

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014786.D
 Acq On : 24 Jul 2023 20:38
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 25 01:33:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	209710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124946	52.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.560%
35) Dibromofluoromethane	7.716	113	113116	49.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	405876	48.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.477	95	151570	46.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	63411	37.114	ug/l	99
3) Chloromethane	2.107	50	99533	51.825	ug/l	99
4) Vinyl Chloride	2.247	62	112121	52.236	ug/l	98
5) Bromomethane	2.637	94	79776	56.241	ug/l	100
6) Chloroethane	2.784	64	74785	55.778	ug/l	99
7) Trichlorofluoromethane	3.119	101	161058	44.677	ug/l	99
8) Diethyl Ether	3.521	74	64770	48.290	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	94177	42.622	ug/l	96
10) Methyl Iodide	4.082	142	104538	44.885	ug/l	97
11) Tert butyl alcohol	4.954	59	126913	258.369	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	90620	43.882	ug/l	91
13) Acrolein	3.722	56	47463	190.024	ug/l	98
14) Allyl chloride	4.472	41	153134	41.763	ug/l	96
15) Acrylonitrile	5.155	53	210475	284.567	ug/l	99
16) Acetone	3.948	43	175320	231.514	ug/l	95
17) Carbon Disulfide	4.186	76	237428	40.158	ug/l	99
18) Methyl Acetate	4.478	43	178695	61.490	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	340430	50.748	ug/l	99
20) Methylene Chloride	4.710	84	134498	55.103	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	106483	45.436	ug/l	99
22) Diisopropyl ether	6.118	45	353141	47.371	ug/l	90
23) Vinyl Acetate	6.057	43	1059483	237.491	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	197911	46.398	ug/l	98
25) 2-Butanone	6.984	43	300865	271.566	ug/l	95
26) 2,2-Dichloropropane	6.978	77	154092	37.905	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	130878	47.978	ug/l	93
28) Bromochloromethane	7.332	49	83951	45.698	ug/l	93
29) Tetrahydrofuran	7.344	42	200800	294.348	ug/l	91
30) Chloroform	7.502	83	211521	48.088	ug/l	97
31) Cyclohexane	7.783	56	149598	37.711	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	183393	46.325	ug/l	99
36) 1,1-Dichloropropene	7.917	75	147108	42.924	ug/l	100
37) Ethyl Acetate	7.069	43	125211	53.065	ug/l #	95
38) Carbon Tetrachloride	7.899	117	159171	43.936	ug/l	97
39) Methylcyclohexane	9.179	83	174138	39.001	ug/l	93
40) Benzene	8.155	78	440632	45.207	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	181055	149.179	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	148902	48.241	ug/l	94
43) Isopropyl Acetate	8.270	43	225348	50.135	ug/l	97
44) Trichloroethene	8.935	130	122811	45.033	ug/l	99
45) 1,2-Dichloropropane	9.215	63	114923	45.153	ug/l	99
46) Dibromomethane	9.301	93	76280	49.403	ug/l	96
47) Bromodichloromethane	9.496	83	170698	46.906	ug/l	99
48) Methyl methacrylate	9.289	41	102788	50.821	ug/l	94
49) 1,4-Dioxane	9.295	88	30261	1201.941	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	666550	282.439	ug/l	94
52) Toluene	10.240	92	286837	45.989	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	176370	44.307	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	188990	43.659	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	107481	49.973	ug/l	98
56) Ethyl methacrylate	10.508	69	164786	50.180	ug/l	91
57) 1,3-Dichloropropane	10.788	76	181787	49.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	408455	266.946	ug/l	94
59) 2-Hexanone	10.831	43	486321	282.577	ug/l	92
60) Dibromochloromethane	10.983	129	131046	49.695	ug/l	99
61) 1,2-Dibromoethane	11.087	107	107658	50.176	ug/l	99
64) Tetrachloroethene	10.715	164	130601	49.468	ug/l	97
65) Chlorobenzene	11.514	112	318010	45.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123914	46.981	ug/l	99
67) Ethyl Benzene	11.587	91	556502	44.062	ug/l	99
68) m/p-Xylenes	11.703	106	428844	88.950	ug/l	96
69) o-Xylene	12.026	106	211717	45.086	ug/l	98
70) Styrene	12.044	104	359834	45.465	ug/l	98
71) Bromoform	12.203	173	90387	50.558	ug/l #	98
73) Isopropylbenzene	12.325	105	549249	42.265	ug/l	100
74) N-amyl acetate	12.142	43	198175	45.533	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	142050	47.933	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	183094	87.349	ug/l #	100
77) Bromobenzene	12.605	156	134434	45.319	ug/l	96
78) n-propylbenzene	12.666	91	657569	41.992	ug/l	100
79) 2-Chlorotoluene	12.751	91	379692	42.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	465346	42.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	45252	41.799	ug/l	96
82) 4-Chlorotoluene	12.849	91	392318	42.234	ug/l	100
83) tert-Butylbenzene	13.074	119	407901	42.369	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	460048	43.193	ug/l	99
85) sec-Butylbenzene	13.251	105	595905	42.195	ug/l	100
86) p-Isopropyltoluene	13.367	119	493214	42.774	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	261053	45.217	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	259241	44.810	ug/l	99
89) n-Butylbenzene	13.696	91	462434	41.222	ug/l	97
90) Hexachloroethane	13.958	117	100495	42.432	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	244821	46.284	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28270	49.882	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	152288	45.354	ug/l	99
94) Hexachlorobutadiene	15.111	225	78160	42.359	ug/l	98
95) Naphthalene	15.233	128	396945	50.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	139499	46.746	ug/l	99

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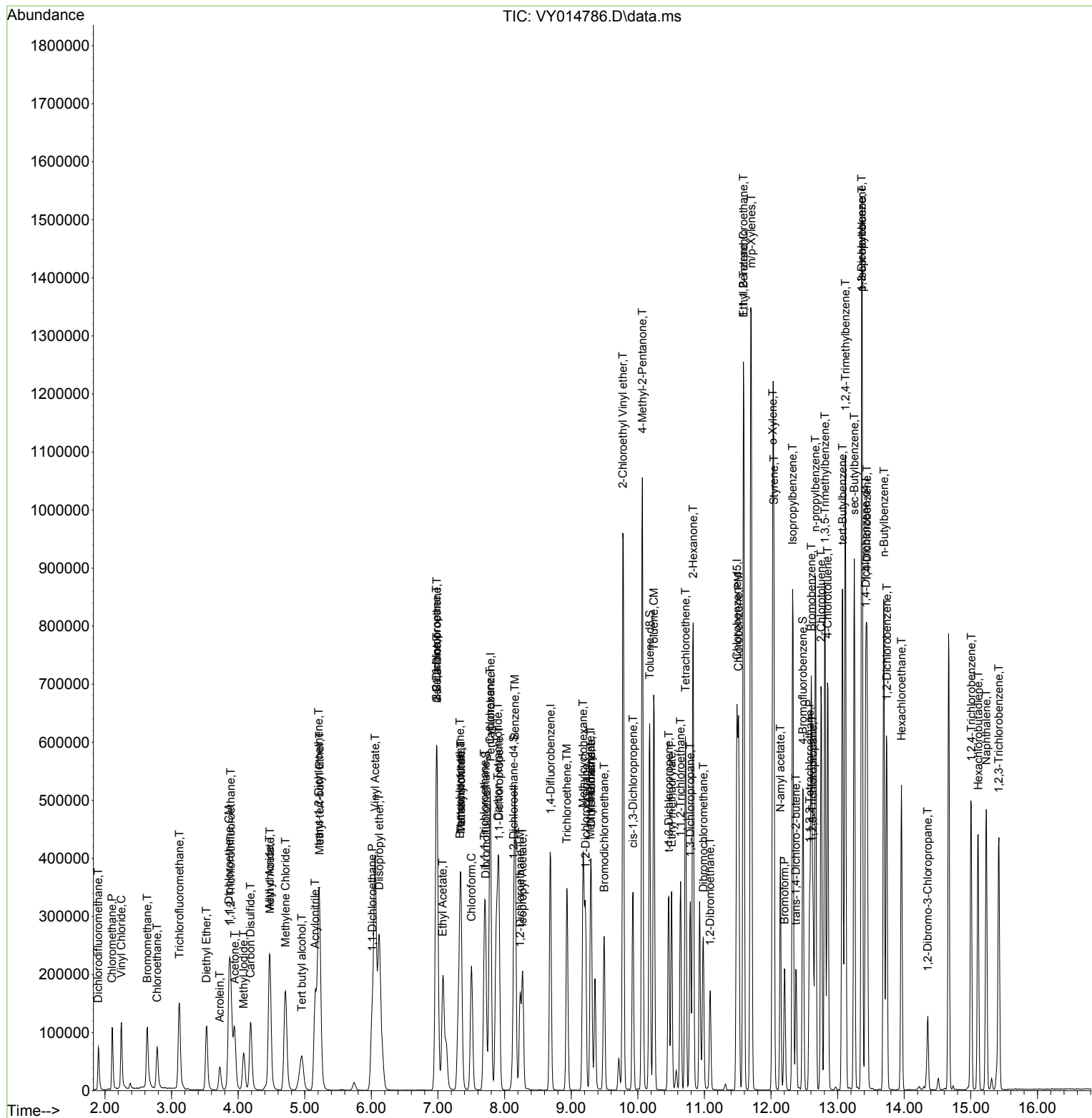
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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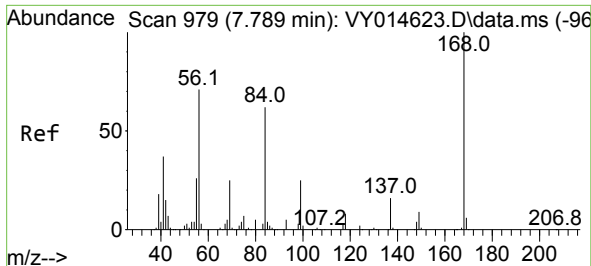
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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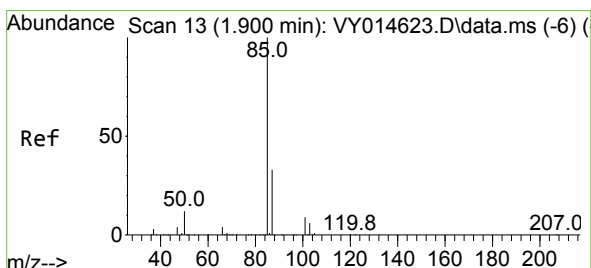
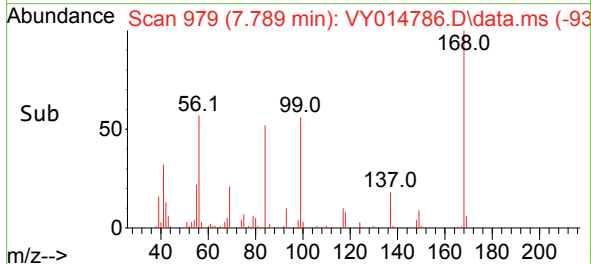
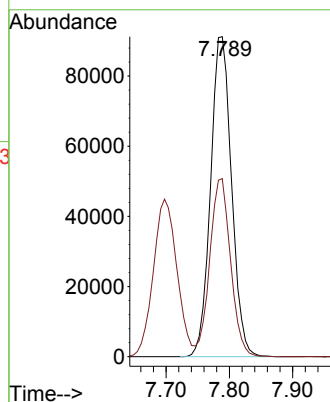
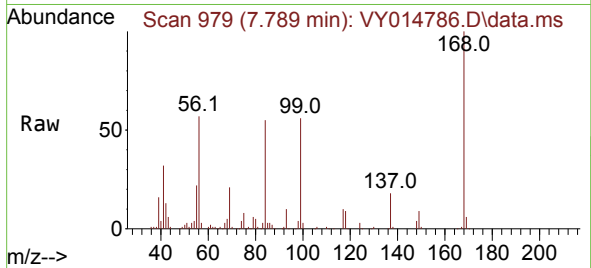




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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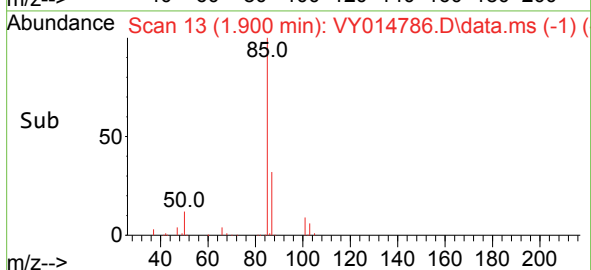
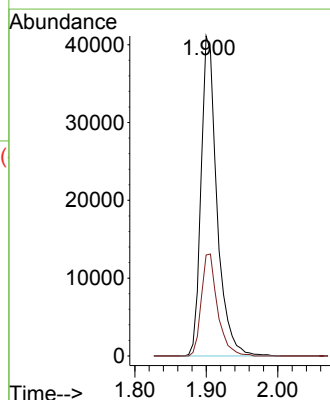
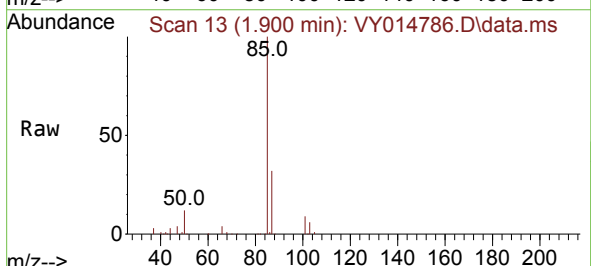
Instrument :
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ClientSampleId :
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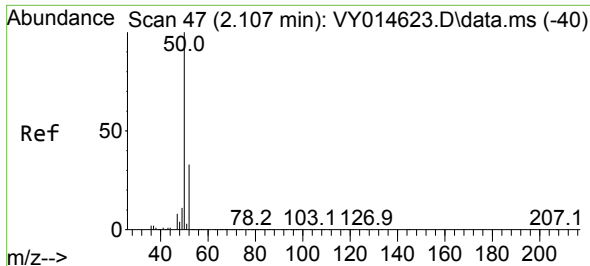
Tgt Ion:168 Resp: 209710
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 37.114 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 85 Resp: 63411
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

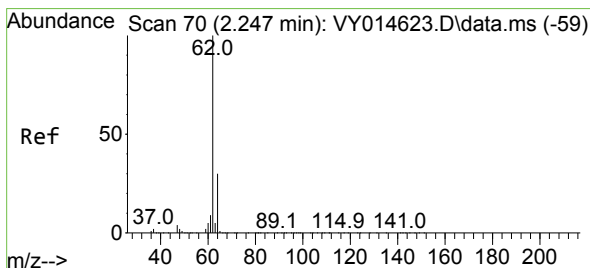
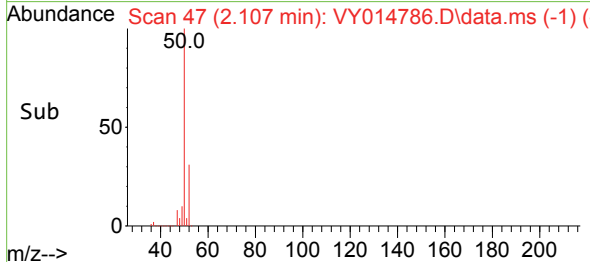
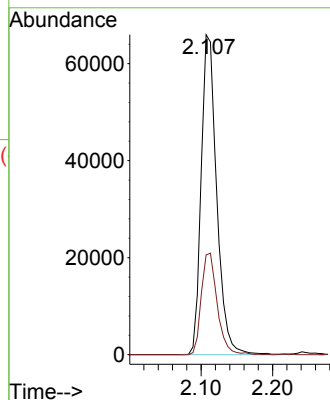
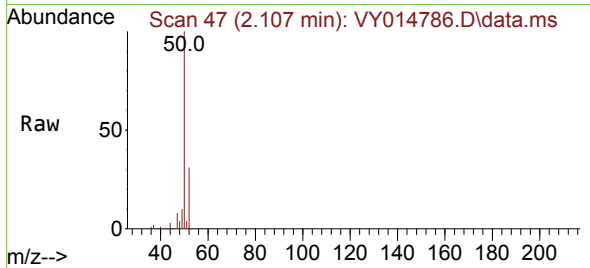




#3
Chloromethane
Concen: 51.825 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014786.D
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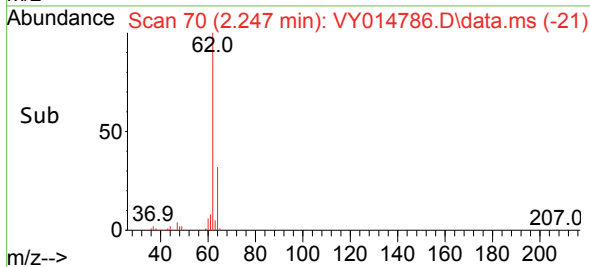
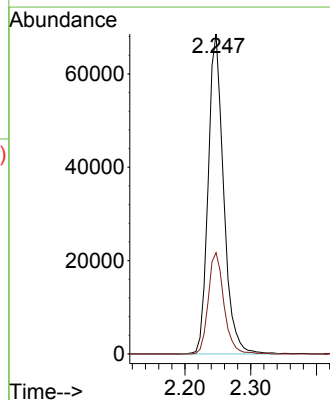
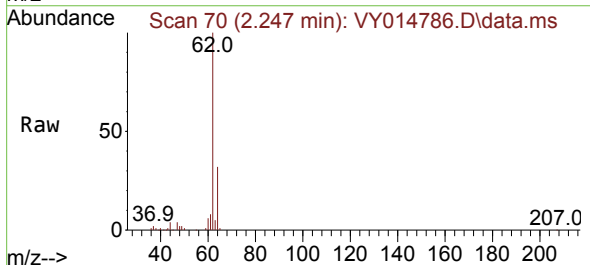
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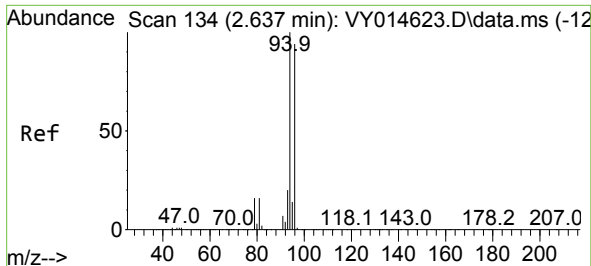
Tgt Ion: 50 Resp: 99533
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2



#4
Vinyl Chloride
Concen: 52.236 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 62 Resp: 112121
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

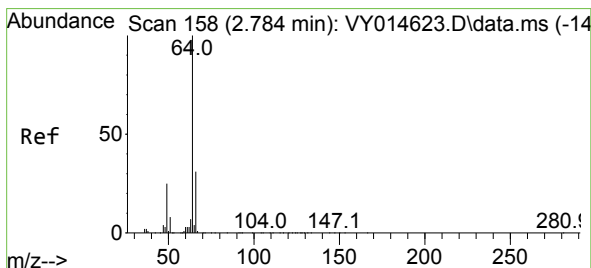
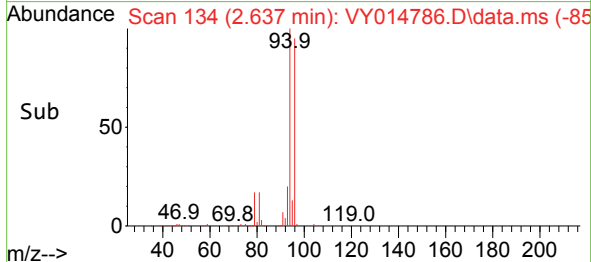
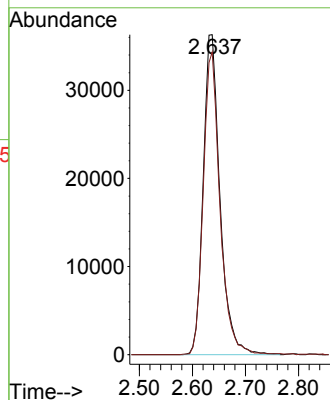
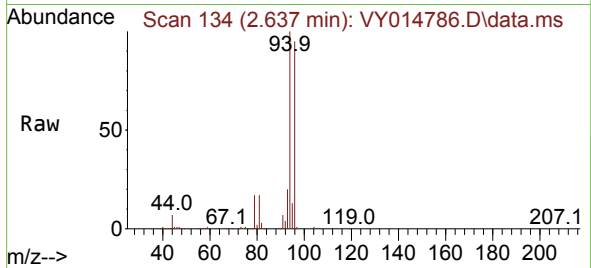




#5
Bromomethane
Concen: 56.241 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014786.D
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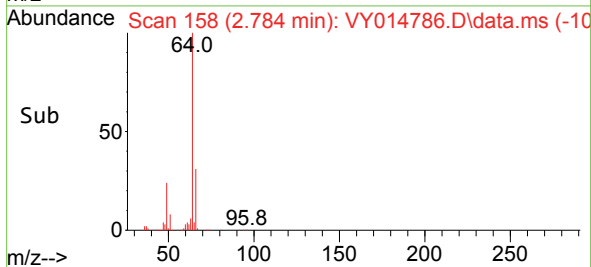
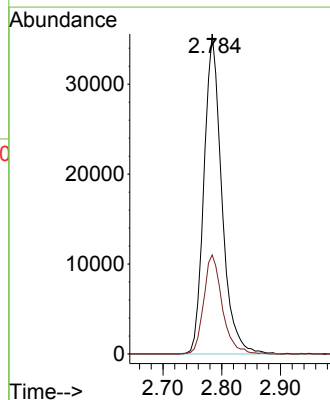
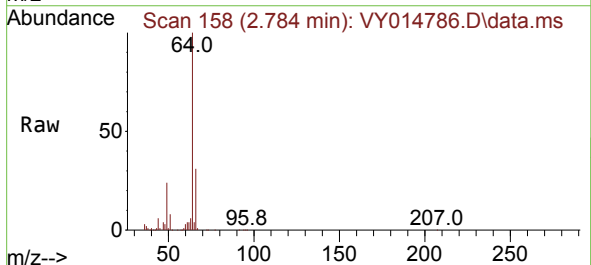
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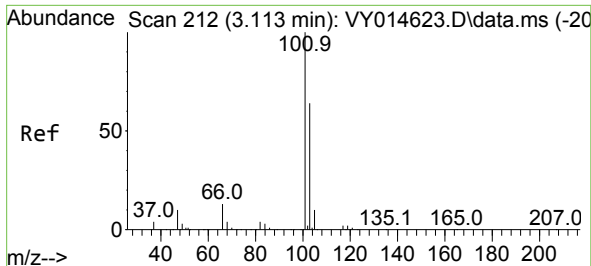
Tgt Ion: 94 Resp: 79776
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



#6
Chloroethane
Concen: 55.778 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014786.D
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Tgt Ion: 64 Resp: 74785
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6

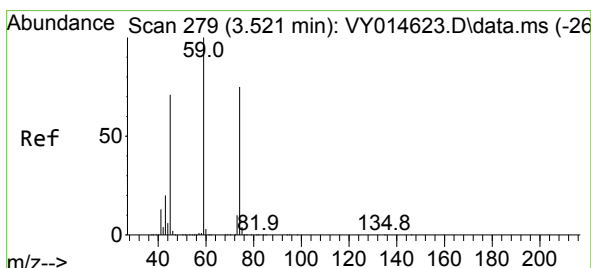
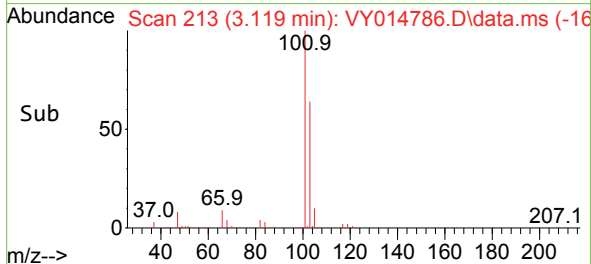
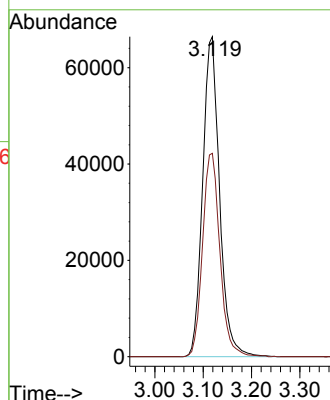
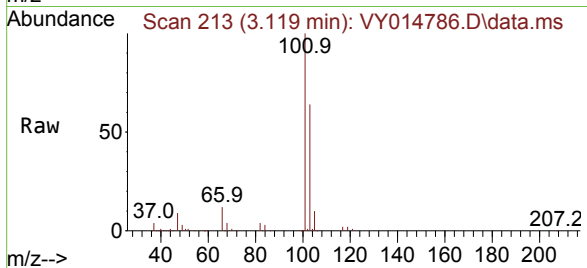




#7
 Trichlorofluoromethane
 Concen: 44.677 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

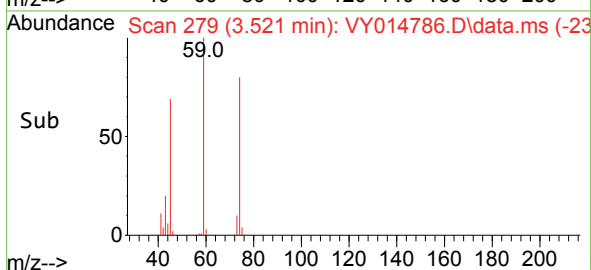
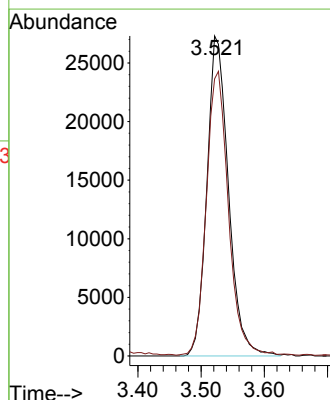
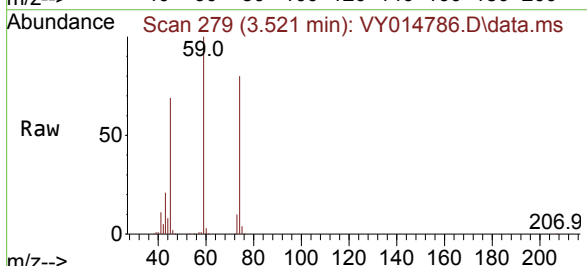
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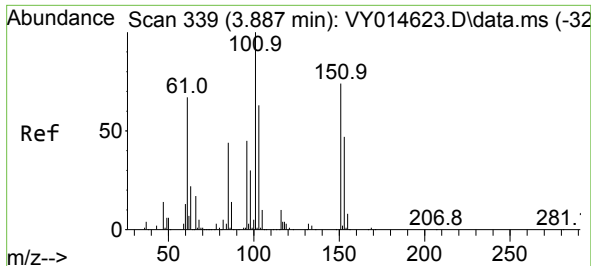
Tgt Ion: 101 Resp: 161058
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.290 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 64770
 Ion Ratio Lower Upper
 74 100
 45 90.5 51.5 154.5

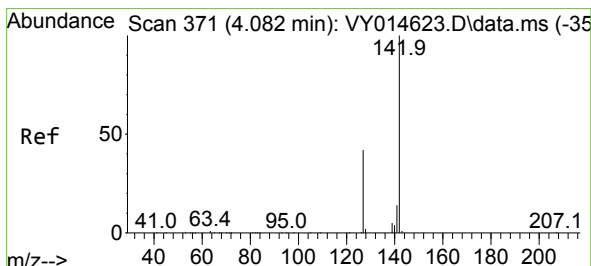
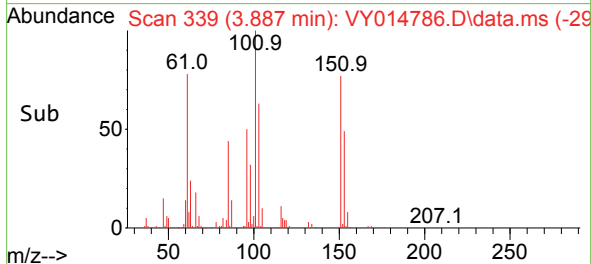
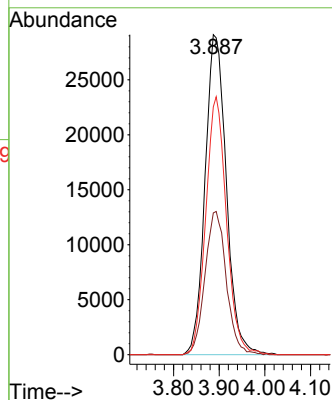
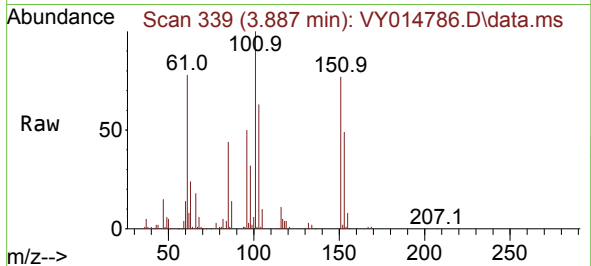




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.622 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

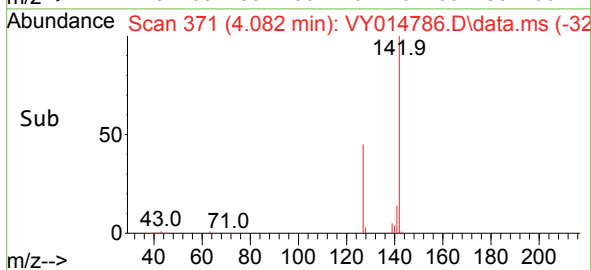
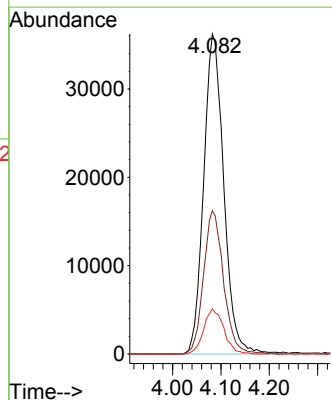
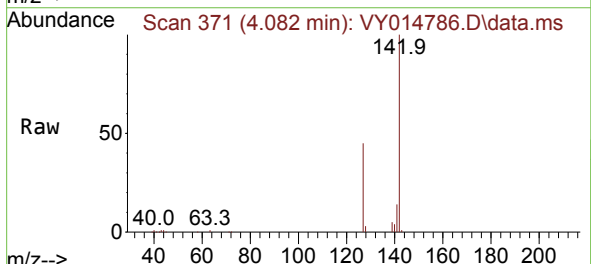
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

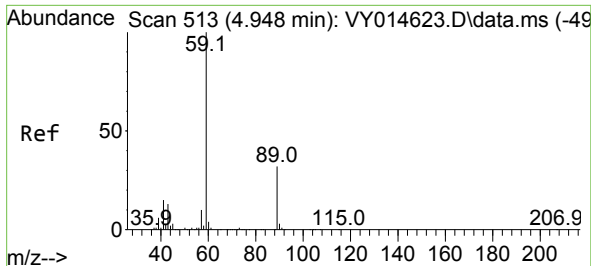
Tgt Ion:101 Resp: 94177
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 44.885 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion:142 Resp: 104538
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.1 11.8 17.8

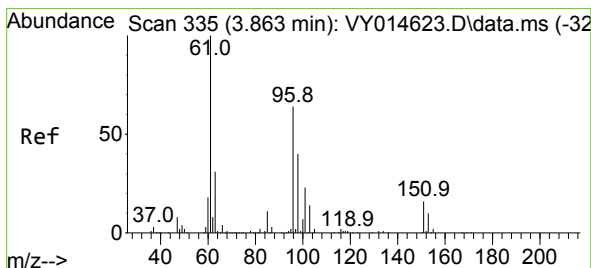
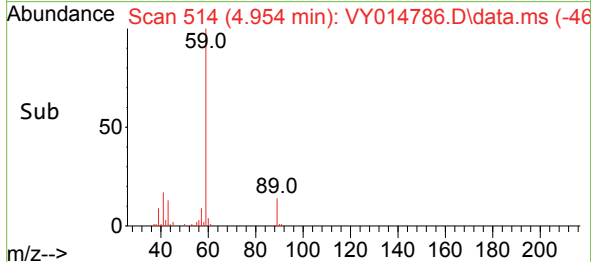
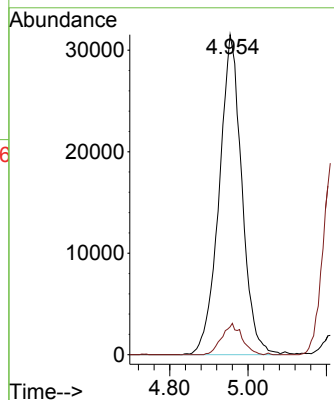
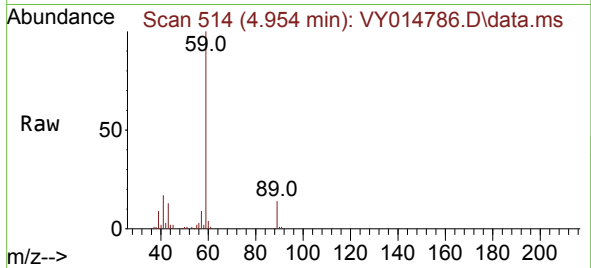




#11
Tert butyl alcohol
Concen: 258.369 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

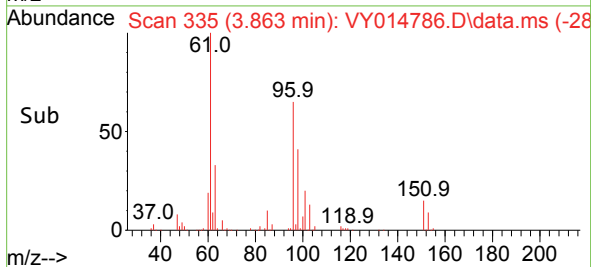
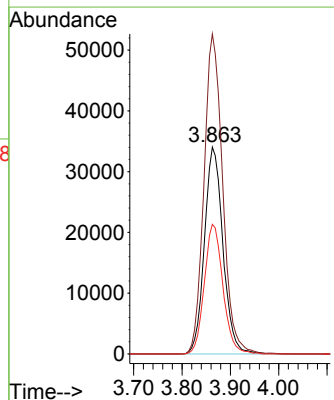
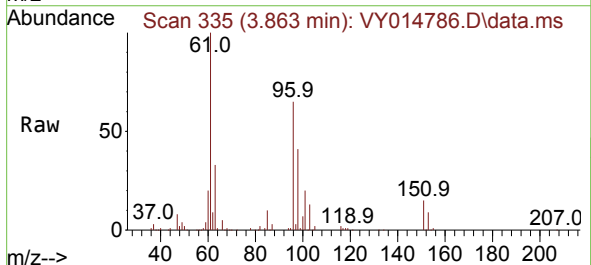
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

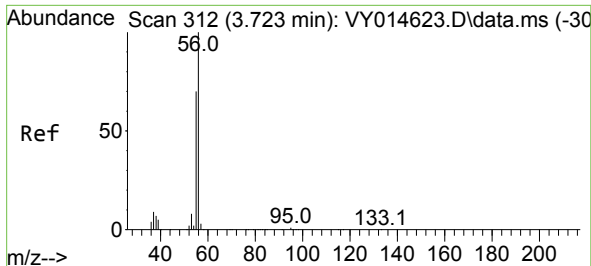
Tgt Ion: 59 Resp: 126913
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 43.882 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 96 Resp: 90620
Ion Ratio Lower Upper
96 100
61 154.7 136.4 204.6
98 62.7 49.4 74.2





#13

Acrolein

Concen: 190.024 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

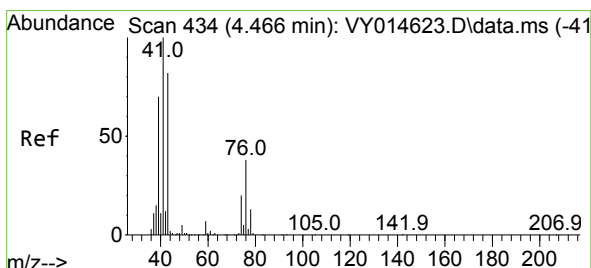
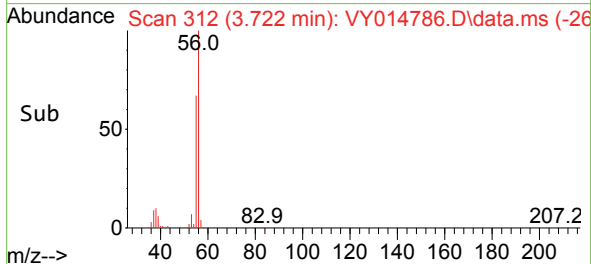
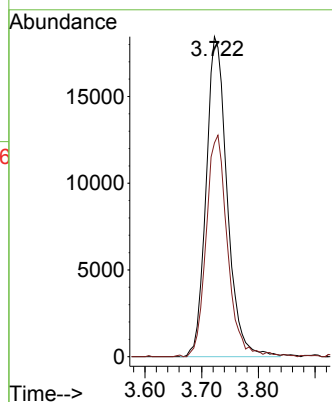
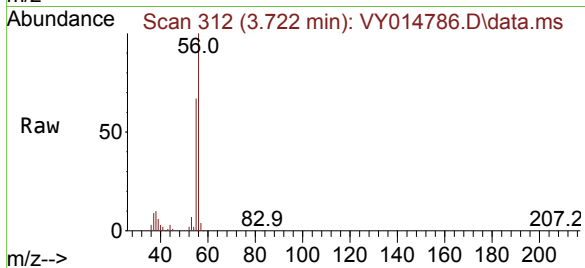
VSTDCCC050EC

Tgt Ion: 56 Resp: 47463

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 41.763 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

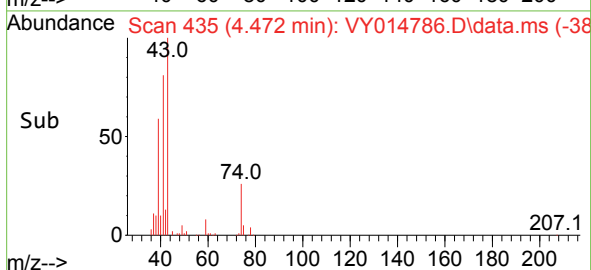
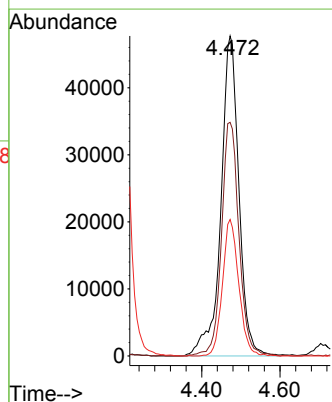
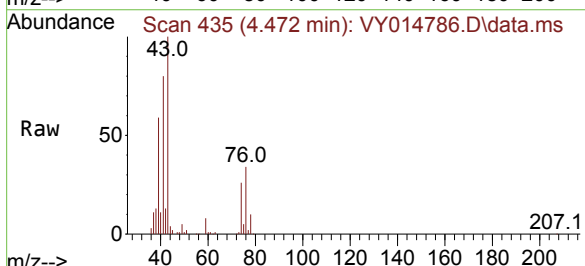
Tgt Ion: 41 Resp: 153134

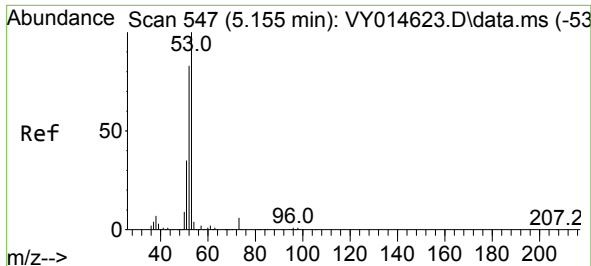
Ion Ratio Lower Upper

41 100

39 70.6 58.0 87.0

76 38.6 27.4 41.2

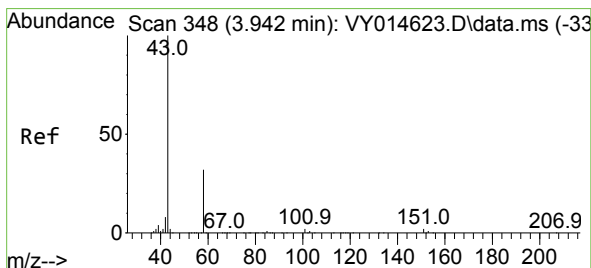
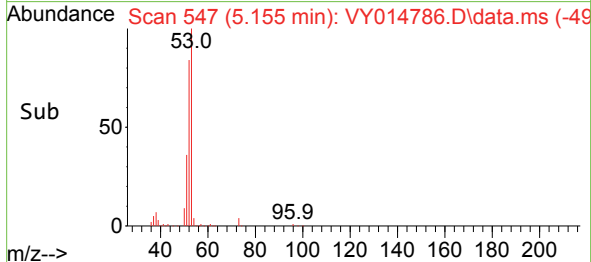
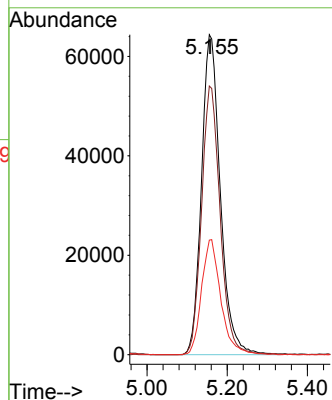
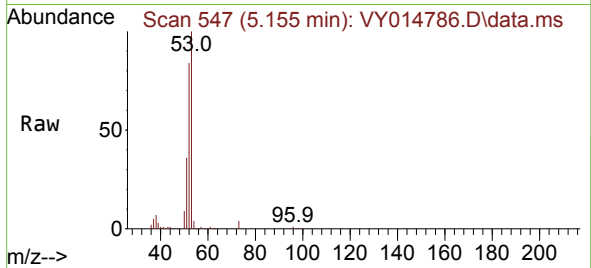




#15
Acrylonitrile
Concen: 284.567 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

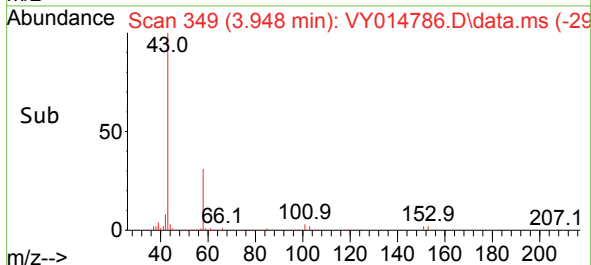
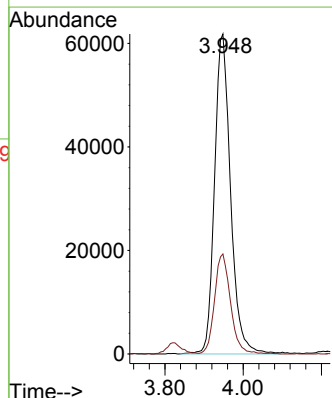
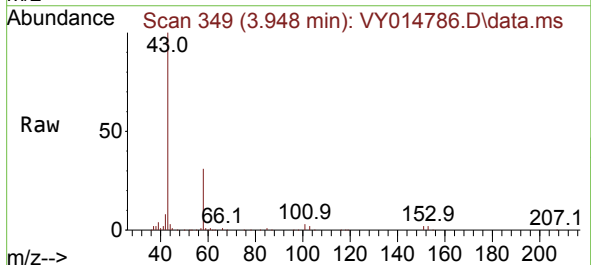
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

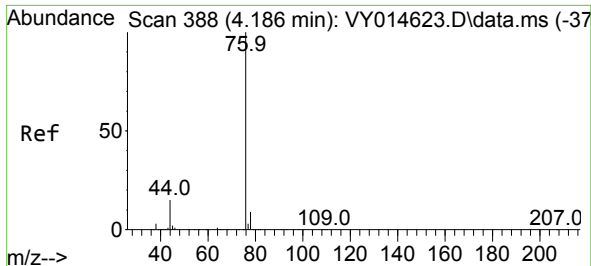
Tgt Ion: 53 Resp: 210475
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.8 29.8 44.6



#16
Acetone
Concen: 231.514 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 43 Resp: 175320
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

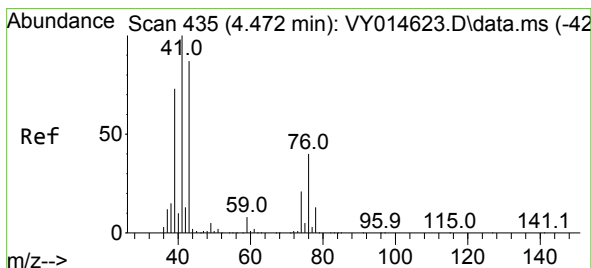
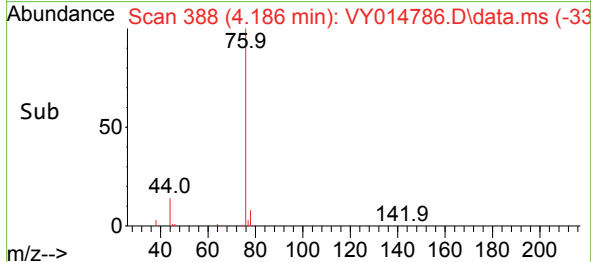
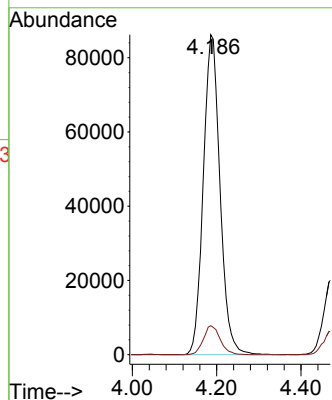
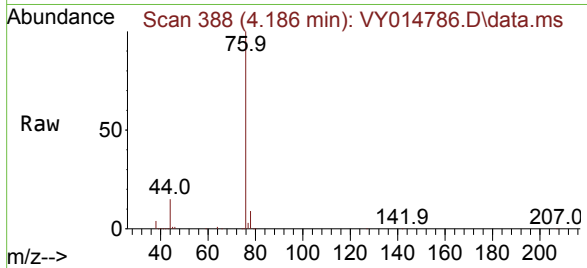




#17
Carbon Disulfide
Concen: 40.158 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

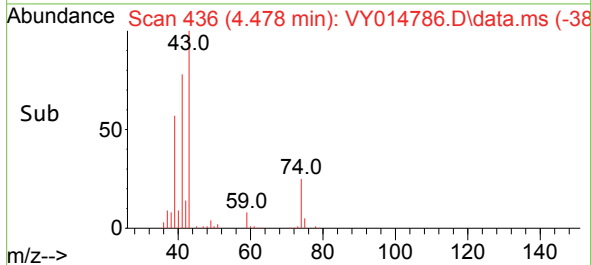
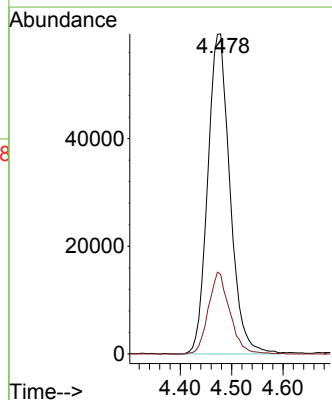
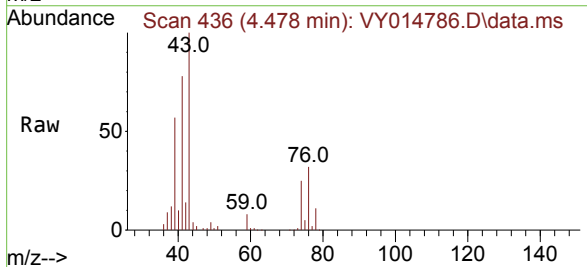
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

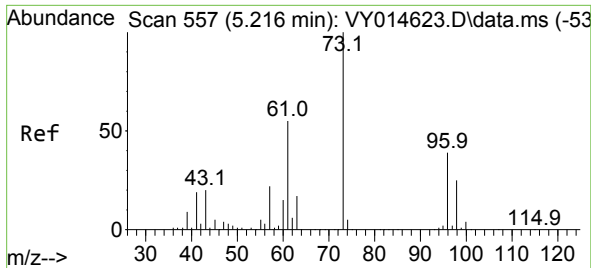
Tgt Ion: 76 Resp: 237428
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 61.490 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 43 Resp: 178695
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

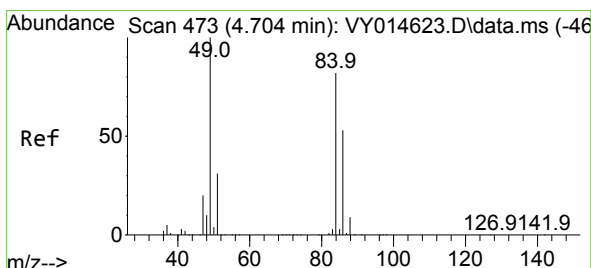
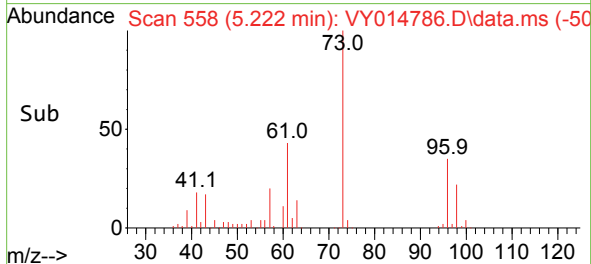
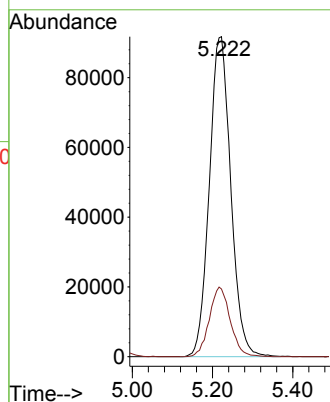
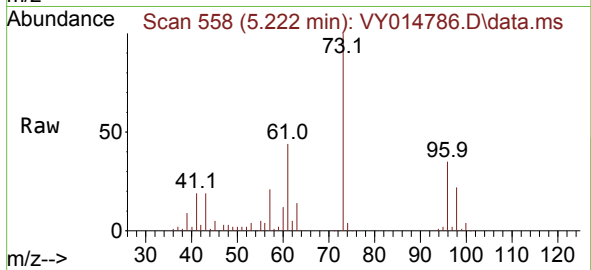




#19
Methyl tert-butyl Ether
Concen: 50.748 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

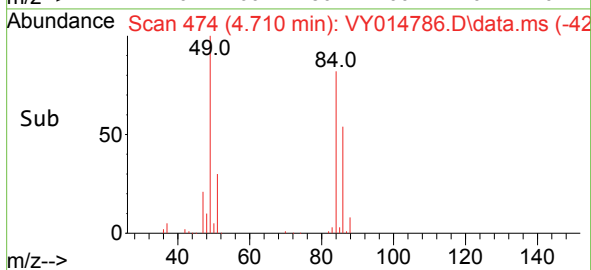
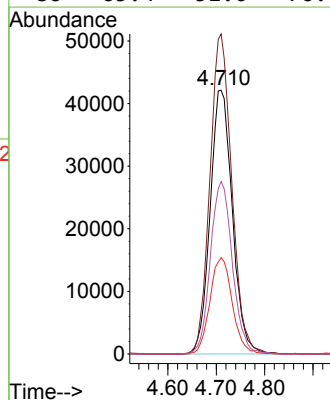
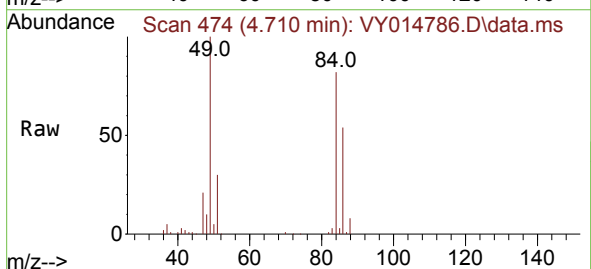
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

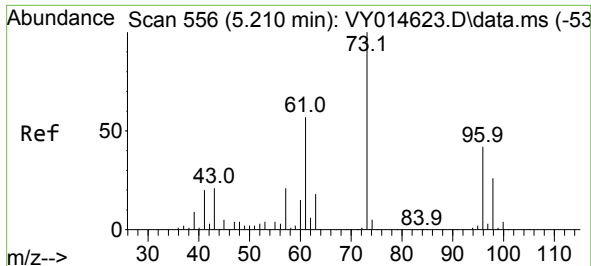
Tgt Ion: 73 Resp: 340430
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 55.103 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 84 Resp: 134498
Ion Ratio Lower Upper
84 100
49 121.4 106.9 160.3
51 36.6 33.2 49.8
86 65.4 51.0 76.6

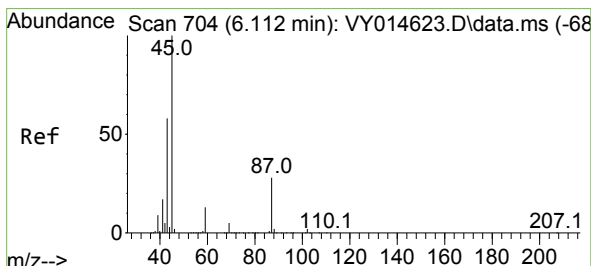
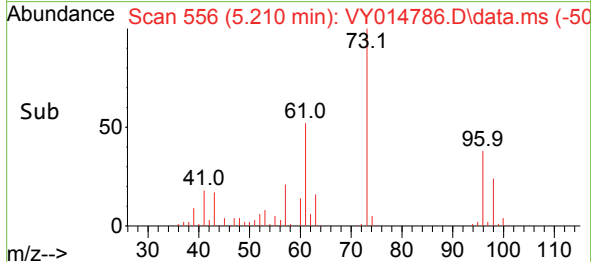
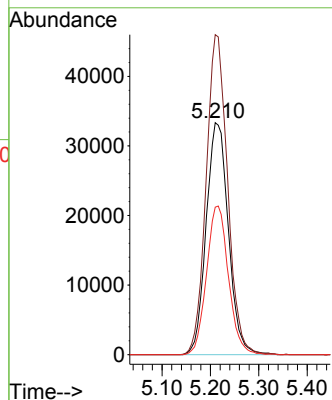
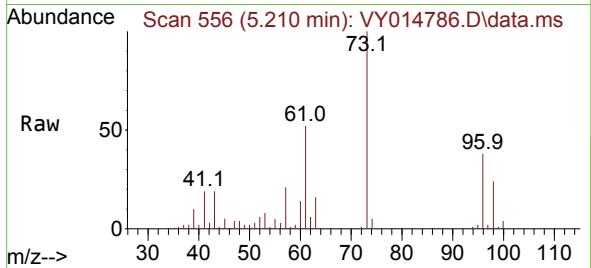




#21
trans-1,2-Dichloroethene
Concen: 45.436 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

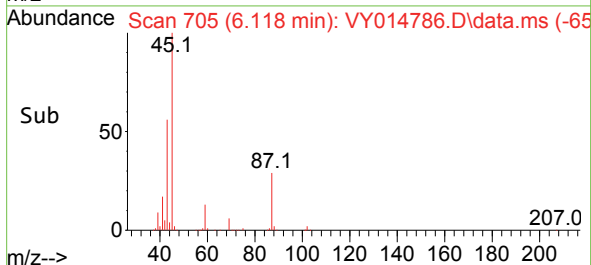
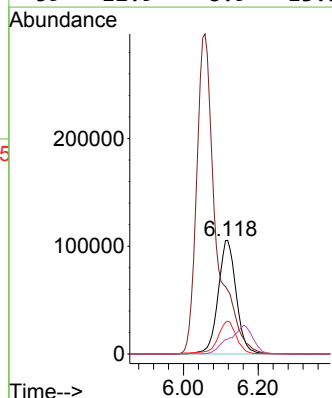
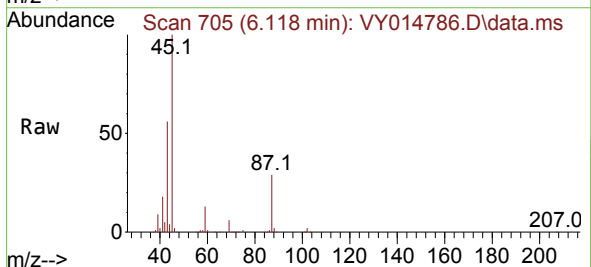
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

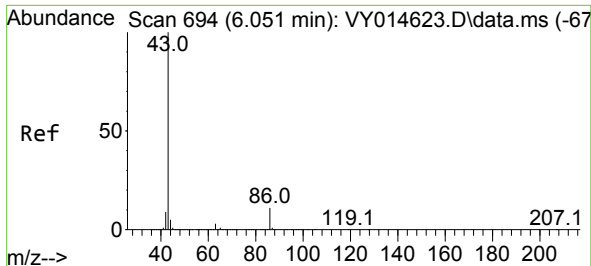
Tgt Ion: 96 Resp: 106483
Ion Ratio Lower Upper
96 100
61 137.9 110.2 165.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 47.371 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 45 Resp: 353141
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 28.9 21.0 31.6
59 12.9 8.9 13.3

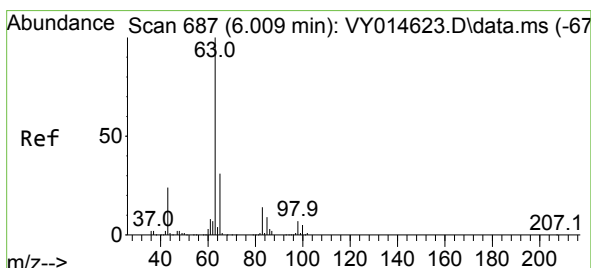
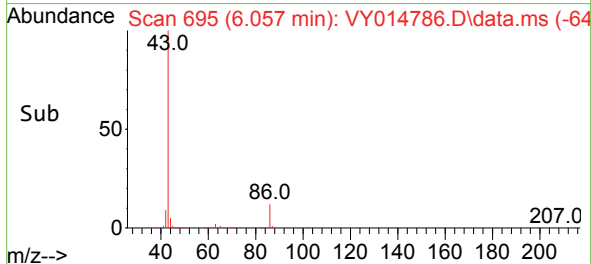
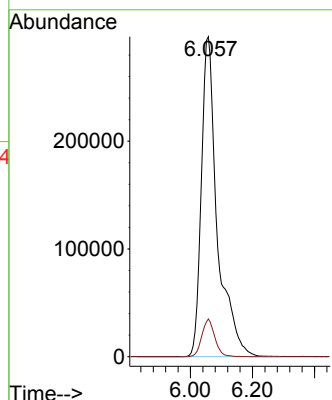
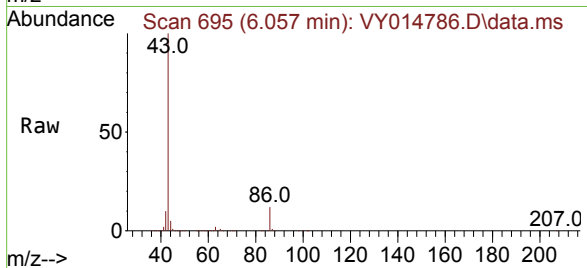




#23
 Vinyl Acetate
 Concen: 237.491 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

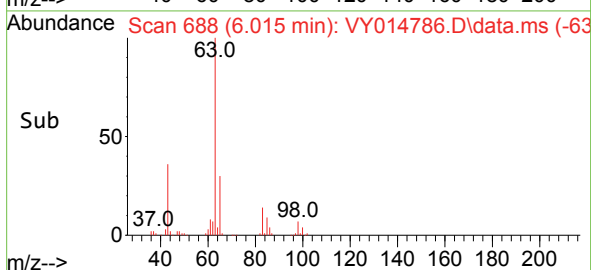
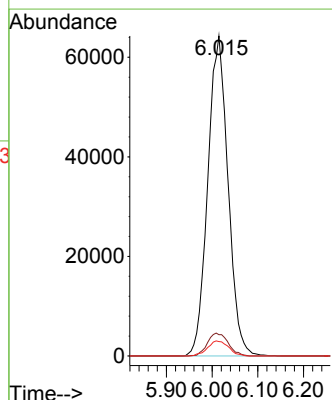
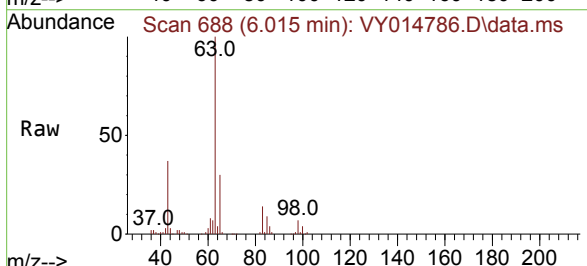
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

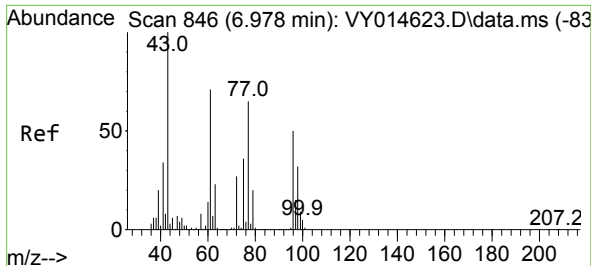
Tgt Ion: 43 Resp: 1059483
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.398 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

Tgt Ion: 63 Resp: 197911
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.5 1.8 5.5

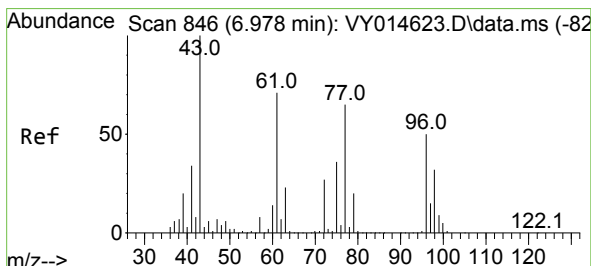
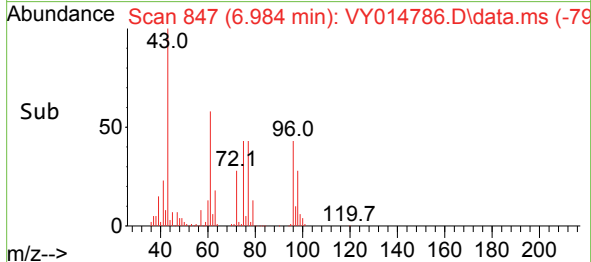
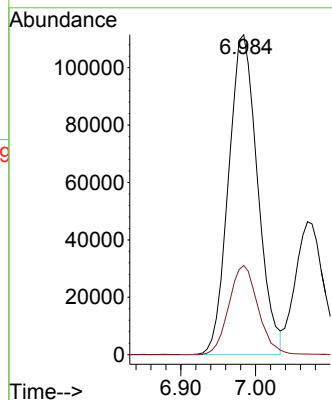
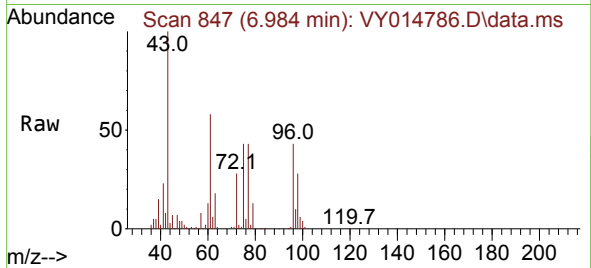




#25
2-Butanone
Concen: 271.566 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

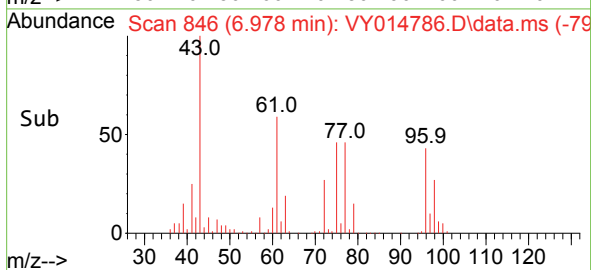
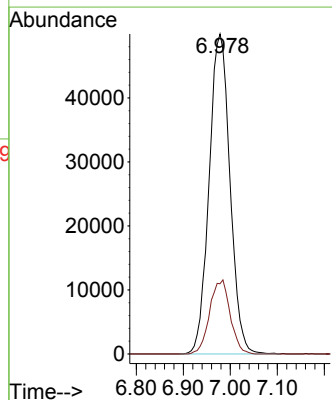
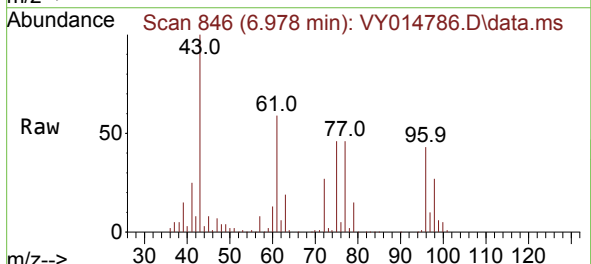
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

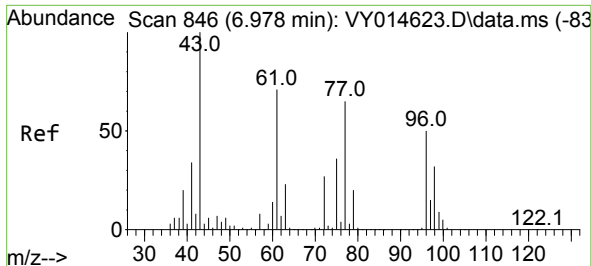
Tgt Ion: 43 Resp: 300865
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 37.905 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 77 Resp: 154092
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9

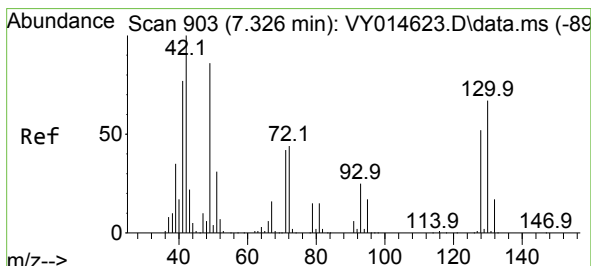
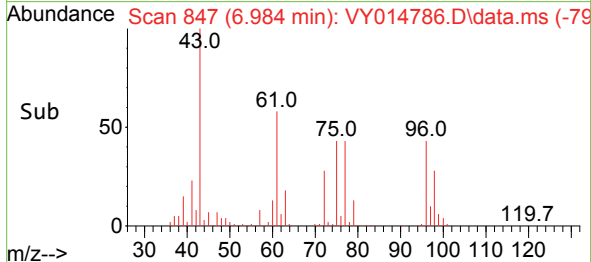
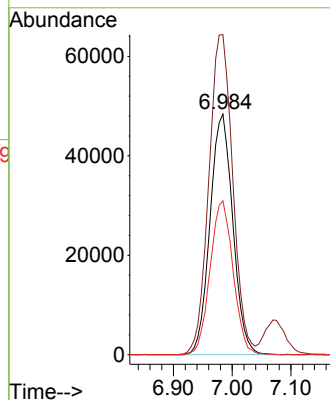
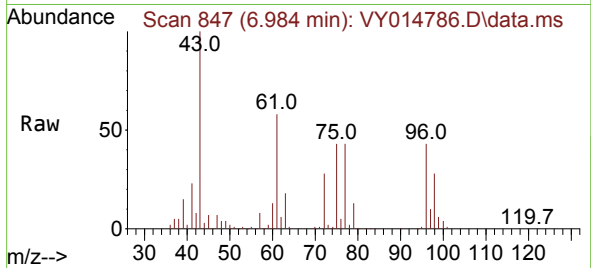




#27
cis-1,2-Dichloroethene
Concen: 47.978 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

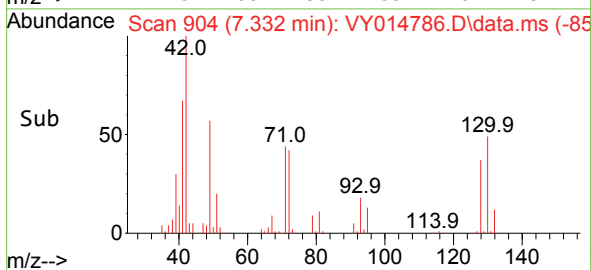
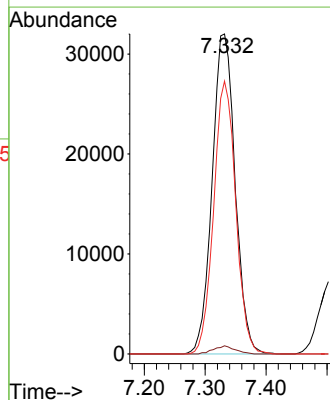
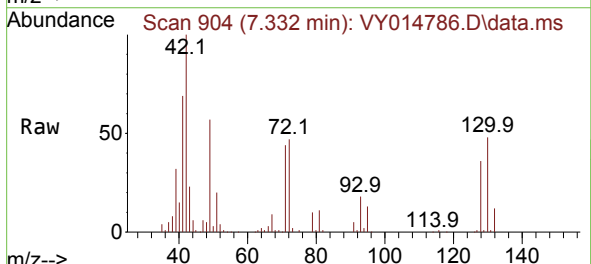
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

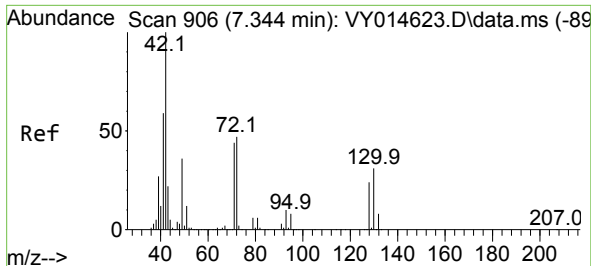
Tgt Ion: 96 Resp: 130878
Ion Ratio Lower Upper
96 100
61 138.9 0.0 301.4
98 64.3 0.0 130.4



#28
Bromochloromethane
Concen: 45.698 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 49 Resp: 83951
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 81.7 60.7 91.1

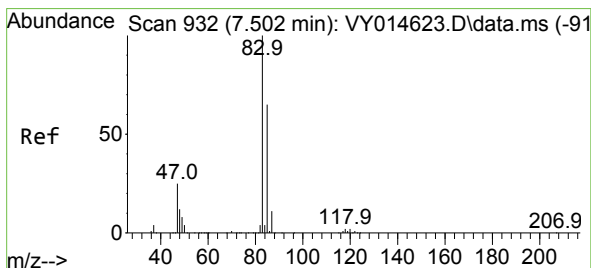
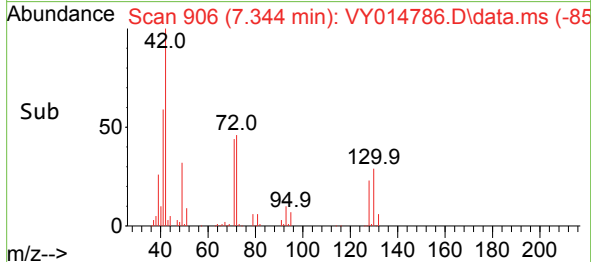
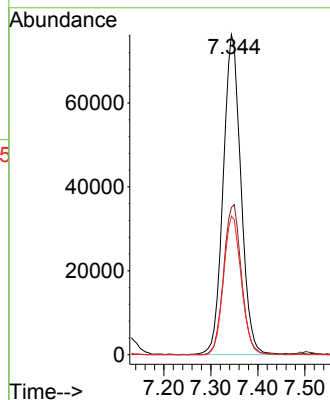
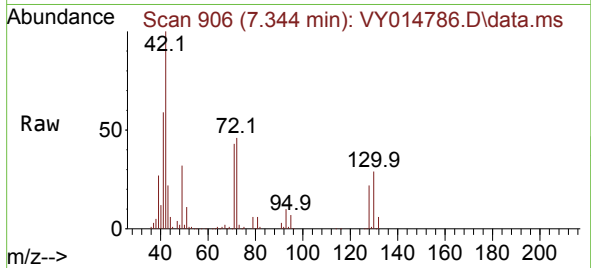




#29
Tetrahydrofuran
Concen: 294.348 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

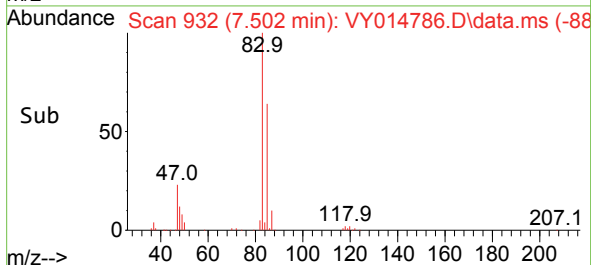
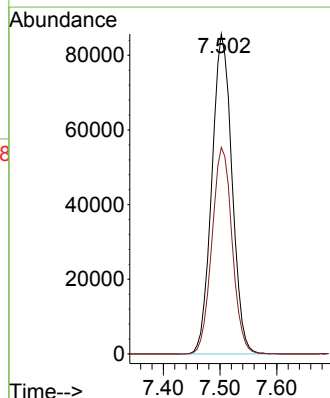
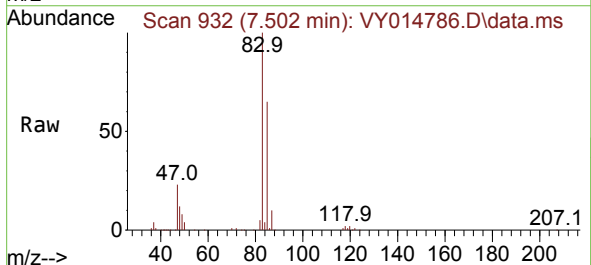
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

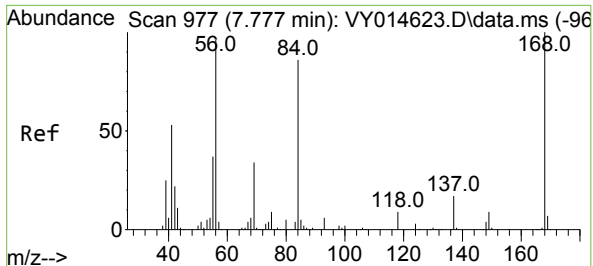
Tgt Ion: 42 Resp: 200800
Ion Ratio Lower Upper
42 100
72 47.1 32.8 49.2
71 43.4 31.0 46.4



#30
Chloroform
Concen: 48.088 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 83 Resp: 211521
Ion Ratio Lower Upper
83 100
85 64.5 49.7 74.5

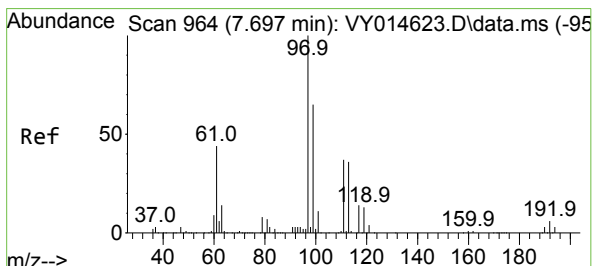
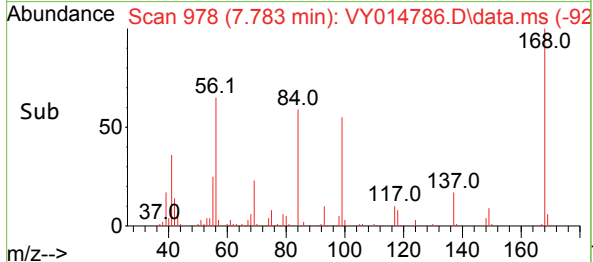
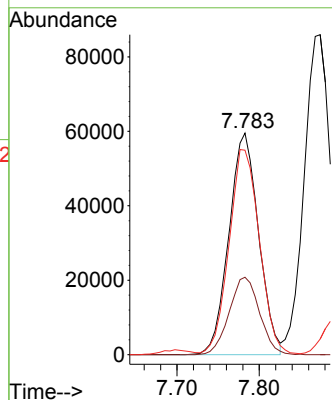
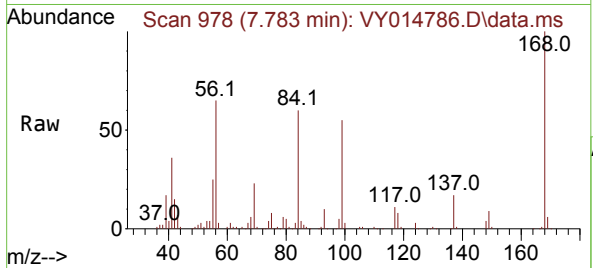




#31
Cyclohexane
Concen: 37.711 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

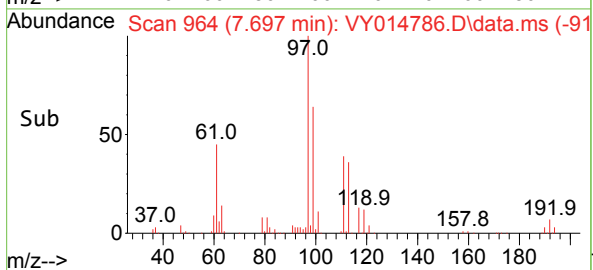
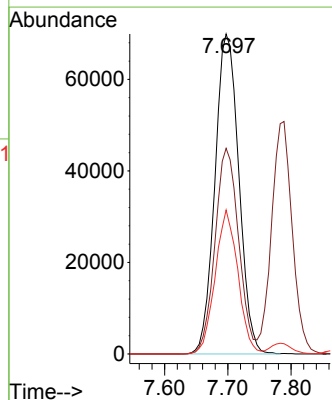
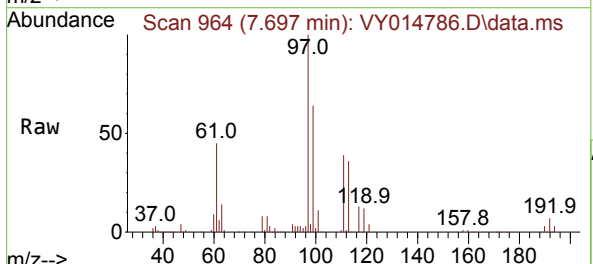
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

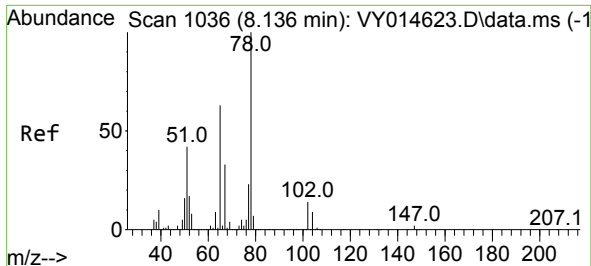
Tgt Ion: 56 Resp: 149598
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 90.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.325 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 97 Resp: 183393
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.8 35.1 52.7

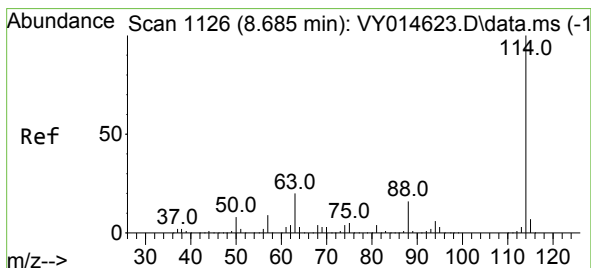
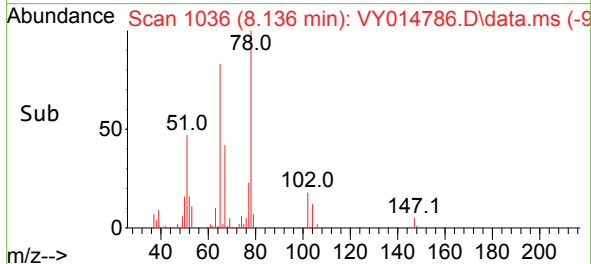
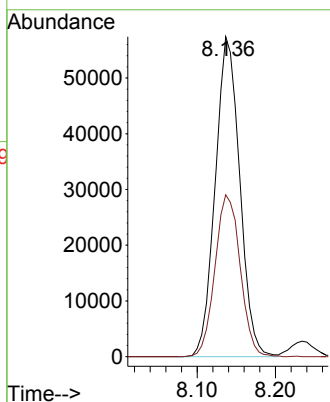
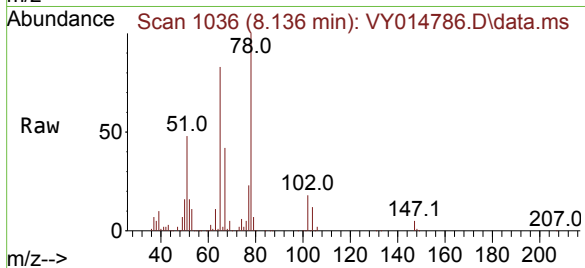




#33
 1,2-Dichloroethane-d4
 Concen: 52.285 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

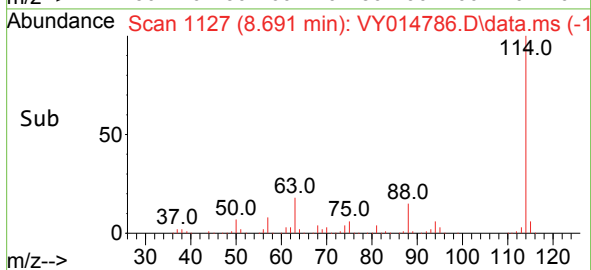
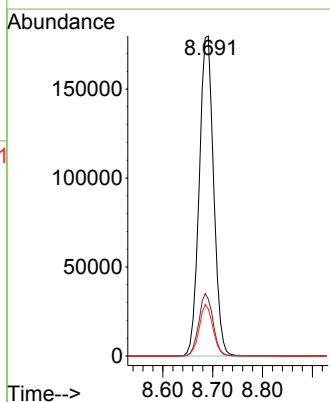
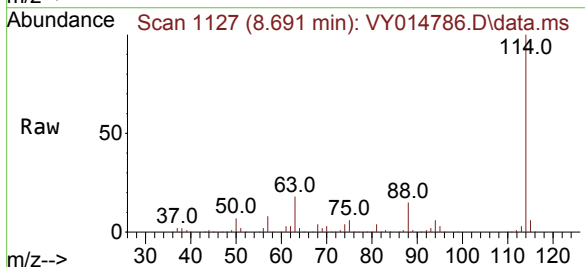
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

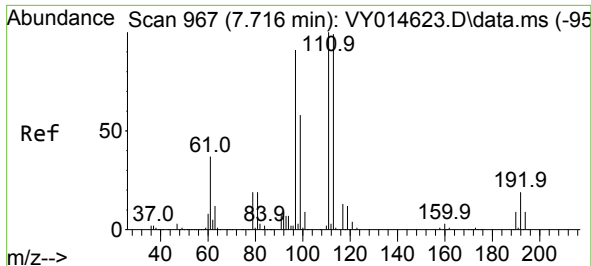
Tgt Ion: 65 Resp: 124946
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

Tgt Ion: 114 Resp: 360004
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 42.4
 88 14.7 0.0 30.6

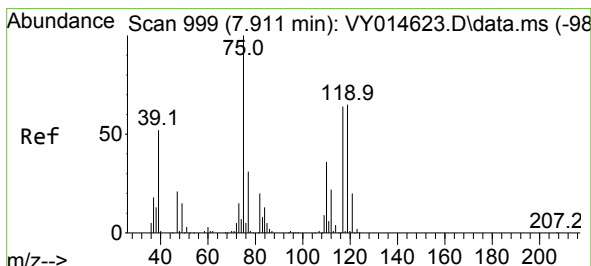
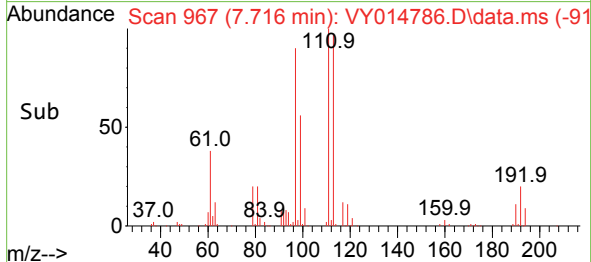
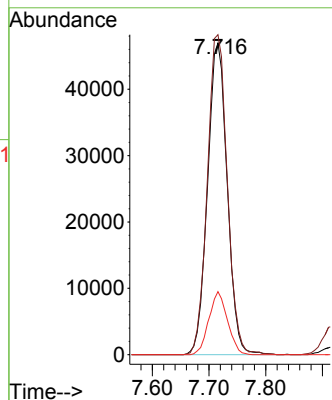
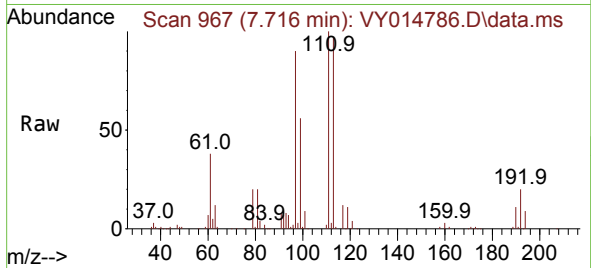




#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

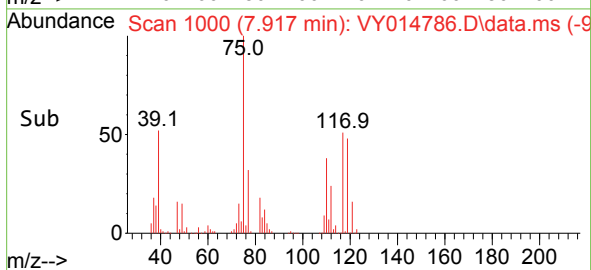
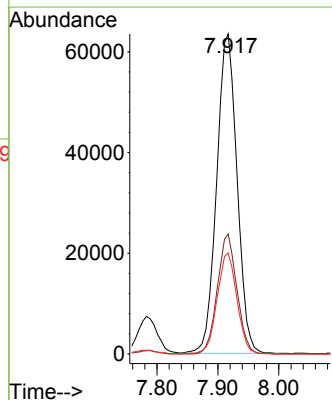
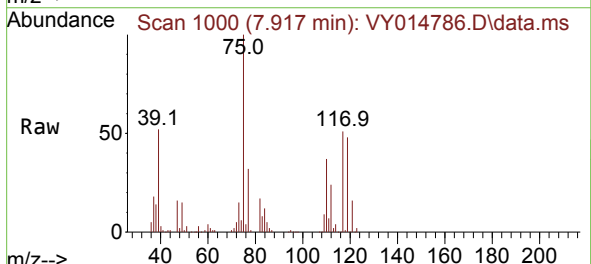
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

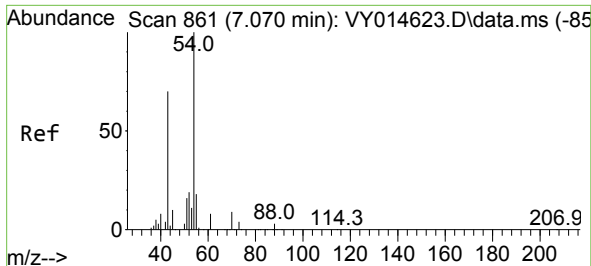
Tgt Ion:113 Resp: 113116
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 42.924 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 75 Resp: 147108
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 53.065 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

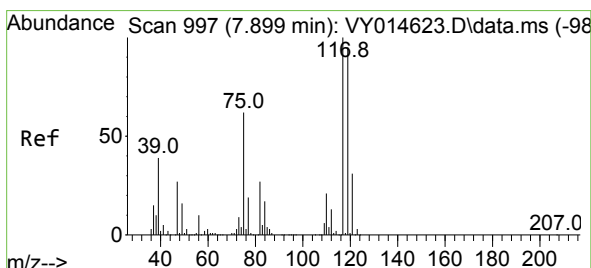
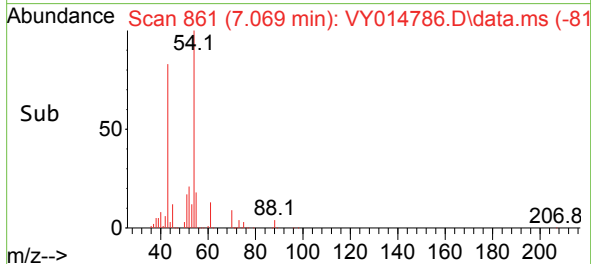
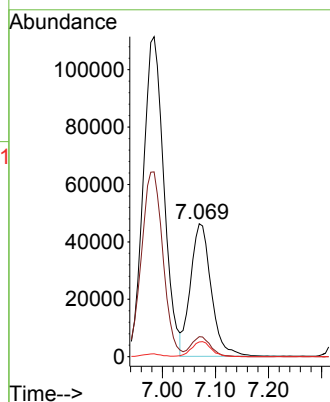
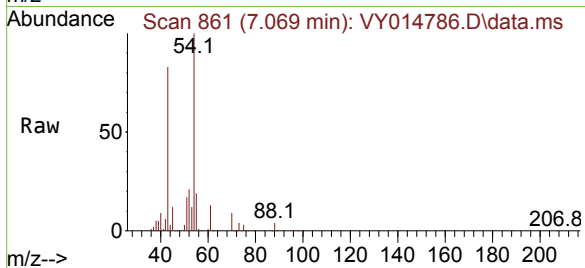
Tgt Ion: 43 Resp: 125211

Ion Ratio Lower Upper

43 100

61 14.3 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 43.936 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

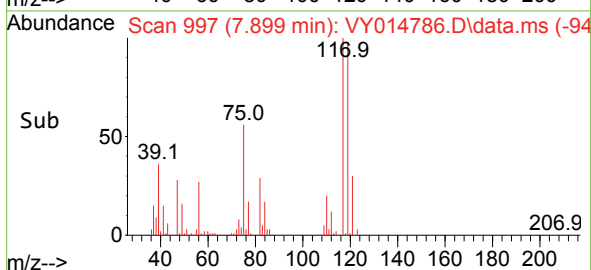
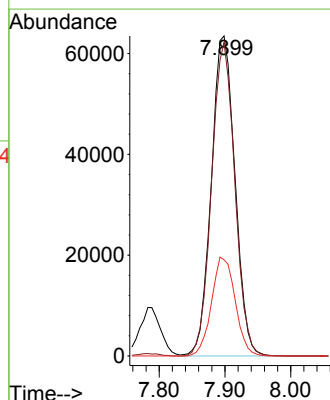
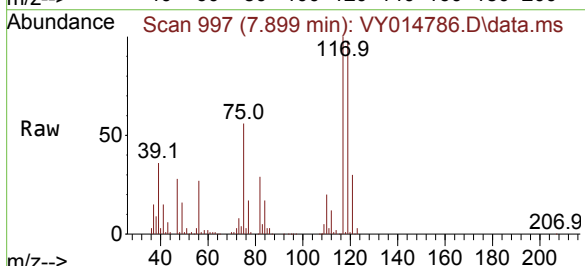
Tgt Ion: 117 Resp: 159171

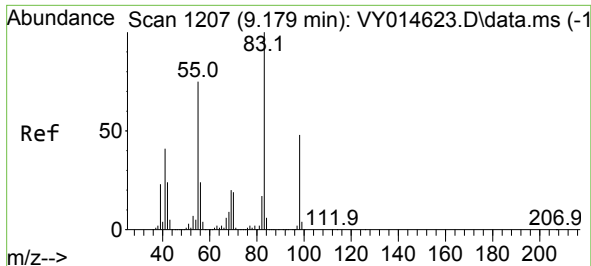
Ion Ratio Lower Upper

117 100

119 97.9 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 39.001 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

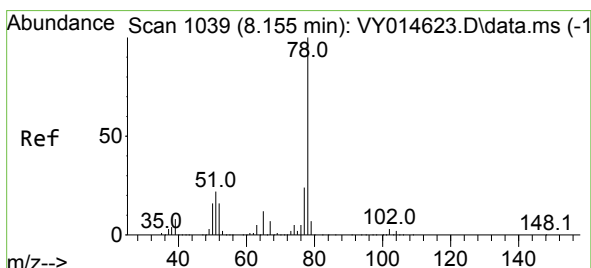
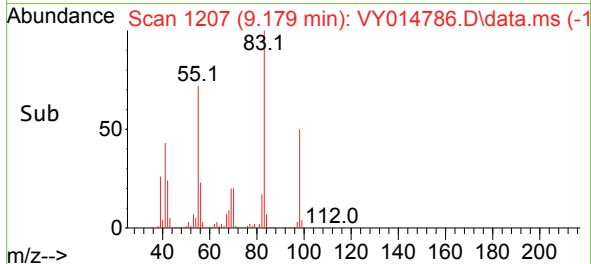
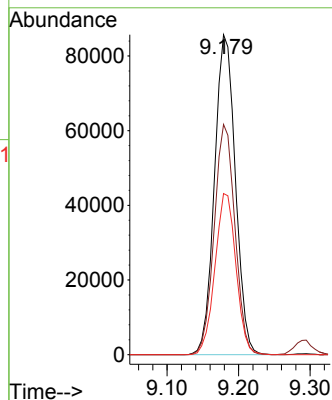
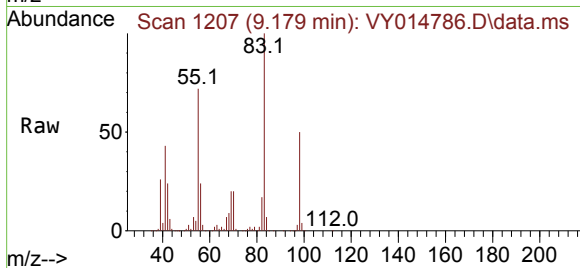
Tgt Ion: 83 Resp: 174138

Ion Ratio Lower Upper

83 100

55 71.9 63.0 94.4

98 50.3 37.4 56.2



#40

Benzene

Concen: 45.207 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014786.D

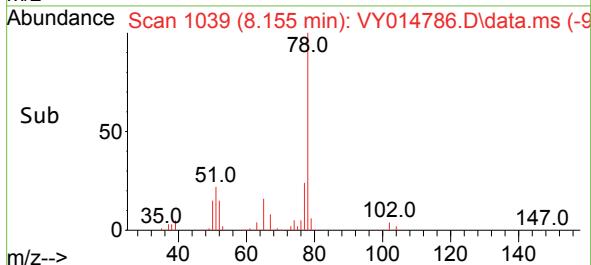
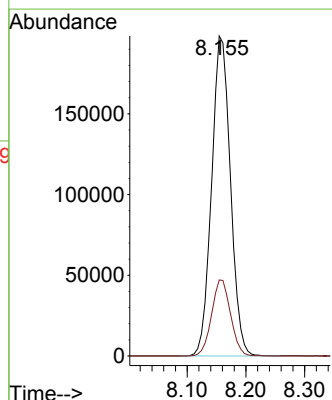
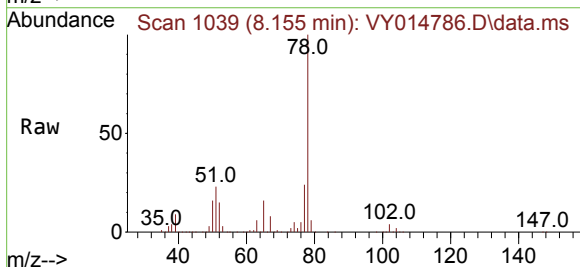
Acq: 24 Jul 2023 20:38

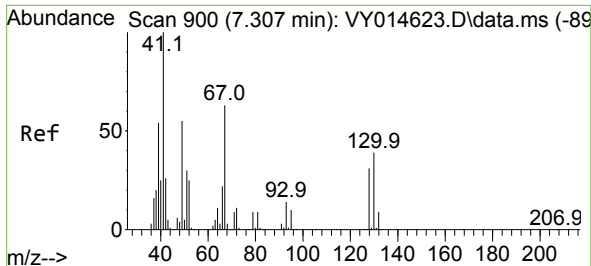
Tgt Ion: 78 Resp: 440632

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

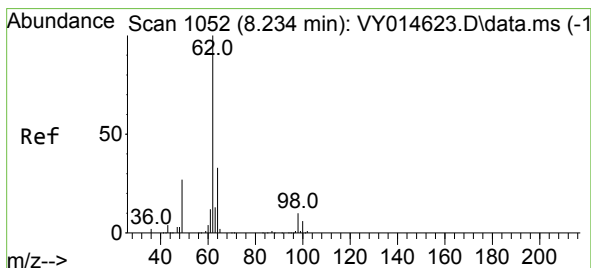
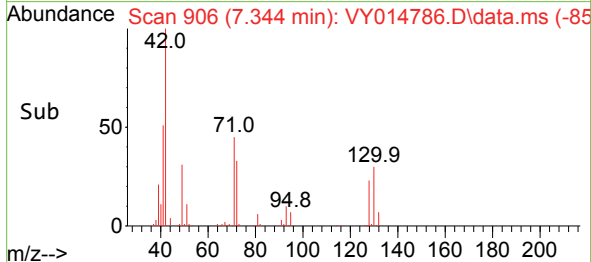
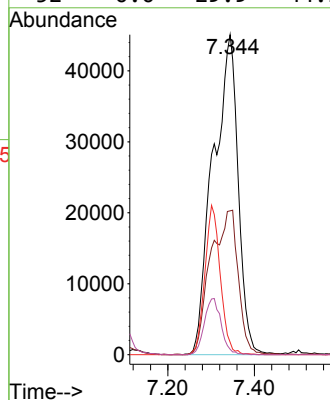
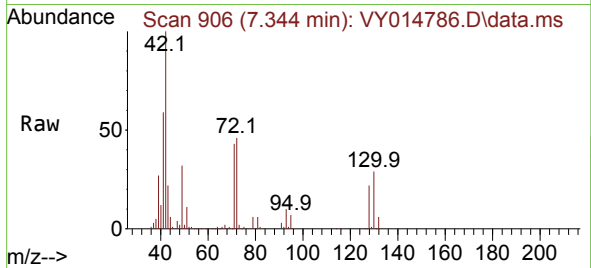




#41
Methacrylonitrile
Concen: 149.179 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

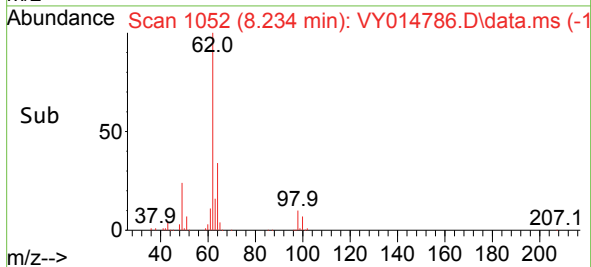
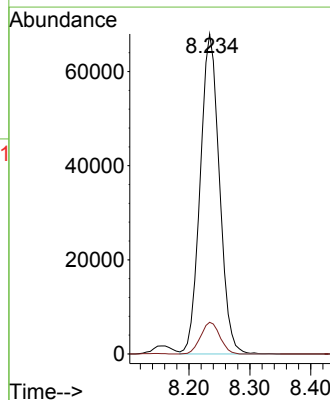
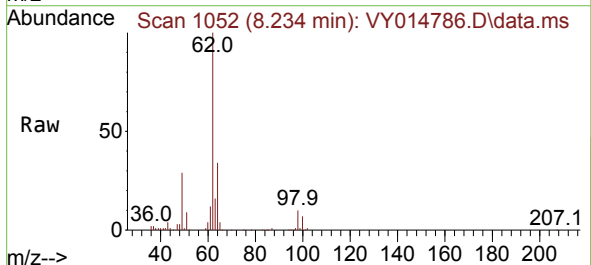
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

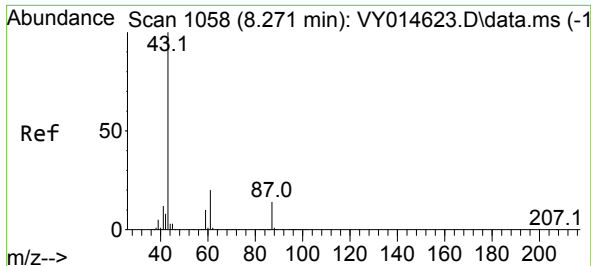
Tgt Ion: 41 Resp: 181055
Ion Ratio Lower Upper
41 100
39 49.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 48.241 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 62 Resp: 148902
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8

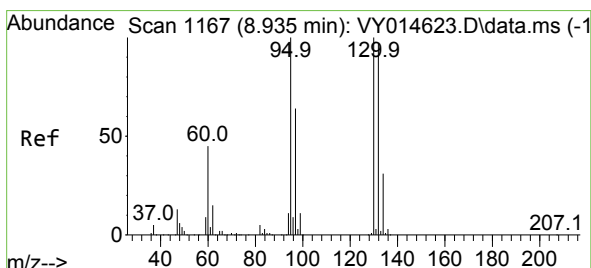
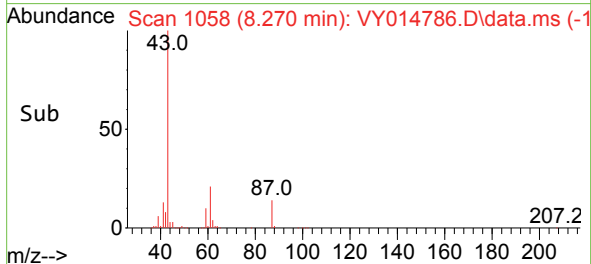
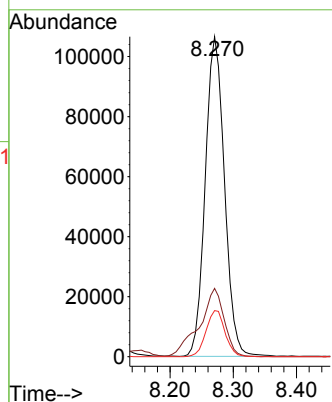
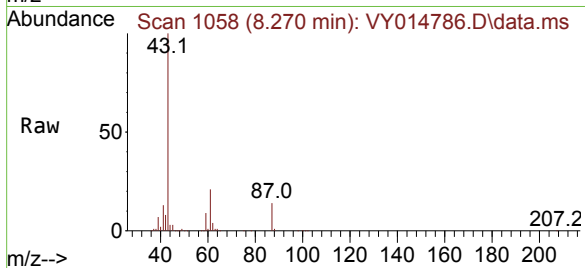




#43
Isopropyl Acetate
Concen: 50.135 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. -0.001 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

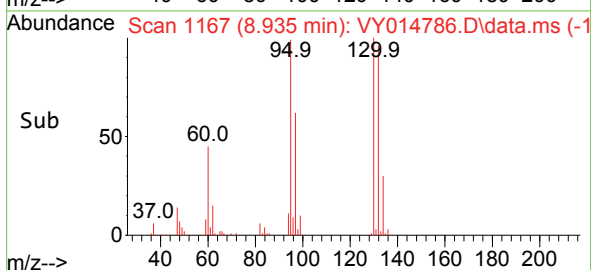
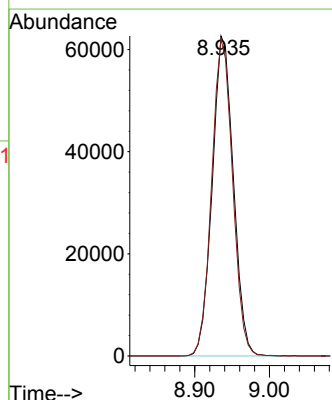
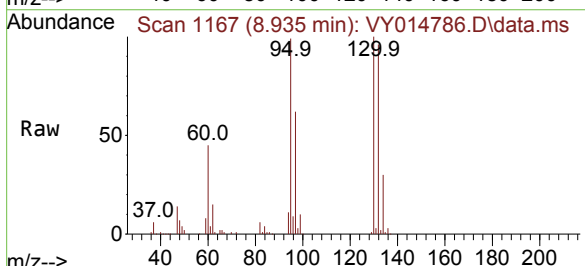
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

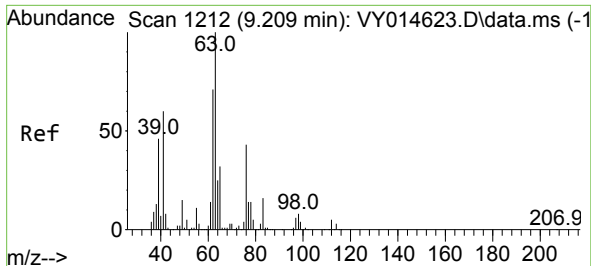
Tgt Ion: 43 Resp: 225348
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 45.033 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion:130 Resp: 122811
Ion Ratio Lower Upper
130 100
95 99.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 45.153 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

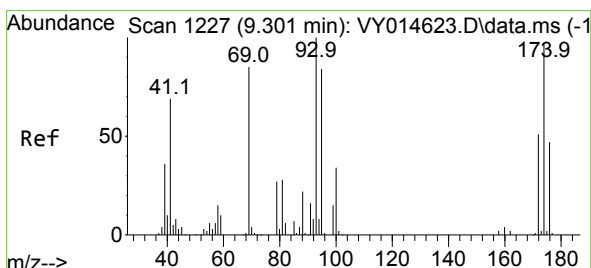
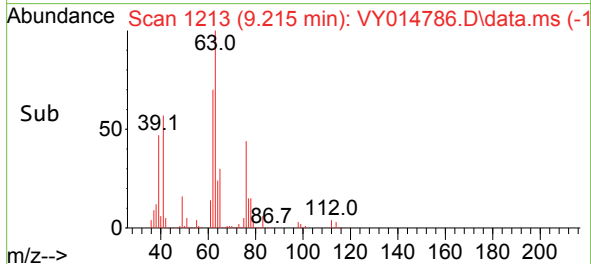
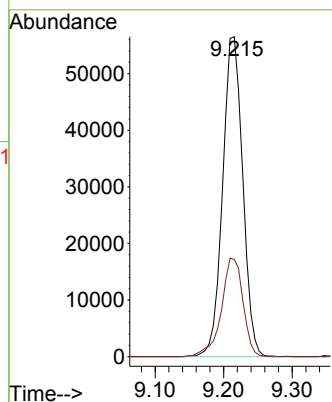
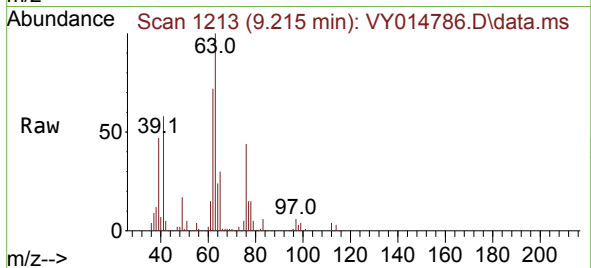
VSTDCCC050EC

Tgt Ion: 63 Resp: 114923

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 49.403 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

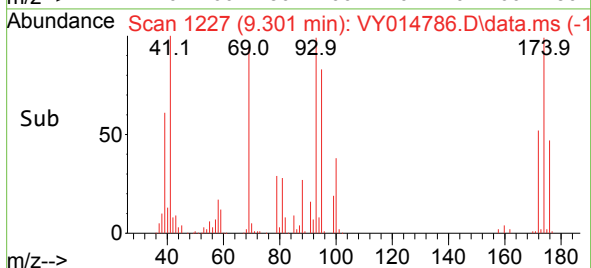
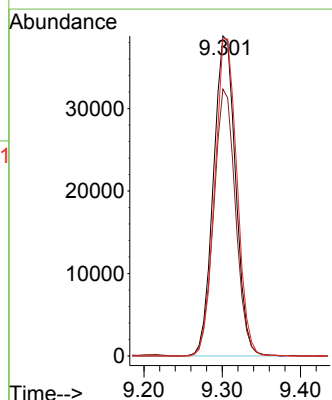
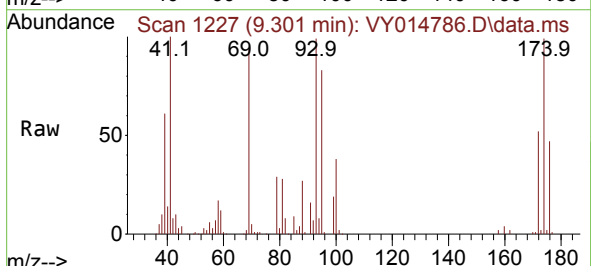
Tgt Ion: 93 Resp: 76280

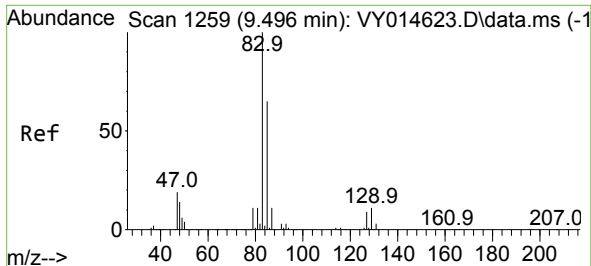
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 99.0 84.8 127.2

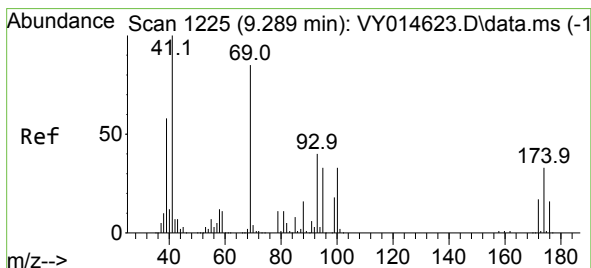
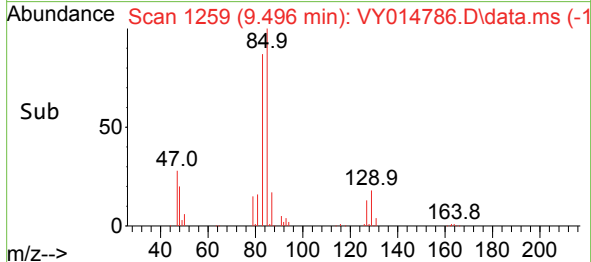
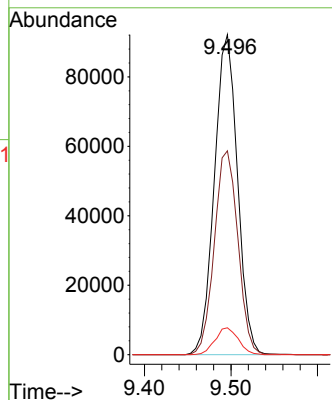
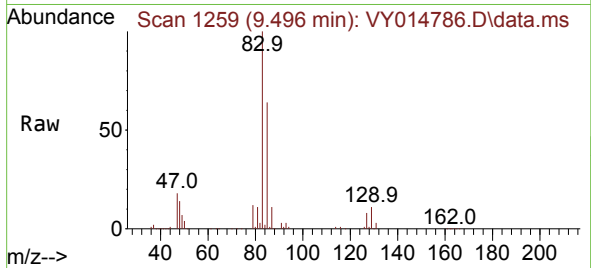




#47
Bromodichloromethane
Concen: 46.906 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

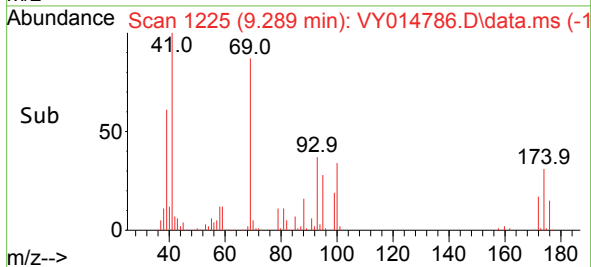
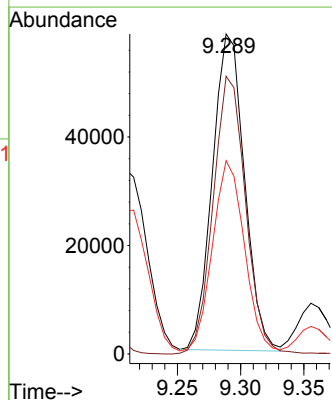
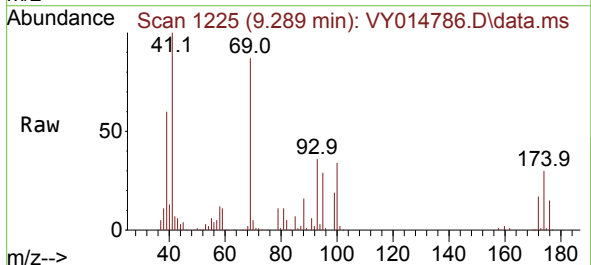
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

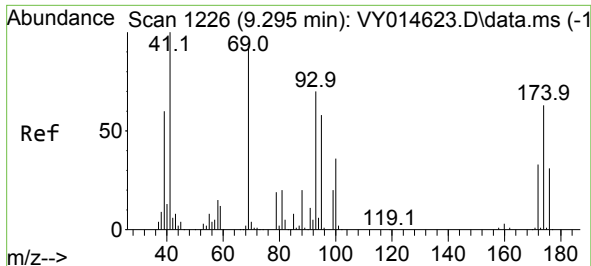
Tgt Ion: 83 Resp: 170698
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 50.821 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 41 Resp: 102788
Ion Ratio Lower Upper
41 100
69 89.1 64.5 96.7
39 61.7 50.8 76.2

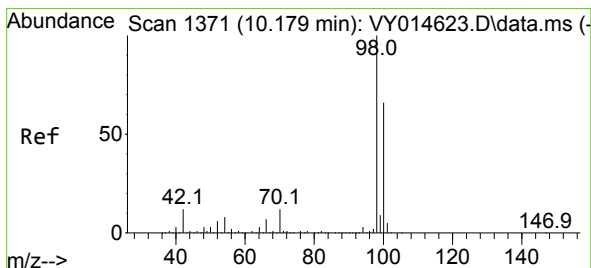
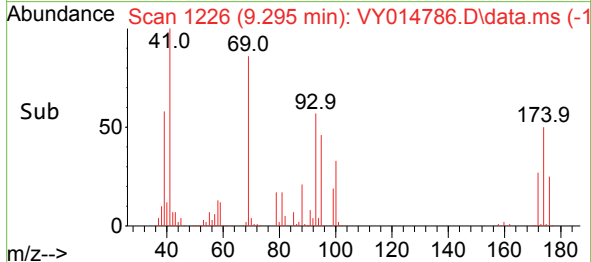
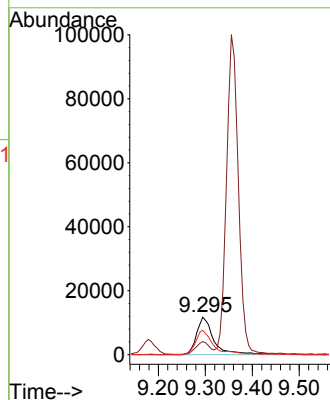
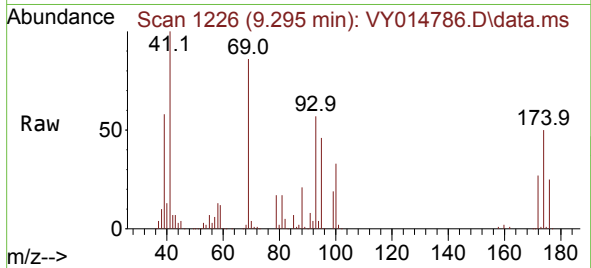




#49
1,4-Dioxane
Concen: 1201.941 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

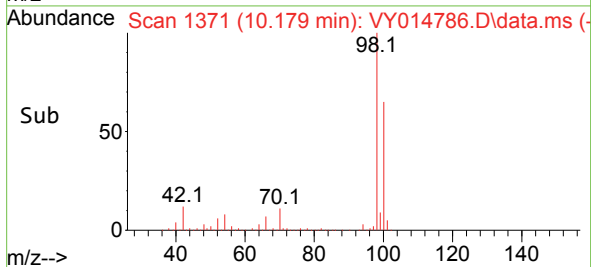
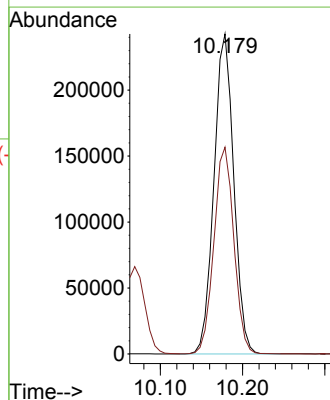
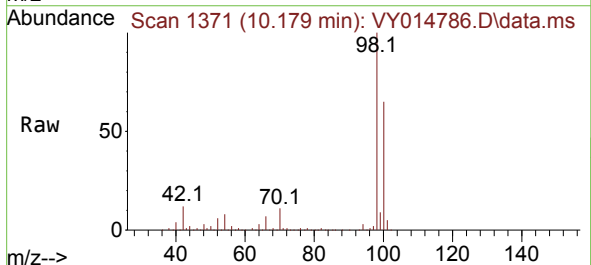
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

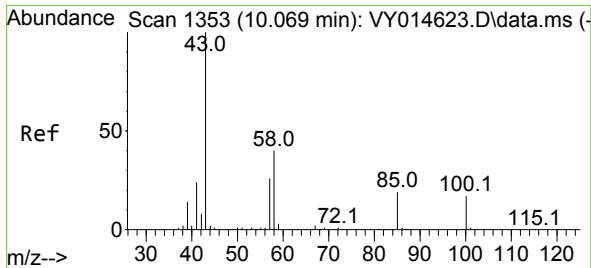
Tgt Ion: 88 Resp: 30261
Ion Ratio Lower Upper
88 100
43 27.5 0.0 0.0#
58 67.1 30.9 46.3#



#50
Toluene-d8
Concen: 48.038 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 98 Resp: 405876
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

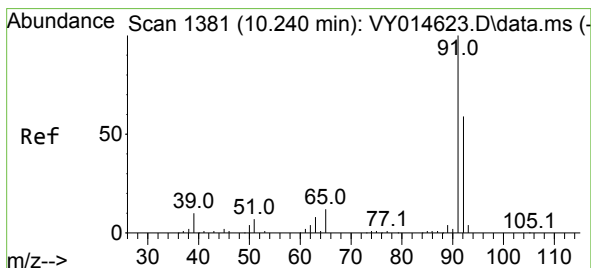
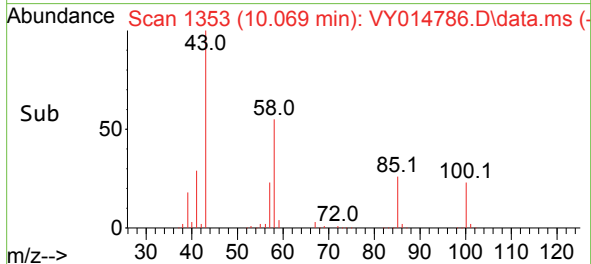
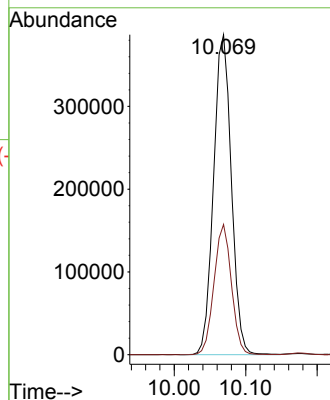
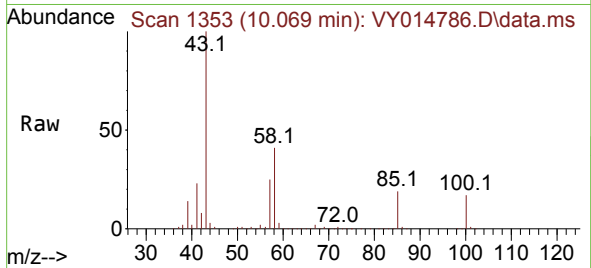




#51
4-Methyl-2-Pentanone
Concen: 282.439 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

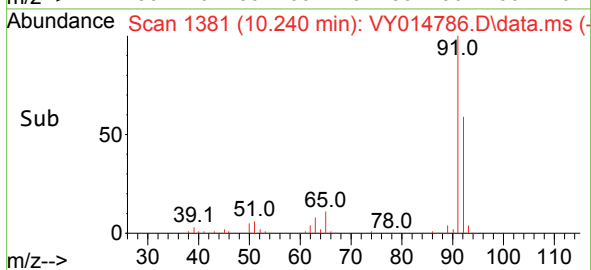
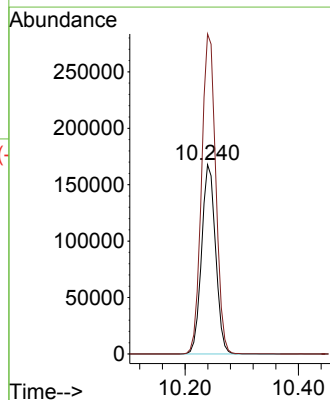
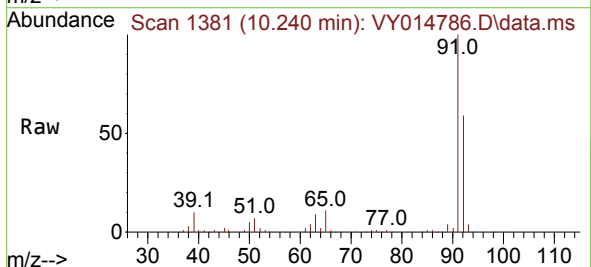
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

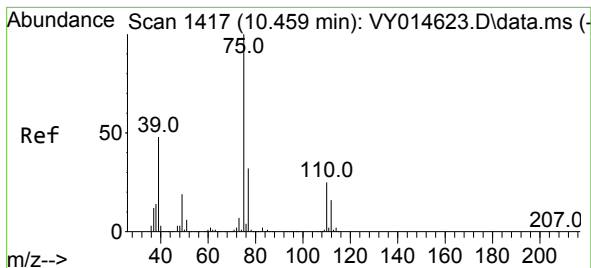
Tgt Ion: 43 Resp: 666550
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 45.989 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 92 Resp: 286837
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6

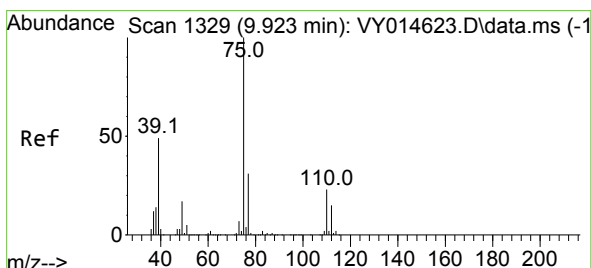
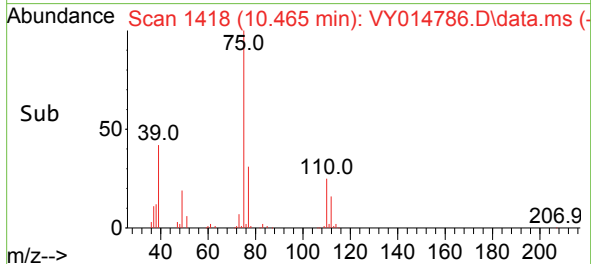
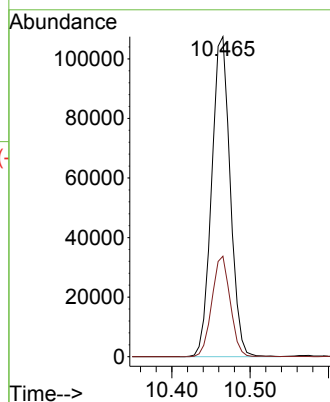
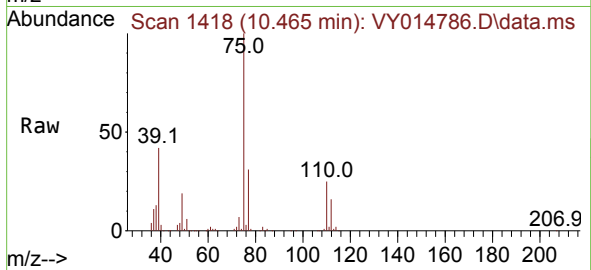




#53
 t-1,3-Dichloropropene
 Concen: 44.307 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

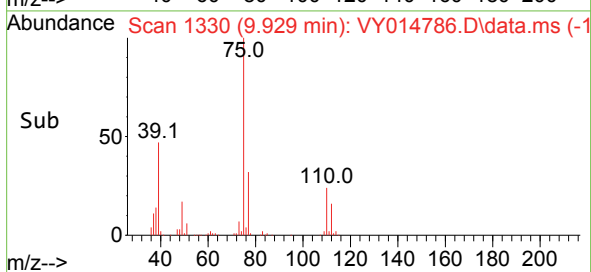
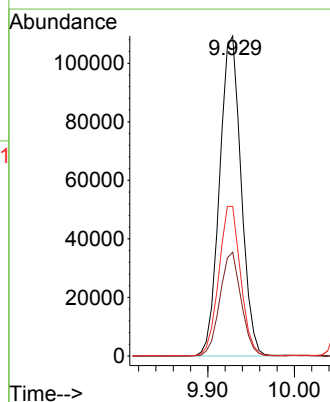
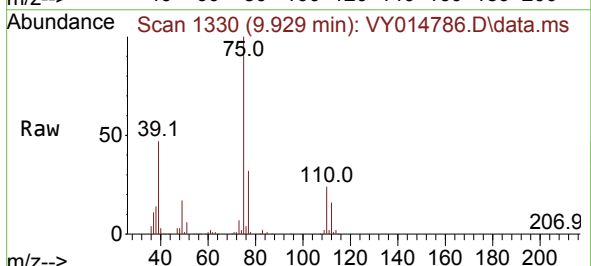
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

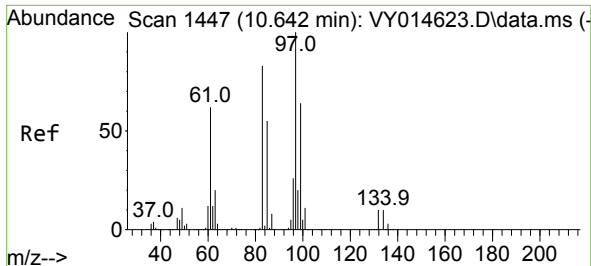
Tgt Ion: 75 Resp: 176370
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 43.659 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

Tgt Ion: 75 Resp: 188990
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 46.7 42.2 63.4

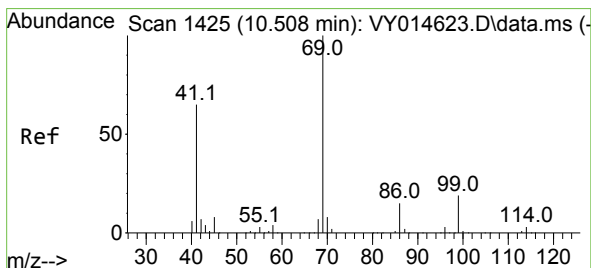
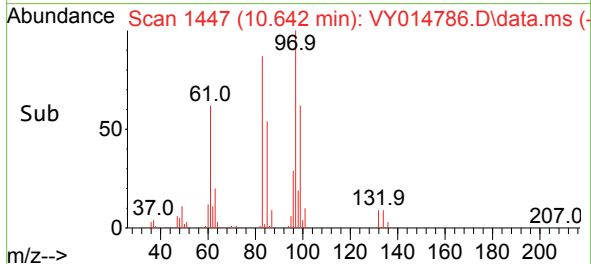
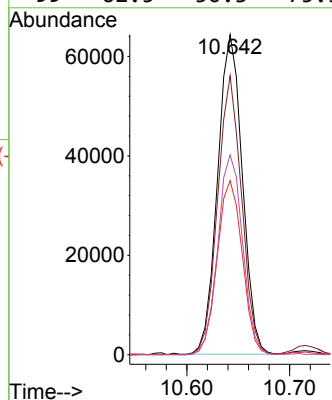
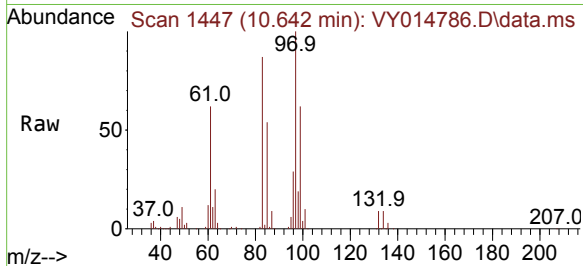




#55
1,1,2-Trichloroethane
Concen: 49.973 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

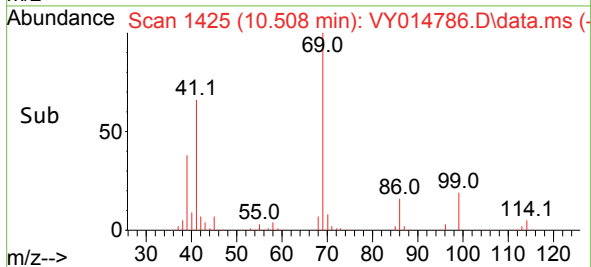
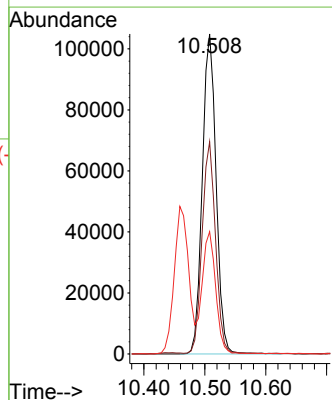
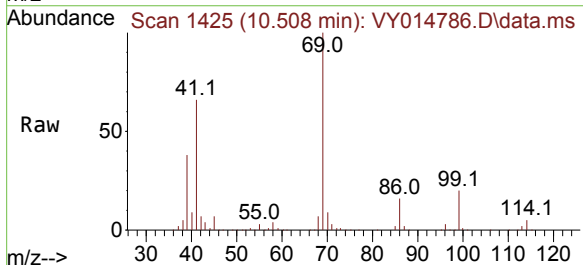
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

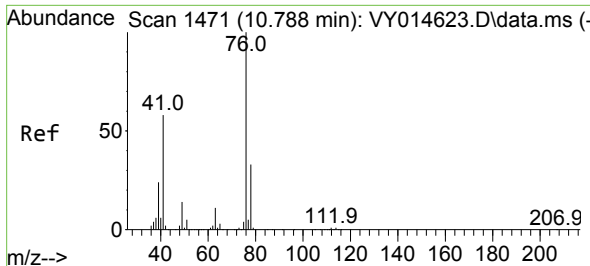
Tgt Ion: 97	Resp: 107481
Ion Ratio	Lower Upper
97 100	
83 87.3	72.0 108.0
85 54.5	45.4 68.0
99 62.5	50.3 75.5



#56
Ethyl methacrylate
Concen: 50.180 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 69	Resp: 164786
Ion Ratio	Lower Upper
69 100	
41 64.3	57.6 86.4
39 37.5	34.1 51.1





#57

1,3-Dichloropropane

Concen: 49.004 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

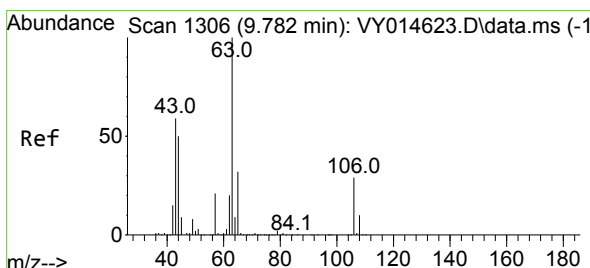
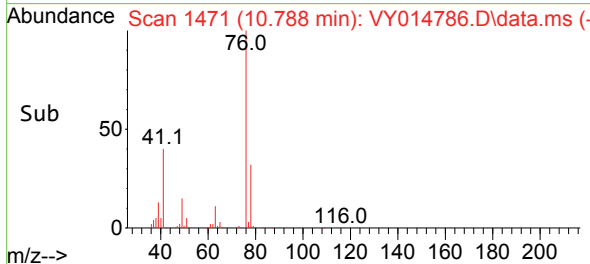
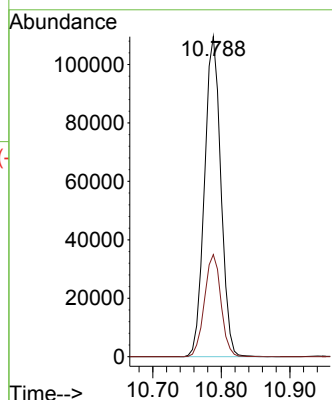
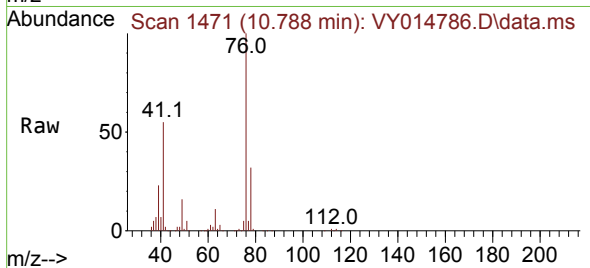
VSTDCCC050EC

Tgt Ion: 76 Resp: 181787

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 266.946 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014786.D

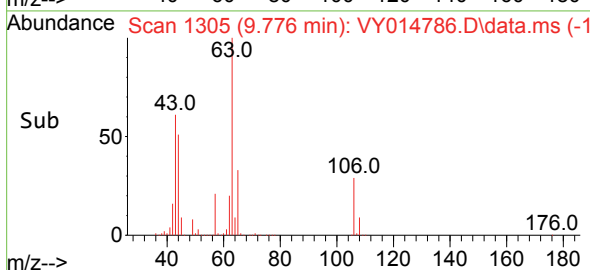
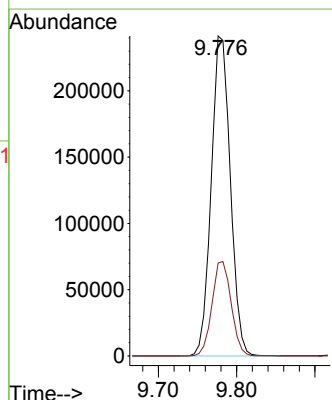
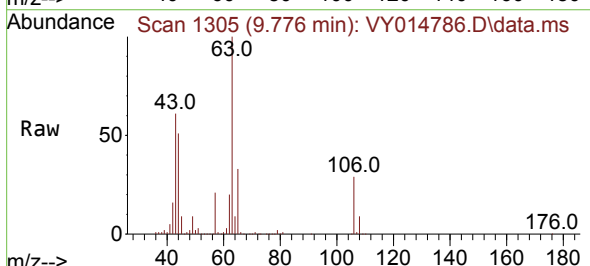
Acq: 24 Jul 2023 20:38

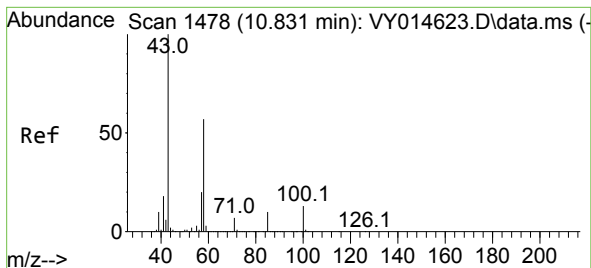
Tgt Ion: 63 Resp: 408455

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

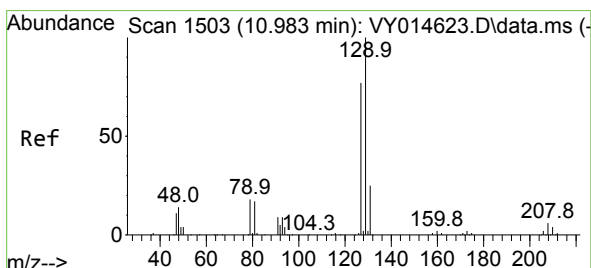
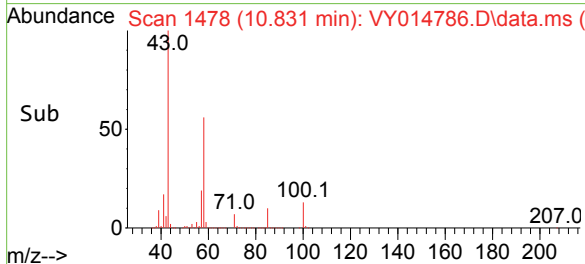
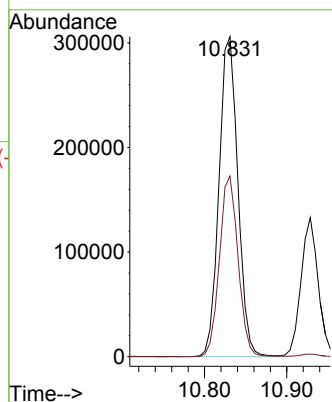
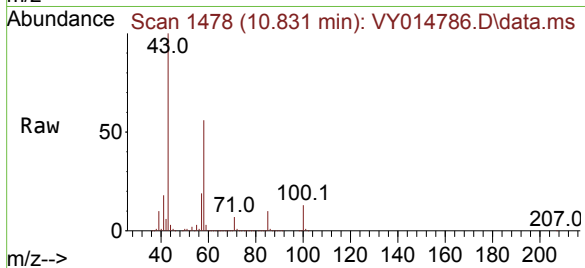




#59
2-Hexanone
Concen: 282.577 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

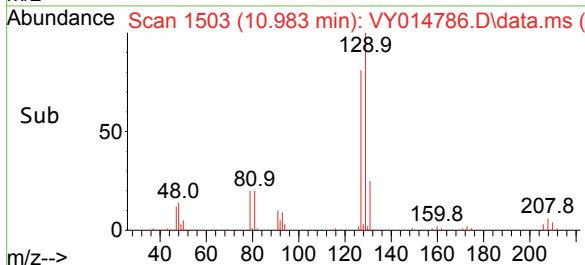
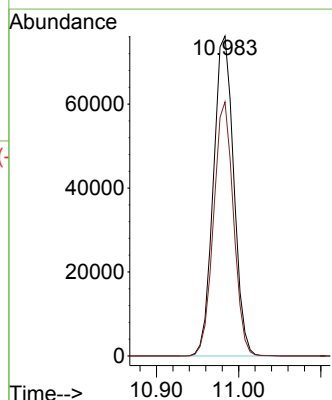
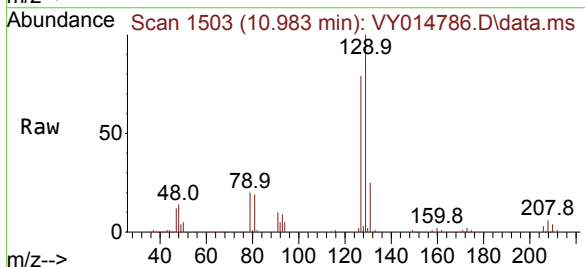
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

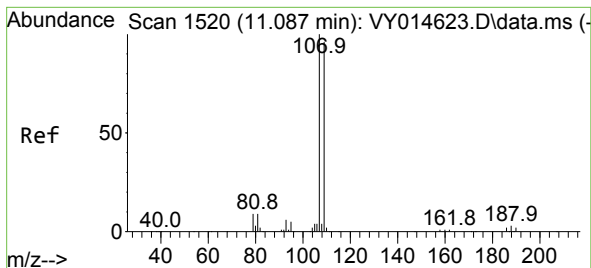
Tgt Ion: 43 Resp: 486321
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 49.695 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 129 Resp: 131046
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

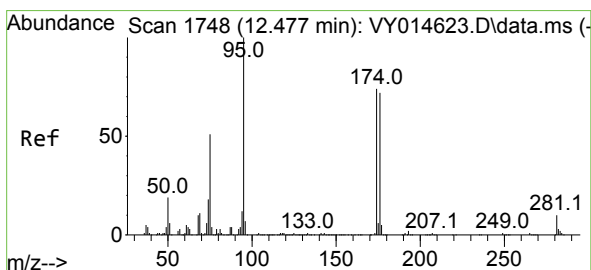
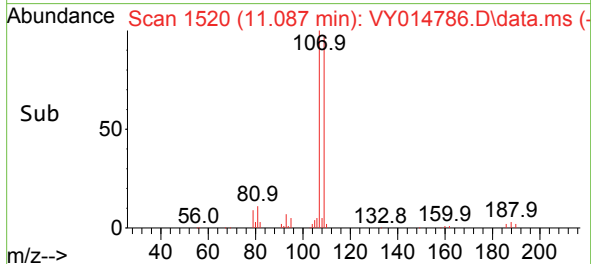
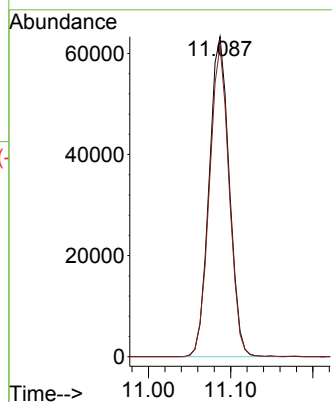
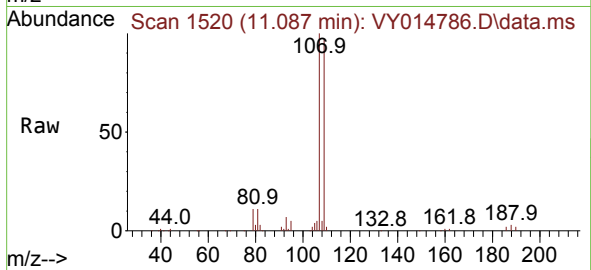




#61
1,2-Dibromoethane
Concen: 50.176 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

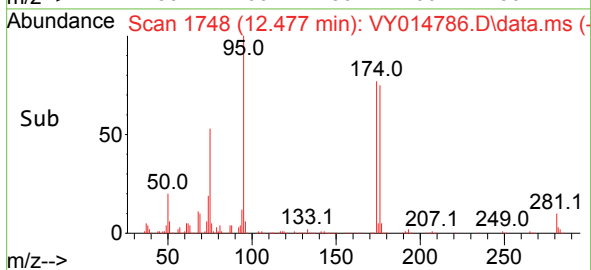
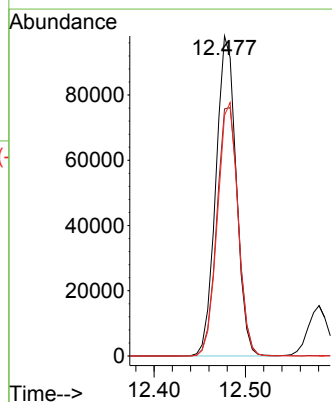
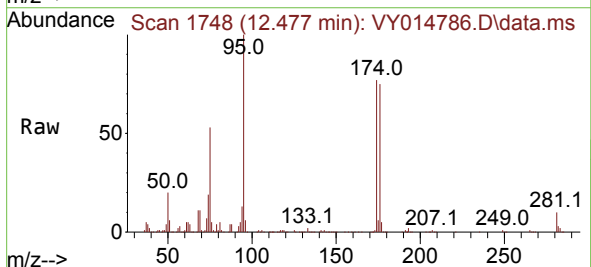
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

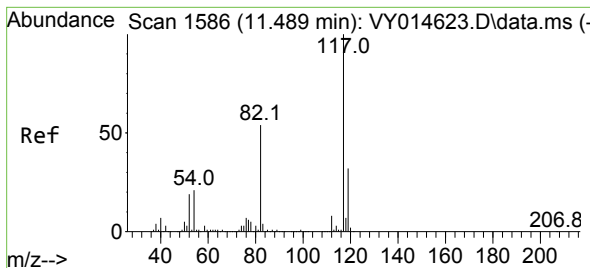
Tgt Ion:107 Resp: 107658
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.786 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 95 Resp: 151570
Ion Ratio Lower Upper
95 100
174 82.0 0.0 178.2
176 79.7 0.0 173.8

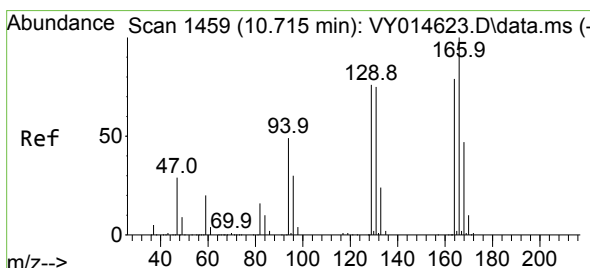
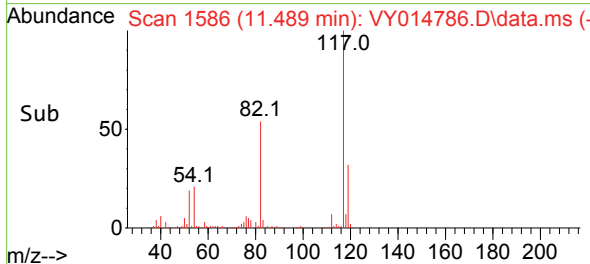
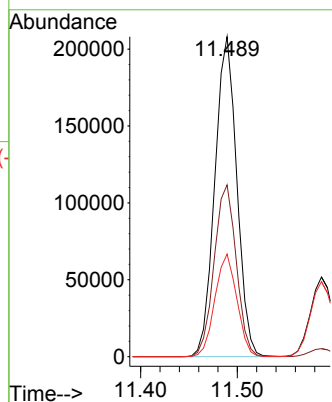
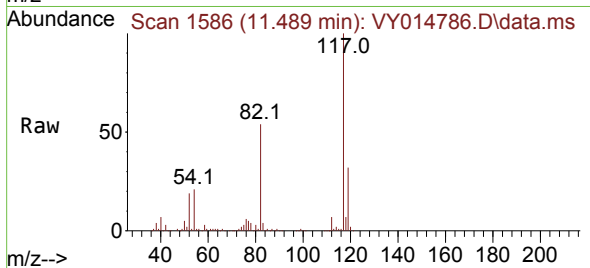




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

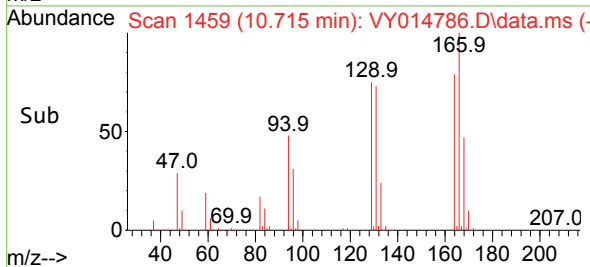
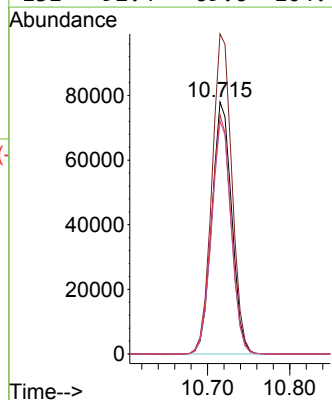
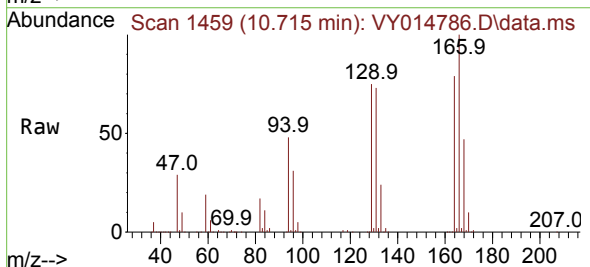
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

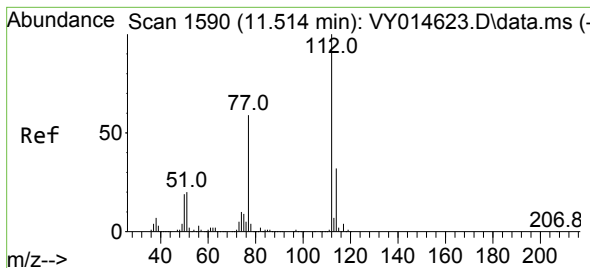
Tgt Ion:117 Resp: 328266
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 49.468 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion:164 Resp: 130601
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.6
129 94.9 77.2 115.8
131 92.4 69.6 104.4

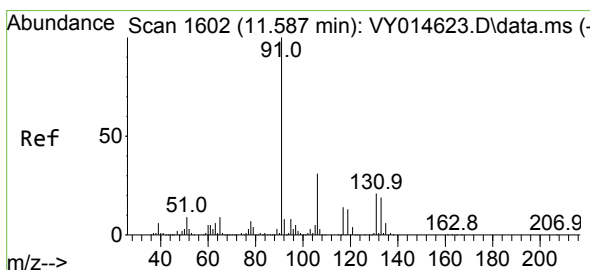
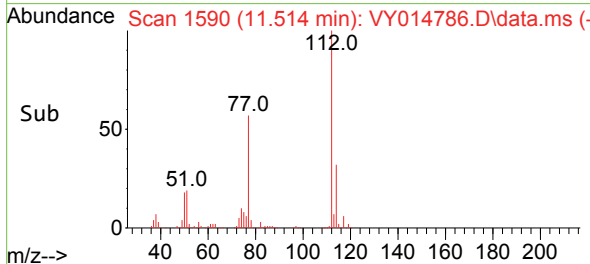
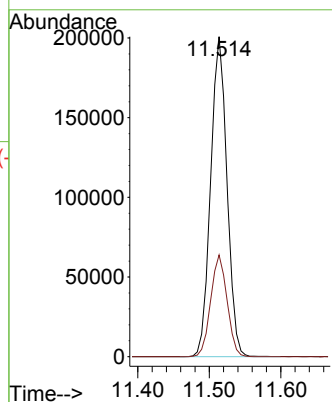
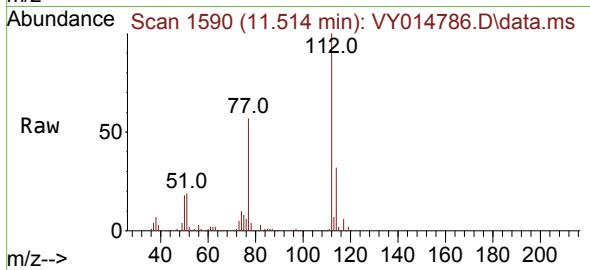




#65
Chlorobenzene
Concen: 45.461 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

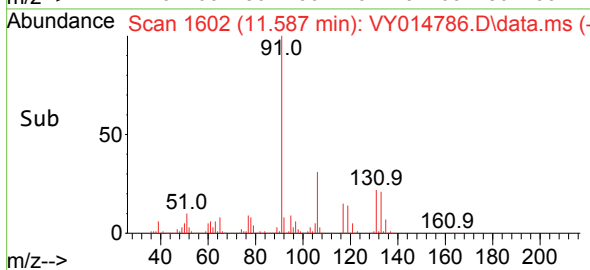
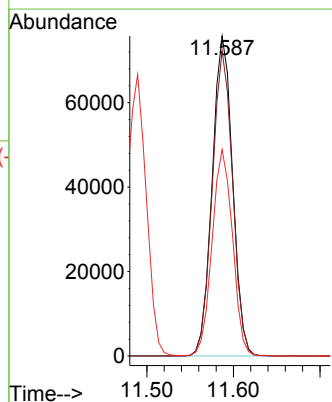
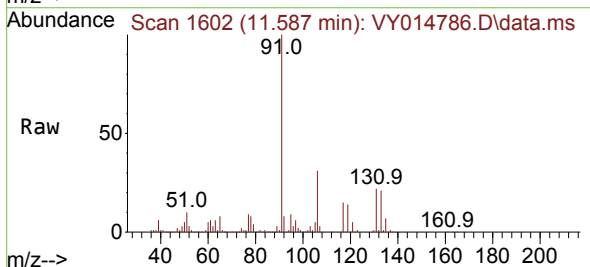
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

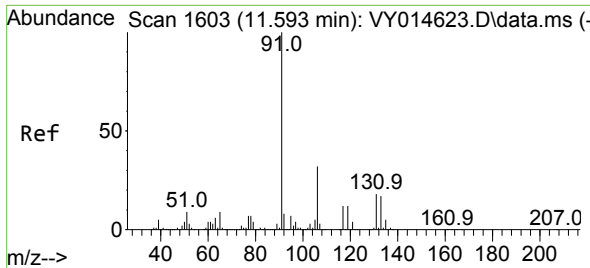
Tgt Ion:112 Resp: 318010
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 46.981 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion:131 Resp: 123914
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 64.6 31.6 94.7

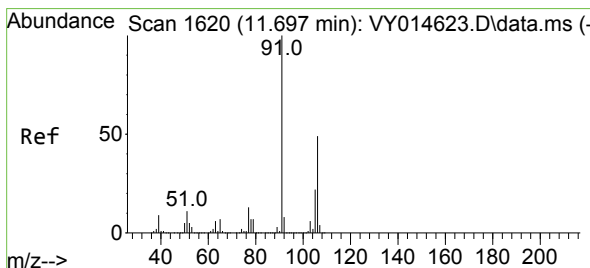
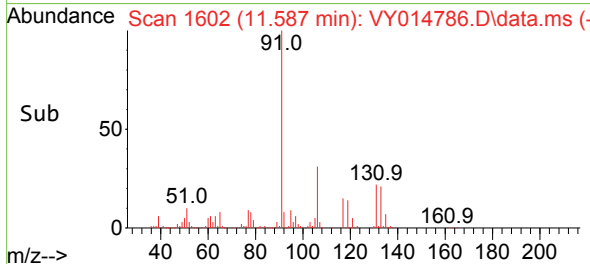
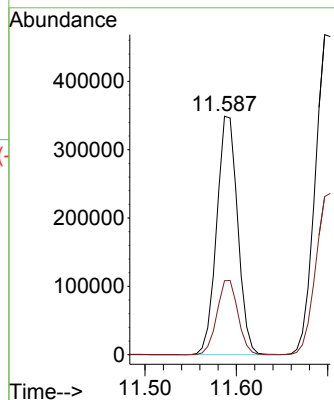
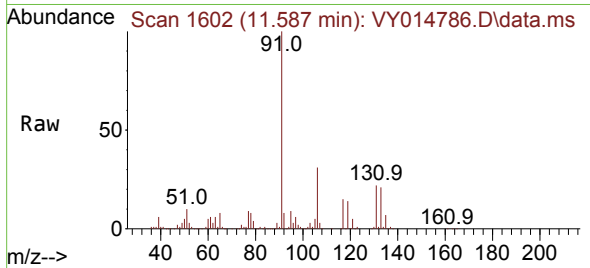




#67
Ethyl Benzene
Concen: 44.062 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

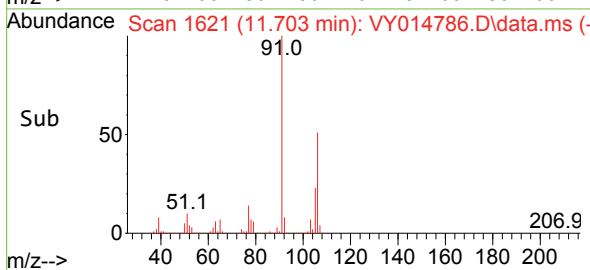
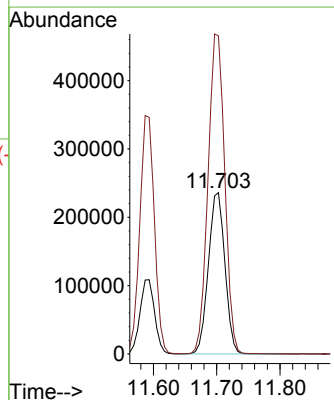
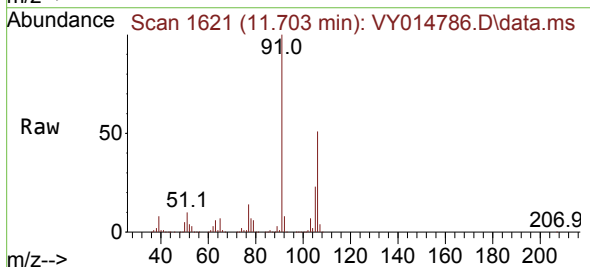
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

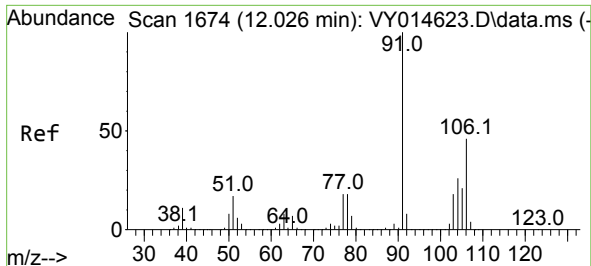
Tgt Ion: 91 Resp: 556502
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 88.950 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion:106 Resp: 428844
Ion Ratio Lower Upper
106 100
91 201.0 166.1 249.1

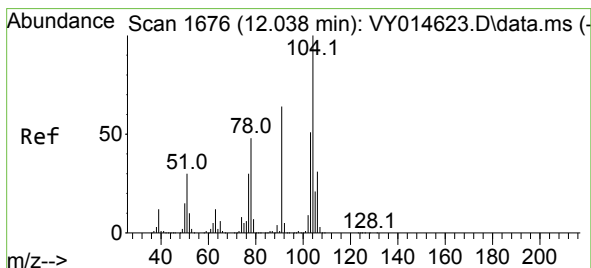
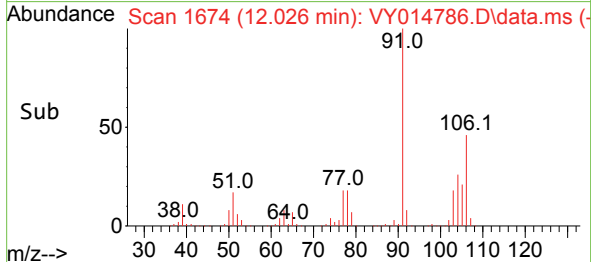
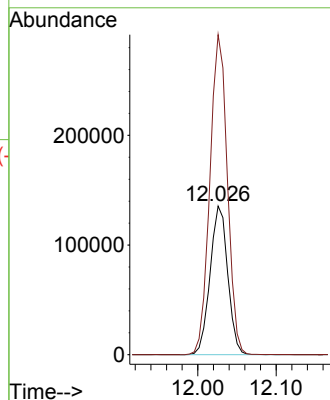
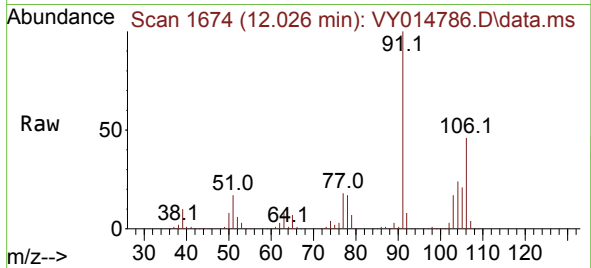




#69
o-Xylene
Concen: 45.086 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

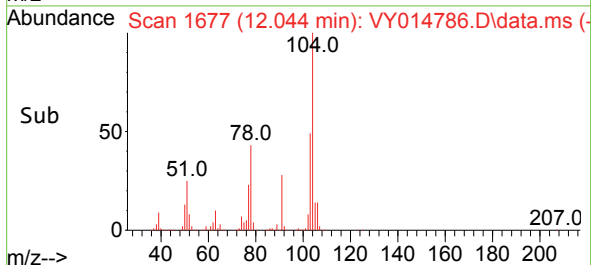
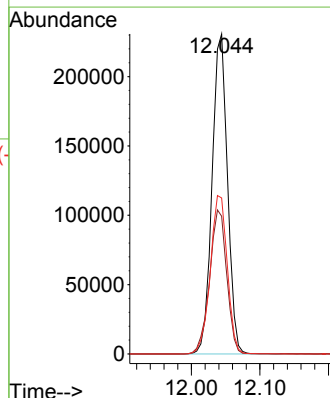
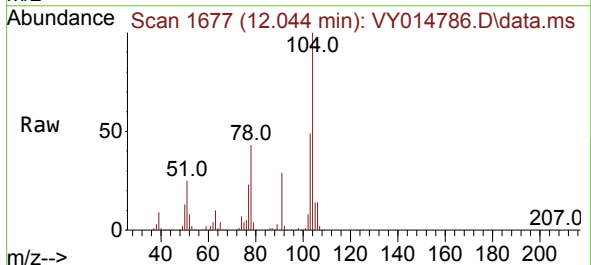
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

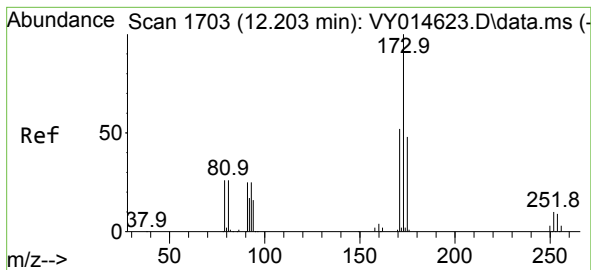
Tgt Ion:106 Resp: 211717
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.3



#70
Styrene
Concen: 45.465 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion:104 Resp: 359834
Ion Ratio Lower Upper
104 100
78 50.1 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 50.558 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

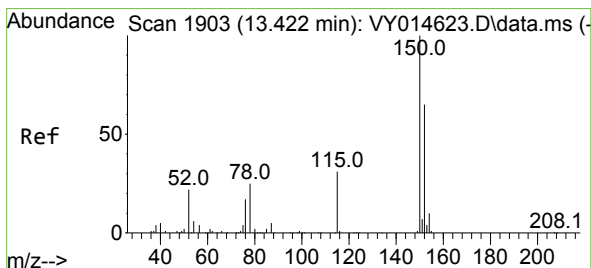
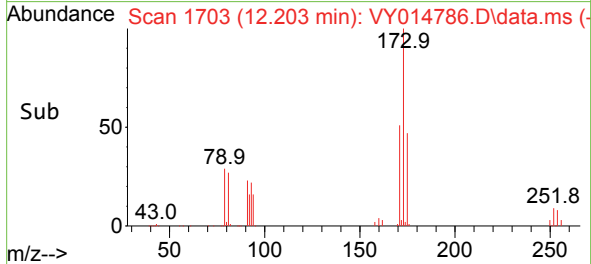
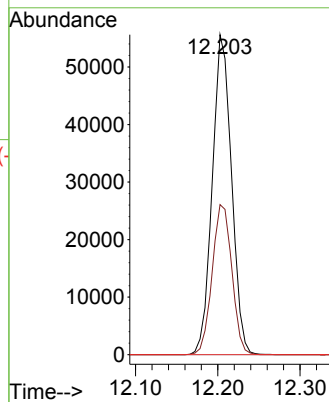
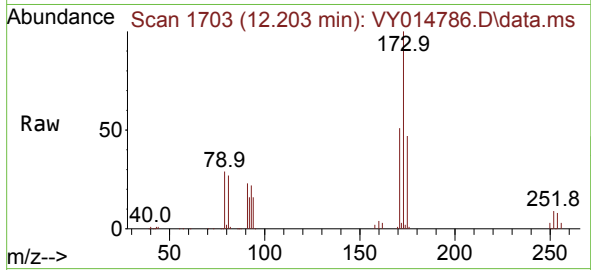
Tgt Ion:173 Resp: 90387

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: VY014786.D

Acq: 24 Jul 2023 20:38

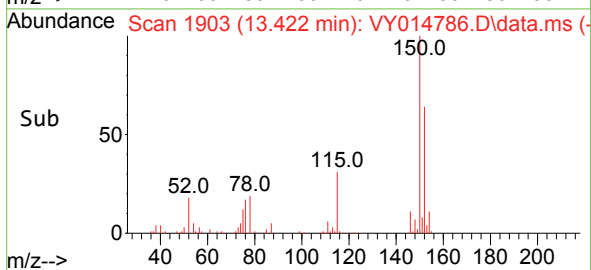
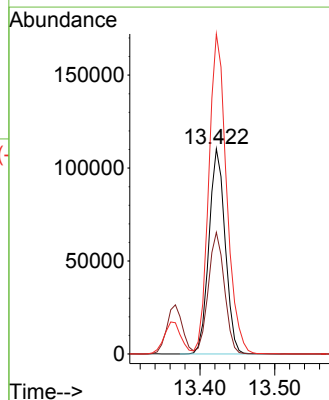
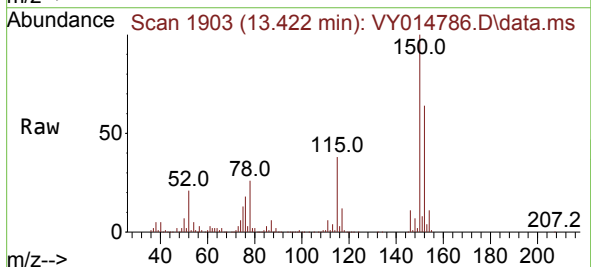
Tgt Ion:152 Resp: 165967

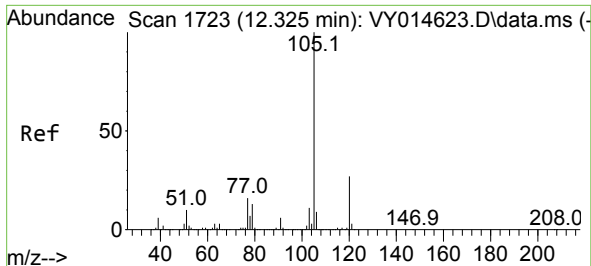
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 171.4 0.0 348.8

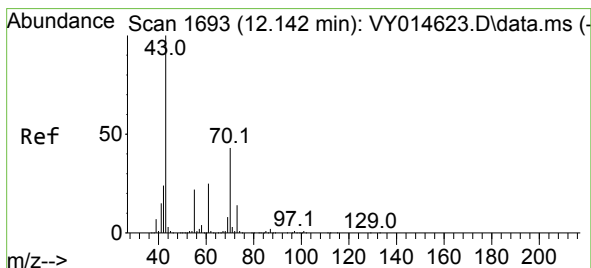
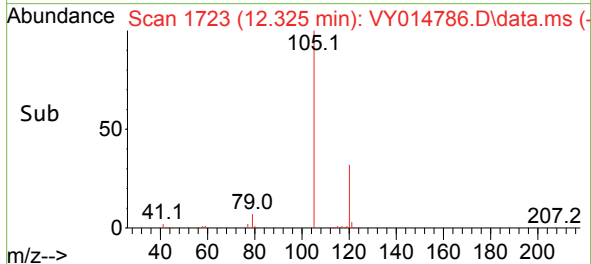
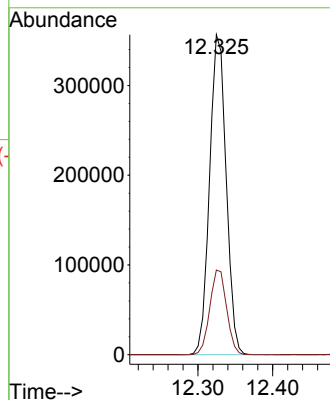
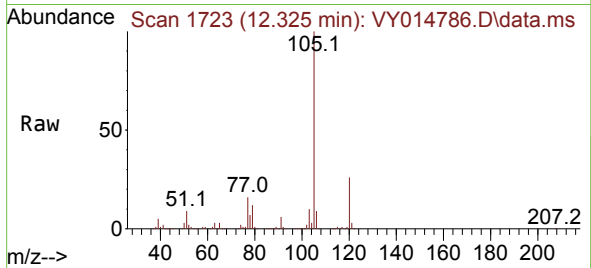




#73
Isopropylbenzene
Concen: 42.265 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

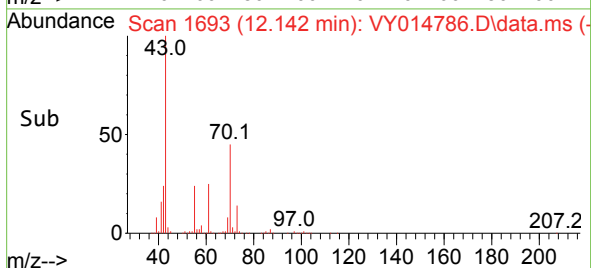
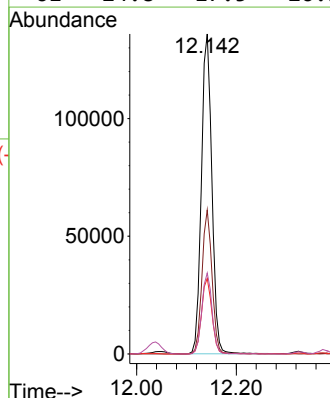
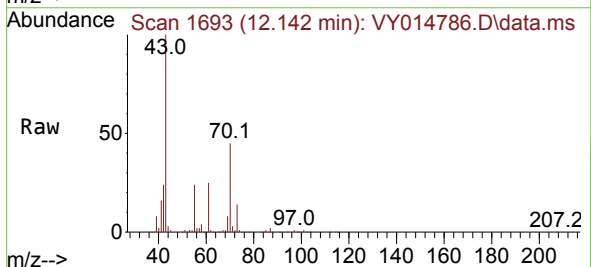
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

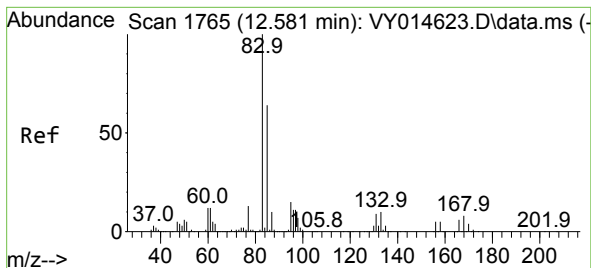
Tgt Ion:105 Resp: 549249
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 45.533 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 43 Resp: 198175
Ion Ratio Lower Upper
43 100
70 43.0 29.7 44.5
55 23.4 18.3 27.5
61 24.8 17.5 26.3

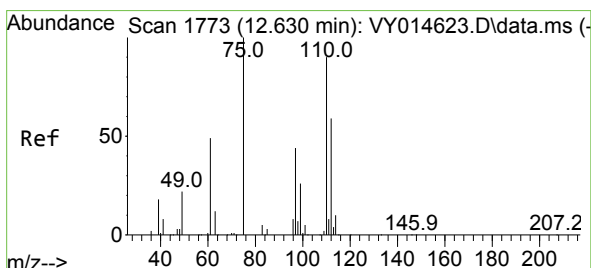
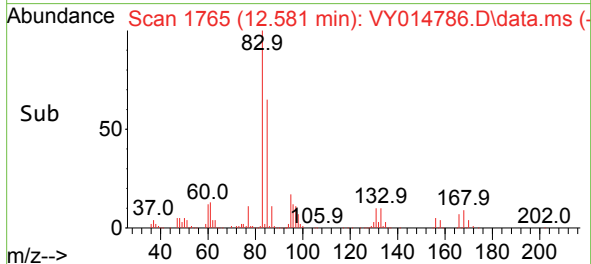
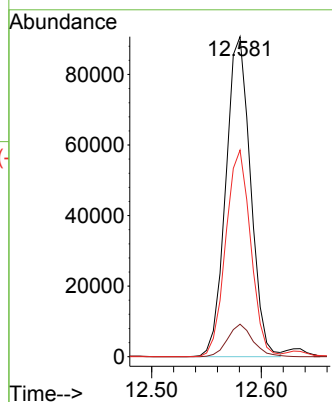
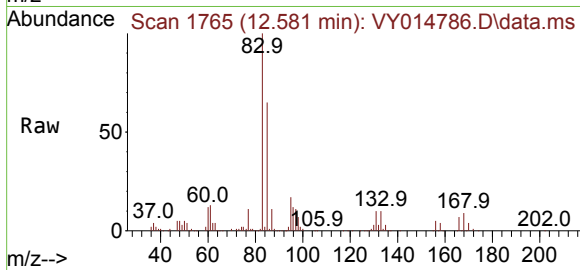




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.933 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

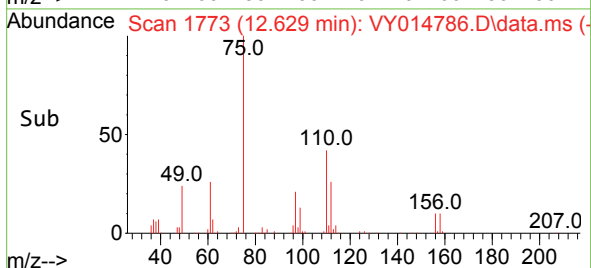
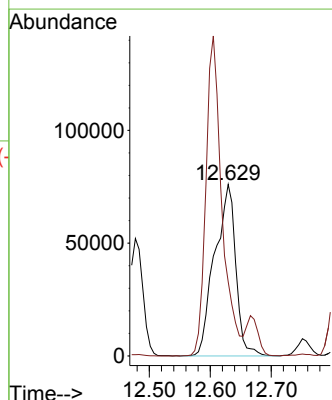
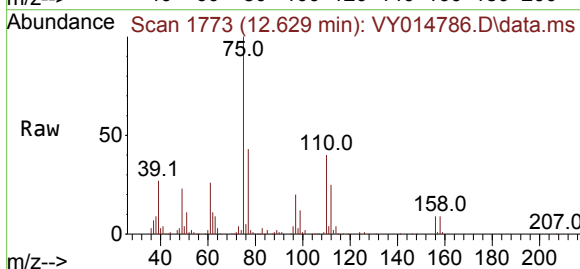
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

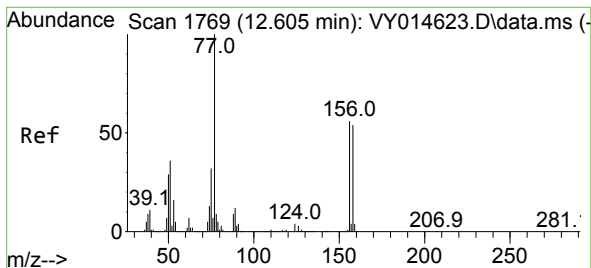
Tgt Ion: 83 Resp: 142050
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.4 16.2
 85 65.2 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 87.349 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY014786.D
 Acq: 24 Jul 2023 20:38

Tgt Ion: 75 Resp: 183094
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.319 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

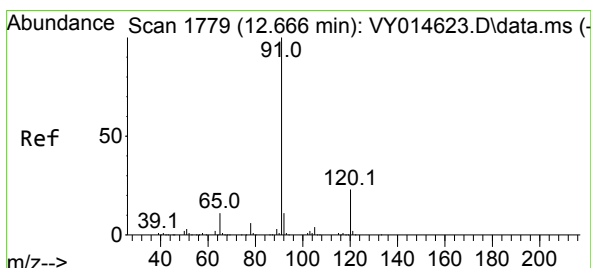
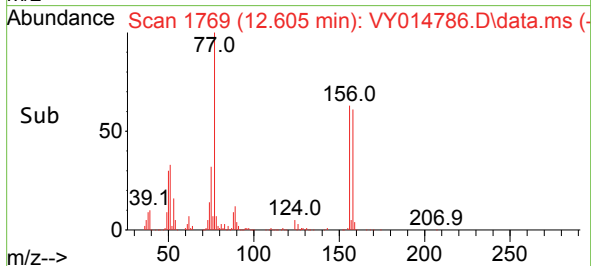
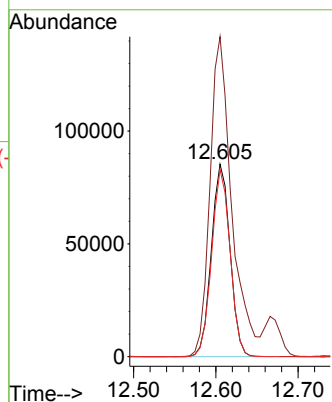
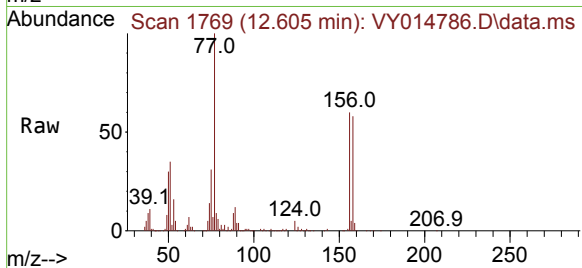
Tgt Ion:156 Resp: 134434

Ion Ratio Lower Upper

156 100

77 194.3 92.8 278.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 41.992 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014786.D

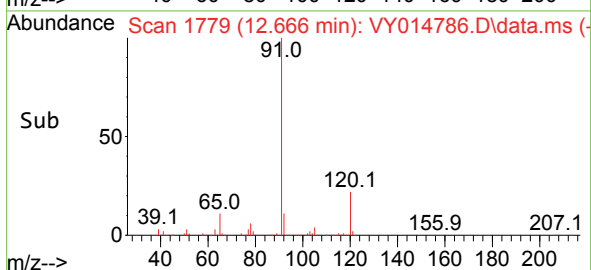
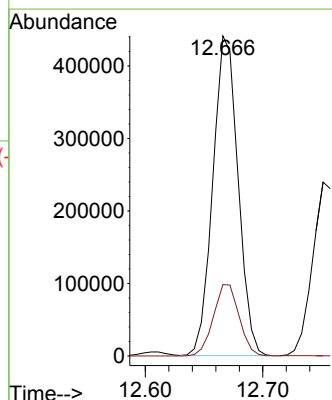
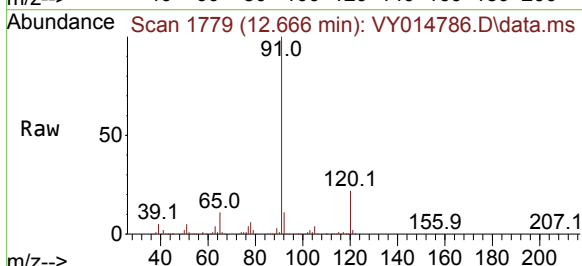
Acq: 24 Jul 2023 20:38

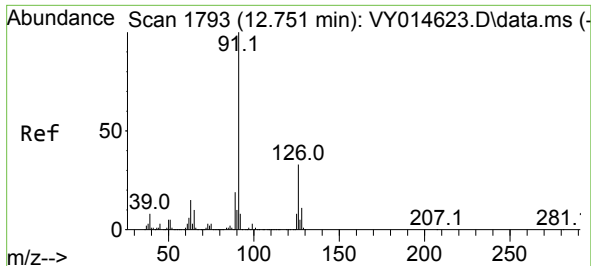
Tgt Ion: 91 Resp: 657569

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

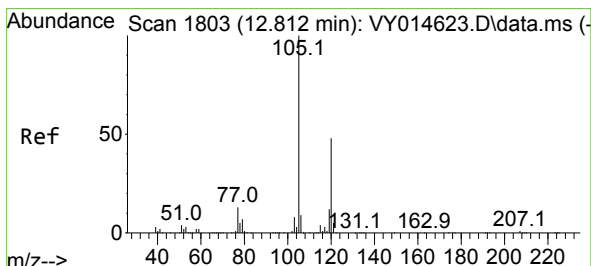
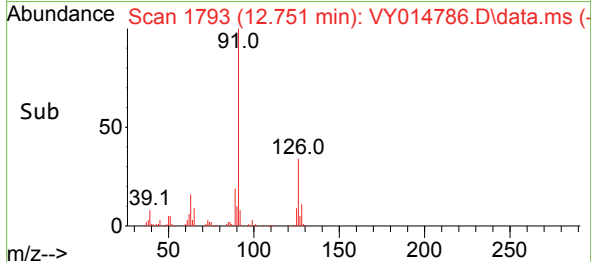
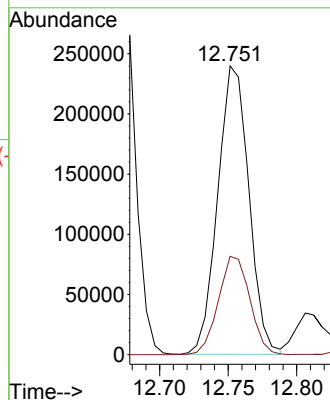
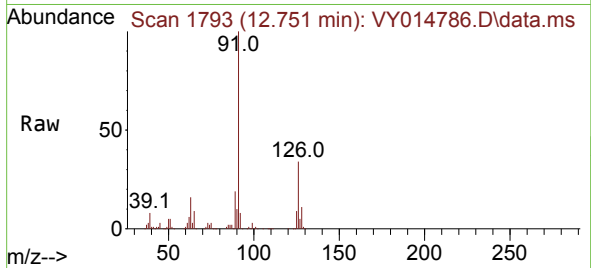




#79
2-Chlorotoluene
Concen: 42.096 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

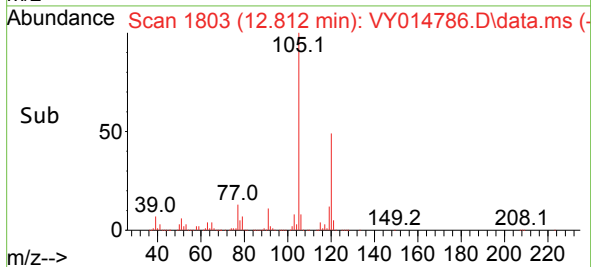
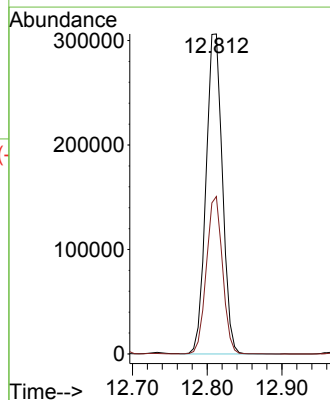
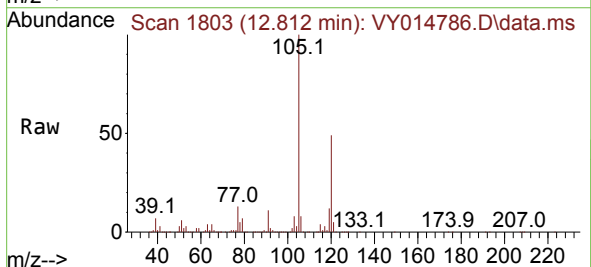
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

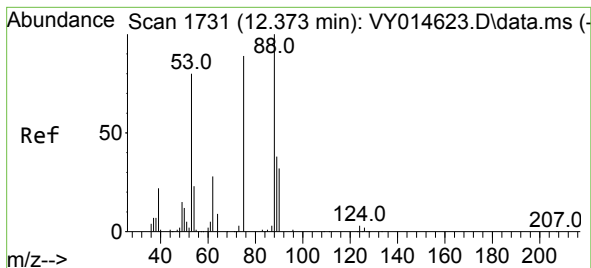
Tgt Ion: 91 Resp: 379692
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 42.877 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 105 Resp: 465346
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

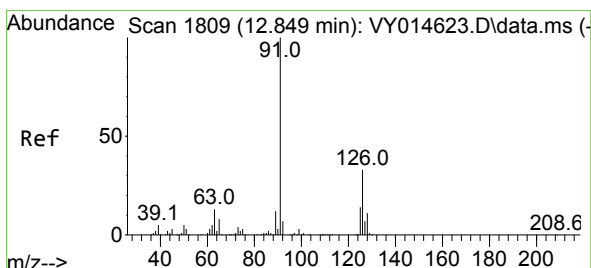
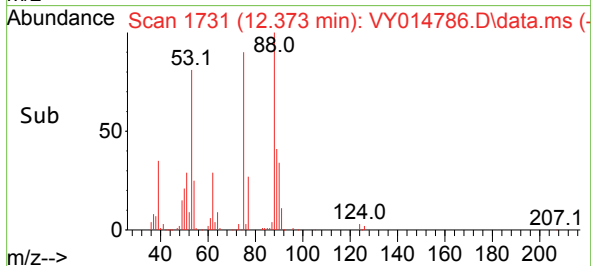
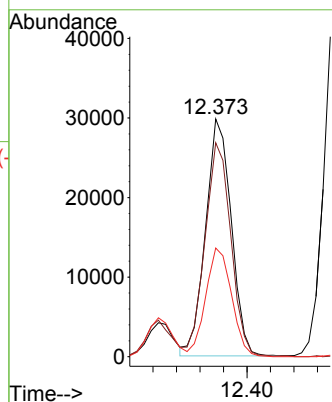
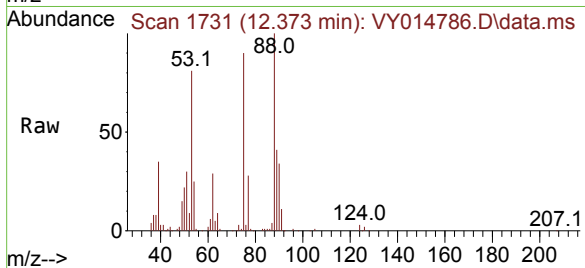




#81
trans-1,4-Dichloro-2-butene
Concen: 41.799 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

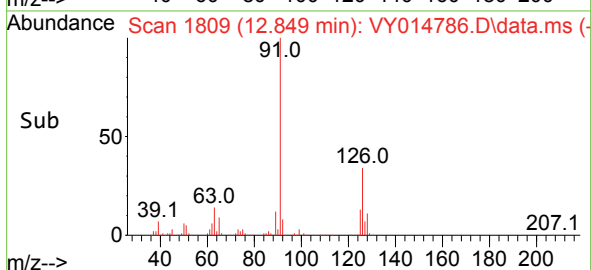
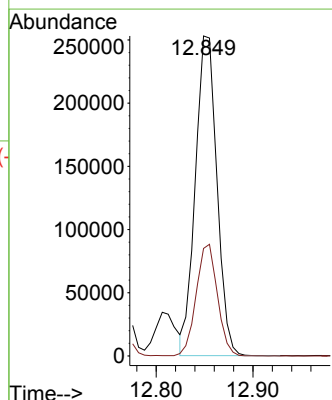
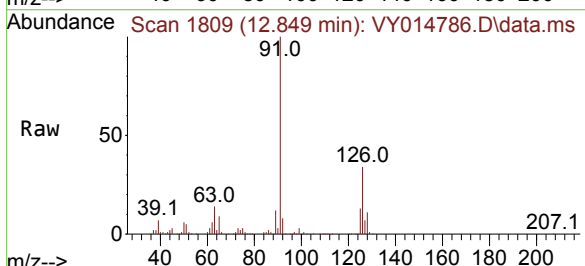
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

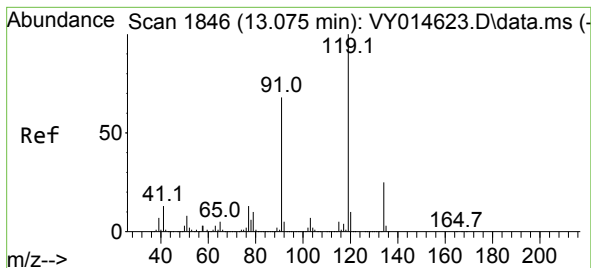
Tgt Ion: 75 Resp: 45252
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 42.234 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 91 Resp: 392318
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 42.369 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

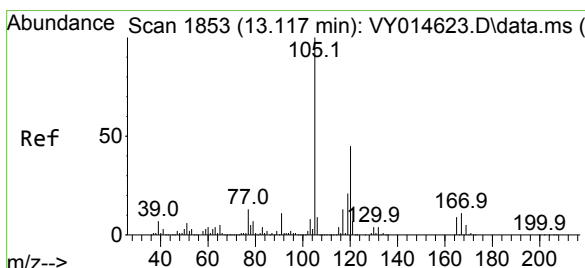
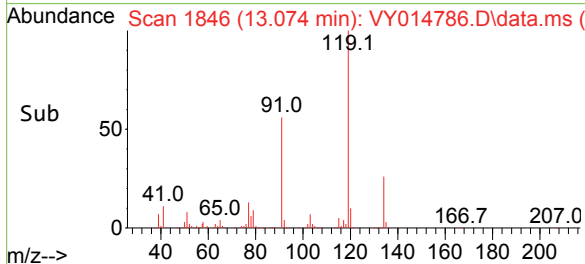
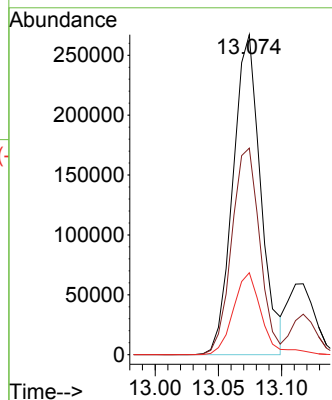
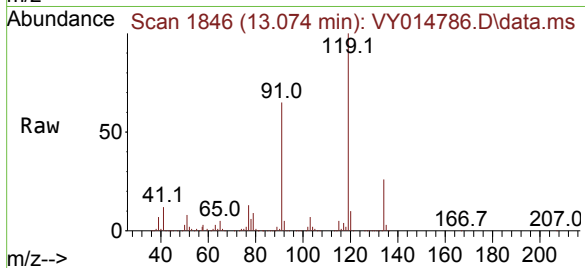
Tgt Ion:119 Resp: 407901

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 43.193 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014786.D

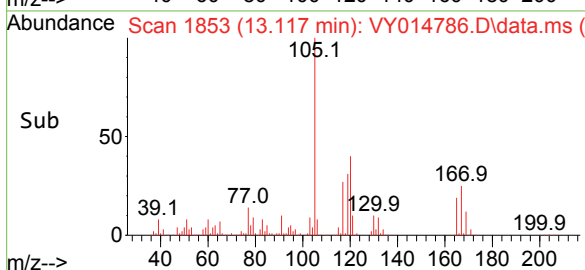
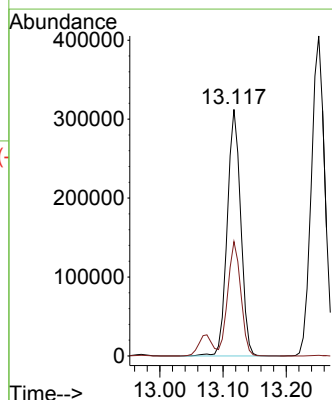
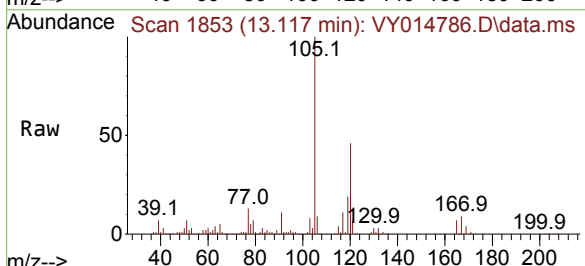
Acq: 24 Jul 2023 20:38

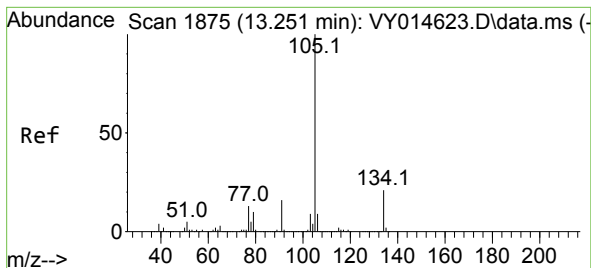
Tgt Ion:105 Resp: 460048

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 42.195 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

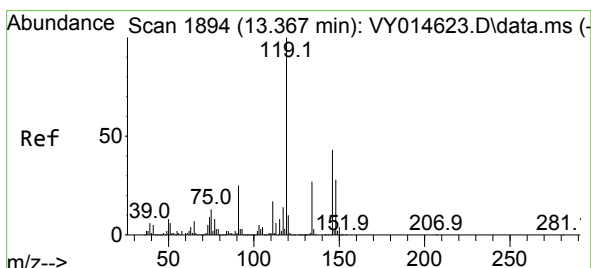
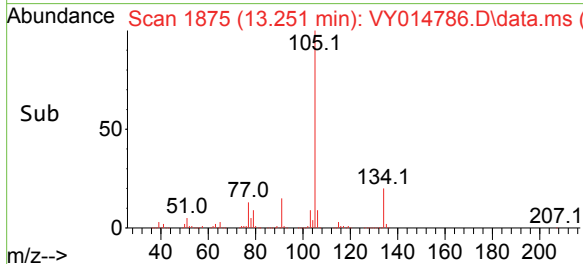
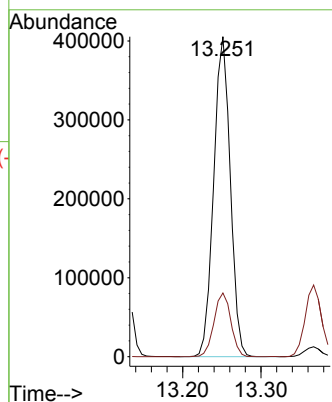
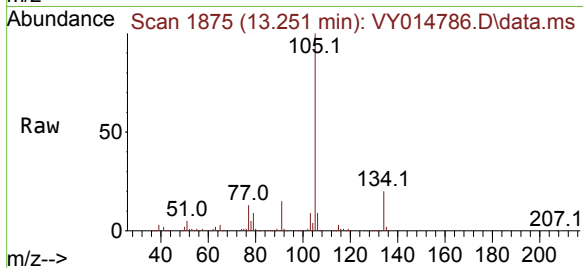
VSTDCCC050EC

Tgt Ion:105 Resp: 595905

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 42.774 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

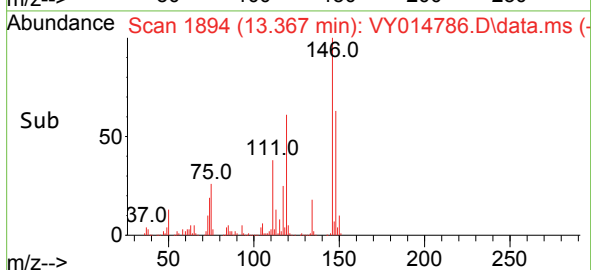
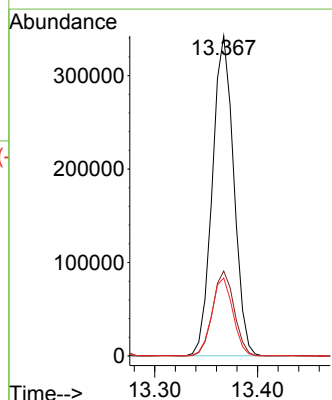
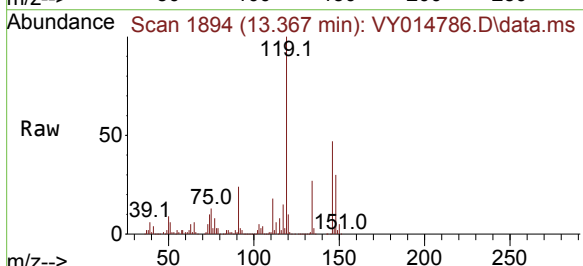
Tgt Ion:119 Resp: 493214

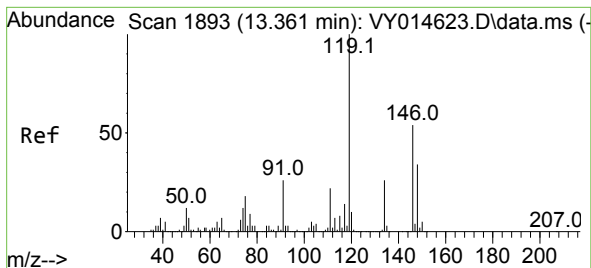
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.217 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

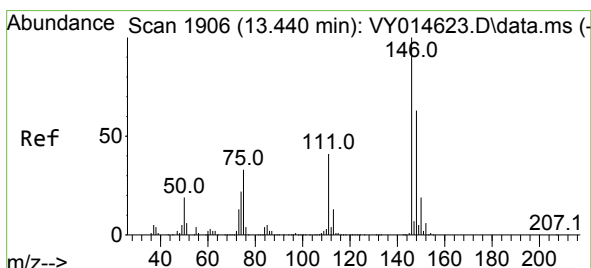
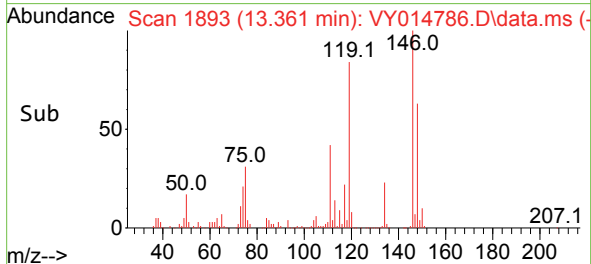
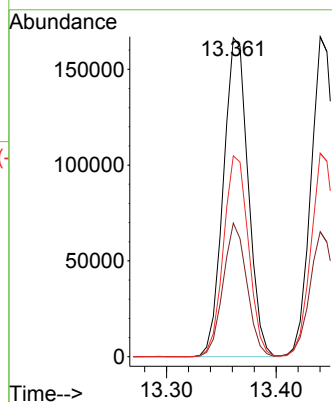
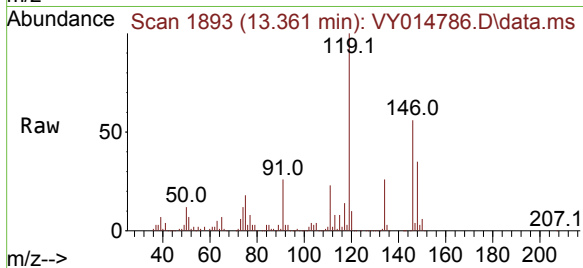
Tgt Ion:146 Resp: 261053

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.810 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

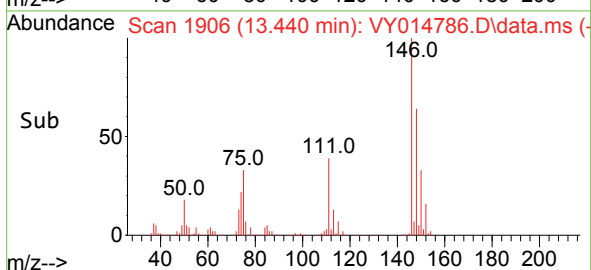
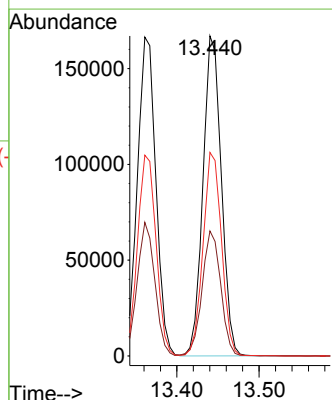
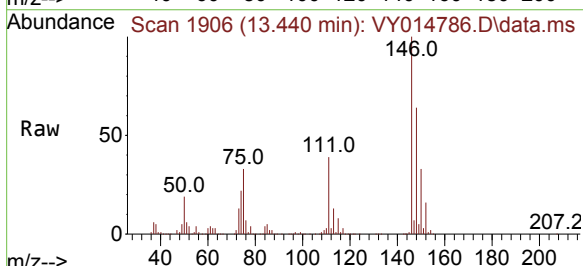
Tgt Ion:146 Resp: 259241

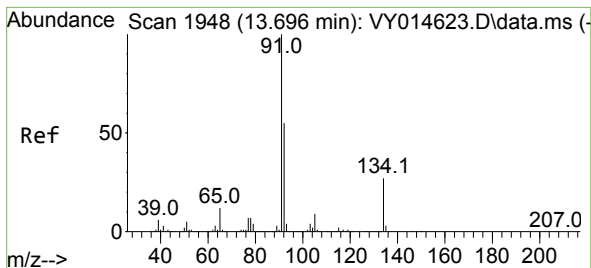
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.7

148 64.0 32.1 96.5

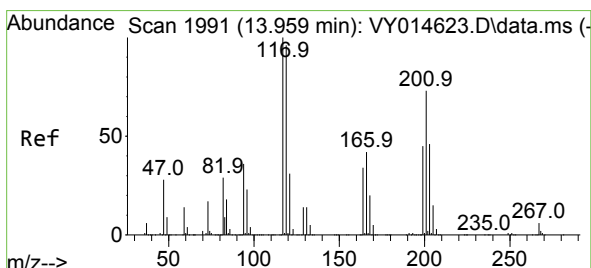
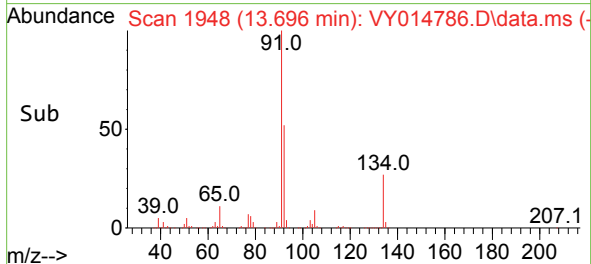
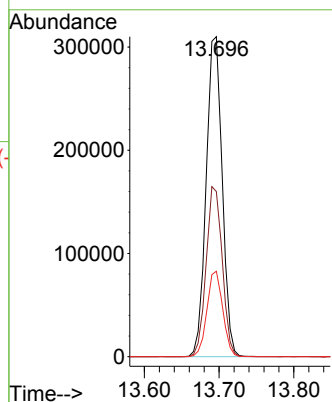
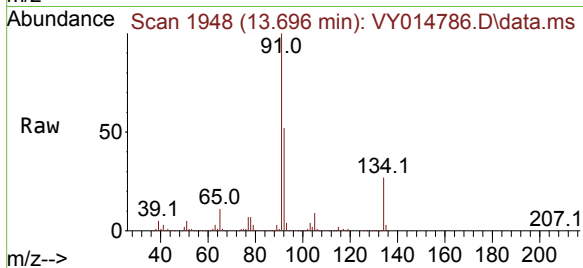




#89
n-Butylbenzene
Concen: 41.222 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

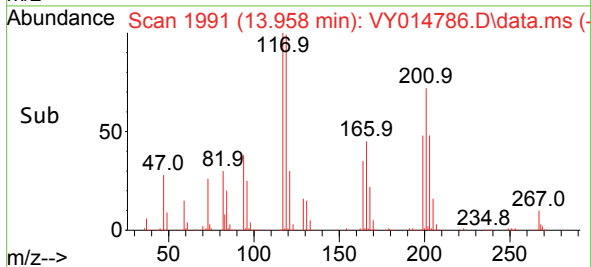
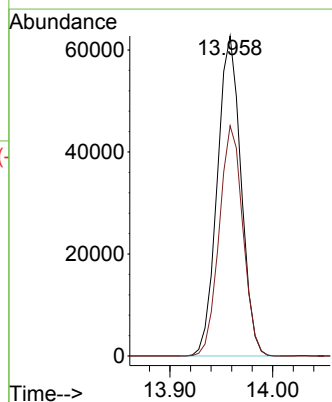
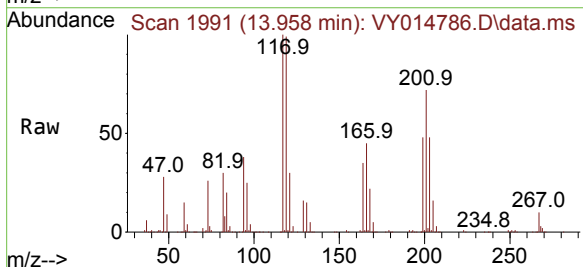
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

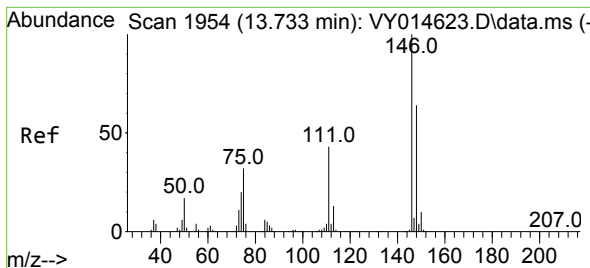
Tgt Ion: 91 Resp: 462434
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.4 12.6 37.6



#90
Hexachloroethane
Concen: 42.432 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 117 Resp: 100495
Ion Ratio Lower Upper
117 100
201 71.8 41.6 124.8

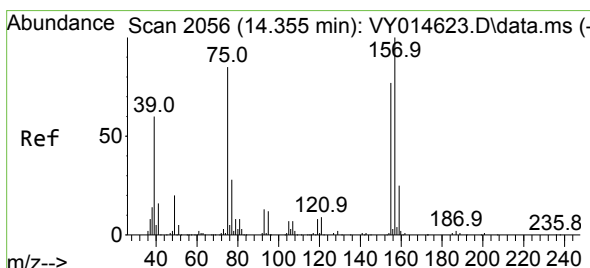
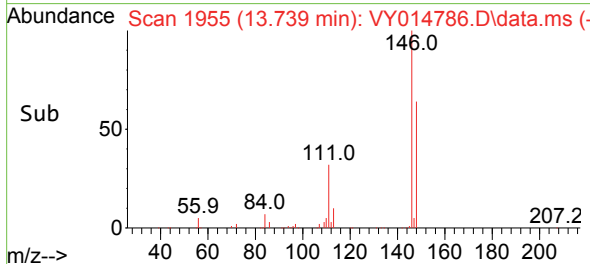
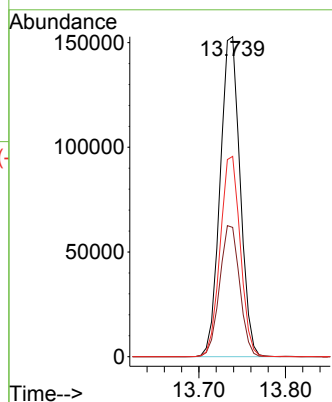
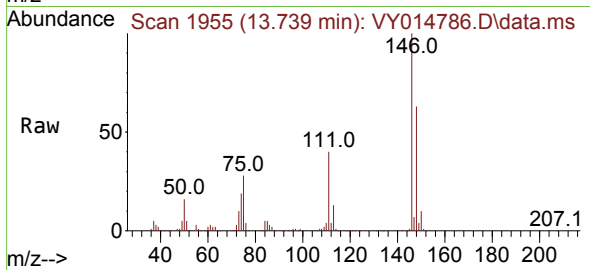




#91
1,2-Dichlorobenzene
Concen: 46.284 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

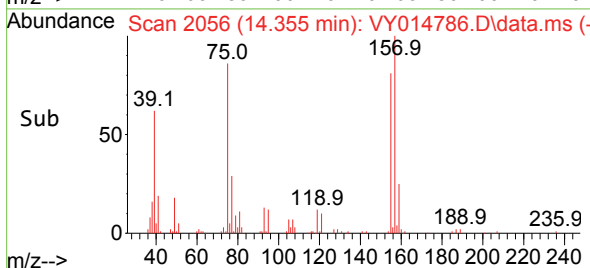
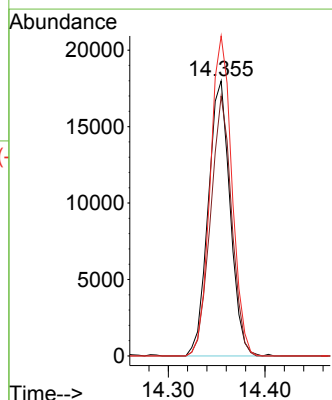
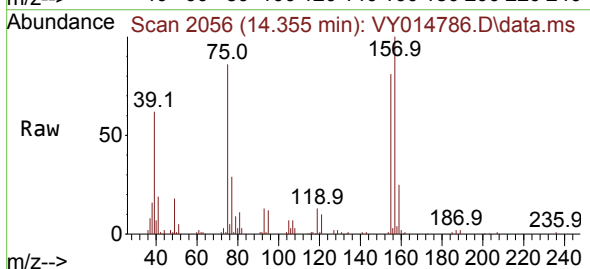
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

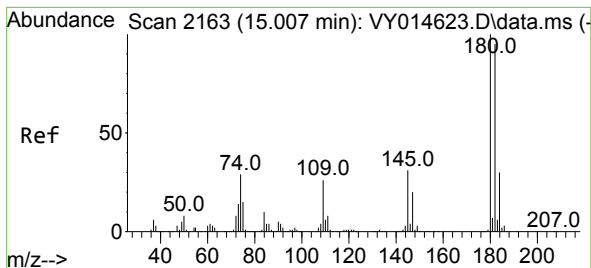
Tgt Ion:146 Resp: 244821
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.882 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014786.D
Acq: 24 Jul 2023 20:38

Tgt Ion: 75 Resp: 28270
Ion Ratio Lower Upper
75 100
155 91.0 41.5 124.6
157 115.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.354 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

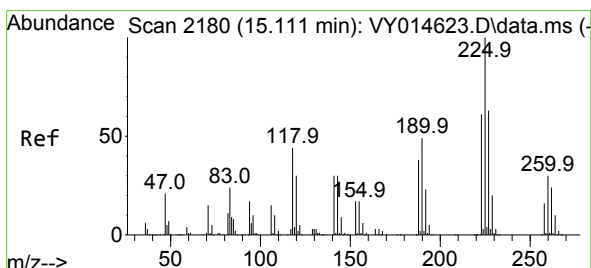
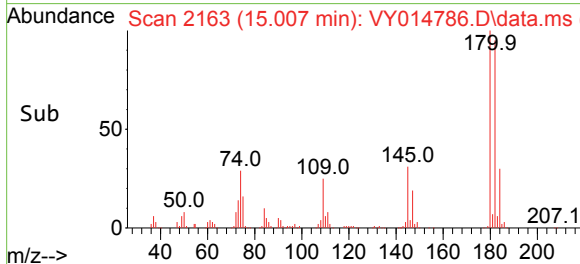
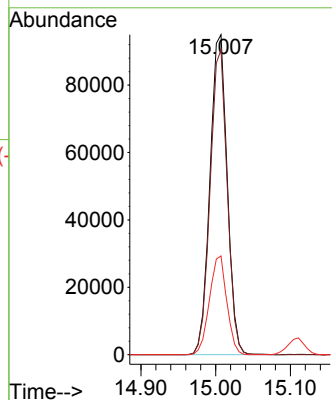
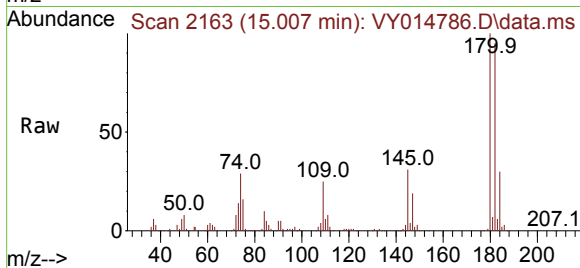
Tgt Ion:180 Resp: 152288

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.359 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

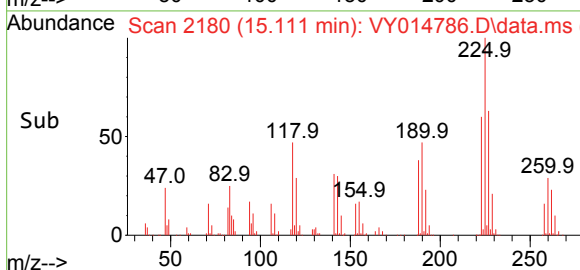
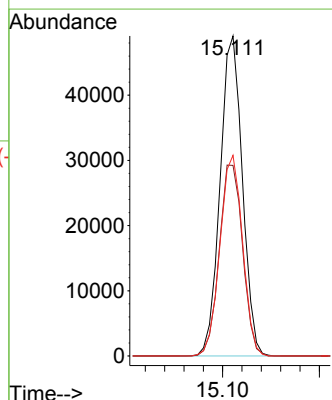
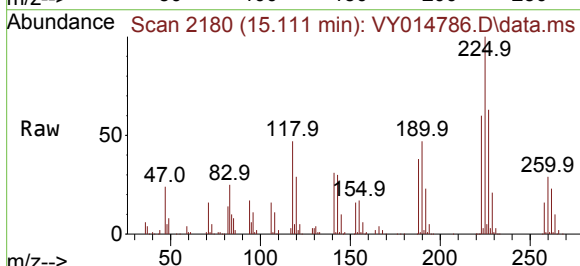
Tgt Ion:225 Resp: 78160

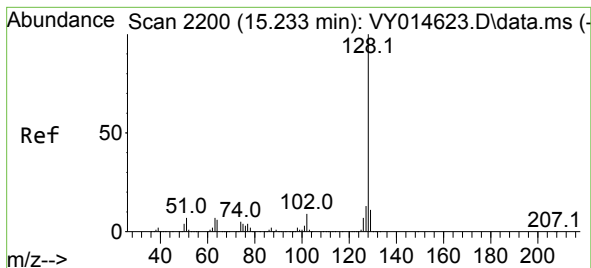
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 50.742 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

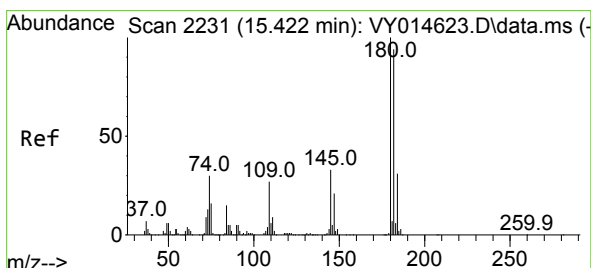
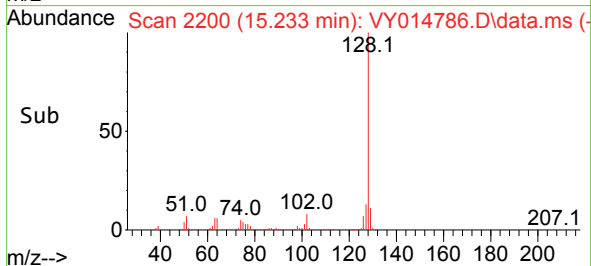
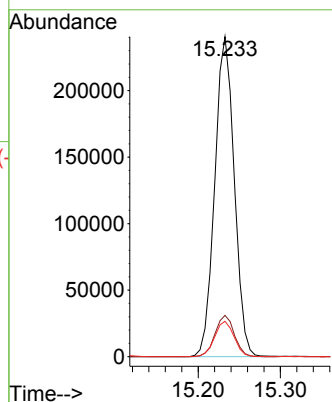
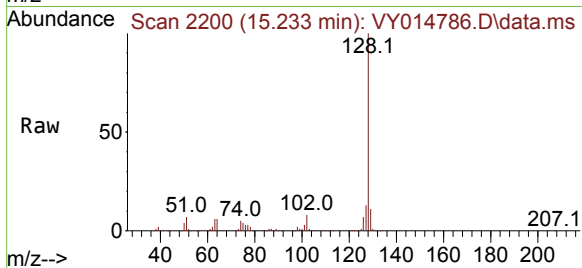
Tgt Ion:128 Resp: 396945

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.746 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014786.D

Acq: 24 Jul 2023 20:38

Tgt Ion:180 Resp: 139499

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.5 15.4 46.2

