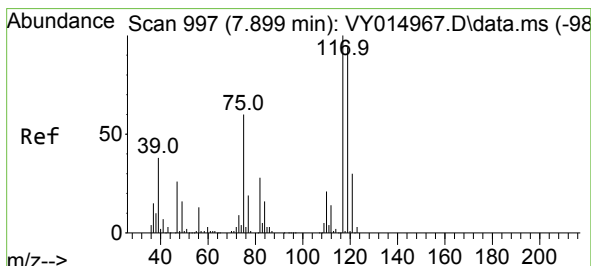
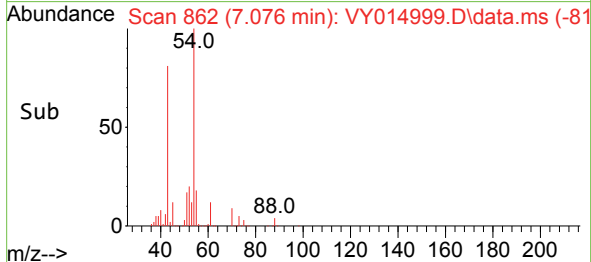
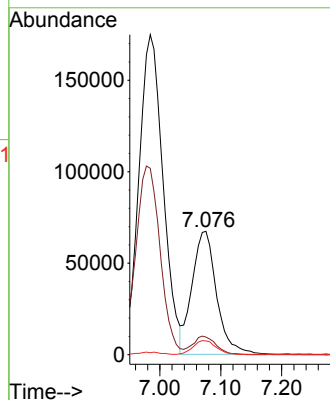
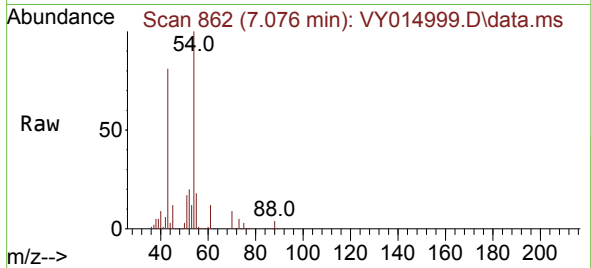




#37
Ethyl Acetate
Concen: 50.628 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

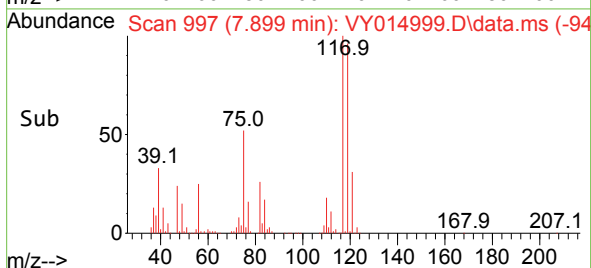
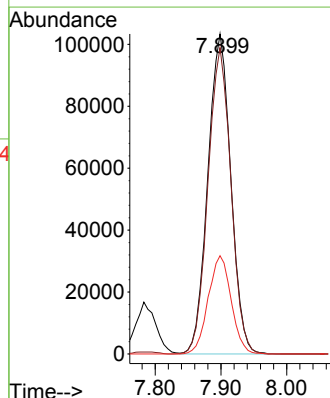
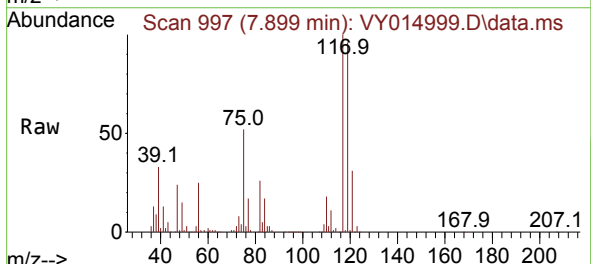
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

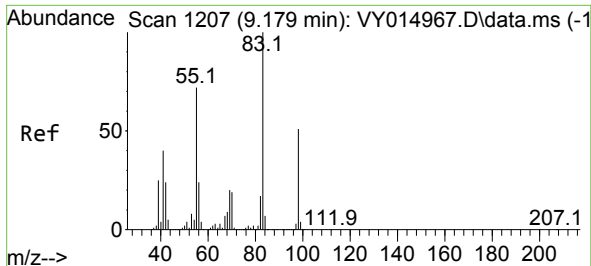
Tgt Ion: 43 Resp: 188529
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 47.720 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 117 Resp: 251677
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 30.7 25.8 38.6

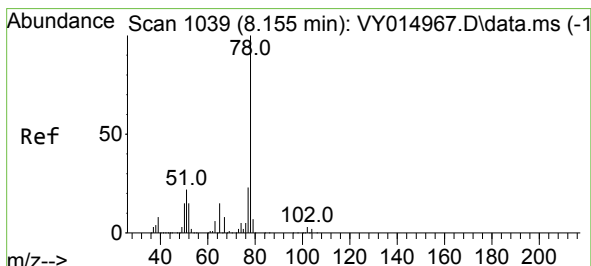
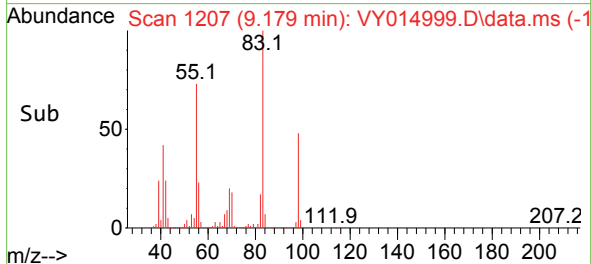
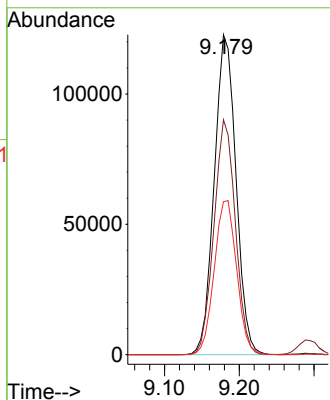
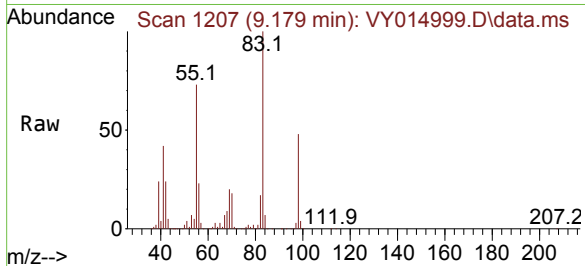




#39
Methylcyclohexane
Concen: 44.571 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

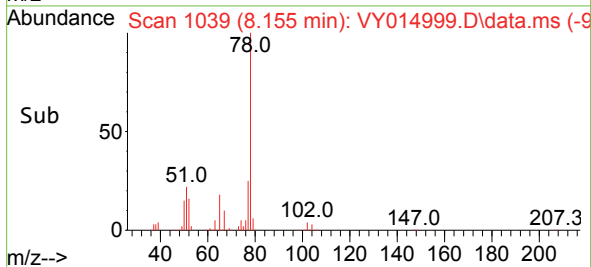
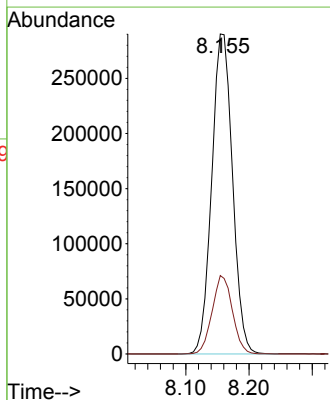
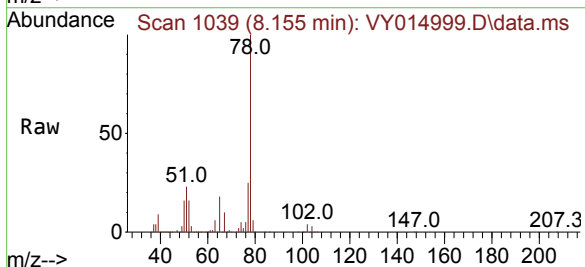
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

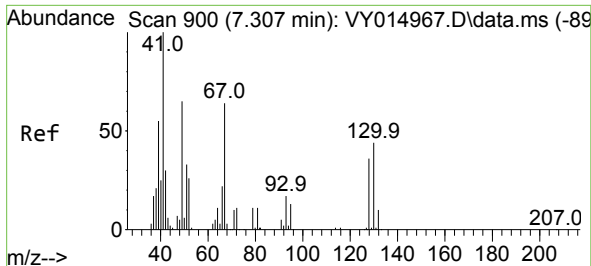
Tgt Ion: 83 Resp: 248665
Ion Ratio Lower Upper
83 100
55 73.4 63.0 94.4
98 47.8 37.4 56.2



#40
Benzene
Concen: 47.838 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 78 Resp: 660844
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6

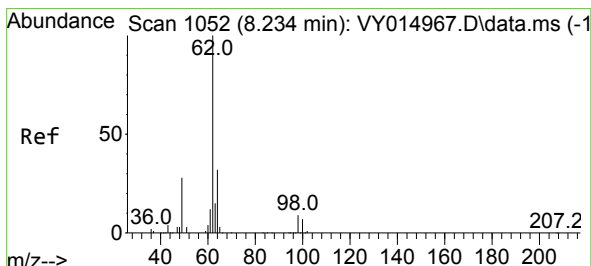
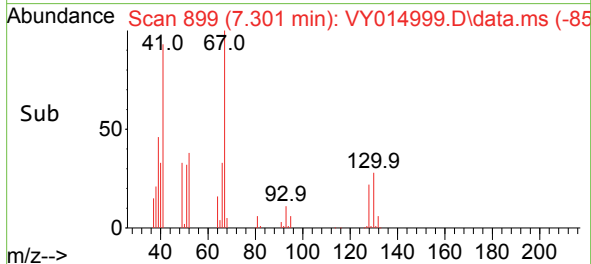
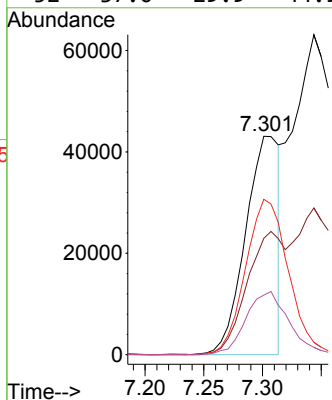
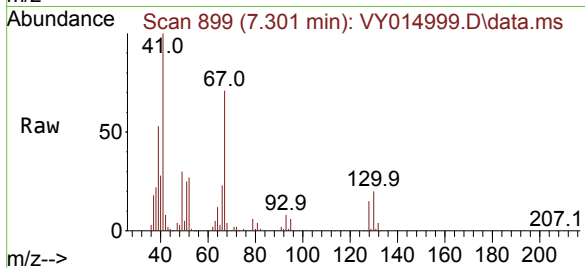




#41
Methacrylonitrile
Concen: 47.595 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

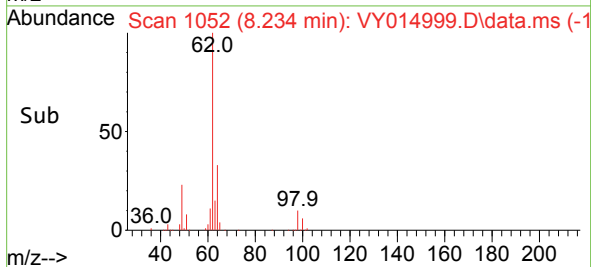
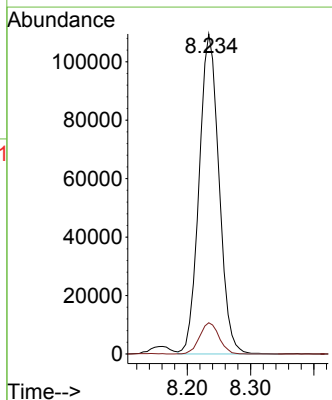
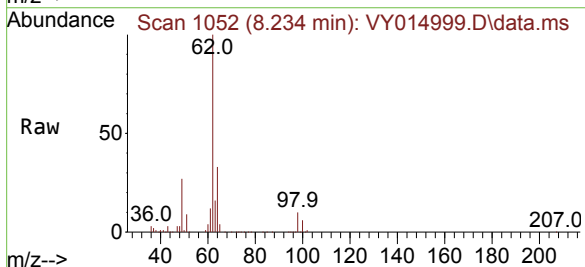
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

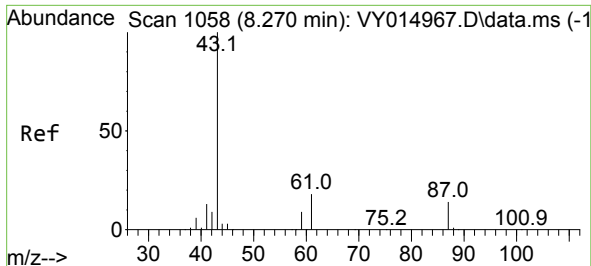
Tgt Ion:	41	Resp:	86132
Ion	Ratio	Lower	Upper
41	100		
39	63.2	52.1	78.1
67	90.5	66.2	99.2
52	37.0	29.9	44.9



#42
1,2-Dichloroethane
Concen: 49.873 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion:	62	Resp:	239819
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8

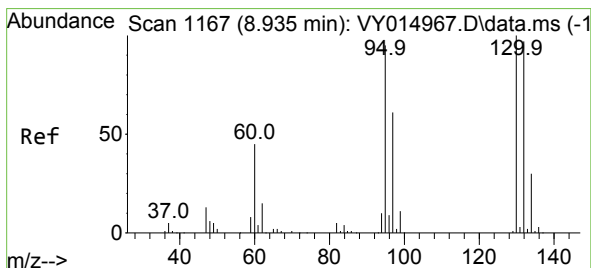
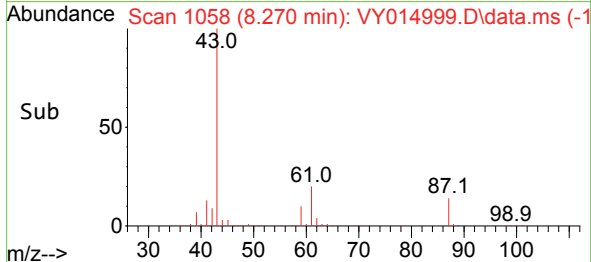
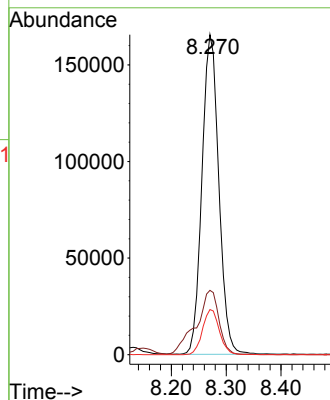
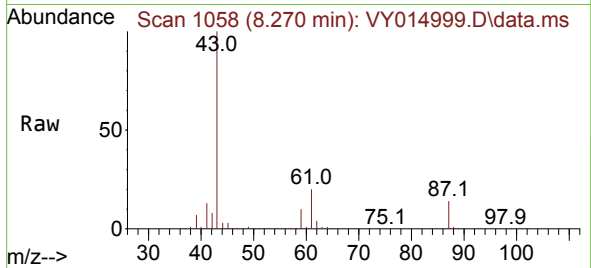




#43
Isopropyl Acetate
Concen: 51.068 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

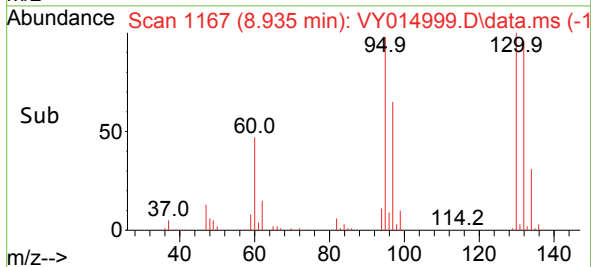
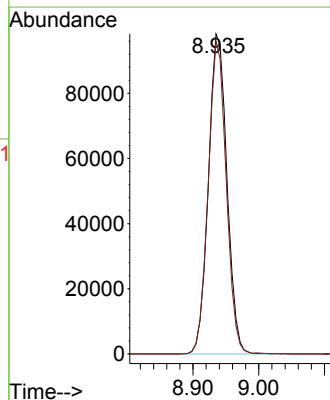
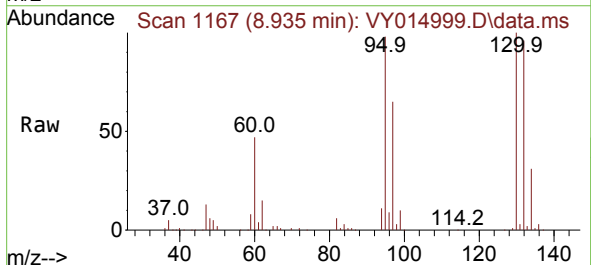
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

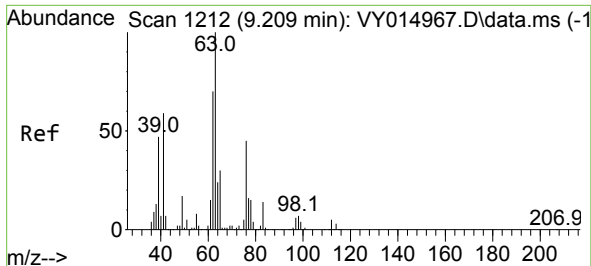
Tgt Ion: 43 Resp: 353318
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 48.579 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion:130 Resp: 192560
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0

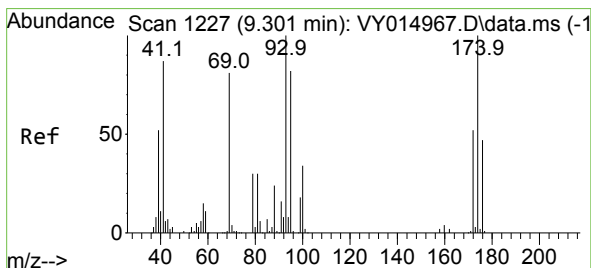
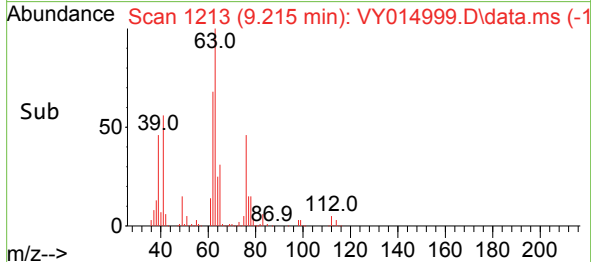
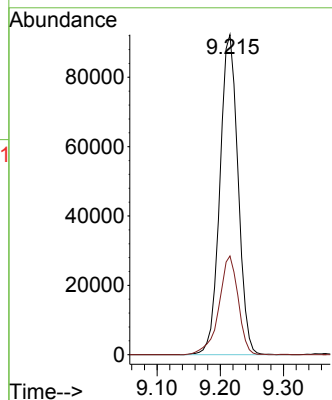
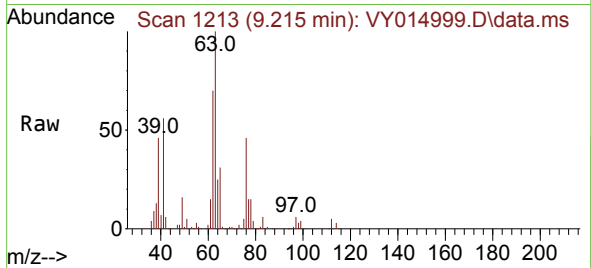




#45
1,2-Dichloropropane
Concen: 49.827 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

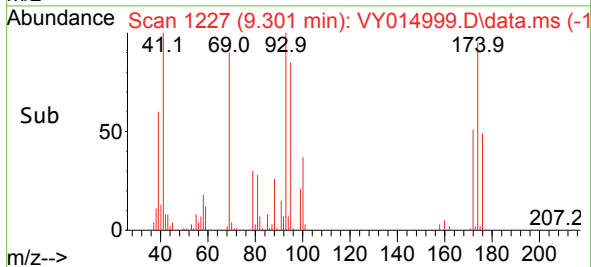
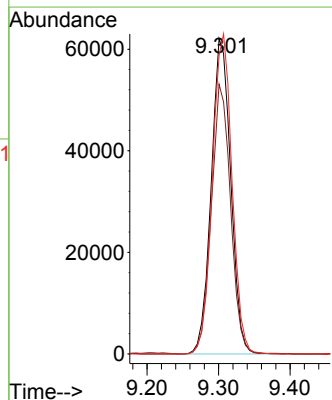
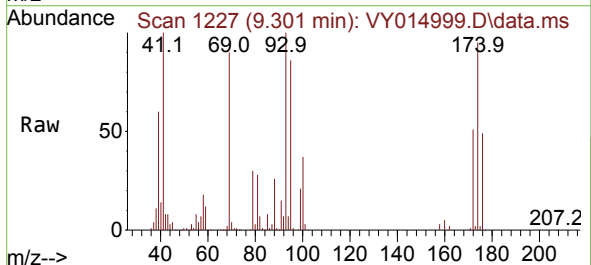
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

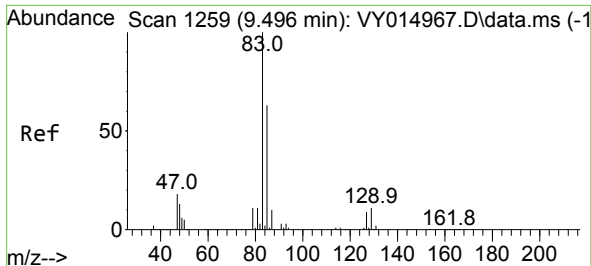
Tgt Ion: 63 Resp: 182934
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.6



#46
Dibromomethane
Concen: 49.755 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 93 Resp: 117675
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 101.8 84.8 127.2

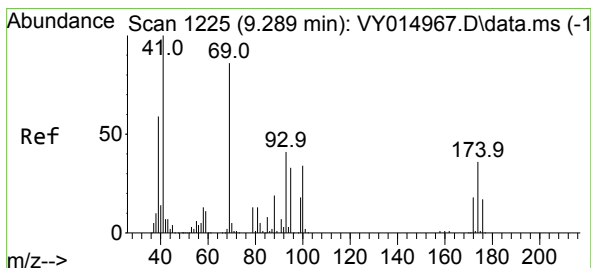
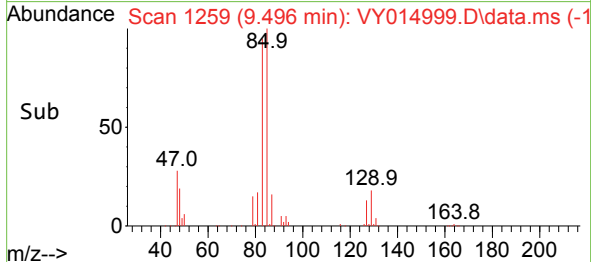
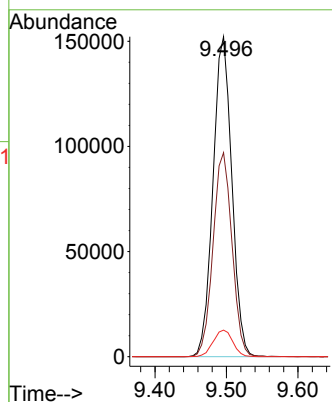
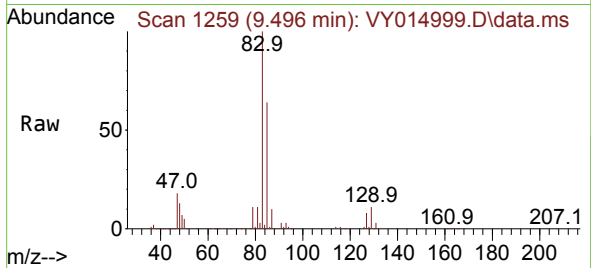




#47
 Bromodichloromethane
 Concen: 51.039 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

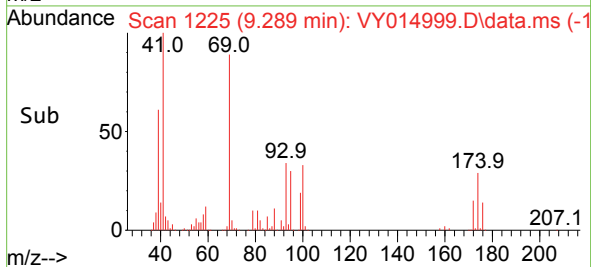
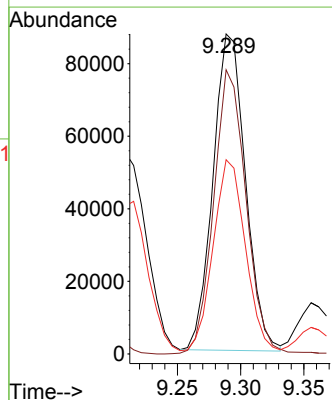
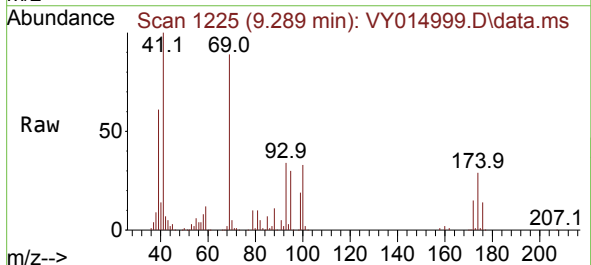
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

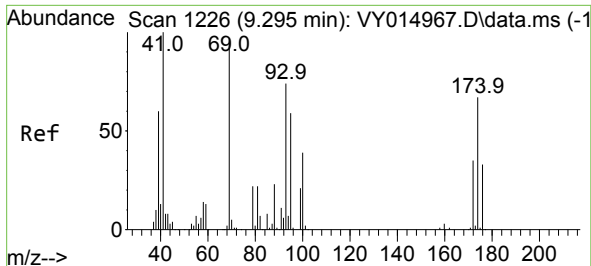
Tgt Ion: 83 Resp: 277976
 Ion Ratio Lower Upper
 83 100
 85 63.8 50.1 75.1
 127 8.3 7.1 10.7



#48
 Methyl methacrylate
 Concen: 51.312 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

Tgt Ion: 41 Resp: 155761
 Ion Ratio Lower Upper
 41 100
 69 89.8 64.5 96.7
 39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 984.094 ug/l

RT: 9.301 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

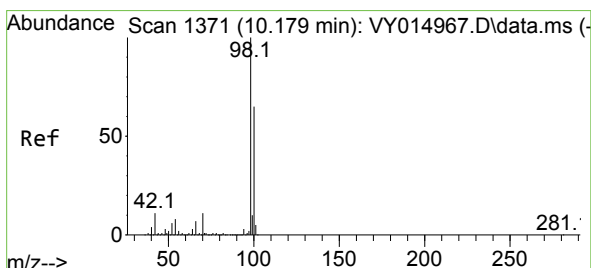
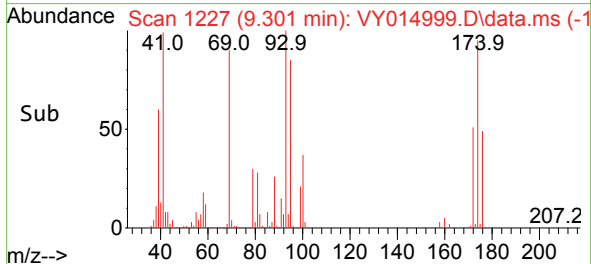
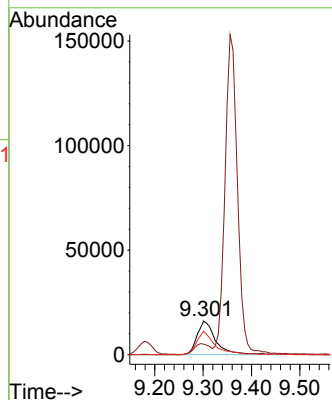
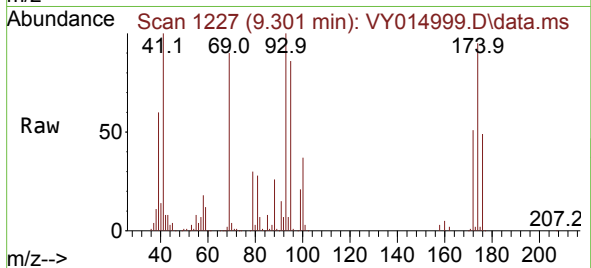
Tgt Ion: 88 Resp: 43292

Ion Ratio Lower Upper

88 100

43 26.4 0.0 0.0#

58 66.9 30.9 46.3#



#50

Toluene-d8

Concen: 48.077 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014999.D

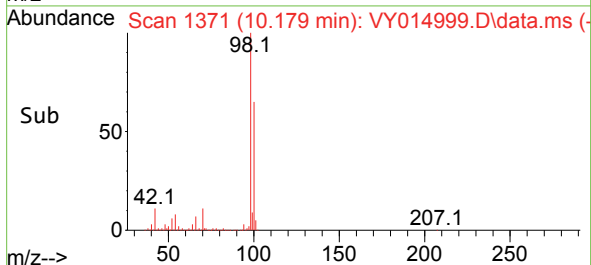
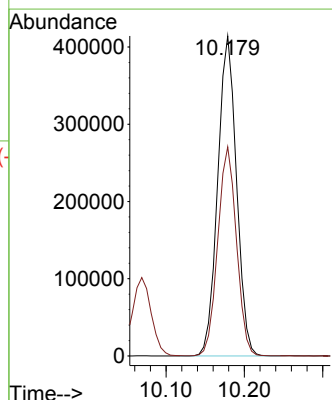
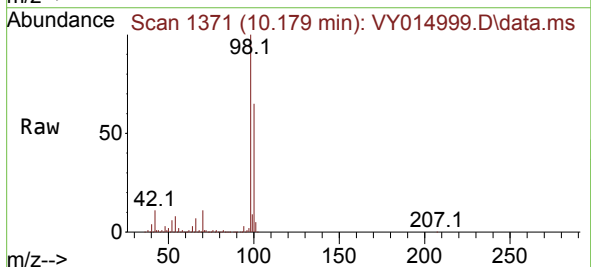
Acq: 09 Aug 2023 11:30

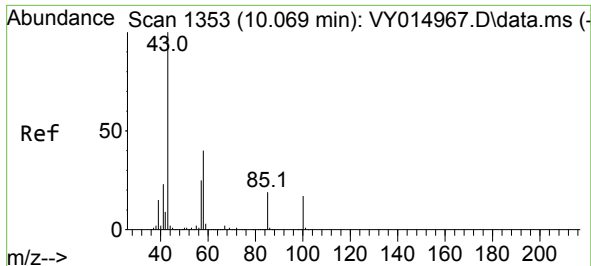
Tgt Ion: 98 Resp: 691475

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

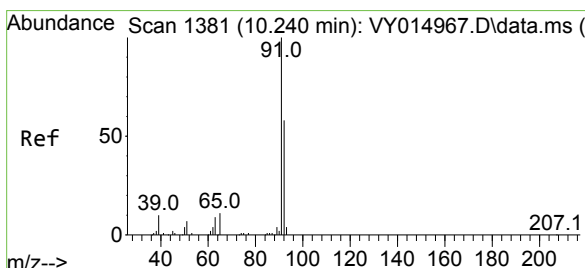
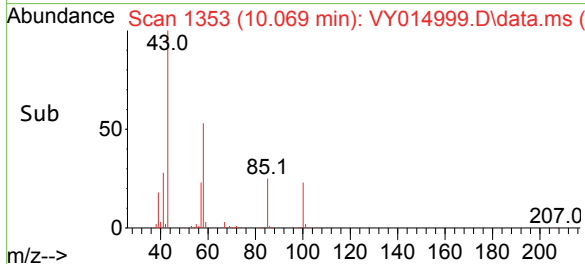
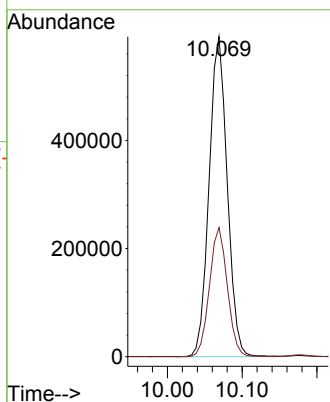
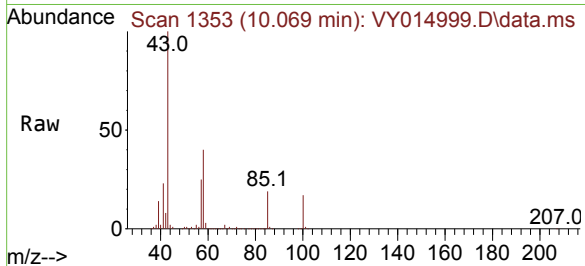




#51
4-Methyl-2-Pentanone
Concen: 256.477 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

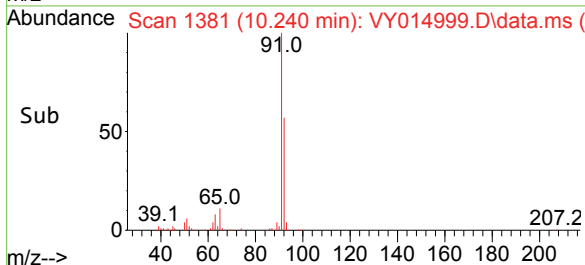
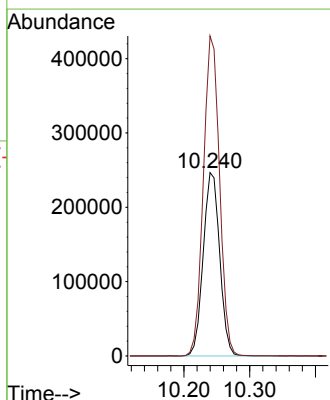
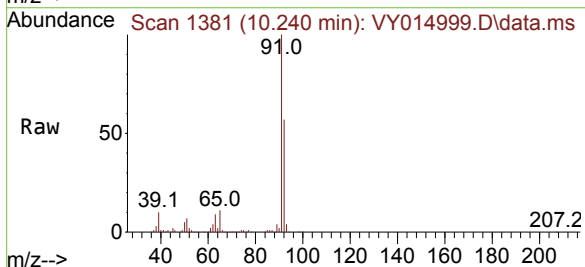
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

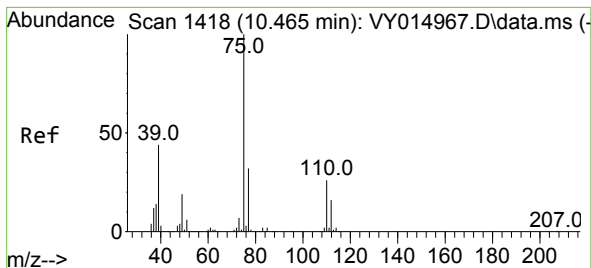
Tgt Ion: 43 Resp: 999971
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 48.357 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 92 Resp: 429882
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6

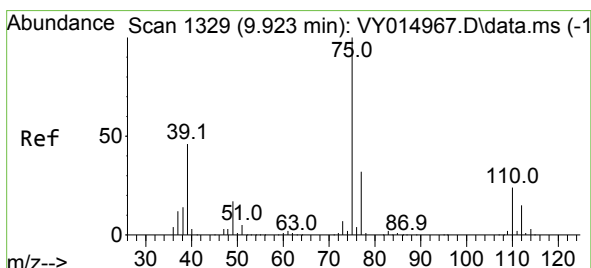
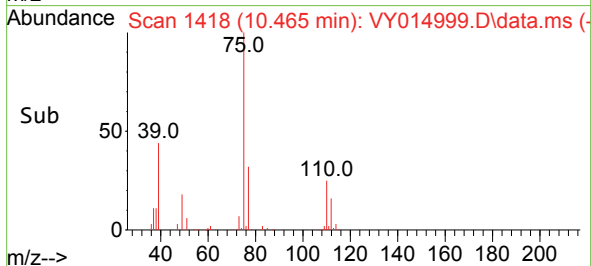
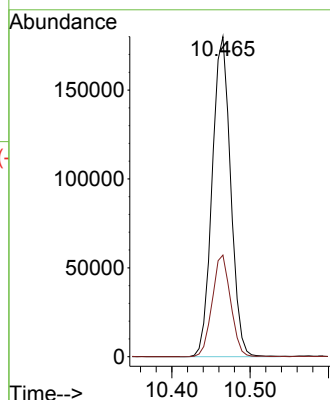
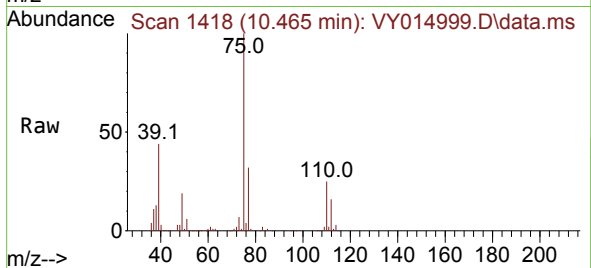




#53
t-1,3-Dichloropropene
Concen: 51.889 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

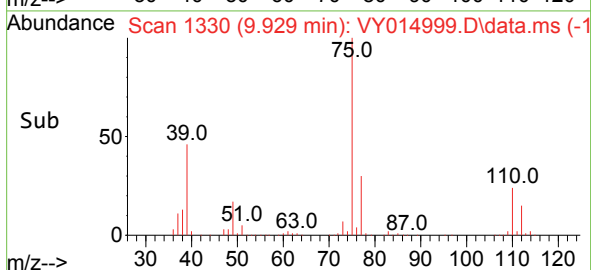
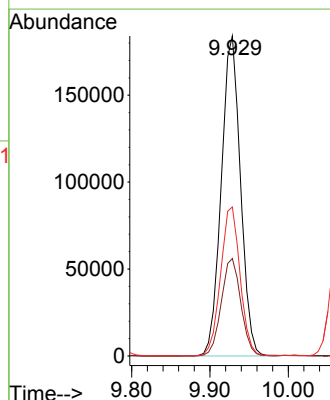
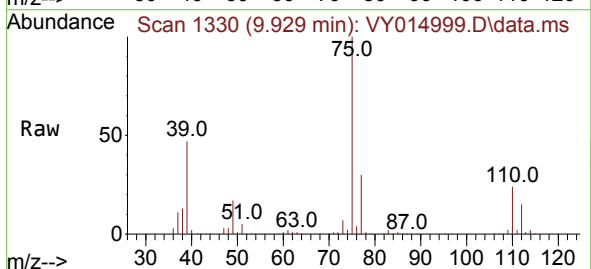
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

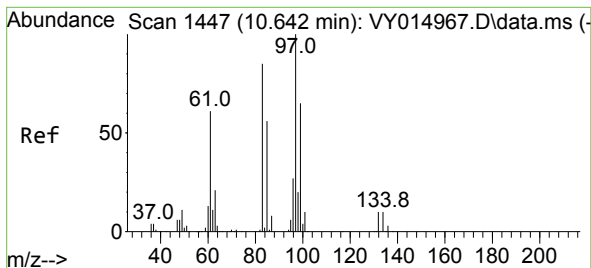
Tgt Ion: 75 Resp: 294302
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.229 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 75 Resp: 313921
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.4
39 46.6 42.2 63.4

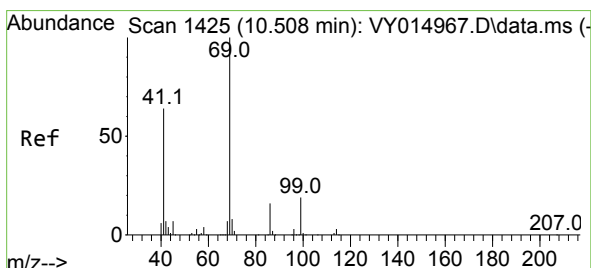
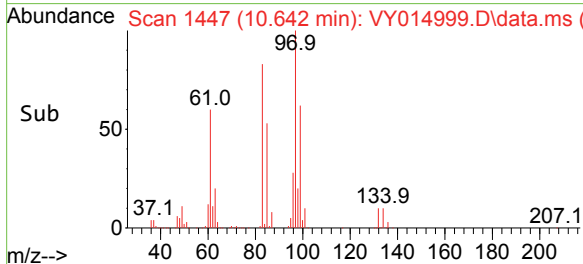
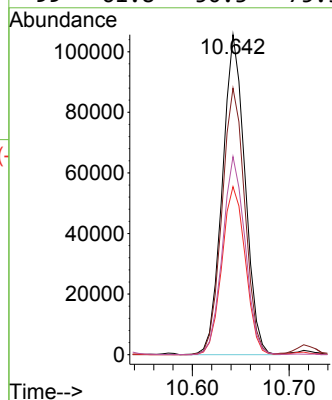
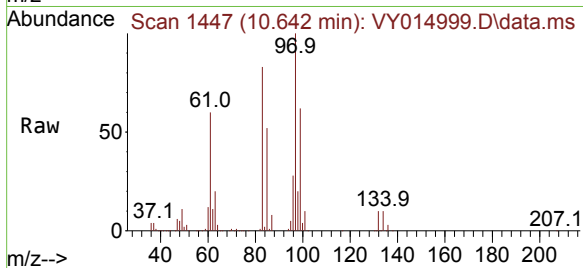




#55
1,1,2-Trichloroethane
Concen: 49.892 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

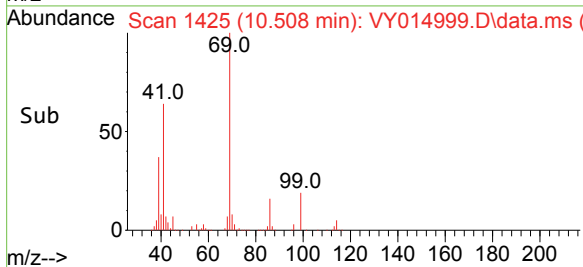
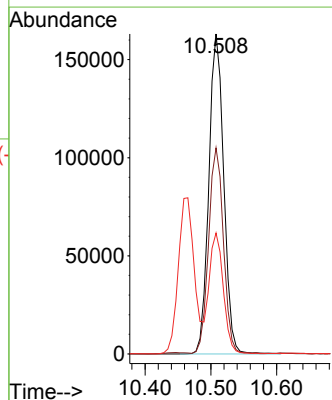
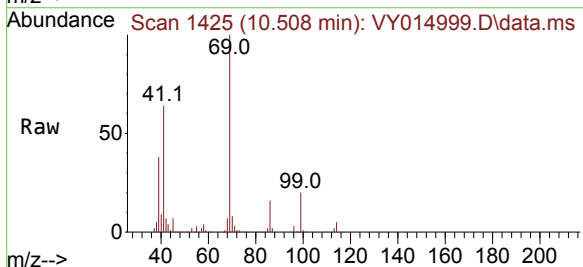
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

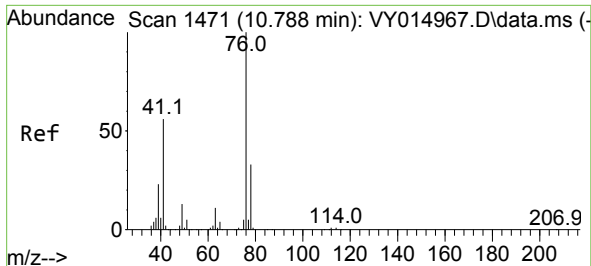
Tgt Ion:	97	Resp:	171499
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	52.5	45.4	68.0
99	61.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 52.364 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion:	69	Resp:	257739
Ion	Ratio	Lower	Upper
69	100		
41	63.7	57.6	86.4
39	35.1	34.1	51.1





#57

1,3-Dichloropropane

Concen: 50.137 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

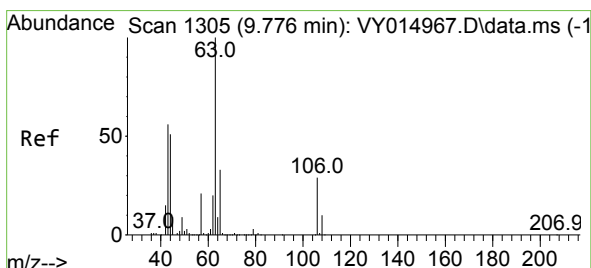
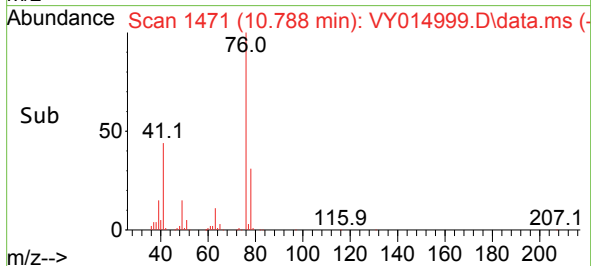
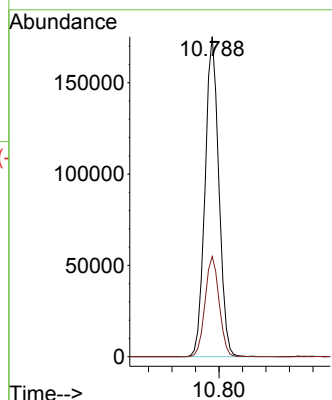
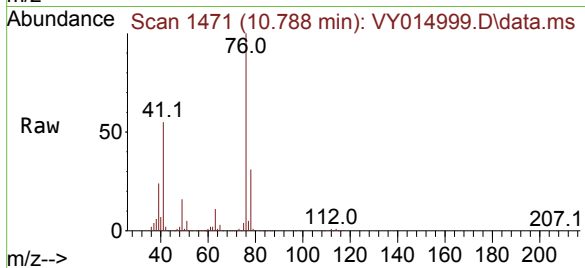
VSTDCCC050

Tgt Ion: 76 Resp: 285138

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 247.970 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY014999.D

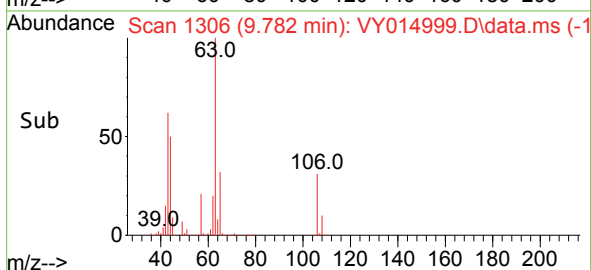
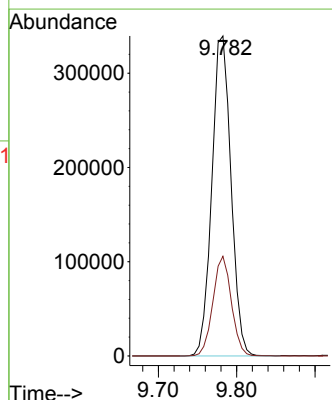
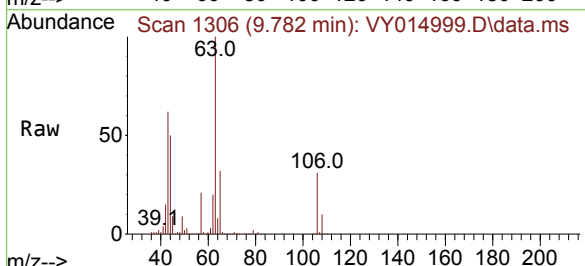
Acq: 09 Aug 2023 11:30

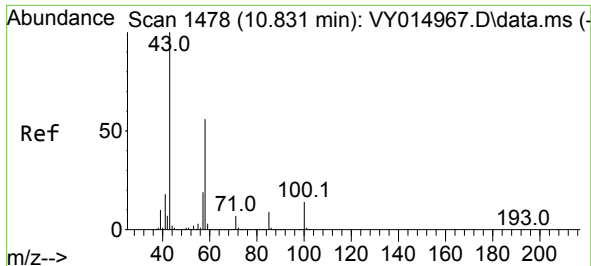
Tgt Ion: 63 Resp: 577102

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8





#59

2-Hexanone

Concen: 260.260 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

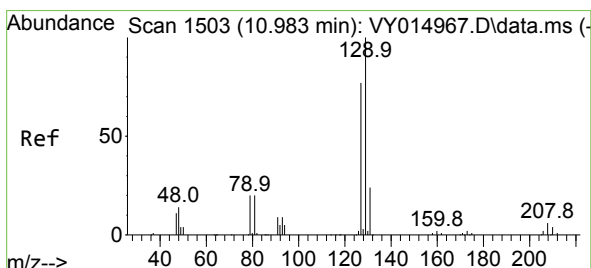
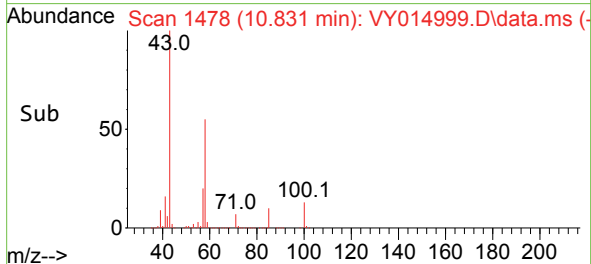
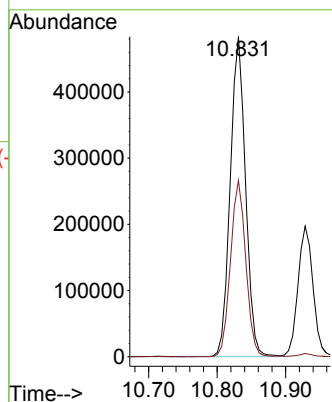
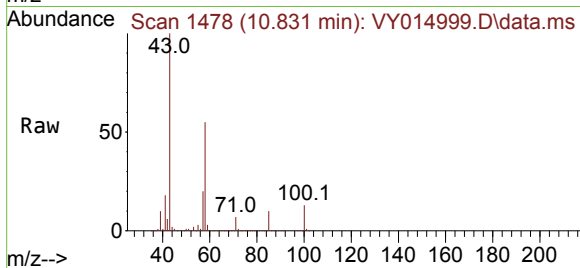
VSTDCCC050

Tgt Ion: 43 Resp: 749593

Ion Ratio Lower Upper

43 100

58 55.2 25.1 75.3



#60

Dibromochloromethane

Concen: 51.367 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY014999.D

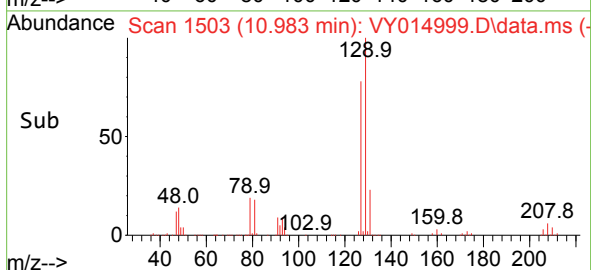
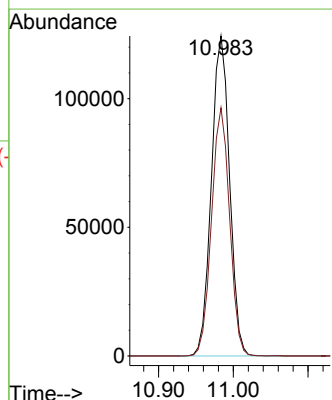
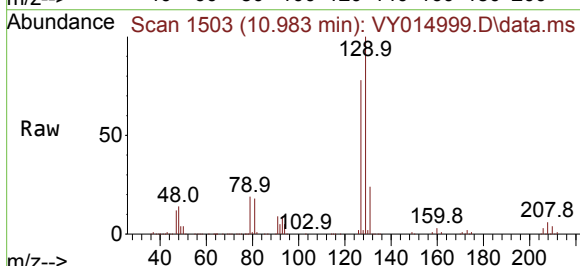
Acq: 09 Aug 2023 11:30

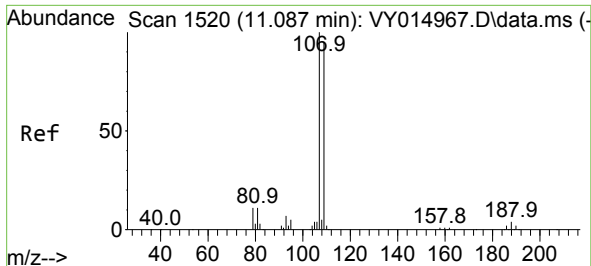
Tgt Ion: 129 Resp: 210242

Ion Ratio Lower Upper

129 100

127 77.1 38.5 115.5

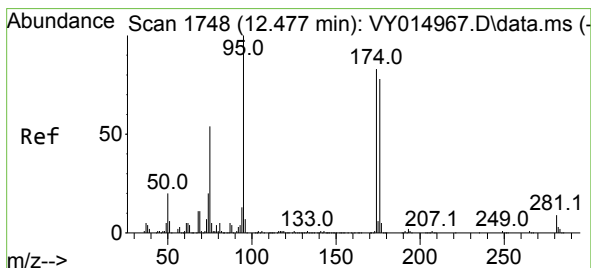
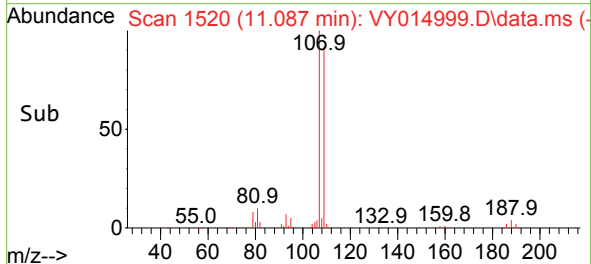
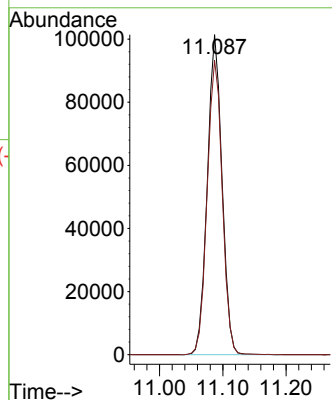
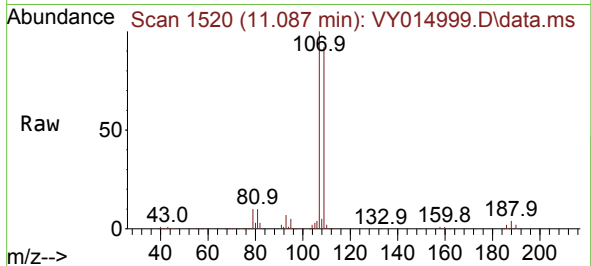




#61
1,2-Dibromoethane
Concen: 50.018 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

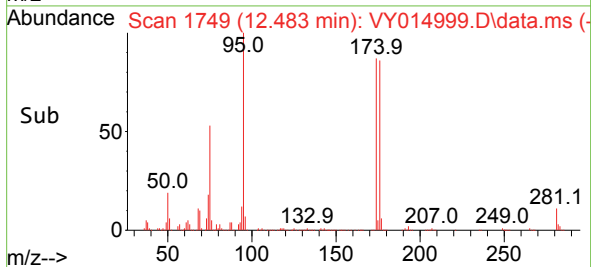
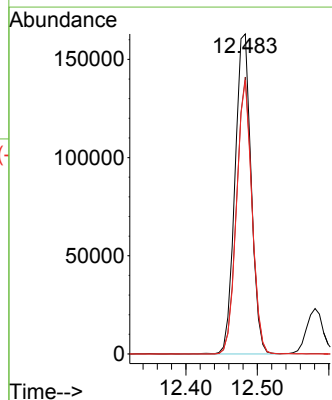
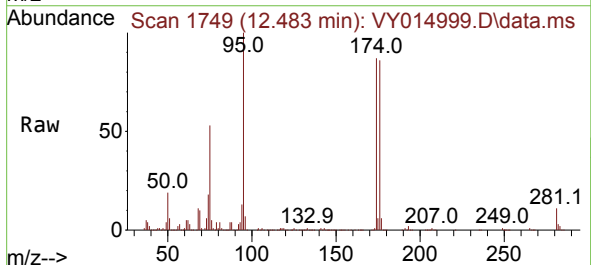
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

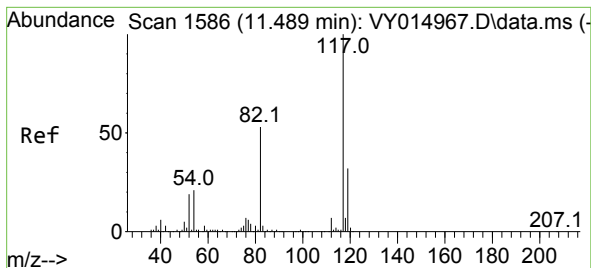
Tgt Ion:107 Resp: 164112
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 95 Resp: 256103
Ion Ratio Lower Upper
95 100
174 82.0 0.0 178.2
176 81.3 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: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

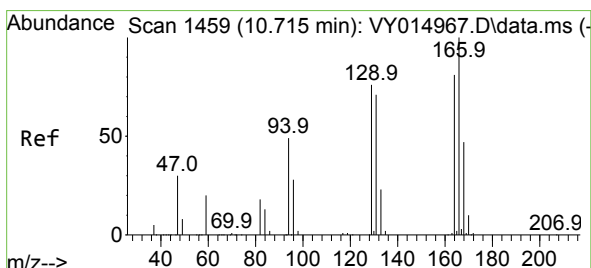
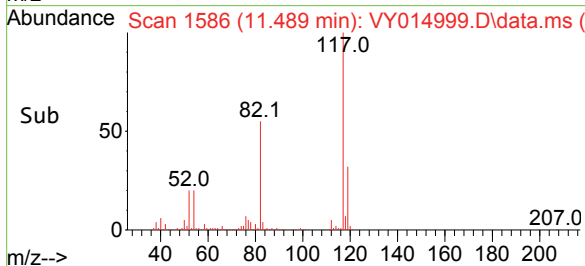
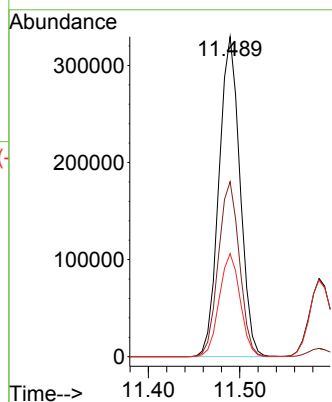
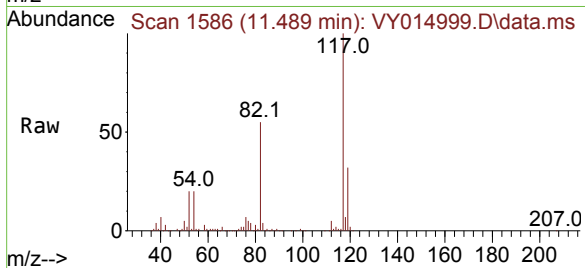
Tgt Ion:117 Resp: 526501

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 53.191 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Tgt Ion:164 Resp: 210659

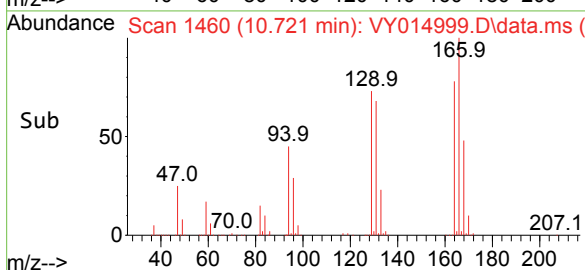
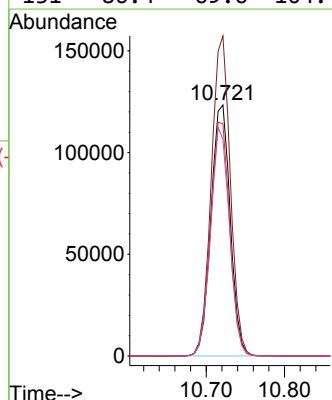
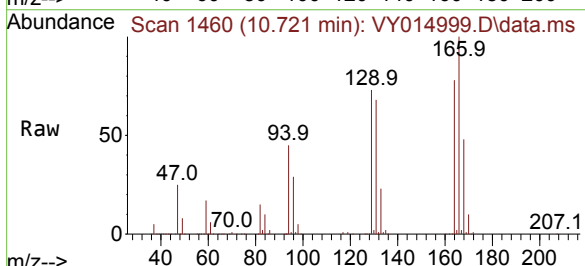
Ion Ratio Lower Upper

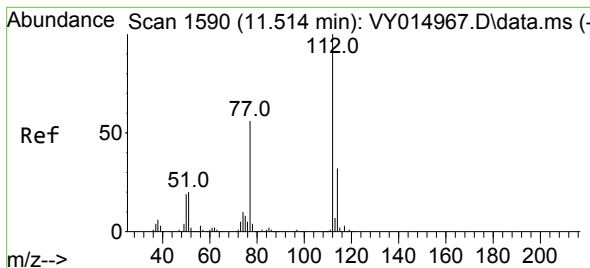
164 100

166 127.4 103.0 154.6

129 92.5 77.2 115.8

131 86.4 69.6 104.4





#65

Chlorobenzene

Concen: 49.320 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

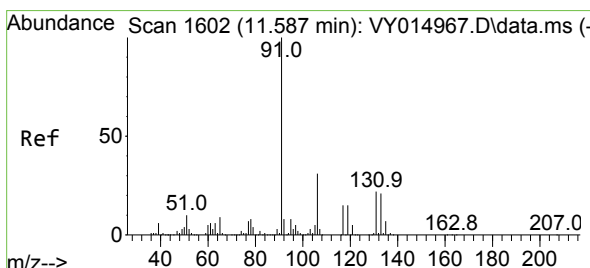
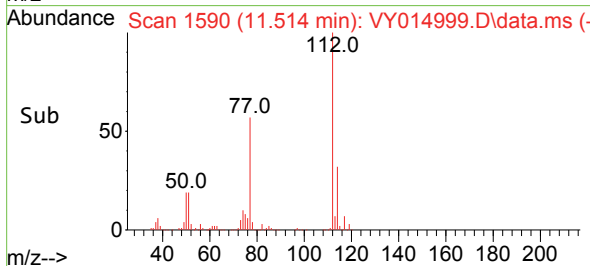
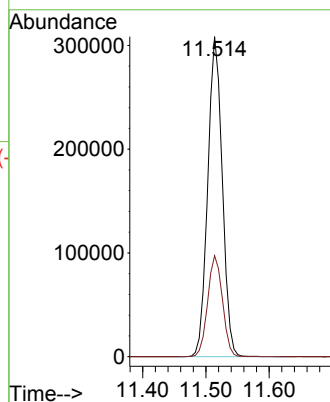
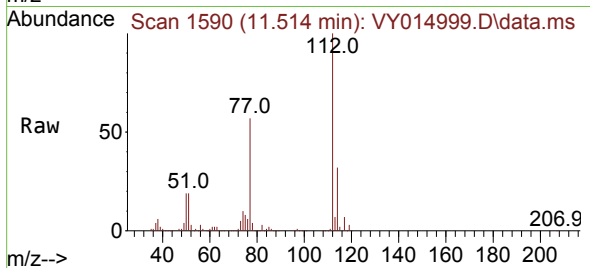
VSTDCCC050

Tgt Ion:112 Resp: 492727

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.000 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

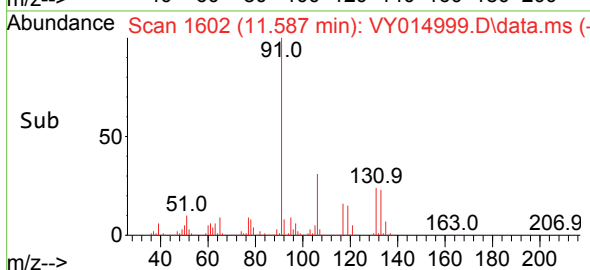
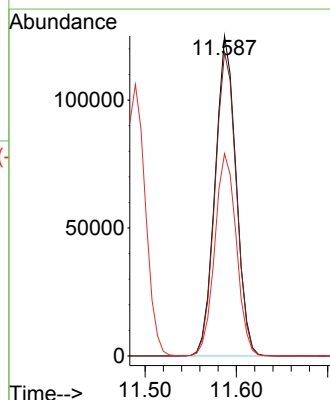
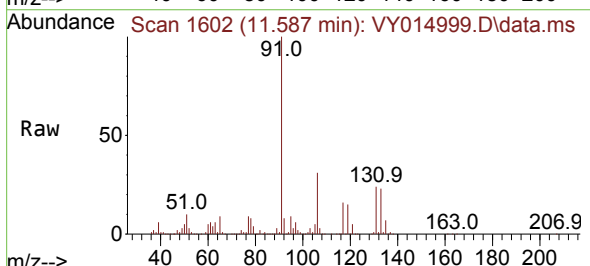
Tgt Ion:131 Resp: 199652

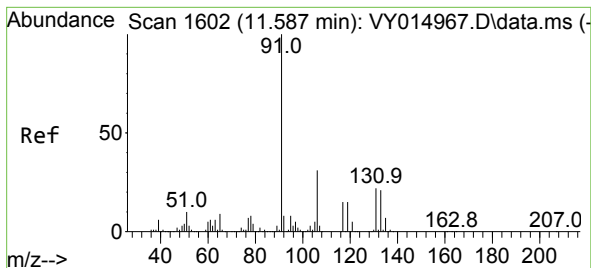
Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.6

119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 49.122 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

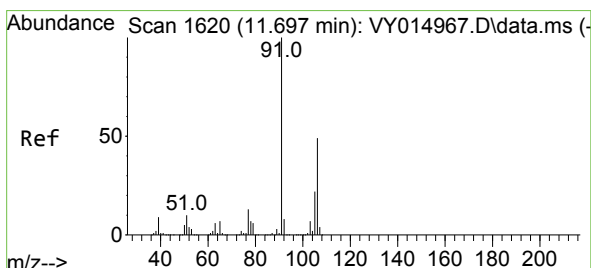
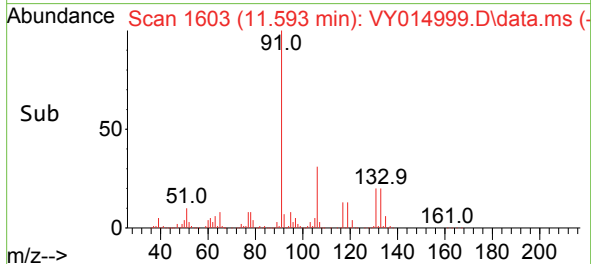
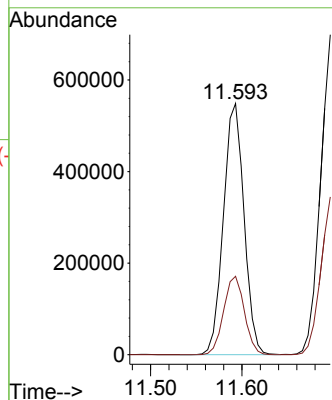
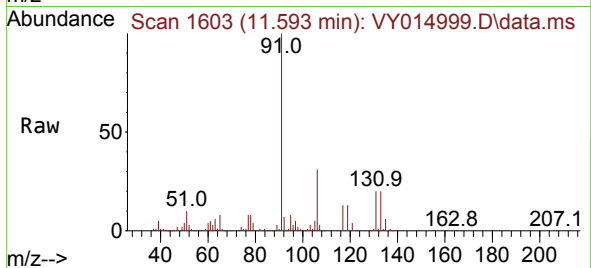
VSTDCCC050

Tgt Ion: 91 Resp: 861255

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 98.110 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014999.D

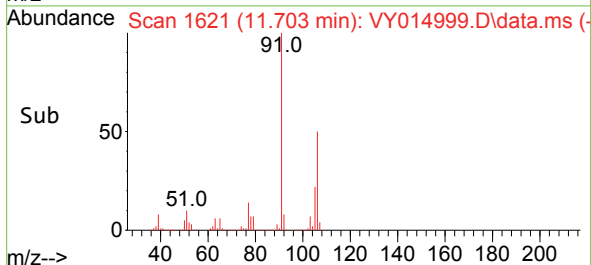
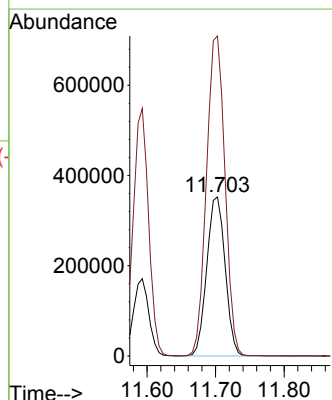
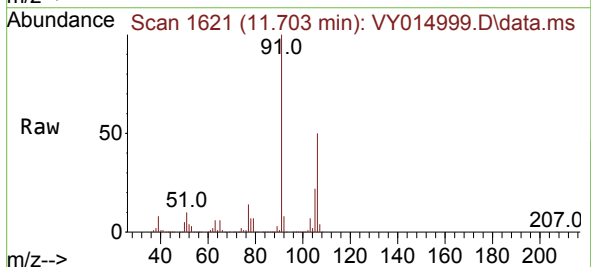
Acq: 09 Aug 2023 11:30

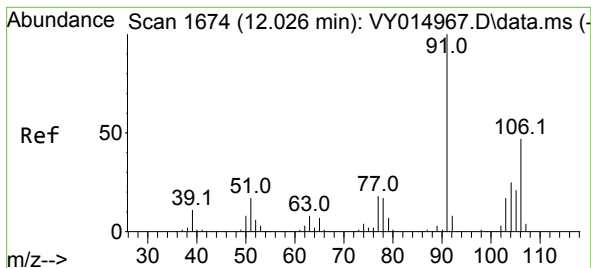
Tgt Ion:106 Resp: 658043

Ion Ratio Lower Upper

106 100

91 202.5 166.1 249.1





#69

o-Xylene

Concen: 49.752 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

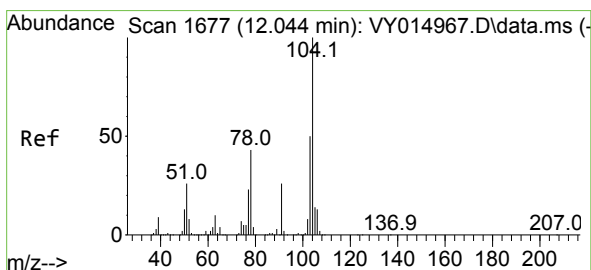
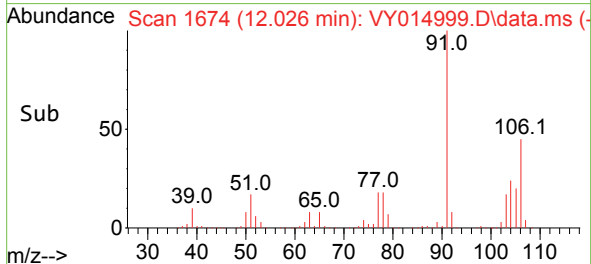
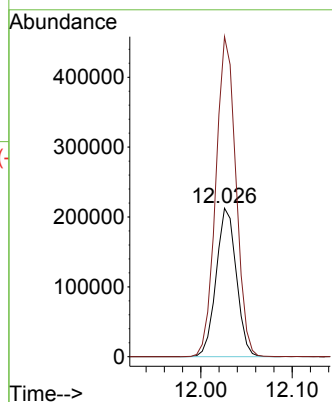
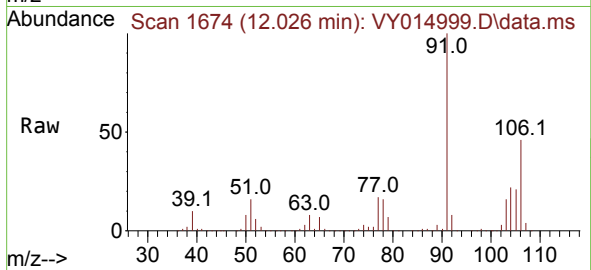
VSTDCCC050

Tgt Ion:106 Resp: 326524

Ion Ratio Lower Upper

106 100

91 214.3 108.1 324.3



#70

Styrene

Concen: 50.227 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

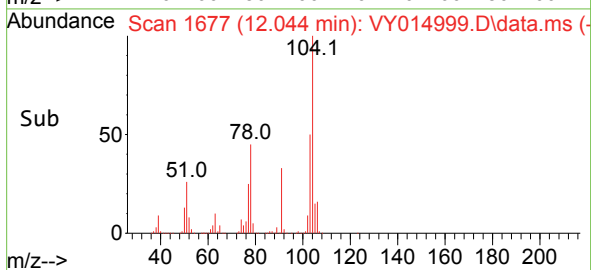
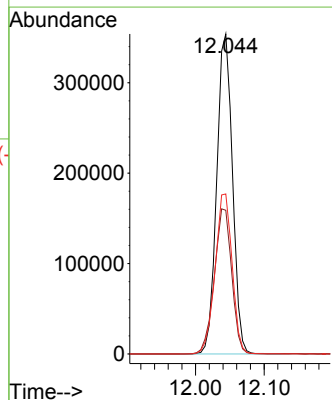
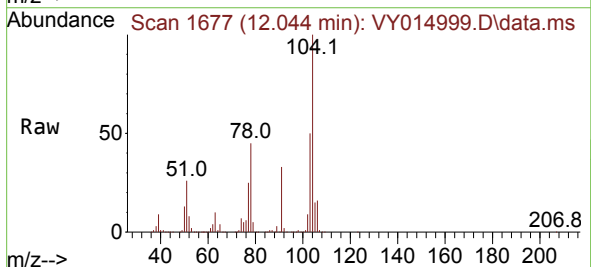
Tgt Ion:104 Resp: 563352

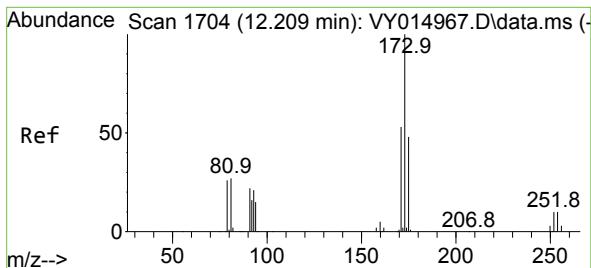
Ion Ratio Lower Upper

104 100

78 50.1 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 53.467 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

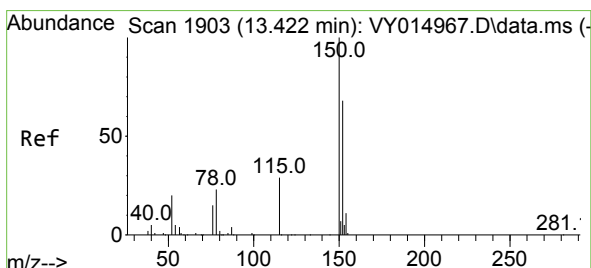
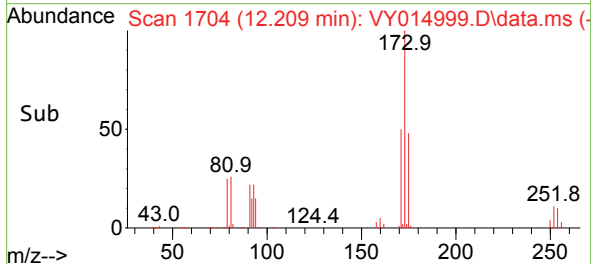
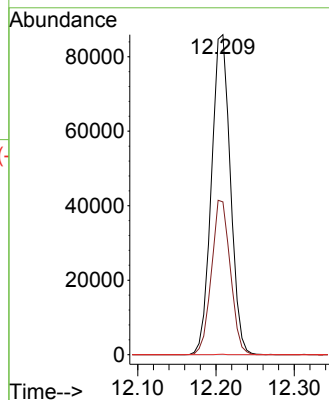
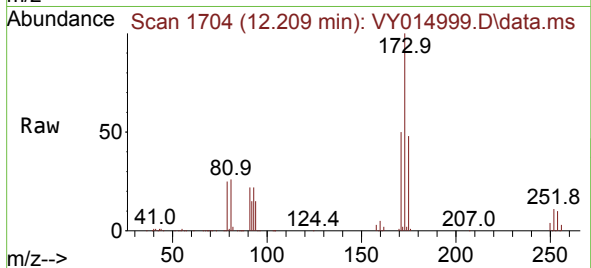
Tgt Ion:173 Resp: 144273

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

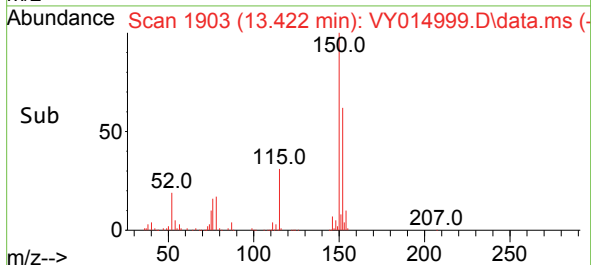
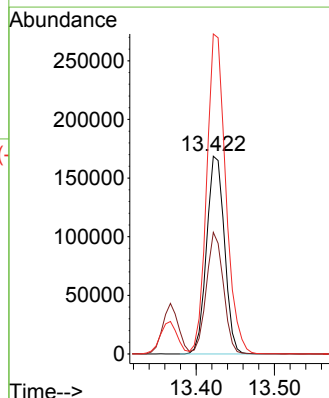
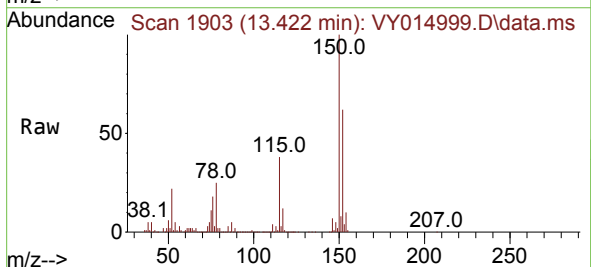
Tgt Ion:152 Resp: 266650

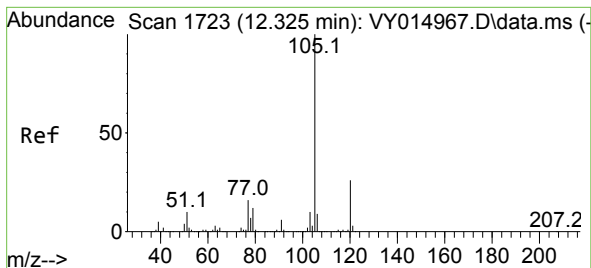
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 172.9 0.0 348.8





#73

Isopropylbenzene

Concen: 48.029 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

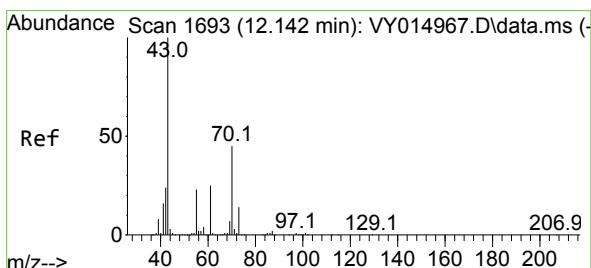
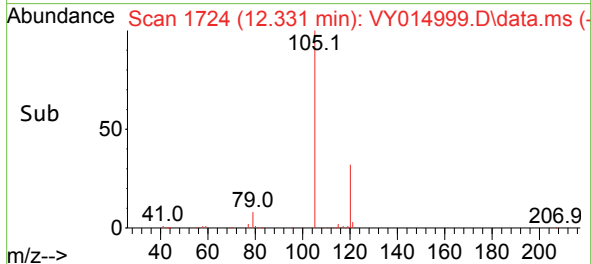
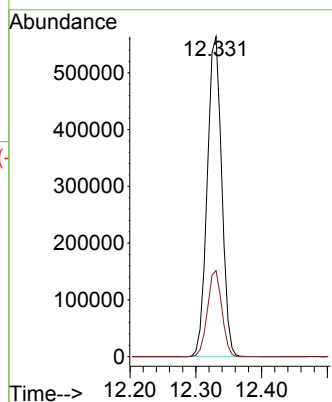
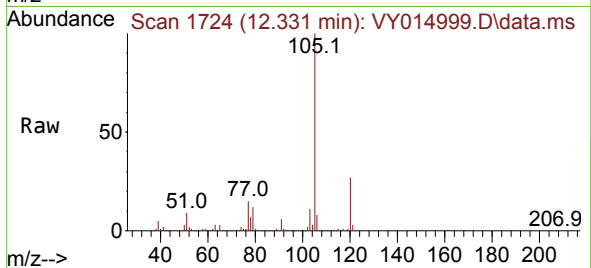
VSTDCCC050

Tgt Ion:105 Resp: 860910

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 50.922 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Tgt Ion: 43 Resp: 311856

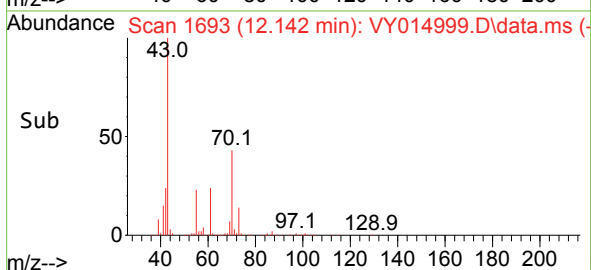
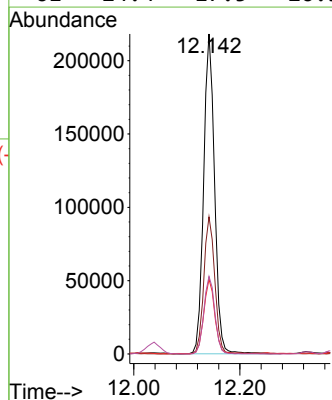
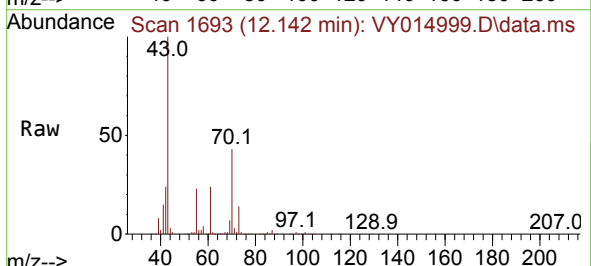
Ion Ratio Lower Upper

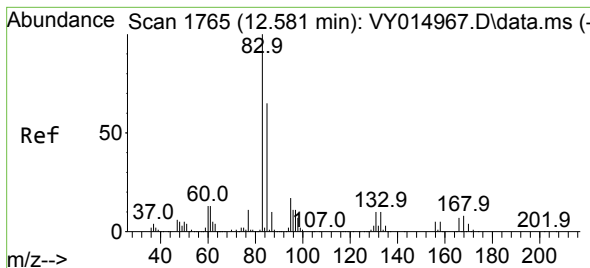
43 100

70 43.1 29.7 44.5

55 23.3 18.3 27.5

61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.576 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

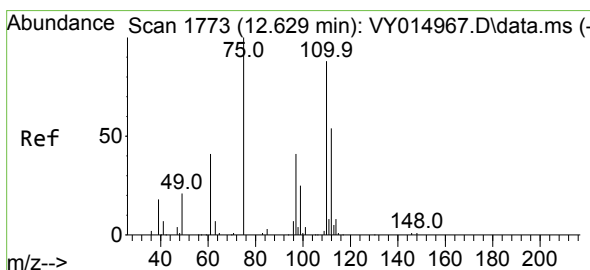
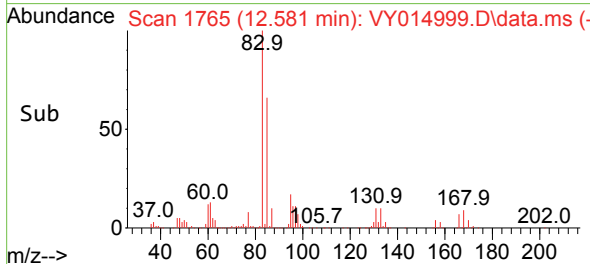
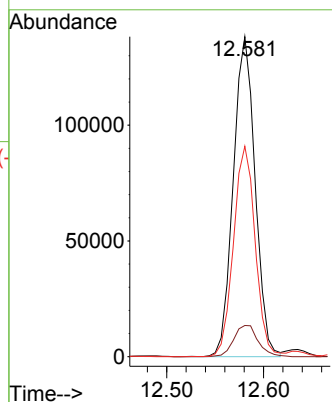
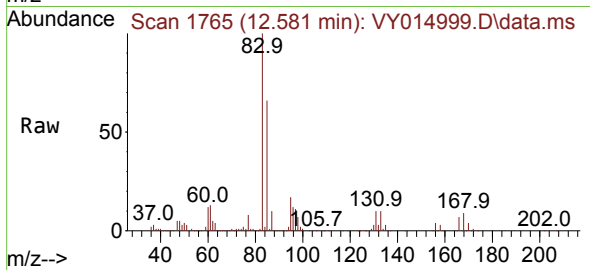
Tgt Ion: 83 Resp: 217161

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 65.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 90.433 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014999.D

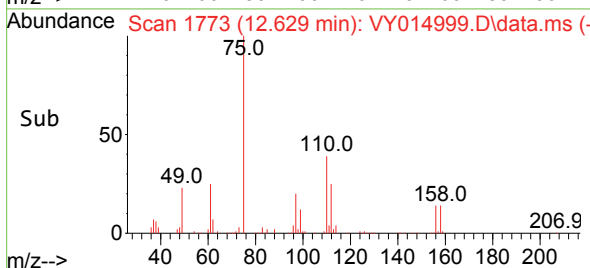
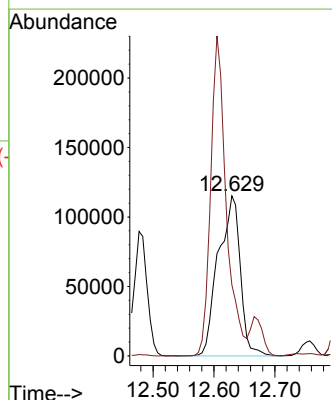
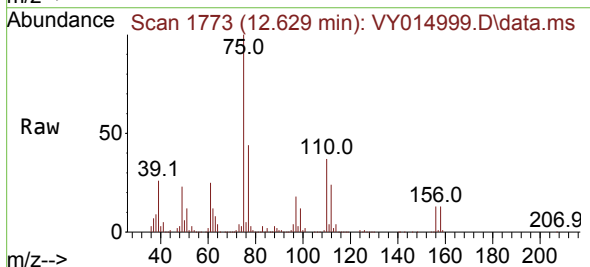
Acq: 09 Aug 2023 11:30

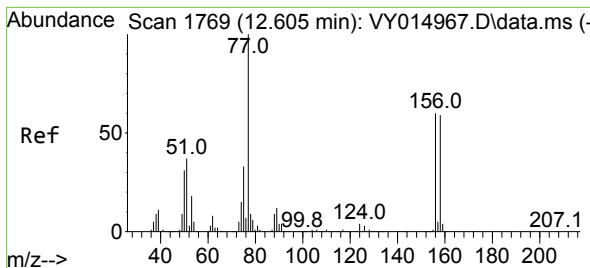
Tgt Ion: 75 Resp: 288942

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.488 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

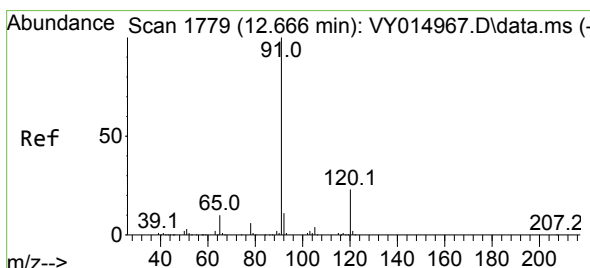
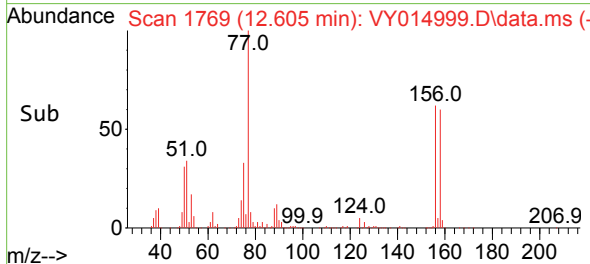
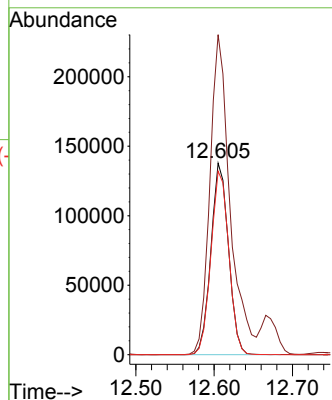
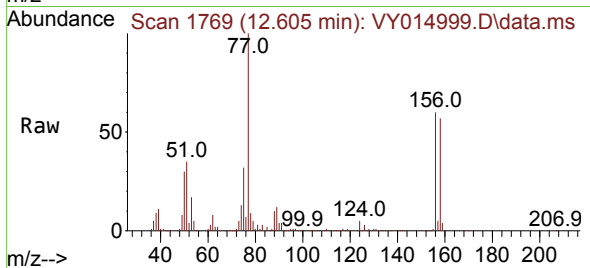
Tgt Ion:156 Resp: 215169

Ion Ratio Lower Upper

156 100

77 191.0 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 47.819 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014999.D

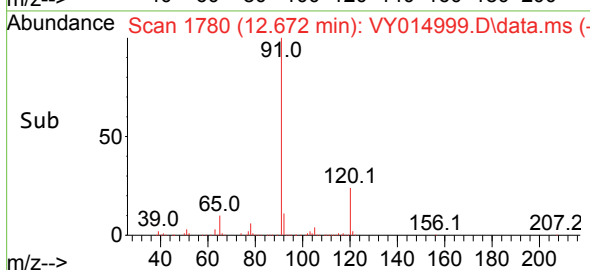
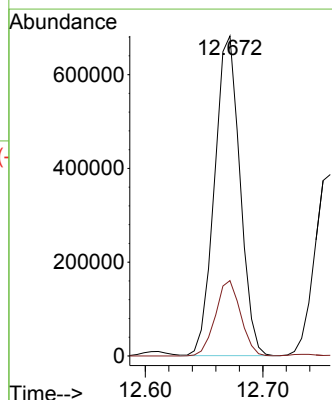
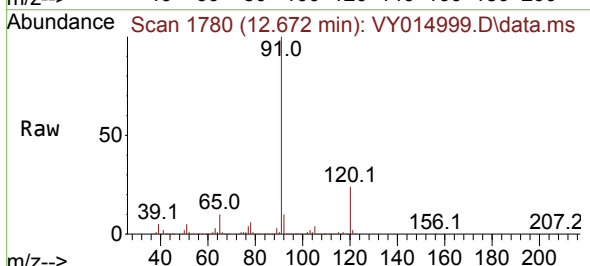
Acq: 09 Aug 2023 11:30

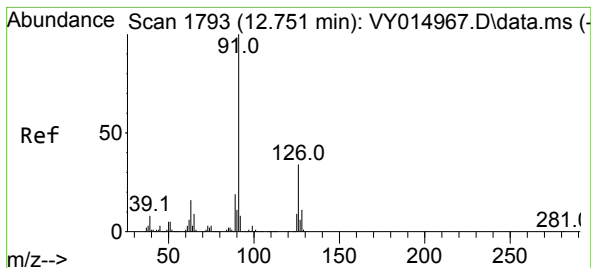
Tgt Ion: 91 Resp: 1025179

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

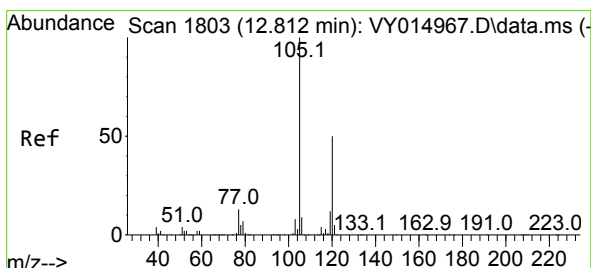
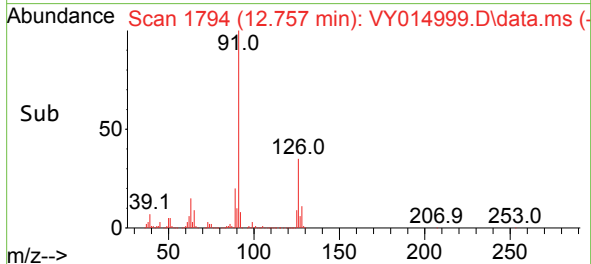
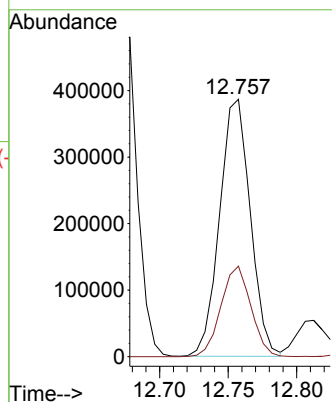
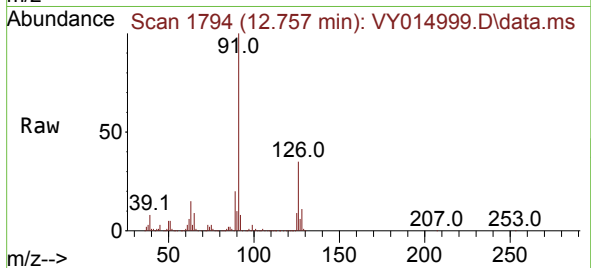




#79
2-Chlorotoluene
Concen: 49.327 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

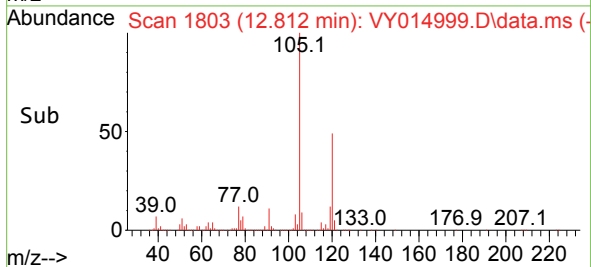
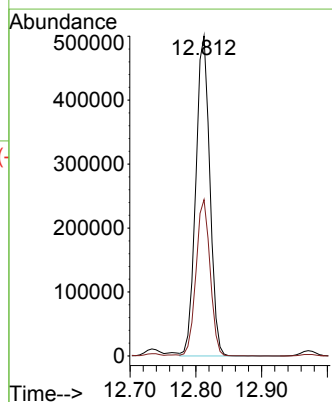
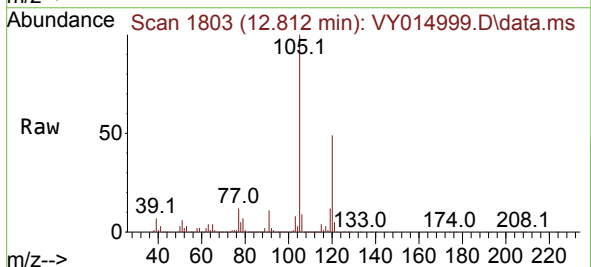
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

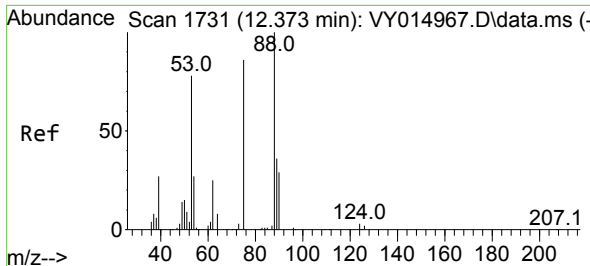
Tgt Ion: 91 Resp: 602703
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.034 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 105 Resp: 739064
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

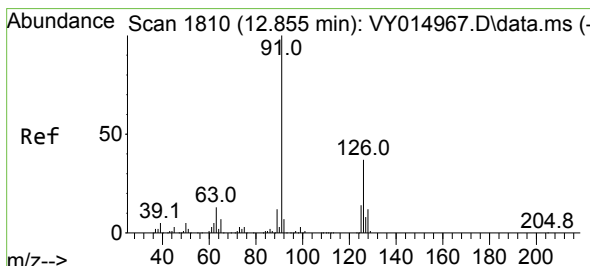
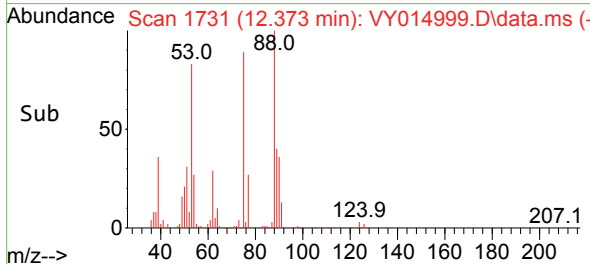
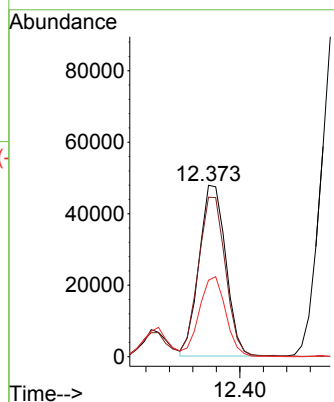
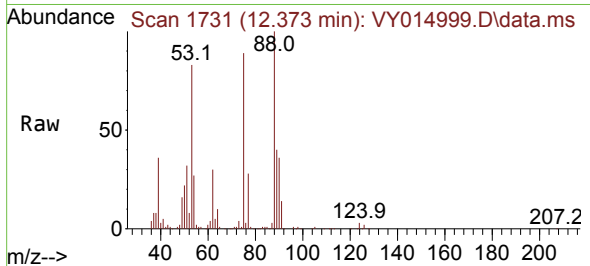




#81
trans-1,4-Dichloro-2-butene
Concen: 52.115 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

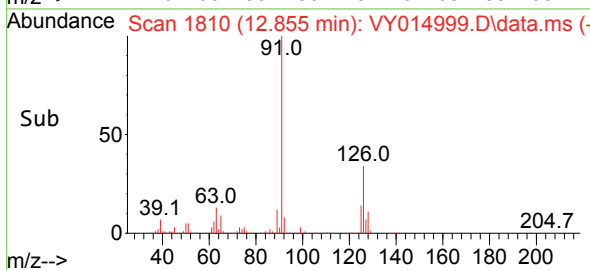
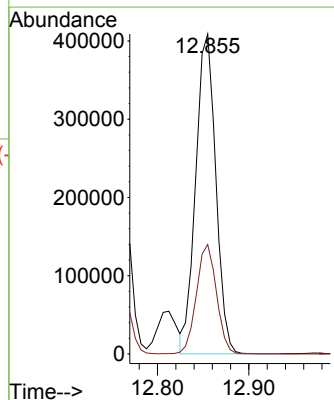
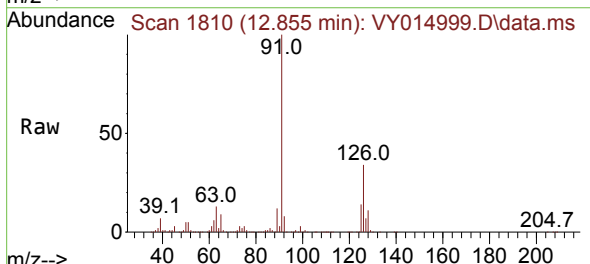
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

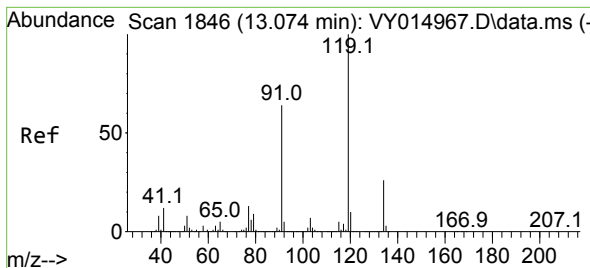
Tgt Ion: 75 Resp: 75583
Ion Ratio Lower Upper
75 100
53 94.9 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.343 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 91 Resp: 623262
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.033 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

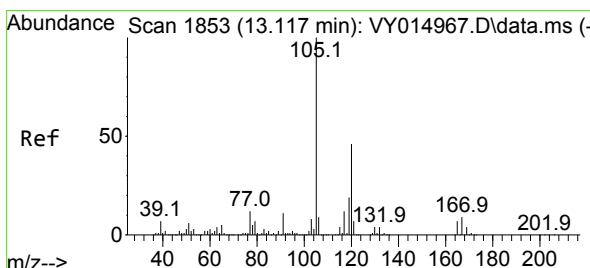
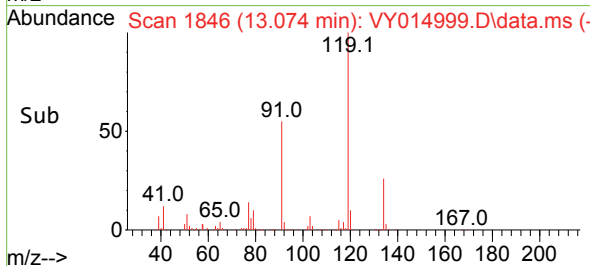
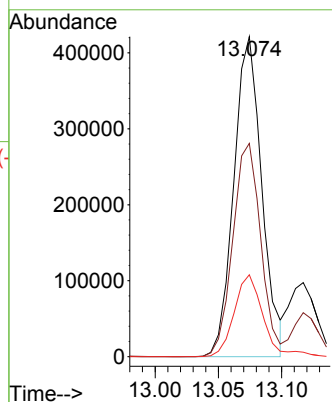
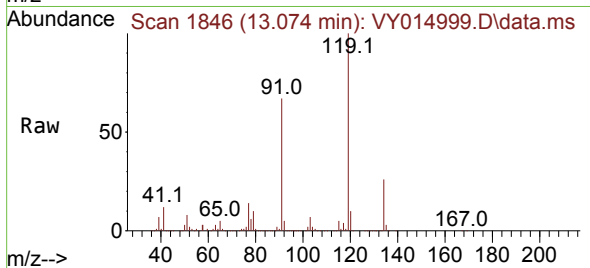
Tgt Ion:119 Resp: 649057

Ion Ratio Lower Upper

119 100

91 66.6 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.259 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY014999.D

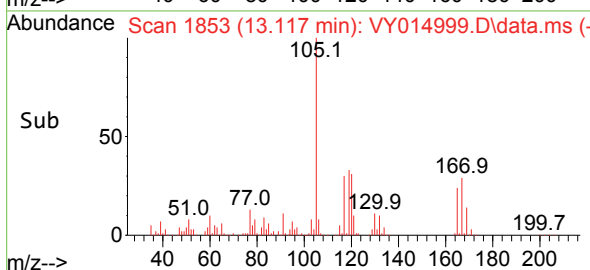
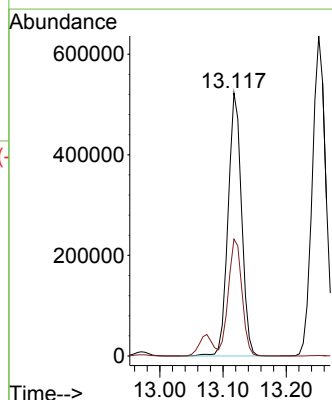
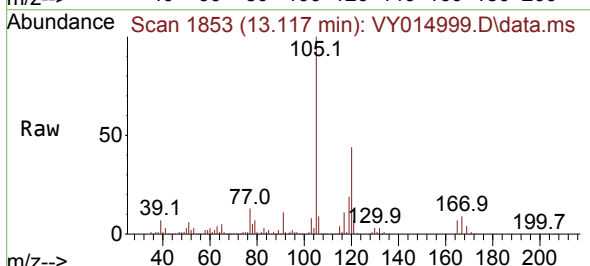
Acq: 09 Aug 2023 11:30

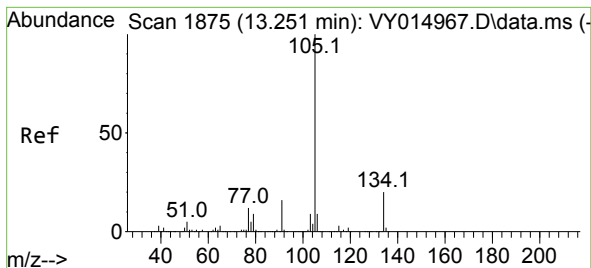
Tgt Ion:105 Resp: 773400

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.501 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

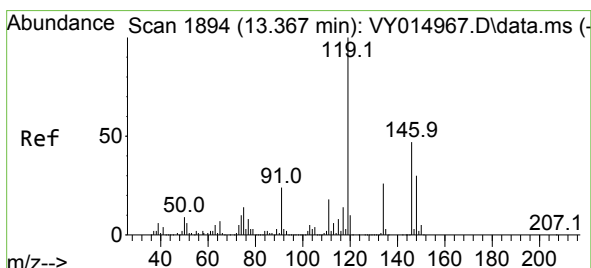
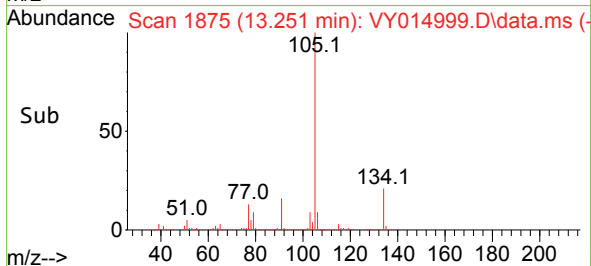
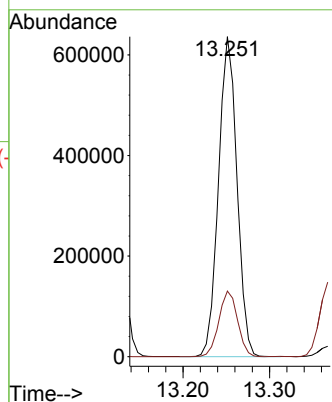
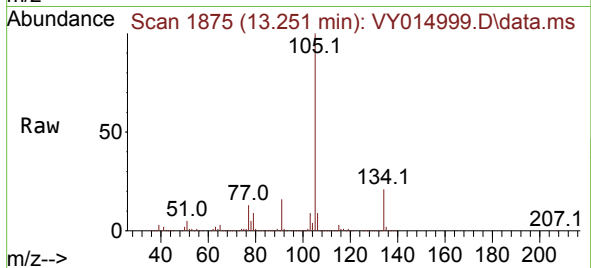
VSTDCCC050

Tgt Ion:105 Resp: 942044

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.379 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

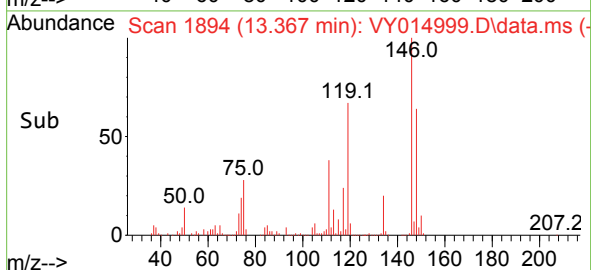
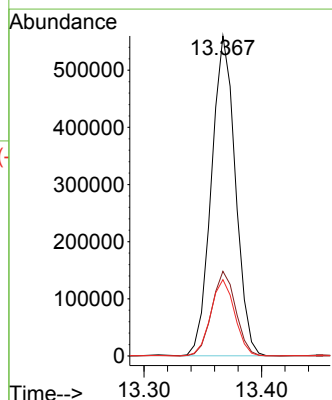
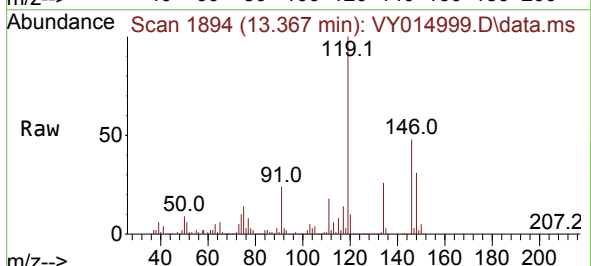
Tgt Ion:119 Resp: 794201

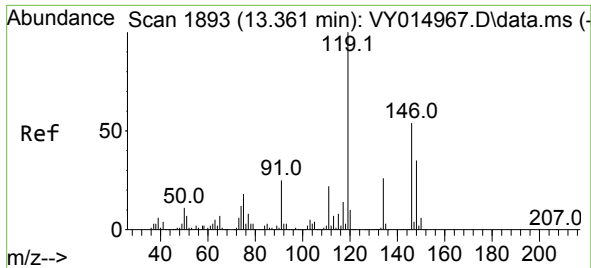
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.8 12.4 37.4

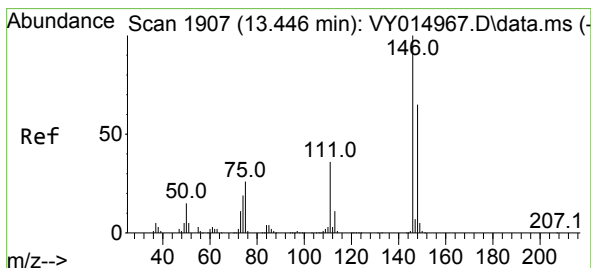
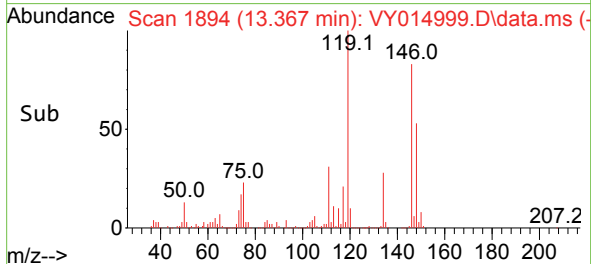
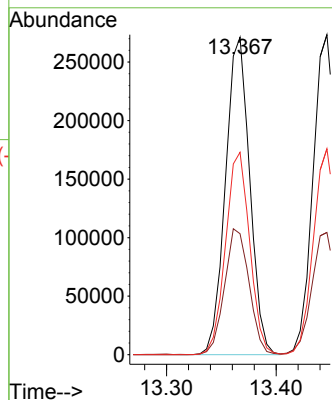
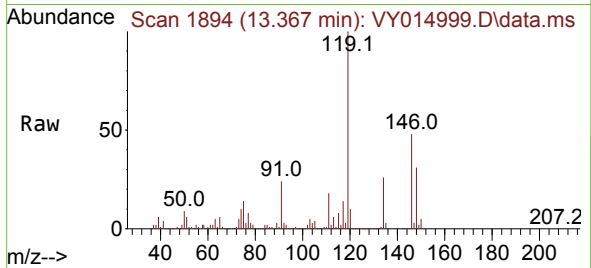




#87
 1,3-Dichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

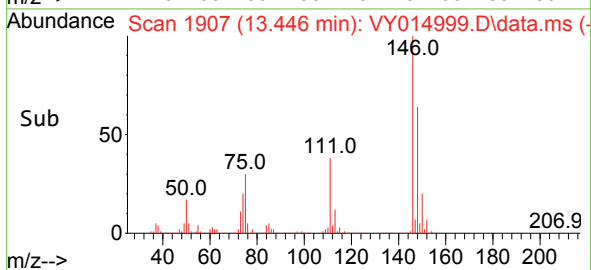
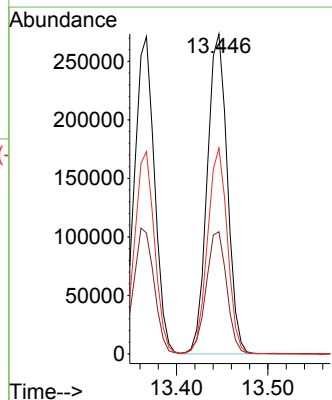
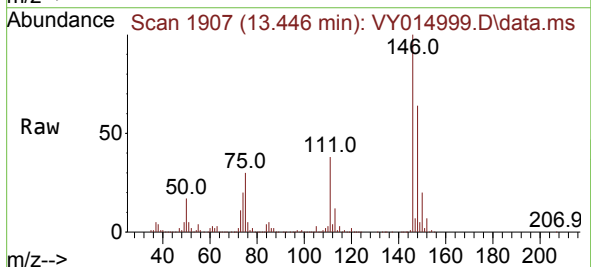
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

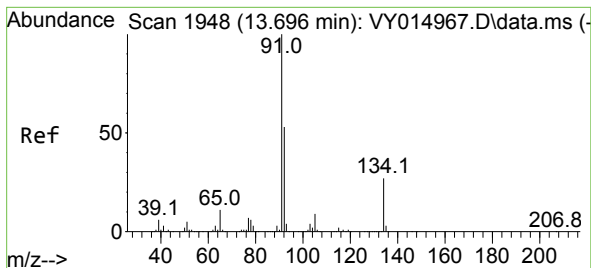
Tgt Ion:146 Resp: 416422
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.2
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.119 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY014999.D
 Acq: 09 Aug 2023 11:30

Tgt Ion:146 Resp: 416884
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.7
 148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 48.331 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

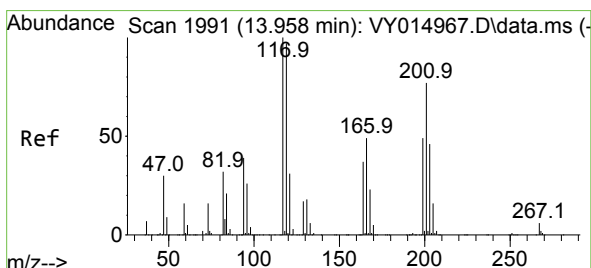
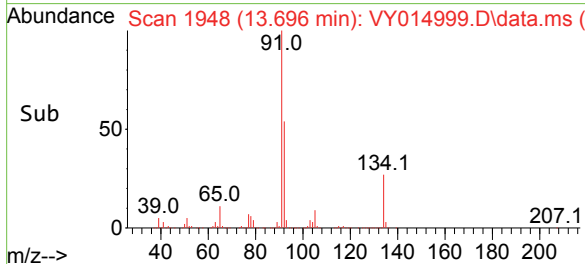
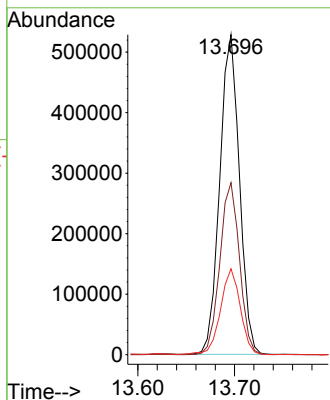
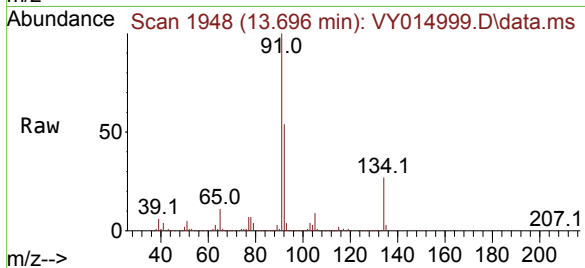
Tgt Ion: 91 Resp: 745469

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 49.934 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014999.D

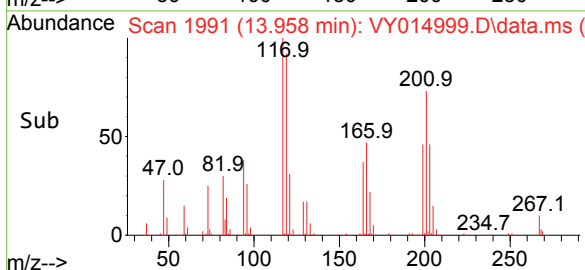
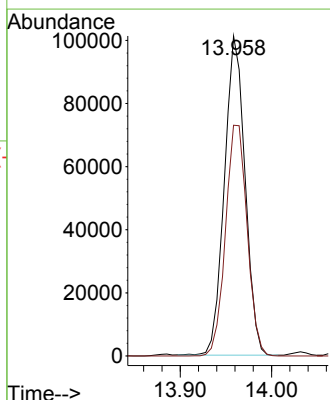
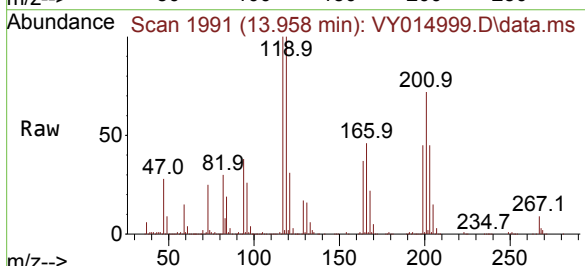
Acq: 09 Aug 2023 11:30

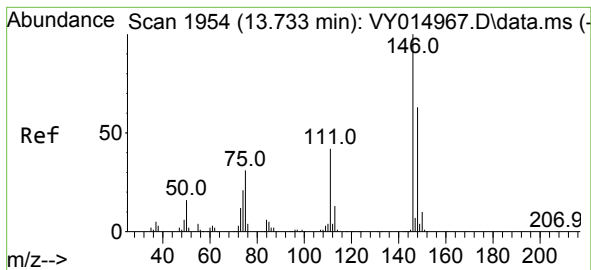
Tgt Ion: 117 Resp: 159184

Ion Ratio Lower Upper

117 100

201 75.7 41.6 124.8

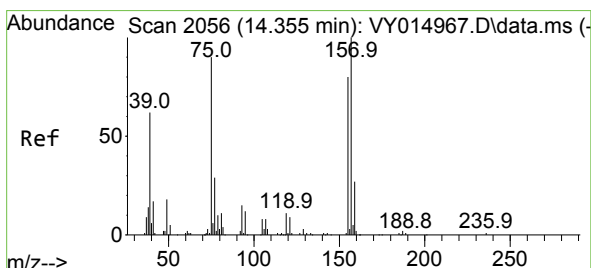
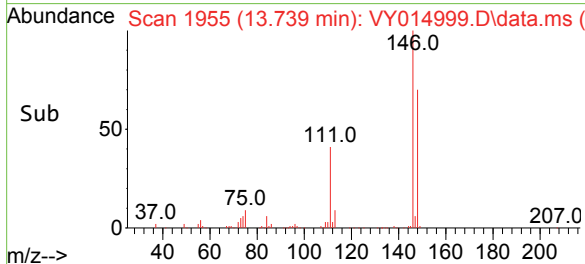
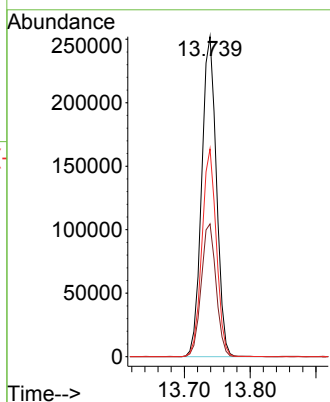
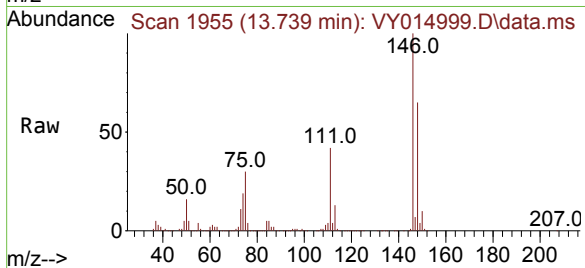




#91
1,2-Dichlorobenzene
Concen: 49.933 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

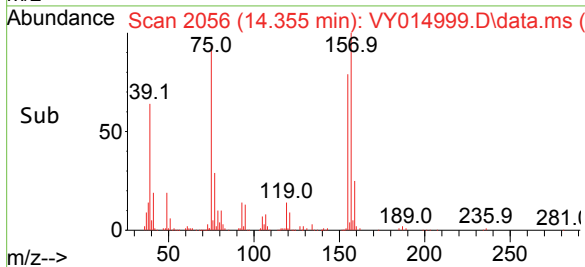
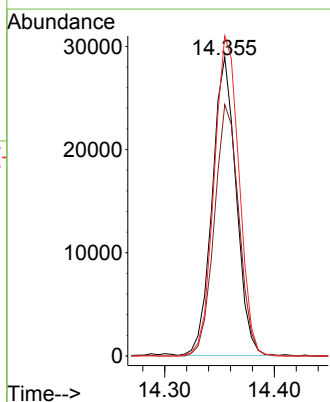
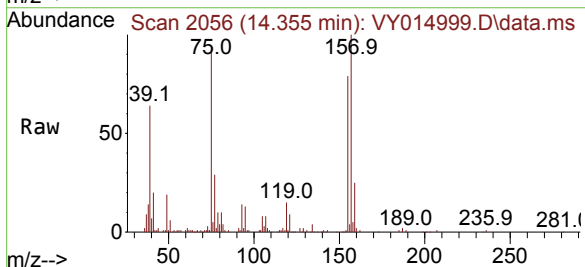
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

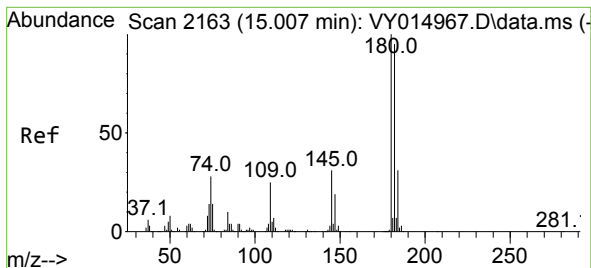
Tgt Ion:146 Resp: 392197
Ion Ratio Lower Upper
146 100
111 41.6 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.143 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014999.D
Acq: 09 Aug 2023 11:30

Tgt Ion: 75 Resp: 43741
Ion Ratio Lower Upper
75 100
155 86.5 41.5 124.6
157 111.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.991 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

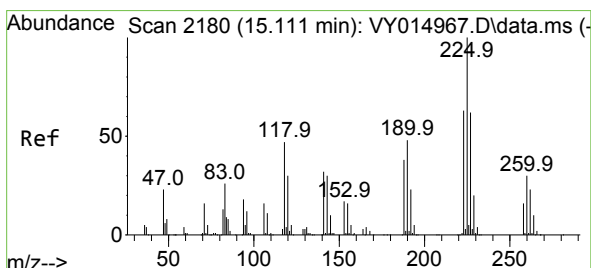
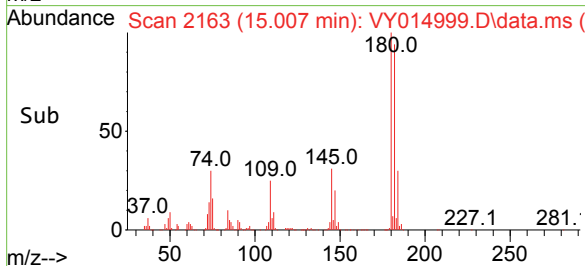
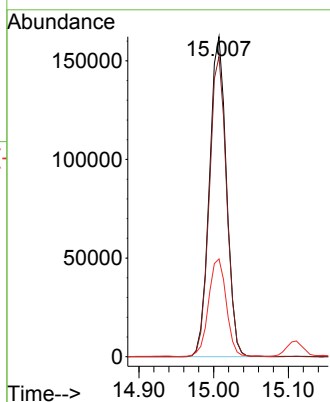
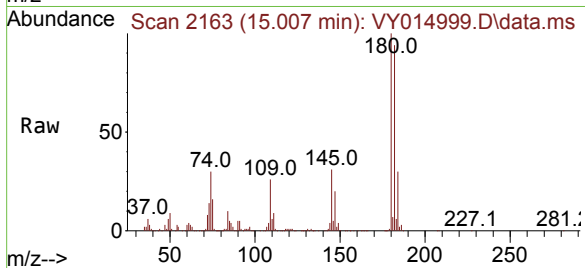
Tgt Ion:180 Resp: 256286

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 31.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.342 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

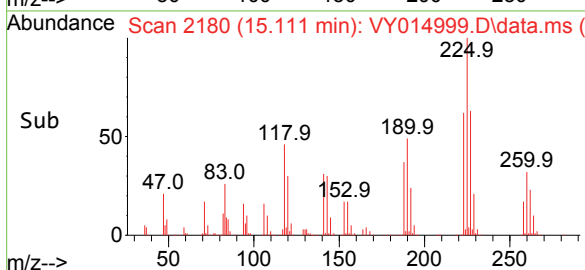
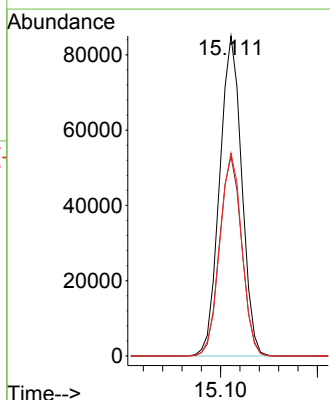
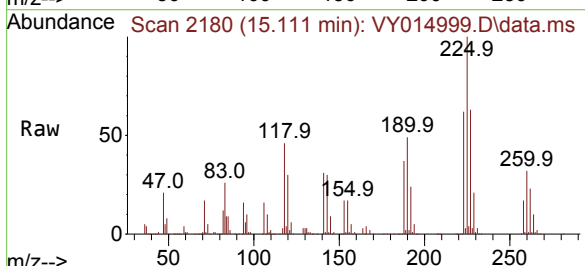
Tgt Ion:225 Resp: 134478

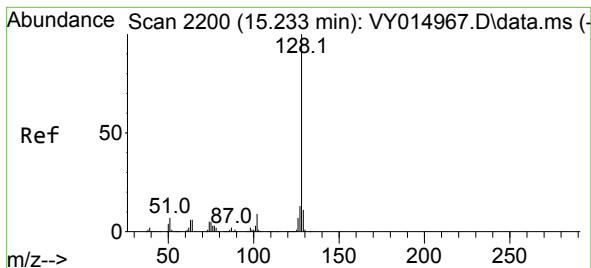
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 53.740 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

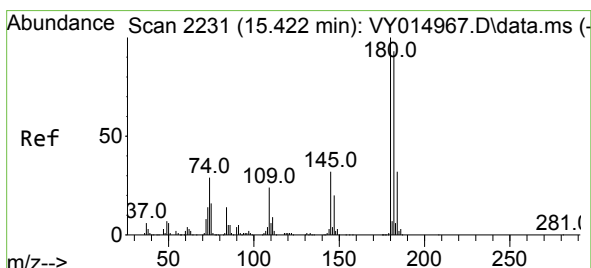
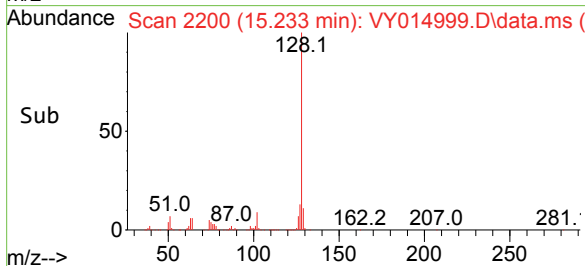
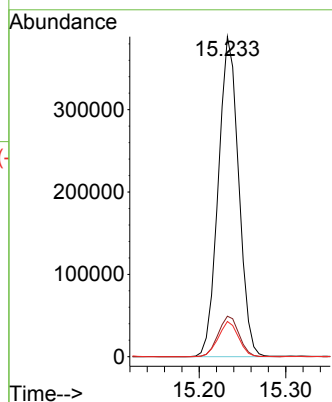
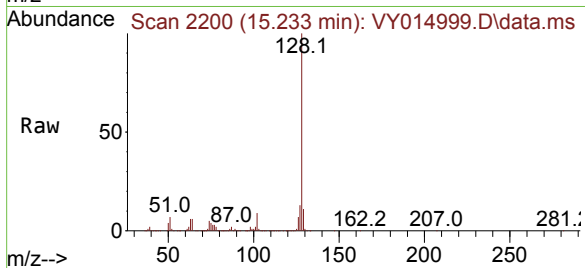
Tgt Ion:128 Resp: 635533

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: 51.004 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014999.D

Acq: 09 Aug 2023 11:30

Tgt Ion:180 Resp: 232038

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 33.6 15.4 46.2

