

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014967.D
 Acq On : 07 Aug 2023 16:51
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 08 07:50:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	321837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	471226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190560	48.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.716	113	166793	49.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.179	98	625170	49.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.477	95	219623	48.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	83608	46.661	ug/l	98
3) Chloromethane	2.107	50	113208	44.696	ug/l	98
4) Vinyl Chloride	2.247	62	141476	45.330	ug/l	99
5) Bromomethane	2.637	94	104470	52.495	ug/l	97
6) Chloroethane	2.784	64	100670	46.717	ug/l	92
7) Trichlorofluoromethane	3.113	101	230064	46.647	ug/l	99
8) Diethyl Ether	3.521	74	86938	47.770	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	138167	47.324	ug/l	96
10) Methyl Iodide	4.082	142	154359	51.137	ug/l	97
11) Tert butyl alcohol	4.948	59	152791	162.299	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	120530	47.380	ug/l	92
13) Acrolein	3.723	56	71183	222.267	ug/l	99
14) Allyl chloride	4.472	41	204835	48.354	ug/l	97
15) Acrylonitrile	5.155	53	267268	240.382	ug/l	99
16) Acetone	3.942	43	296474	243.735	ug/l	89
17) Carbon Disulfide	4.186	76	256101	45.534	ug/l	97
18) Methyl Acetate	4.466	43	210327	47.481	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	464666	48.280	ug/l	99
20) Methylene Chloride	4.710	84	222705	48.015	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	136874	47.204	ug/l	91
22) Diisopropyl ether	6.112	45	483550	49.006	ug/l	92
23) Vinyl Acetate	6.051	43	1464955	246.978	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	270017	48.244	ug/l	98
25) 2-Butanone	6.978	43	414843	238.112	ug/l	96
26) 2,2-Dichloropropane	6.972	77	264589	46.721	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	176819	48.186	ug/l	96
28) Bromochloromethane	7.332	49	123184	48.824	ug/l	92
29) Tetrahydrofuran	7.344	42	240574	235.471	ug/l	91
30) Chloroform	7.502	83	299841	49.317	ug/l	98
31) Cyclohexane	7.777	56	198111	49.027	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	260922	48.698	ug/l	99
36) 1,1-Dichloropropene	7.911	75	200823	48.326	ug/l	99
37) Ethyl Acetate	7.069	43	156108	47.326	ug/l #	95
38) Carbon Tetrachloride	7.899	117	230856	49.416	ug/l	97
39) Methylcyclohexane	9.179	83	235404	47.634	ug/l	93
40) Benzene	8.155	78	588273	48.075	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	224347	139.954	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	207485	48.712	ug/l	96
43) Isopropyl Acetate	8.270	43	296179	48.329	ug/l	97
44) Trichloroethene	8.935	130	169181	48.184	ug/l	97
45) 1,2-Dichloropropane	9.209	63	158931	48.870	ug/l	99
46) Dibromomethane	9.301	93	101881	48.631	ug/l	97
47) Bromodichloromethane	9.496	83	240847	49.923	ug/l	99
48) Methyl methacrylate	9.289	41	131814	49.022	ug/l	94
49) 1,4-Dioxane	9.295	88	37177	954.046	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	840272	243.302	ug/l	93
52) Toluene	10.240	92	381242	48.415	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	251615	50.082	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	271807	50.075	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	147691	48.505	ug/l	96
56) Ethyl methacrylate	10.508	69	218893	50.206	ug/l	91
57) 1,3-Dichloropropane	10.788	76	247153	49.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	514206	249.431	ug/l	93
59) 2-Hexanone	10.831	43	623551	244.411	ug/l	92
60) Dibromochloromethane	10.983	129	180884	49.892	ug/l	99
61) 1,2-Dibromoethane	11.087	107	140930	48.491	ug/l	99
64) Tetrachloroethene	10.715	164	176893	49.904	ug/l	97
65) Chlorobenzene	11.514	112	434989	48.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	174603	49.833	ug/l	99
67) Ethyl Benzene	11.587	91	766371	48.838	ug/l	100
68) m/p-Xylenes	11.697	106	584701	97.401	ug/l	96
69) o-Xylene	12.026	106	286870	48.837	ug/l	98
70) Styrene	12.044	104	495091	49.319	ug/l	97
71) Bromoform	12.209	173	120434	49.868	ug/l #	100
73) Isopropylbenzene	12.325	105	773269	49.027	ug/l	100
74) N-amyl acetate	12.142	43	264551	49.092	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	187251	48.581	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	246864	87.806	ug/l #	100
77) Bromobenzene	12.605	156	185784	48.561	ug/l	97
78) n-propylbenzene	12.666	91	923971	48.979	ug/l	100
79) 2-Chlorotoluene	12.751	91	521719	48.526	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	635951	48.928	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	63553	49.799	ug/l	97
82) 4-Chlorotoluene	12.855	91	541803	48.748	ug/l	99
83) tert-Butylbenzene	13.074	119	580510	48.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	641392	49.253	ug/l	99
85) sec-Butylbenzene	13.251	105	856645	49.089	ug/l	99
86) p-Isopropyltoluene	13.367	119	711769	49.274	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	364373	48.657	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	364069	48.750	ug/l	99
89) n-Butylbenzene	13.696	91	673383	49.615	ug/l	97
90) Hexachloroethane	13.958	117	138585	49.404	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	339693	49.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36348	48.298	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	221651	50.118	ug/l	98
94) Hexachlorobutadiene	15.111	225	120338	50.178	ug/l	97
95) Naphthalene	15.233	128	521946	50.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	200968	50.202	ug/l	99

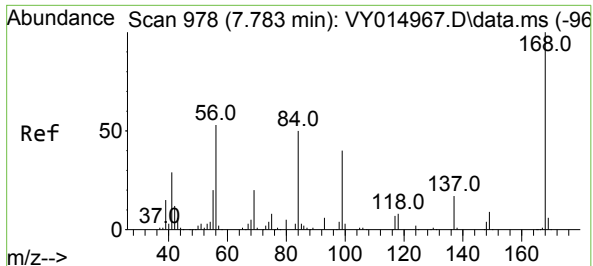
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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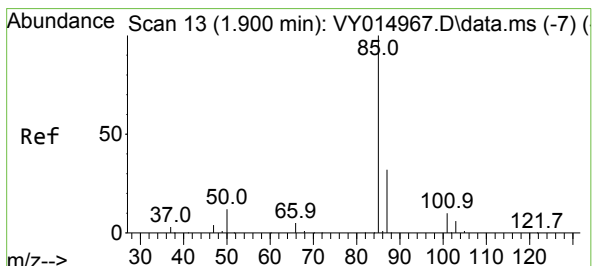
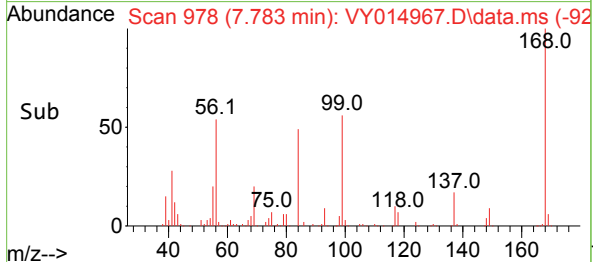
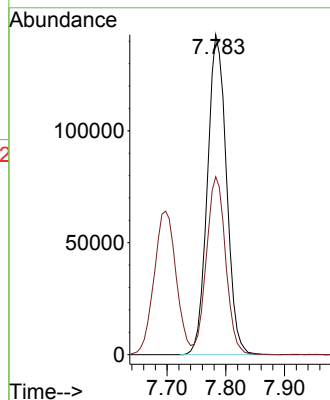
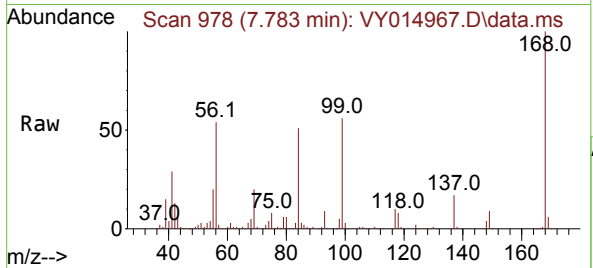
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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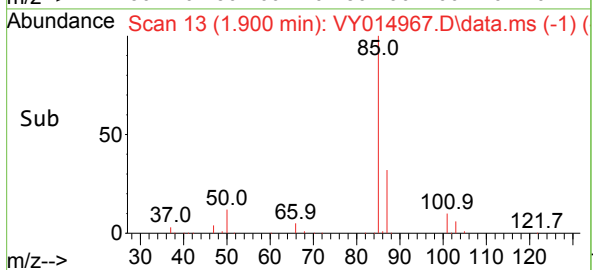
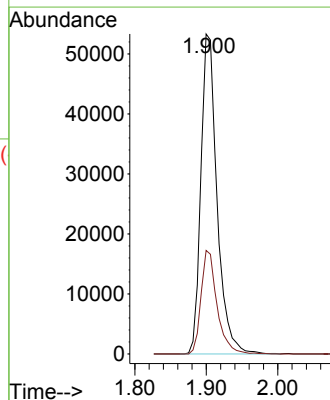
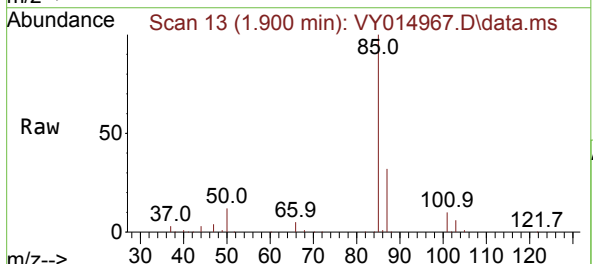
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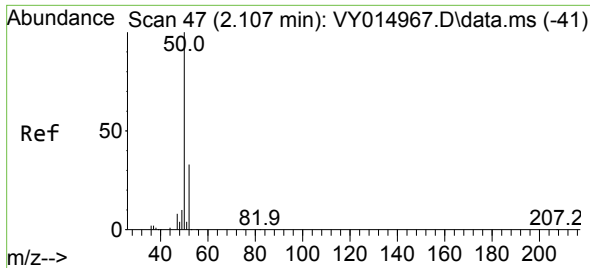
Tgt Ion:168 Resp: 321837
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.661 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 85 Resp: 83608
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

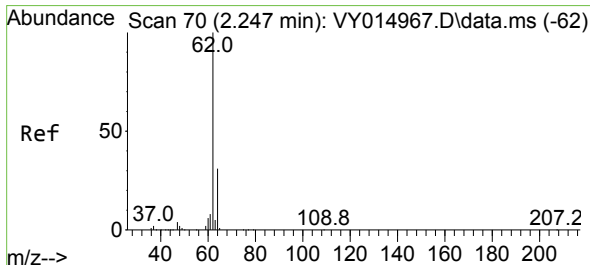
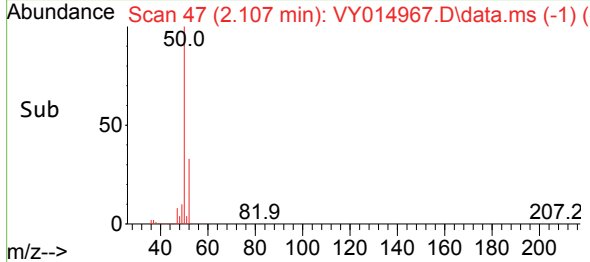
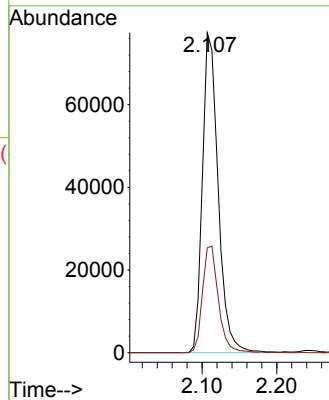
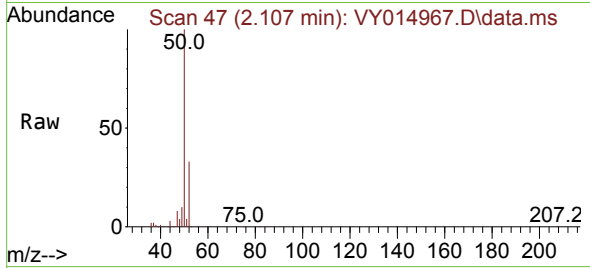




#3
Chloromethane
Concen: 44.696 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

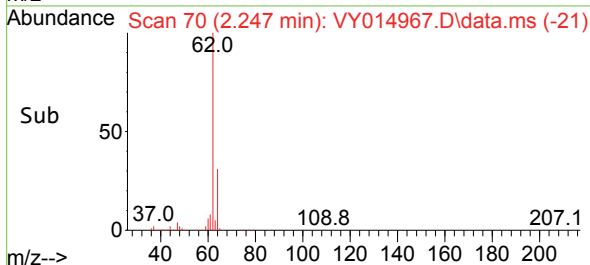
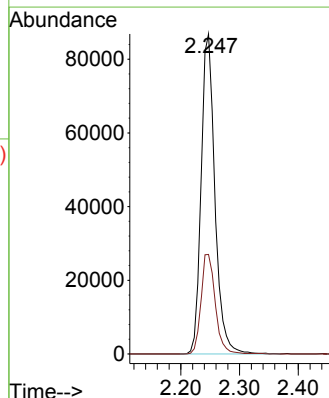
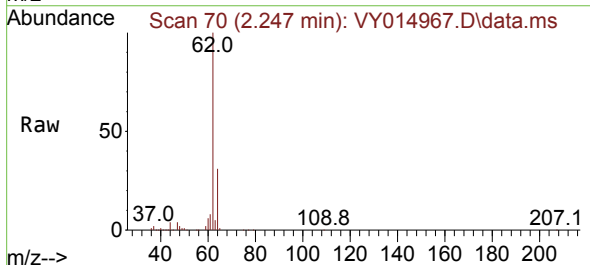
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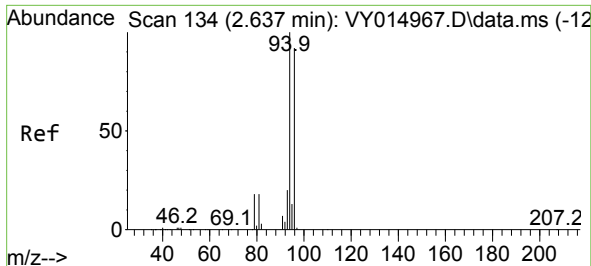
Tgt Ion: 50 Resp: 113208
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 45.330 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 62 Resp: 141476
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5

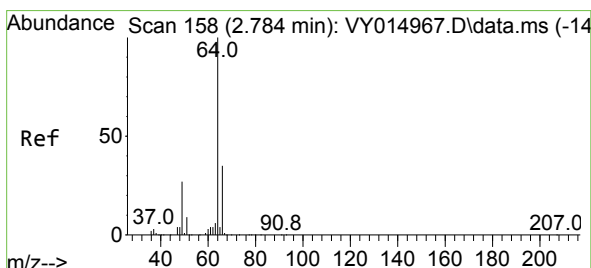
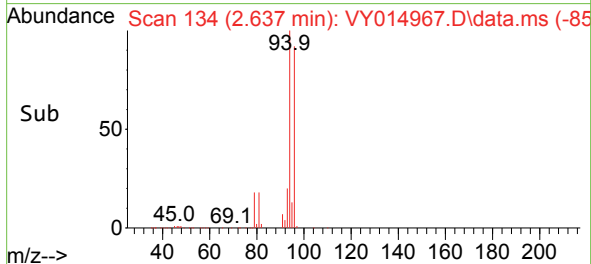
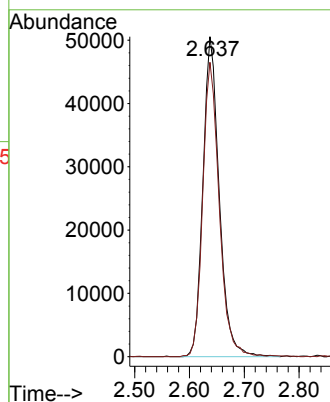
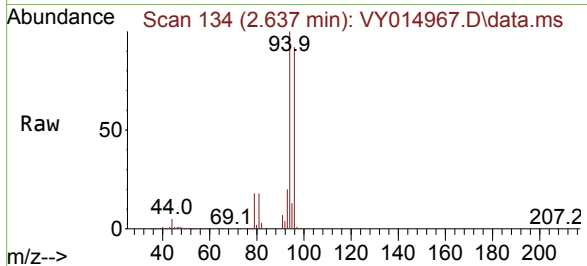




#5
Bromomethane
Concen: 52.495 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014967.D
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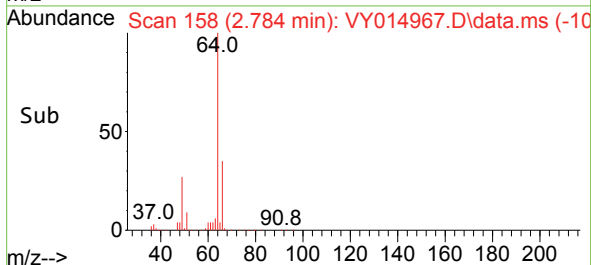
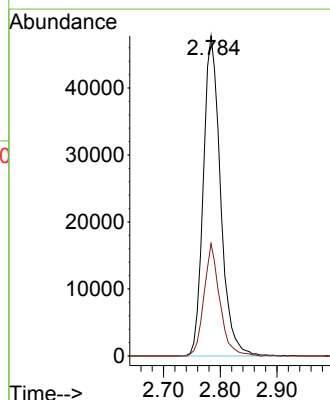
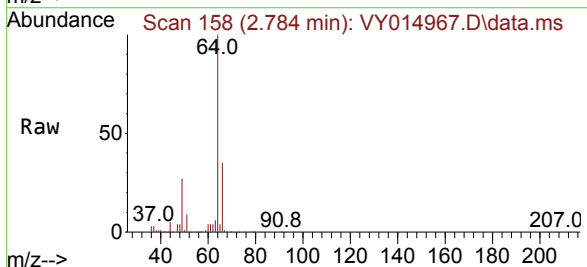
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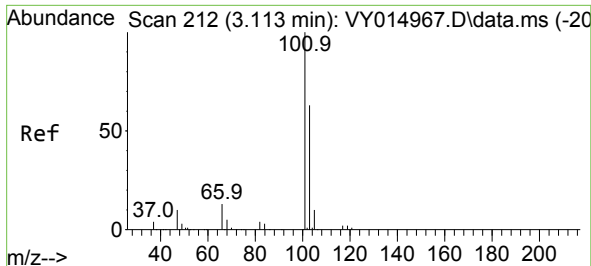
Tgt Ion: 94 Resp: 104470
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6



#6
Chloroethane
Concen: 46.717 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 64 Resp: 100670
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6

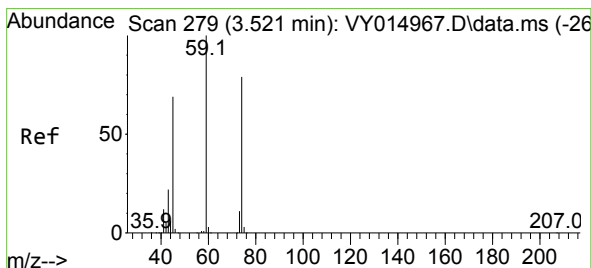
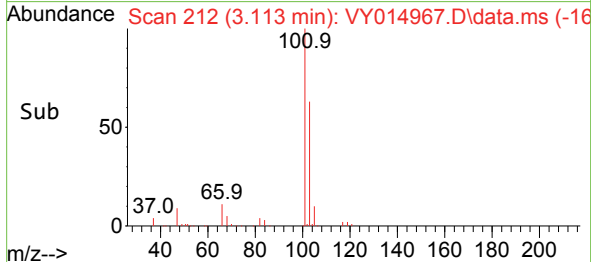
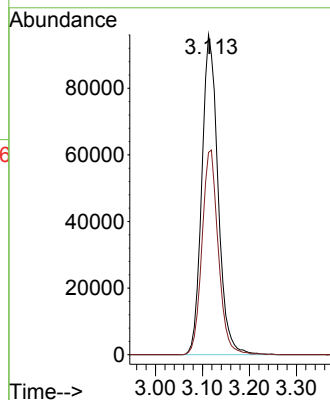
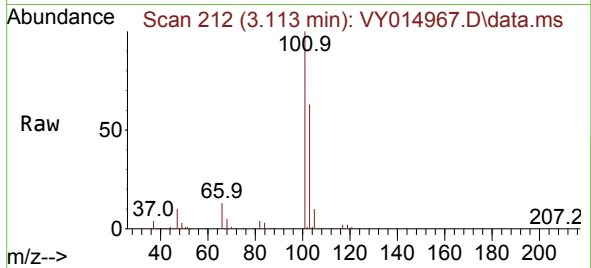




#7
 Trichlorofluoromethane
 Concen: 46.647 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014967.D
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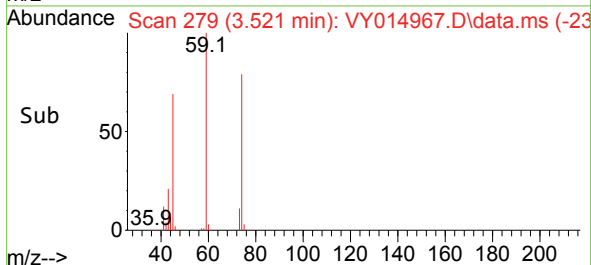
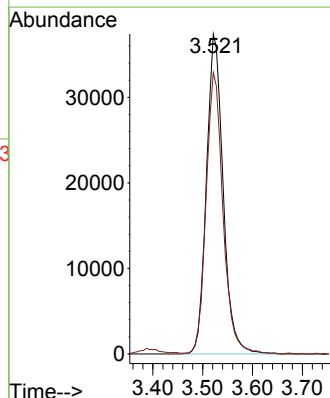
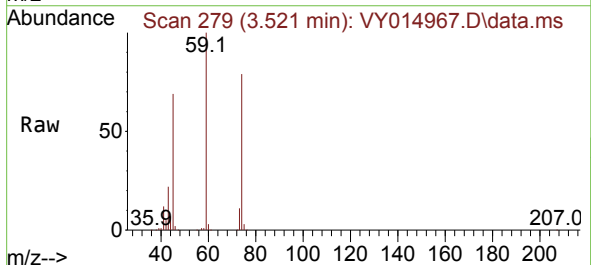
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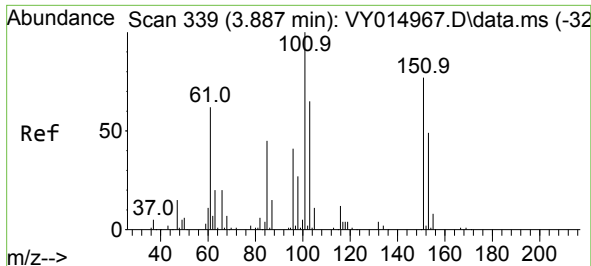
Tgt Ion:101 Resp: 230064
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.770 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

Tgt Ion: 74 Resp: 86938
 Ion Ratio Lower Upper
 74 100
 45 89.7 51.5 154.5

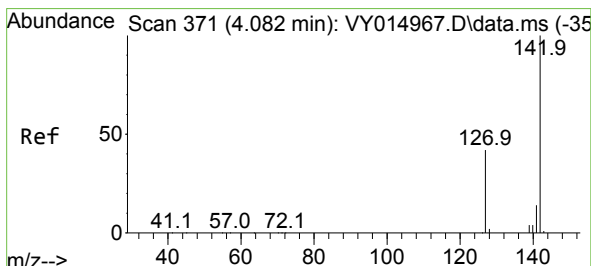
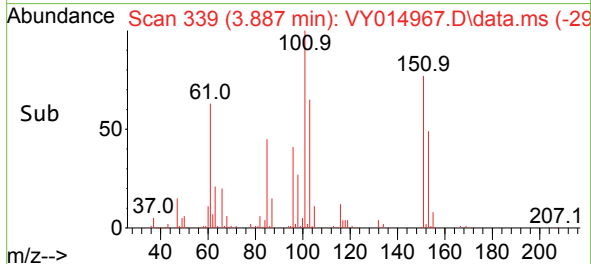
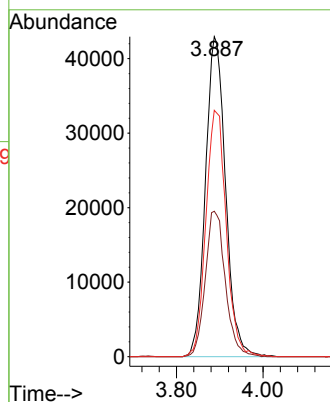
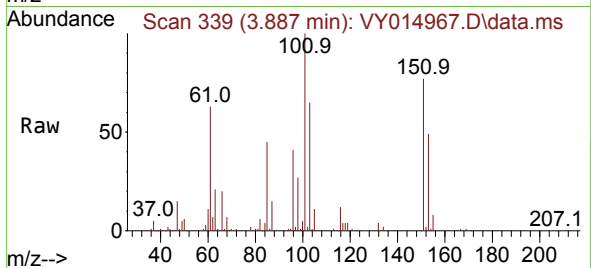




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.324 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
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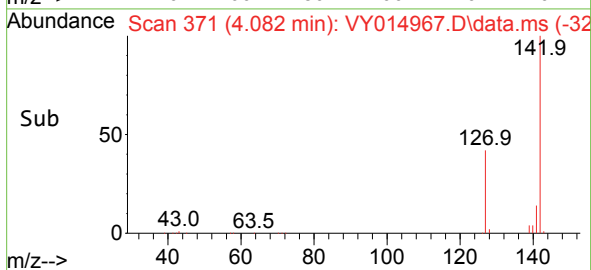
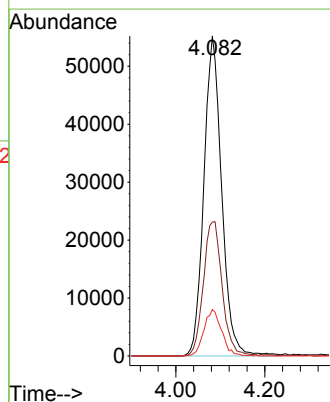
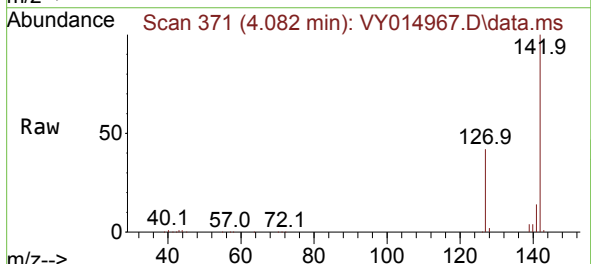
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ClientSampleId :
VSTDICCC050

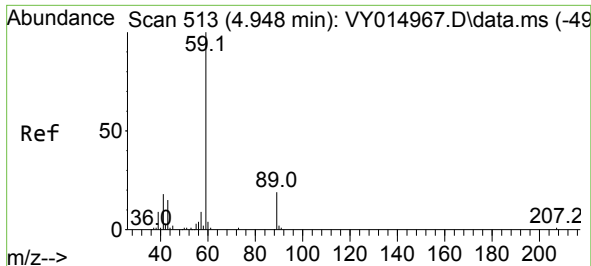
Tgt Ion:101 Resp: 138167
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 51.137 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion:142 Resp: 154359
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 162.299 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

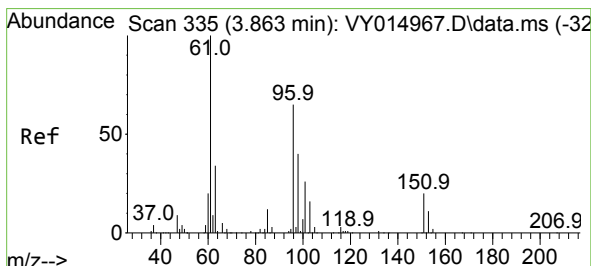
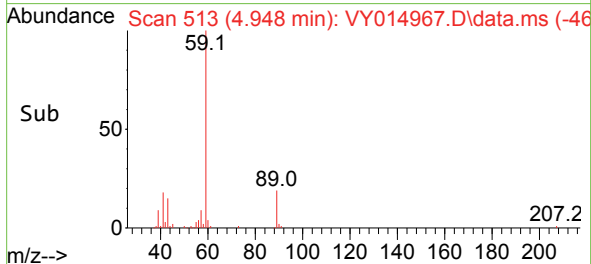
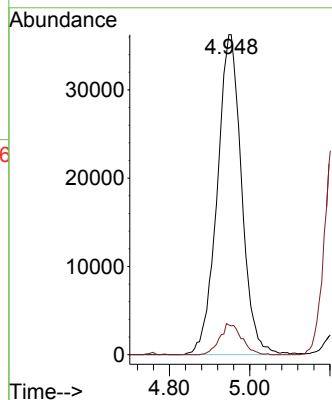
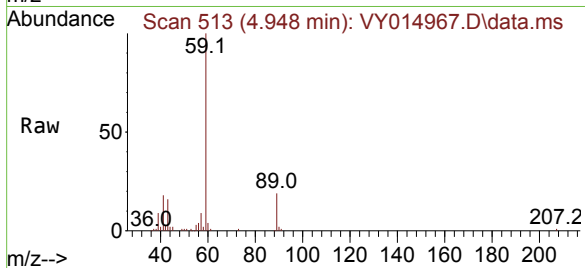
VSTDICCC050

Tgt Ion: 59 Resp: 152791

Ion Ratio Lower Upper

59 100

57 8.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 47.380 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

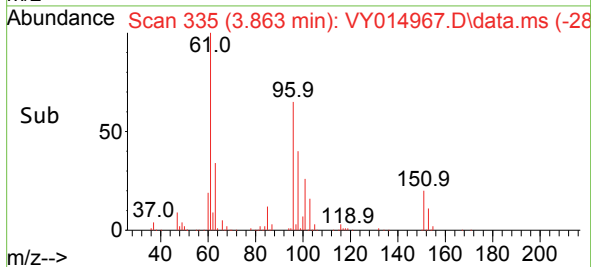
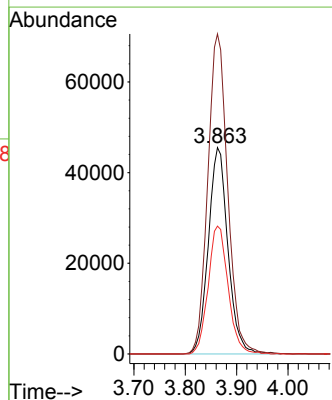
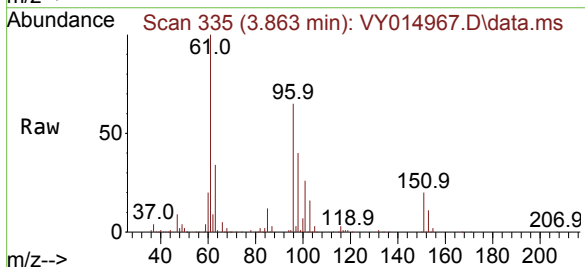
Tgt Ion: 96 Resp: 120530

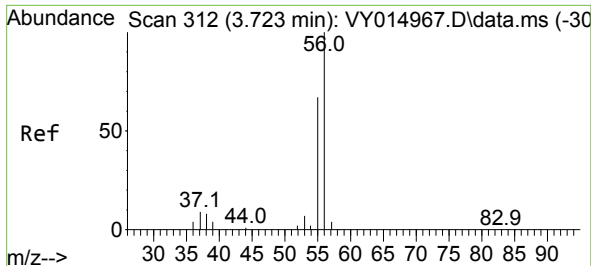
Ion Ratio Lower Upper

96 100

61 155.0 136.4 204.6

98 61.9 49.4 74.2





#13

Acrolein

Concen: 222.267 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

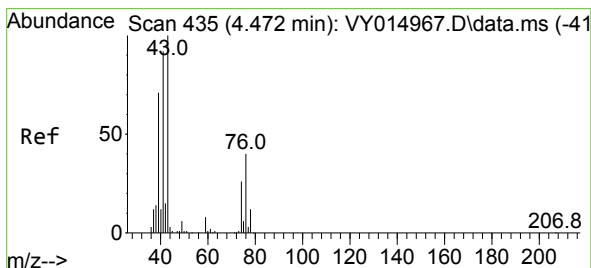
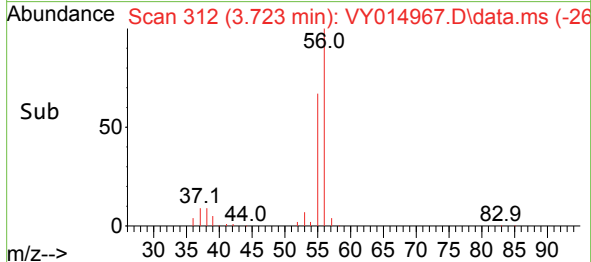
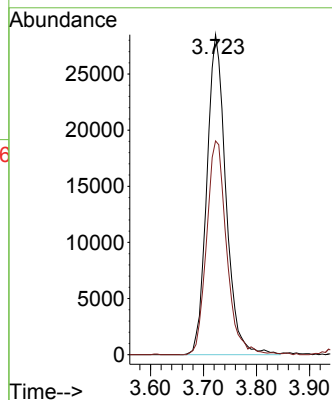
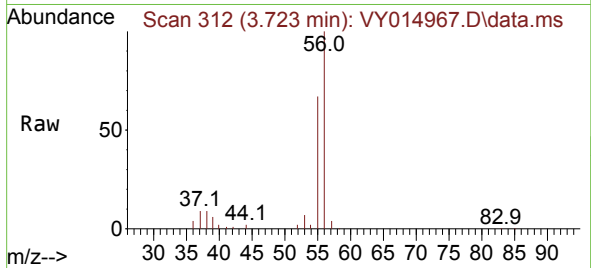
VSTDICCC050

Tgt Ion: 56 Resp: 71183

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 48.354 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

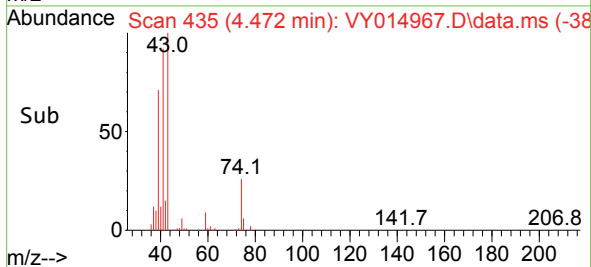
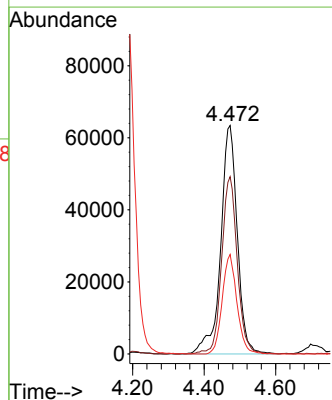
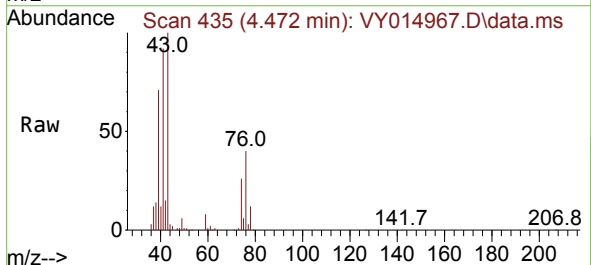
Tgt Ion: 41 Resp: 204835

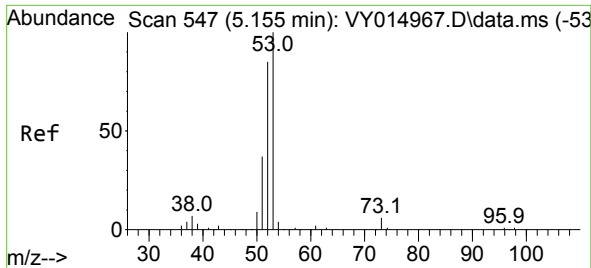
Ion Ratio Lower Upper

41 100

39 72.8 58.0 87.0

76 38.5 27.4 41.2

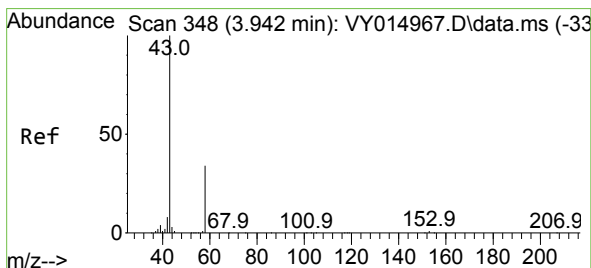
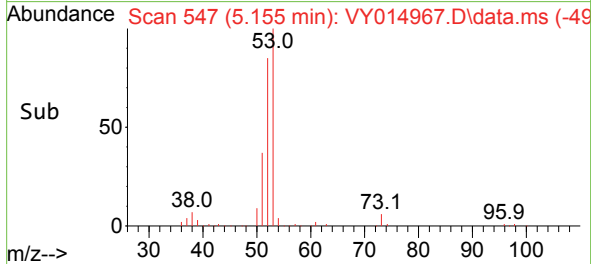
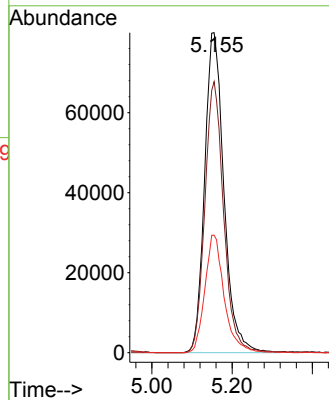
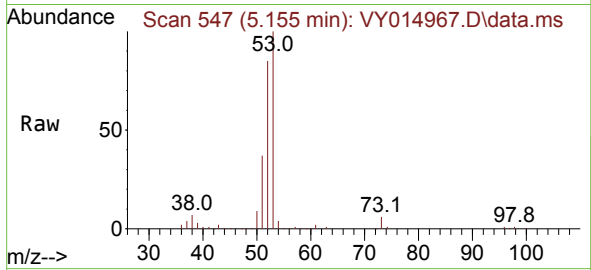




#15
Acrylonitrile
Concen: 240.382 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

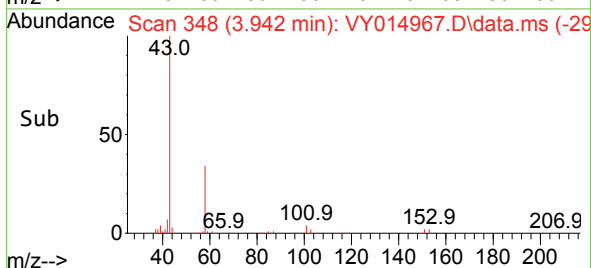
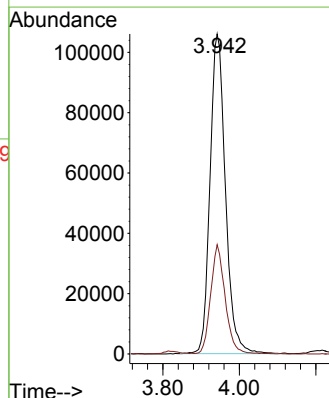
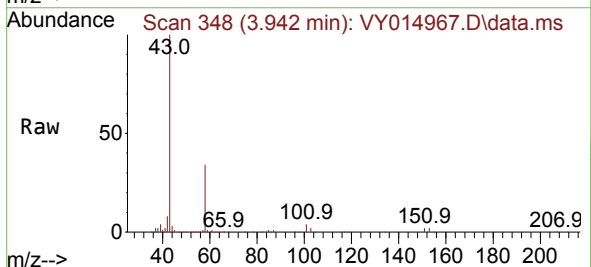
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

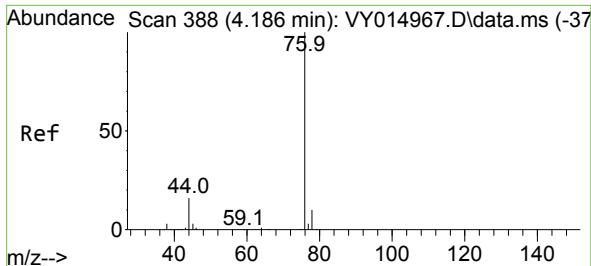
Tgt Ion: 53 Resp: 267268
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.8 29.8 44.6



#16
Acetone
Concen: 243.735 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 43 Resp: 296474
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1

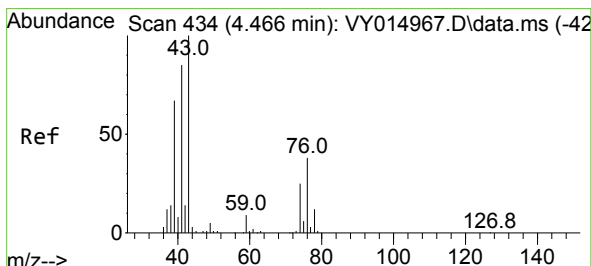
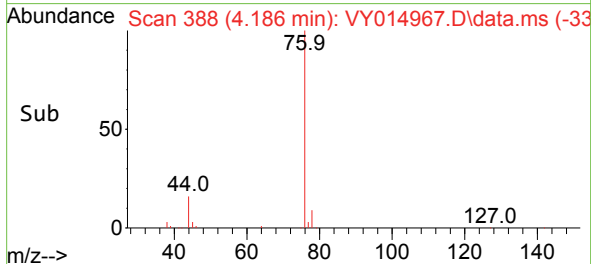
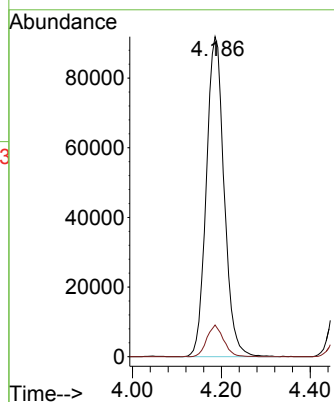
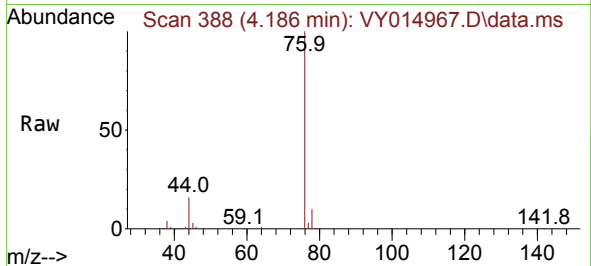




#17
Carbon Disulfide
Concen: 45.534 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

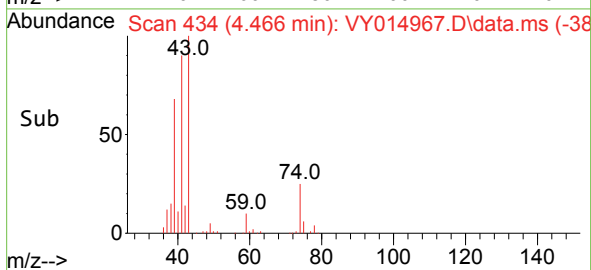
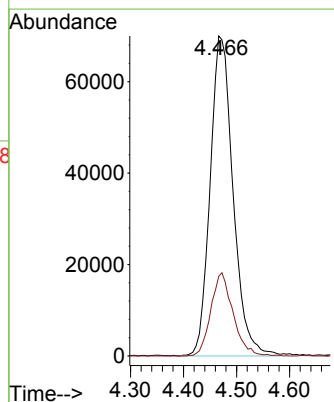
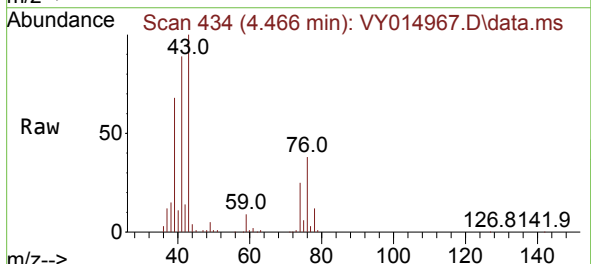
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

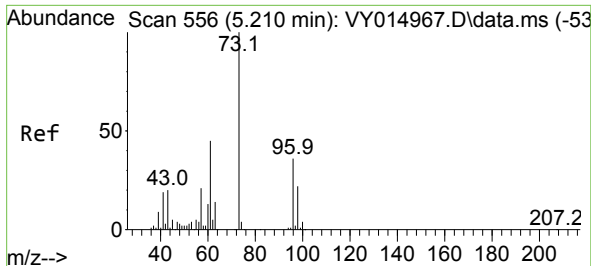
Tgt Ion: 76 Resp: 256101
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 47.481 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 43 Resp: 210327
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

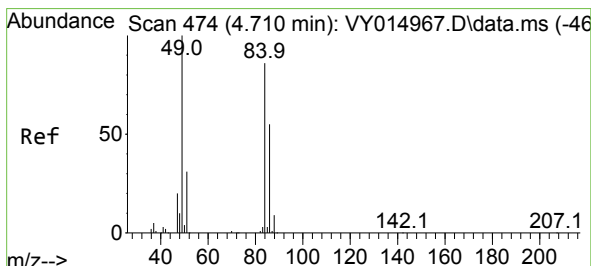
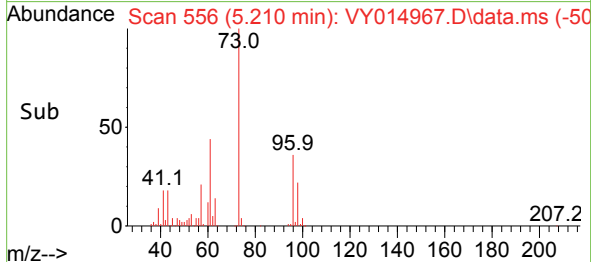
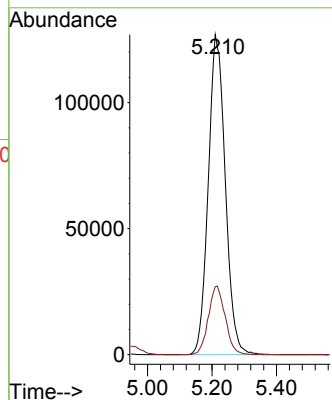
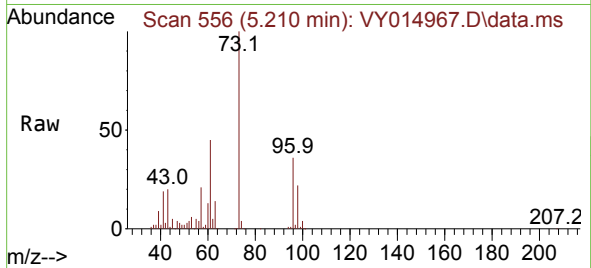




#19
Methyl tert-butyl Ether
Concen: 48.280 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

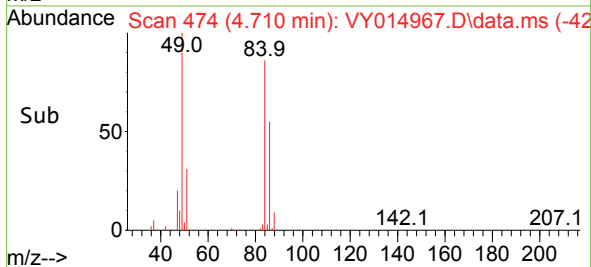
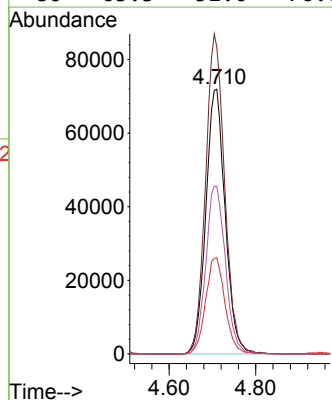
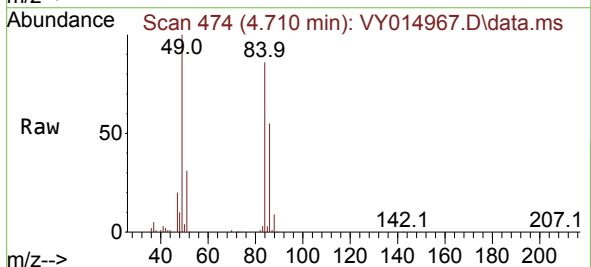
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

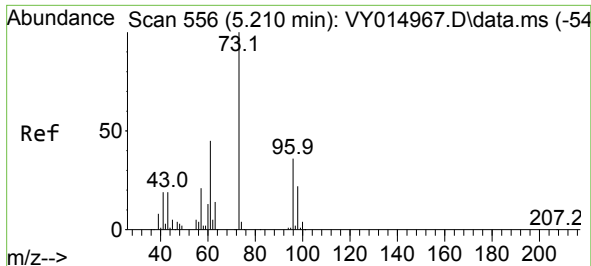
Tgt Ion: 73 Resp: 464666
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 48.015 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 84 Resp: 222705
Ion Ratio Lower Upper
84 100
49 115.7 106.9 160.3
51 36.3 33.2 49.8
86 63.3 51.0 76.6

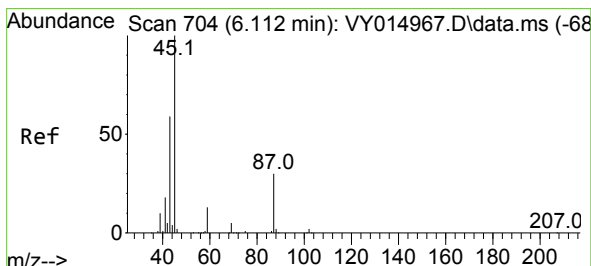
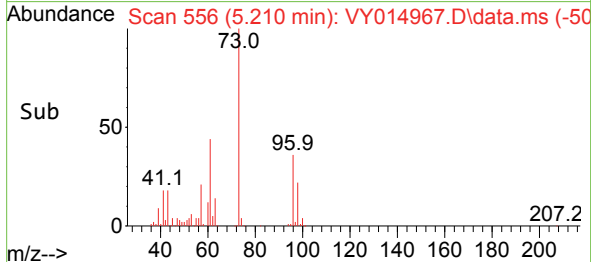
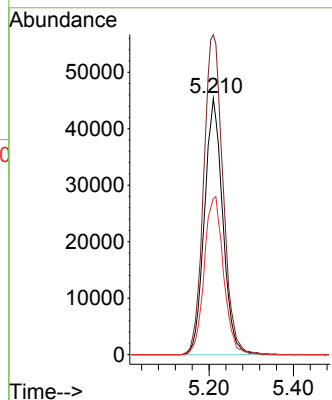
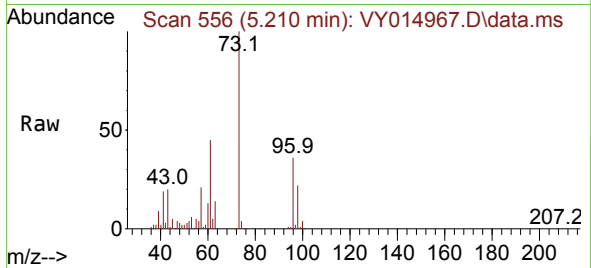




#21
trans-1,2-Dichloroethene
Concen: 47.204 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

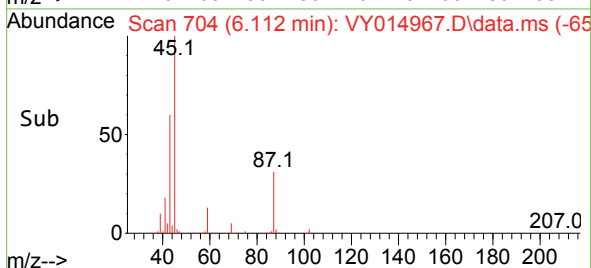
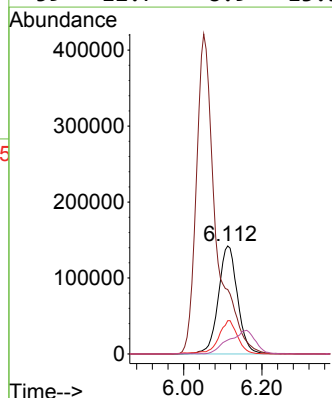
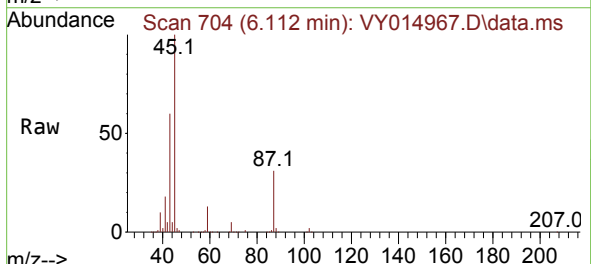
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

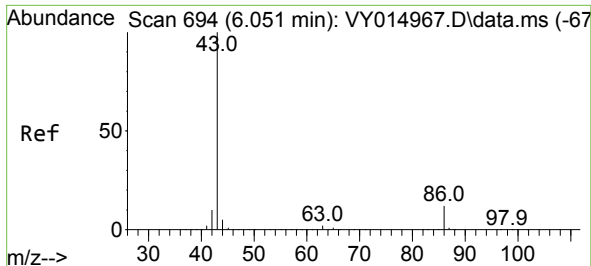
Tgt Ion: 96 Resp: 136874
Ion Ratio Lower Upper
96 100
61 124.8 110.2 165.4
98 60.9 51.8 77.6



#22
Diisopropyl ether
Concen: 49.006 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 45 Resp: 483550
Ion Ratio Lower Upper
45 100
43 59.2 52.2 78.4
87 30.8 21.0 31.6
59 12.7 8.9 13.3

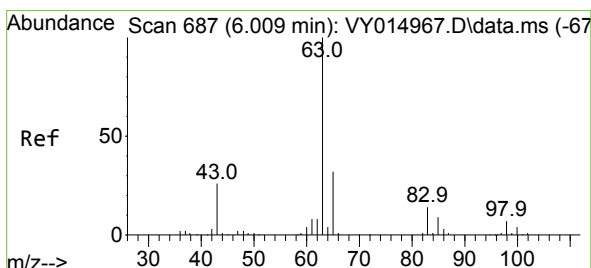
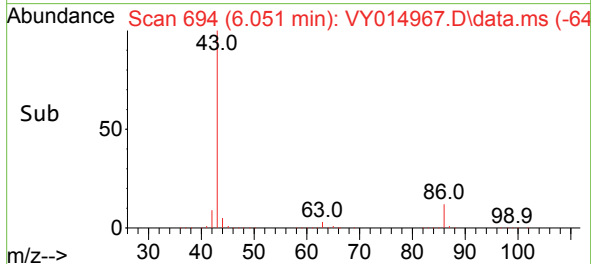
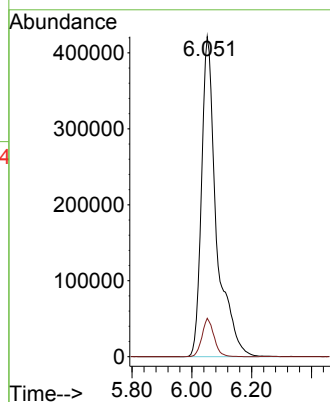
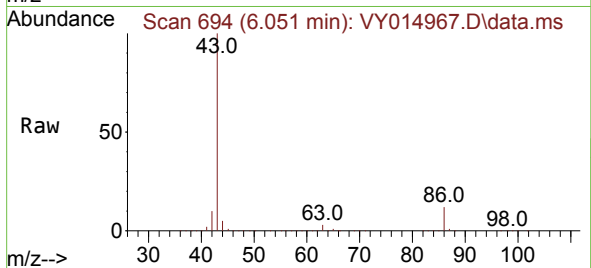




#23
 Vinyl Acetate
 Concen: 246.978 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

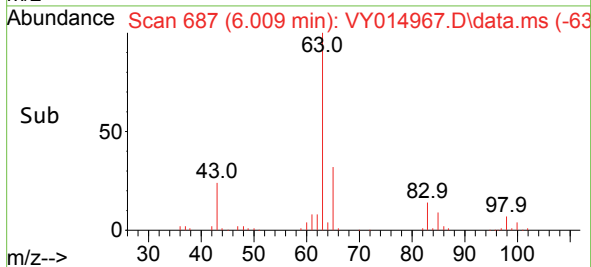
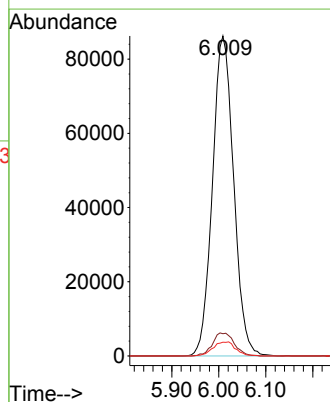
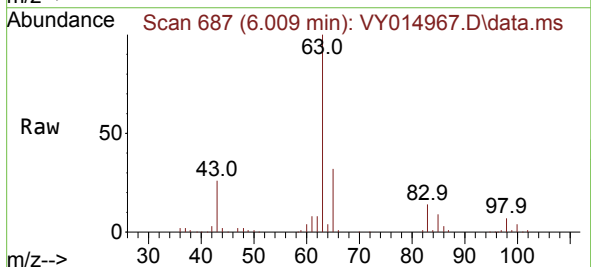
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

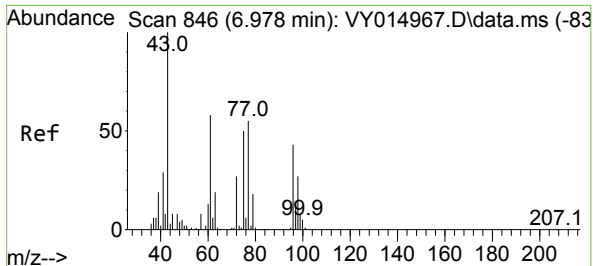
Tgt Ion: 43 Resp: 1464955
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.244 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

Tgt Ion: 63 Resp: 270017
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 238.112 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

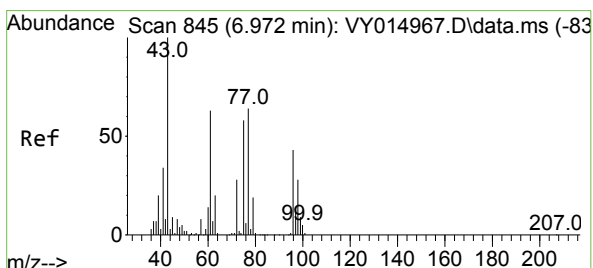
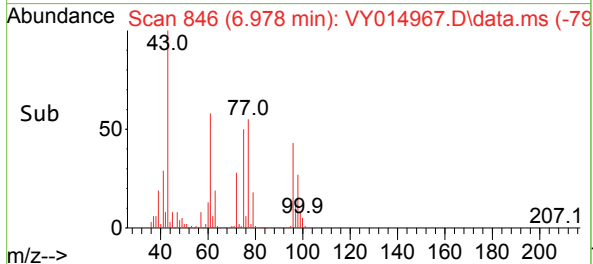
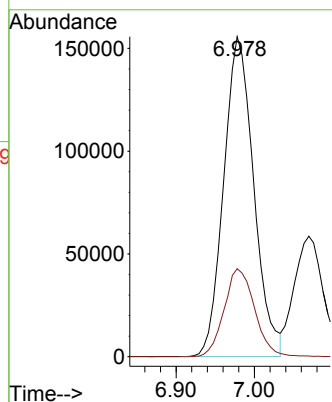
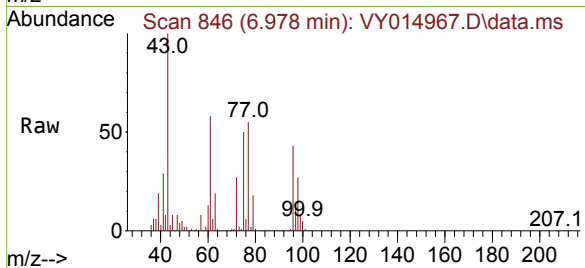
VSTDICCC050

Tgt Ion: 43 Resp: 414843

Ion Ratio Lower Upper

43 100

72 27.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.721 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY014967.D

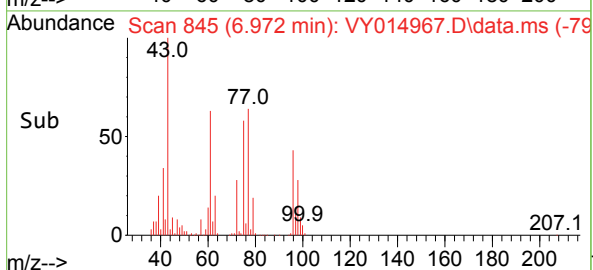
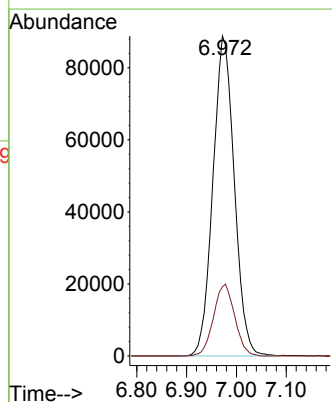
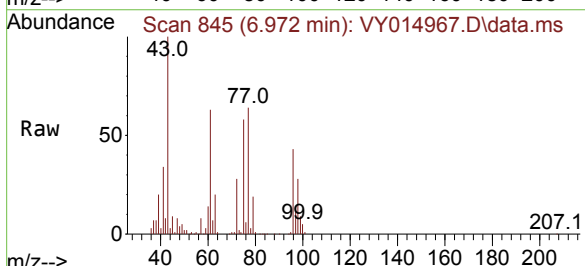
Acq: 07 Aug 2023 16:51

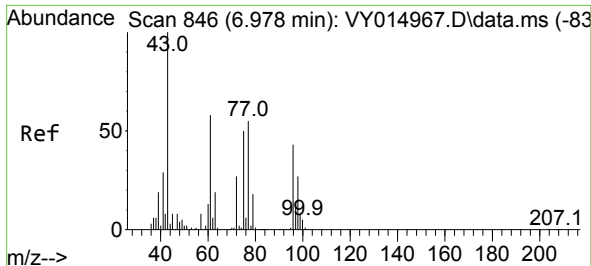
Tgt Ion: 77 Resp: 264589

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.186 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

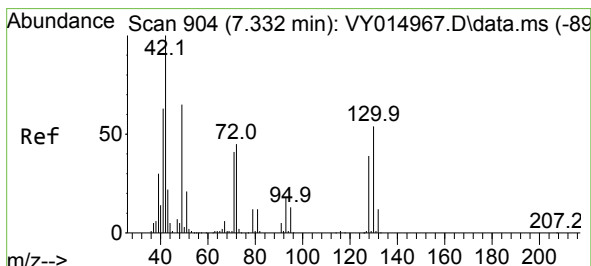
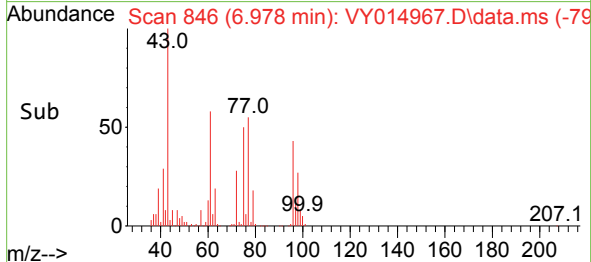
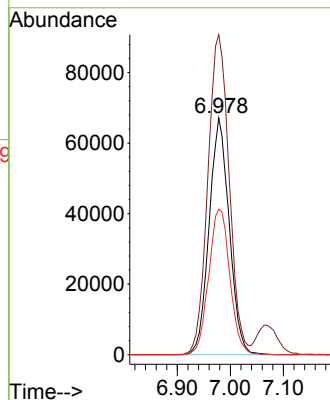
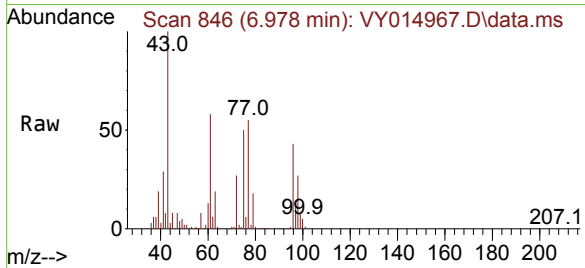
Tgt Ion: 96 Resp: 176819

Ion Ratio Lower Upper

96 100

61 143.5 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 48.824 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

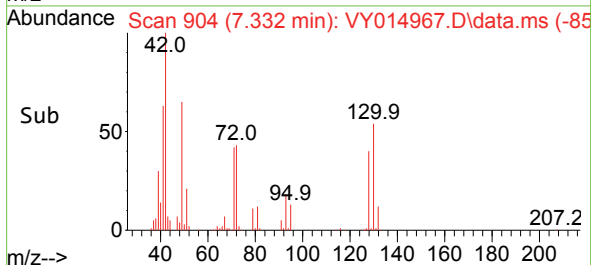
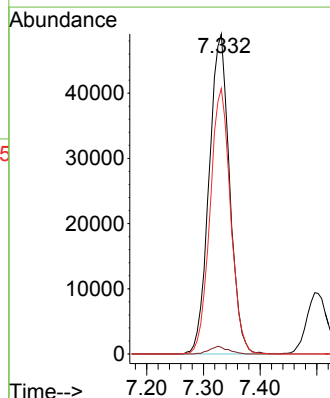
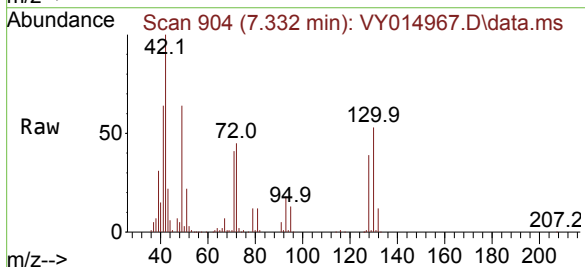
Tgt Ion: 49 Resp: 123184

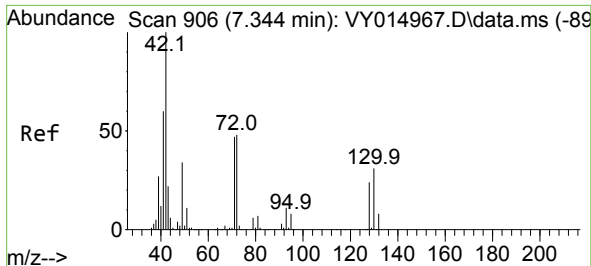
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 235.471 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

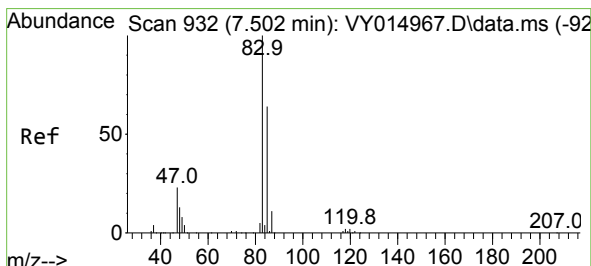
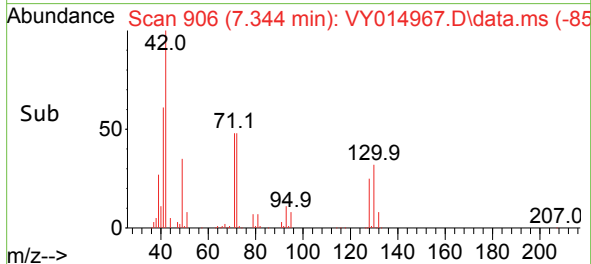
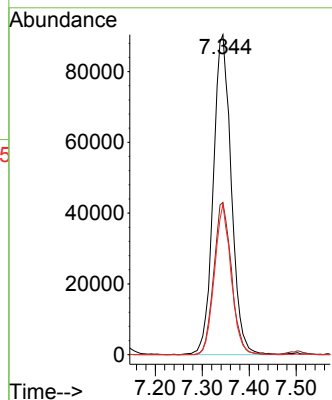
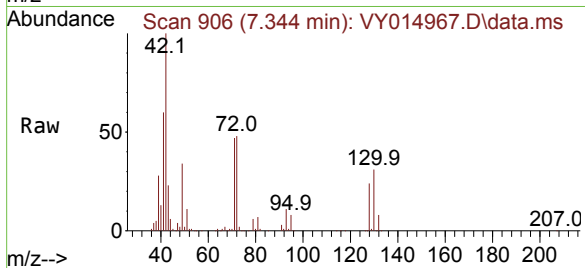
Tgt Ion: 42 Resp: 240574

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 43.6 31.0 46.4



#30

Chloroform

Concen: 49.317 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014967.D

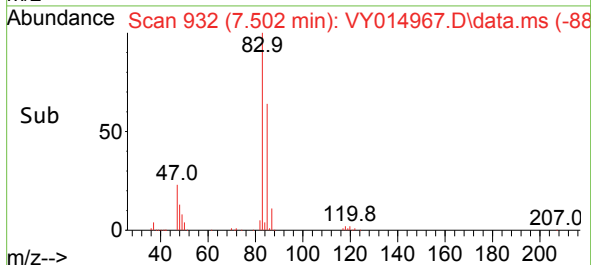
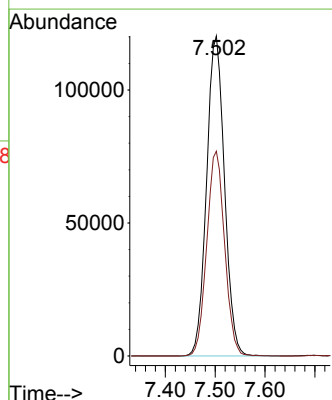
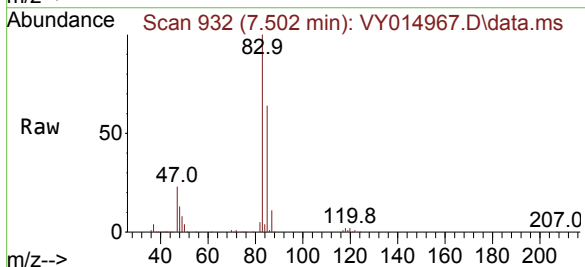
Acq: 07 Aug 2023 16:51

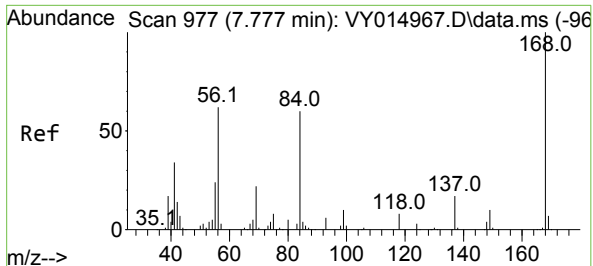
Tgt Ion: 83 Resp: 299841

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5

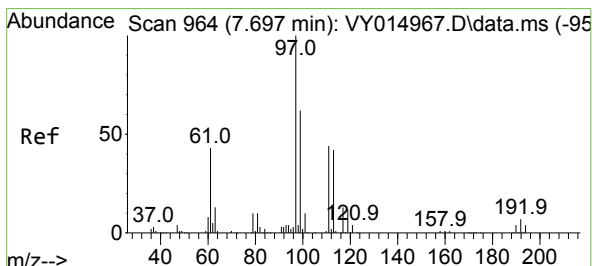
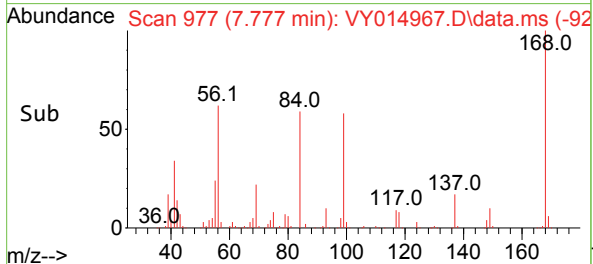
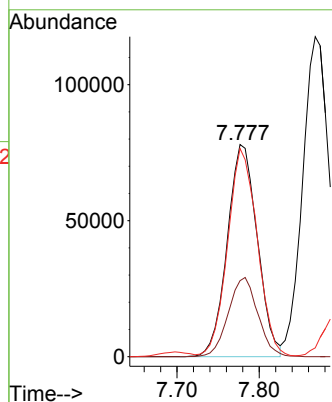
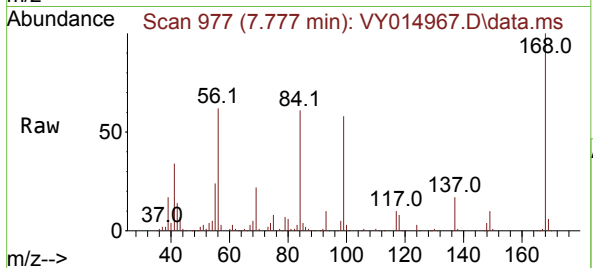




#31
Cyclohexane
Concen: 49.027 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

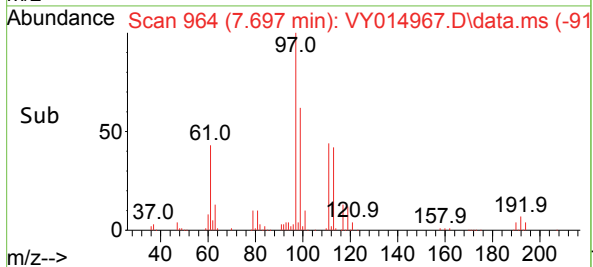
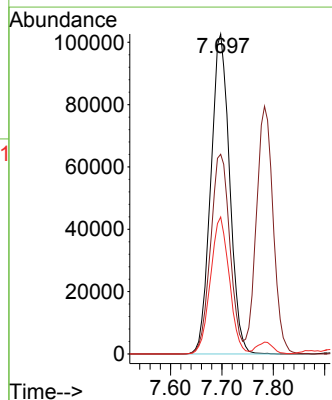
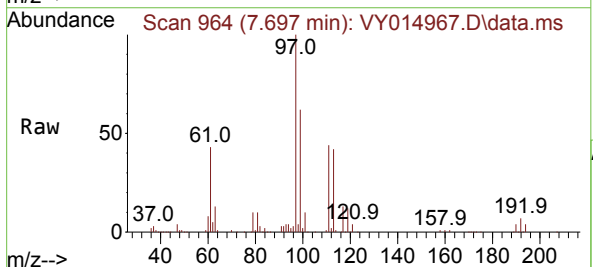
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

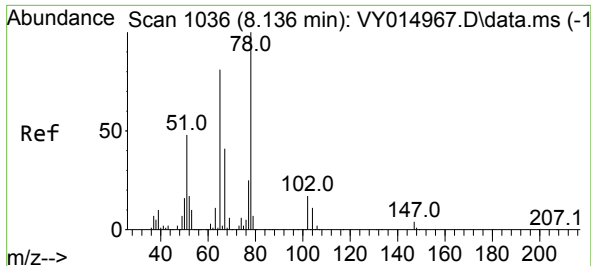
Tgt Ion: 56 Resp: 198111
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 96.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.698 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 97 Resp: 260922
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.9 35.1 52.7

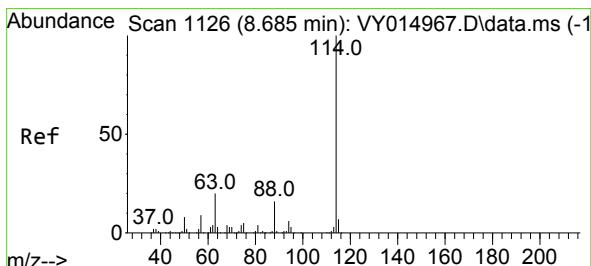
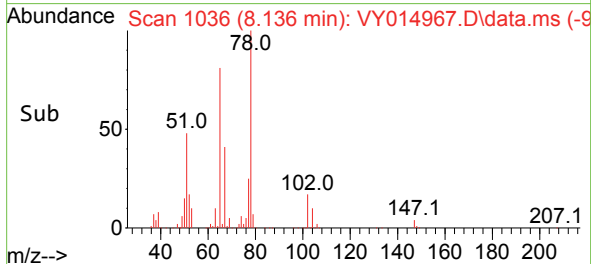
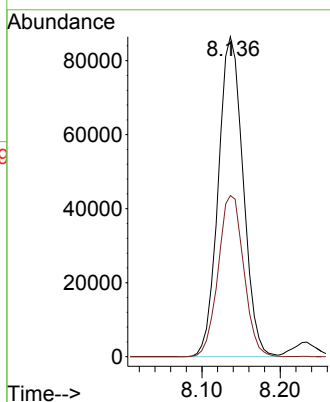
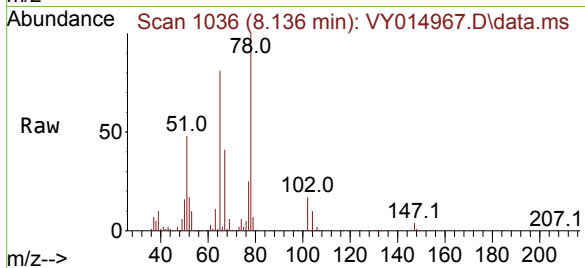




#33
1,2-Dichloroethane-d4
Concen: 48.852 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

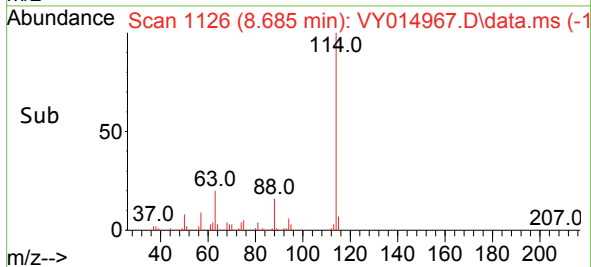
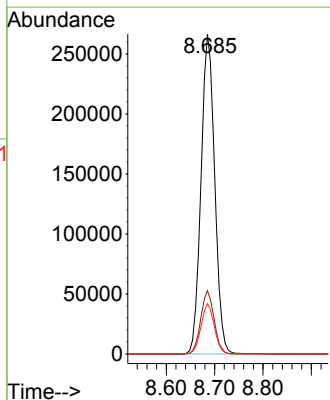
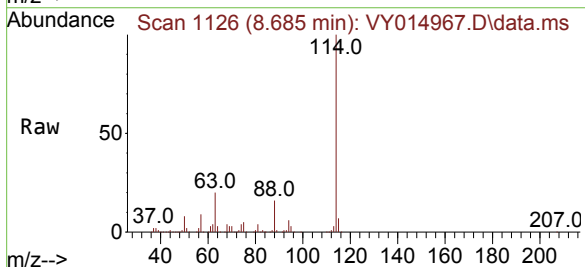
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

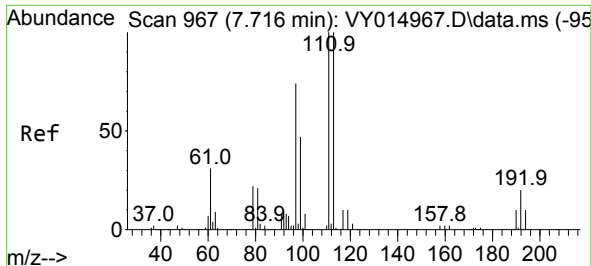
Tgt Ion: 65 Resp: 190560
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 114 Resp: 523425
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.7 0.0 30.6

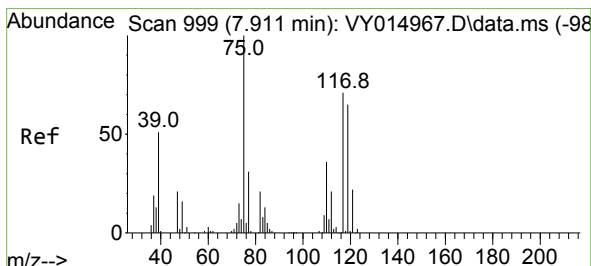
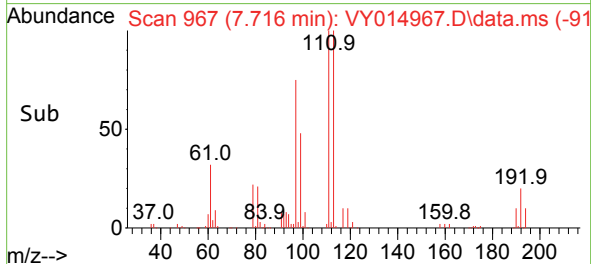
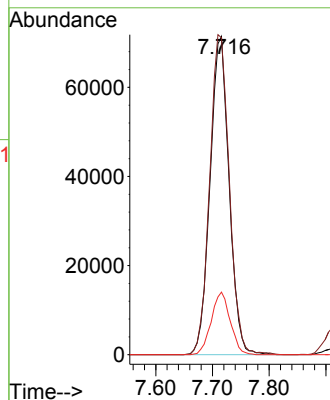
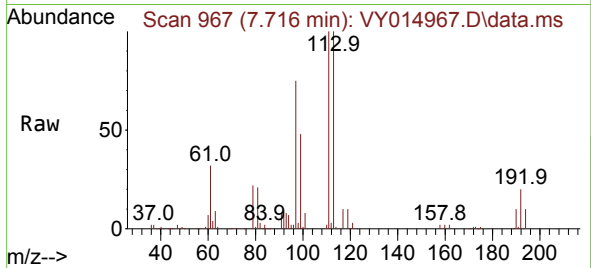




#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

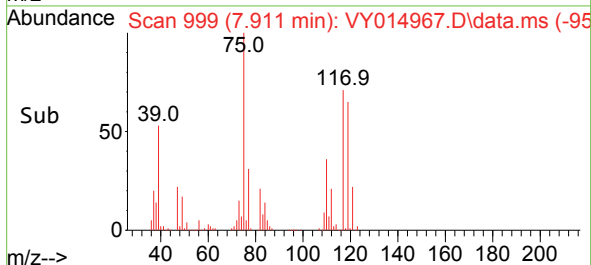
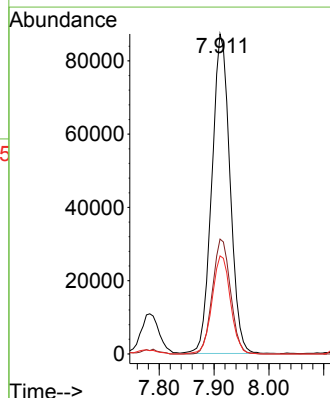
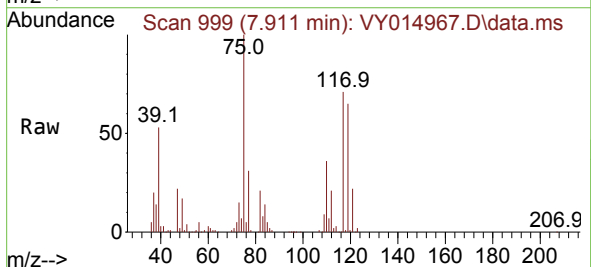
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

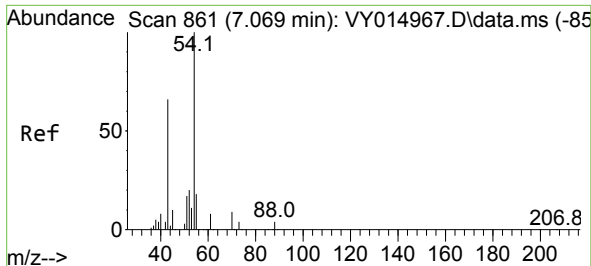
Tgt Ion:113 Resp: 166793
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.326 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 75 Resp: 200823
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.2 24.4 36.6

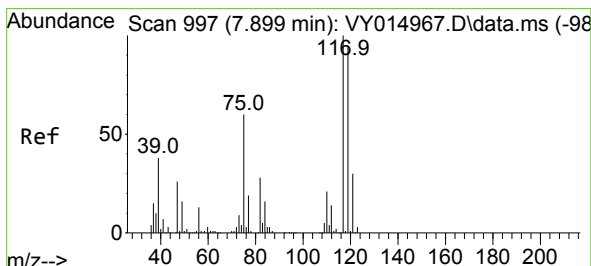
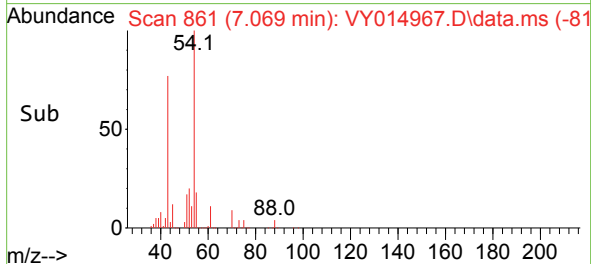
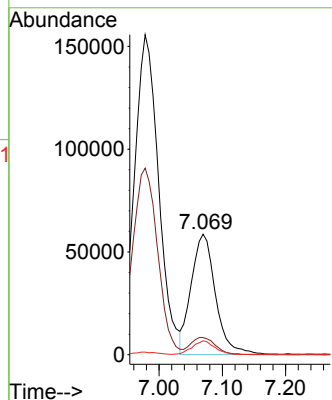
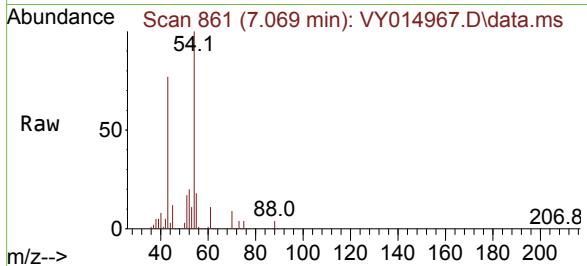




#37
Ethyl Acetate
Concen: 47.326 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

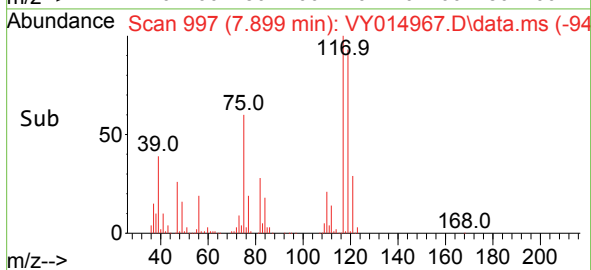
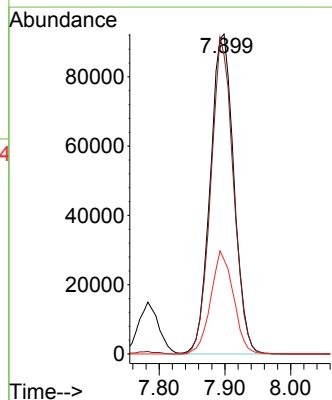
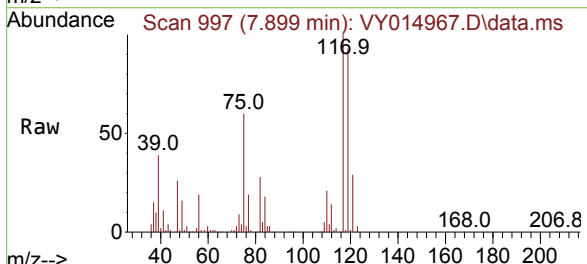
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

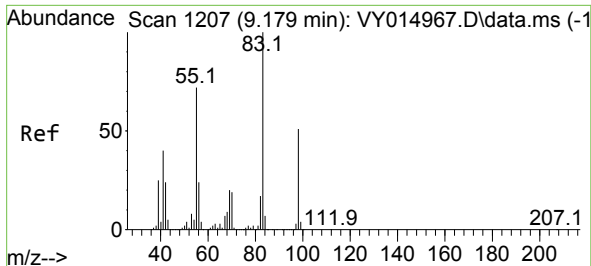
Tgt Ion: 43 Resp: 156108
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.416 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 117 Resp: 230856
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 47.634 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

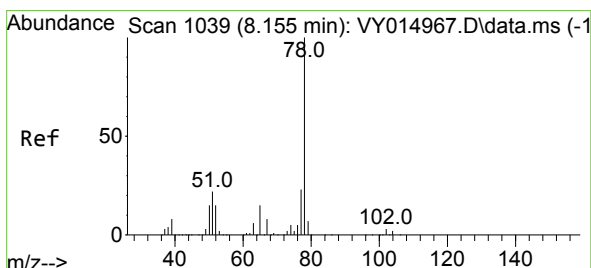
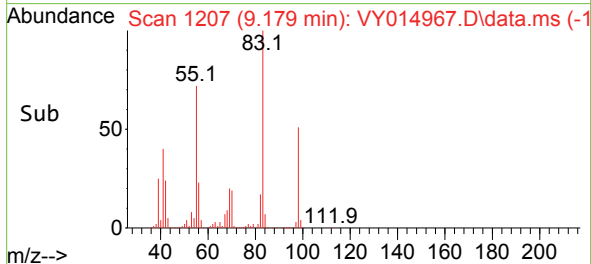
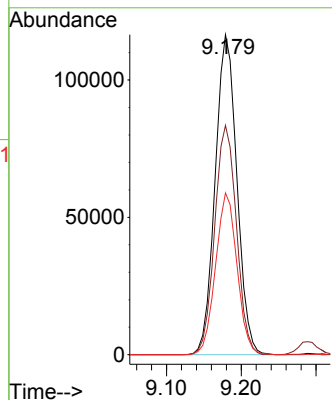
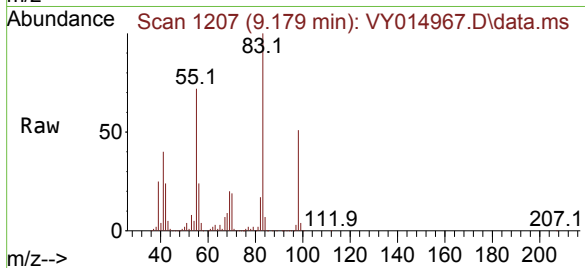
Tgt Ion: 83 Resp: 235404

Ion Ratio Lower Upper

83 100

55 71.7 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 48.075 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY014967.D

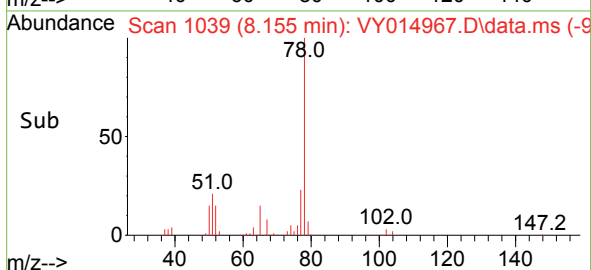
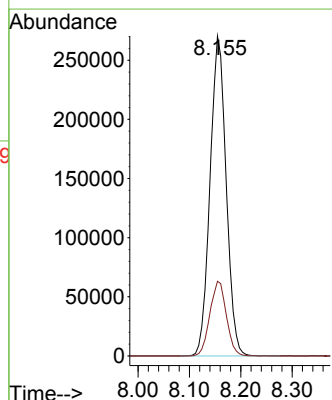
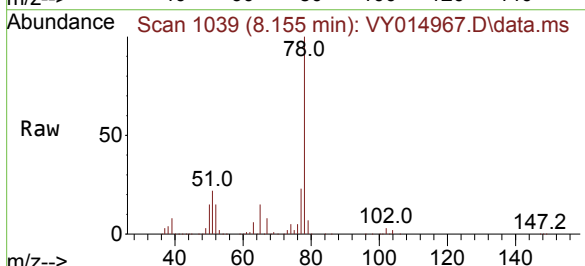
Acq: 07 Aug 2023 16:51

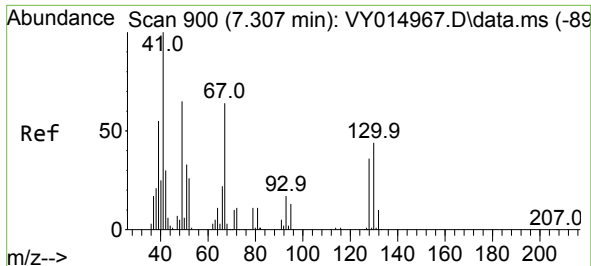
Tgt Ion: 78 Resp: 588273

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

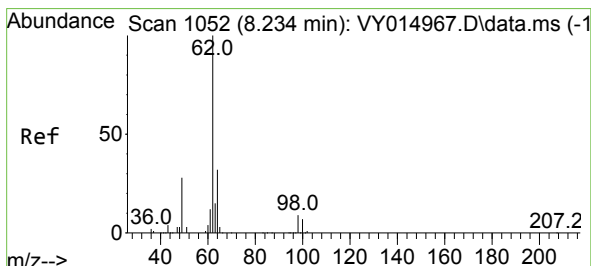
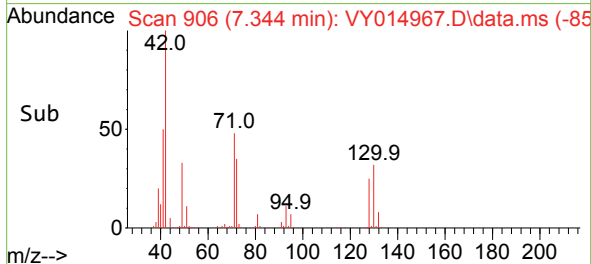
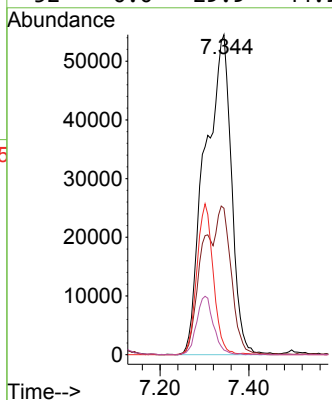
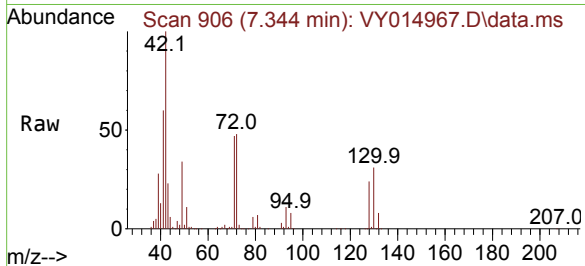




#41
Methacrylonitrile
Concen: 139.954 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

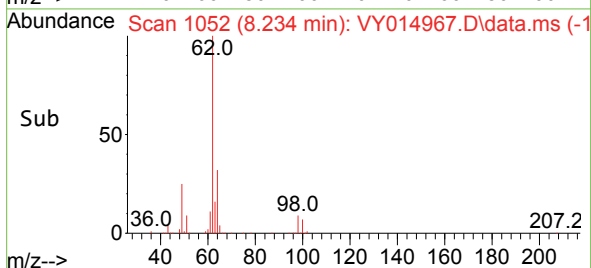
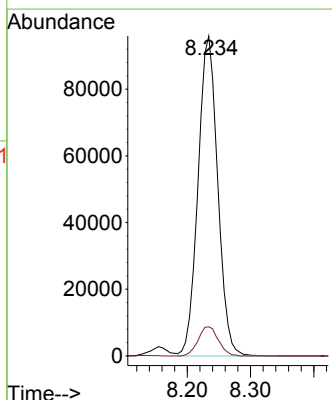
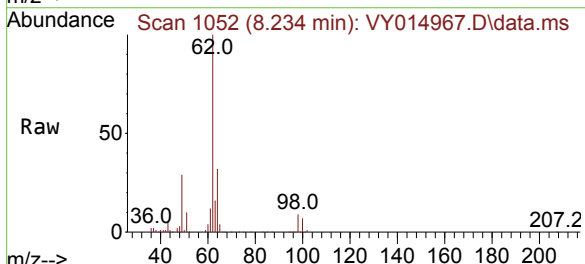
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

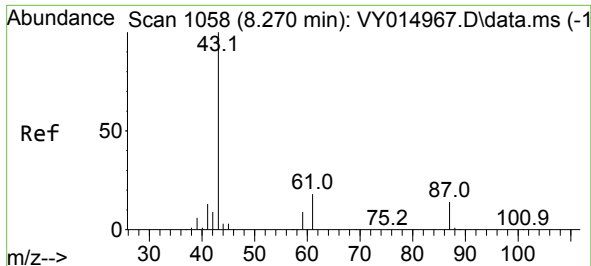
Tgt Ion: 41 Resp: 224347
Ion Ratio Lower Upper
41 100
39 27.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 48.712 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 62 Resp: 207485
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8

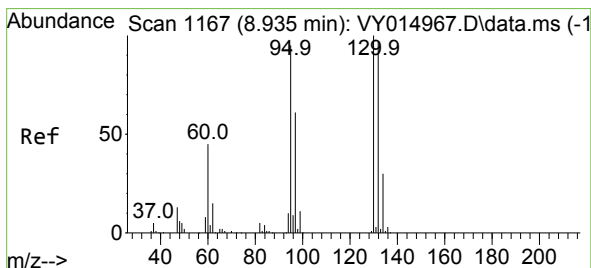
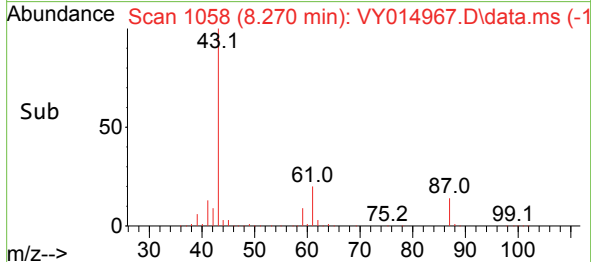
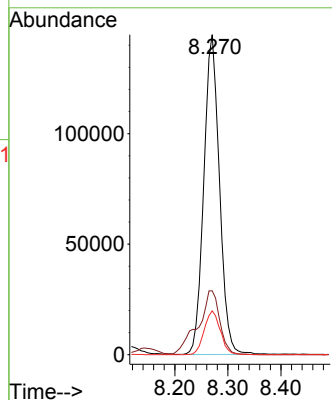
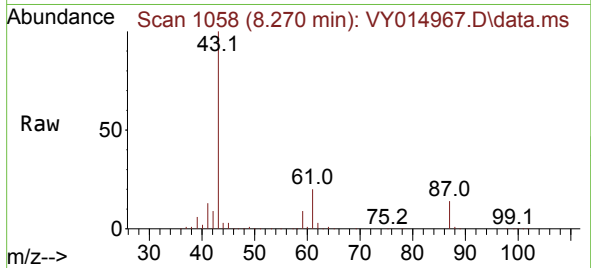




#43
Isopropyl Acetate
Concen: 48.329 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

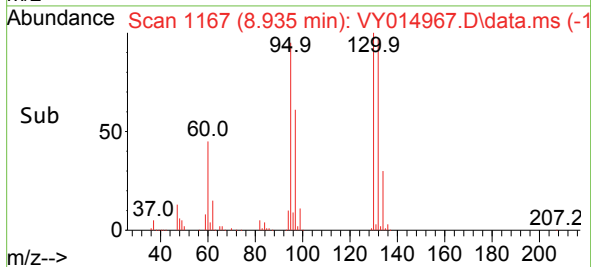
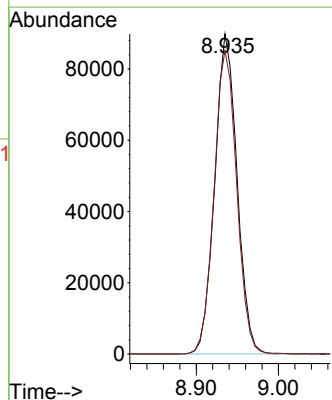
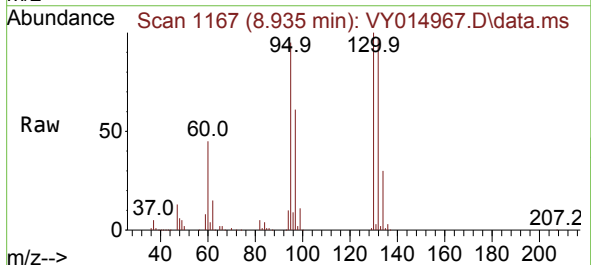
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

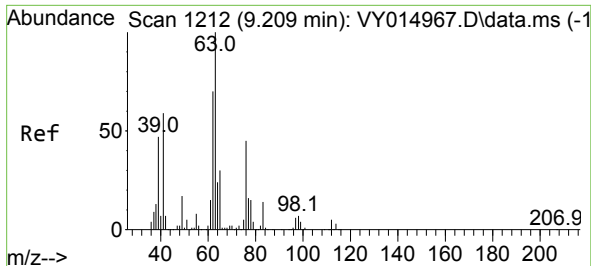
Tgt Ion: 43 Resp: 296179
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 48.184 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion:130 Resp: 169181
Ion Ratio Lower Upper
130 100
95 94.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.870 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

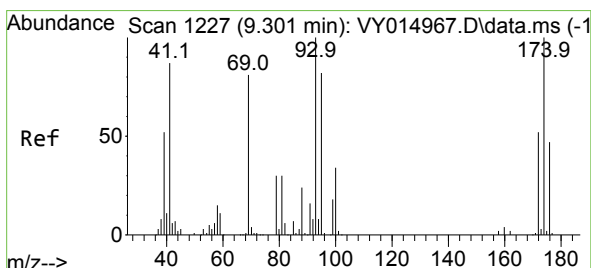
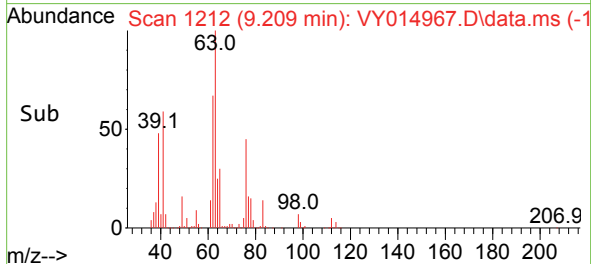
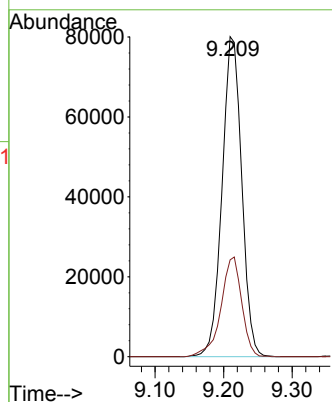
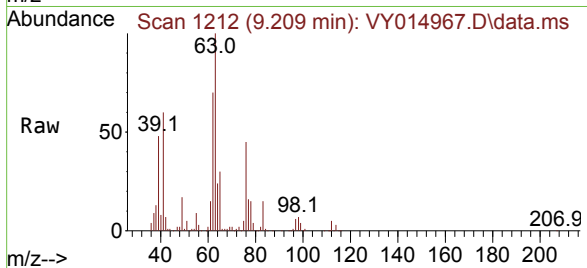
VSTDICCC050

Tgt Ion: 63 Resp: 158931

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 48.631 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

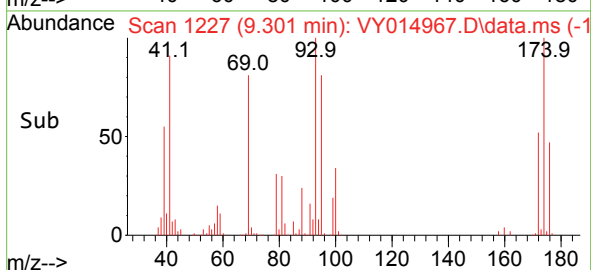
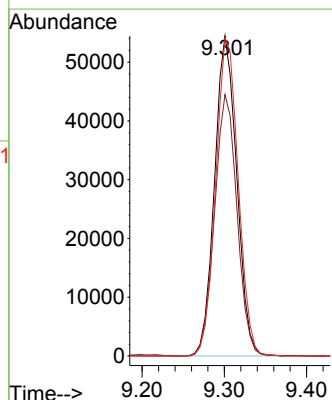
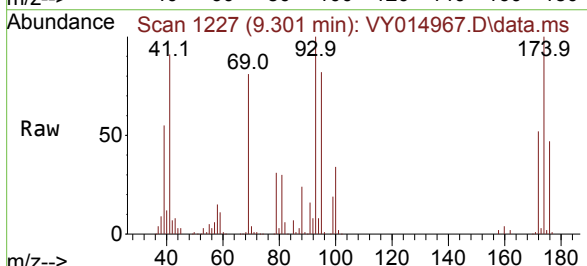
Tgt Ion: 93 Resp: 101881

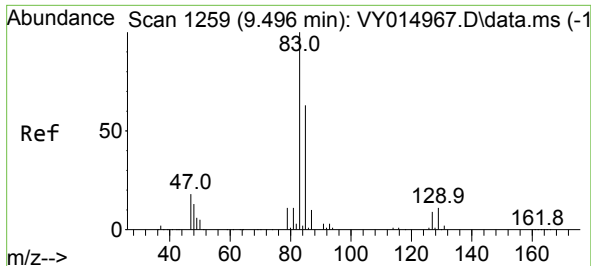
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 100.8 84.8 127.2





#47

Bromodichloromethane

Concen: 49.923 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

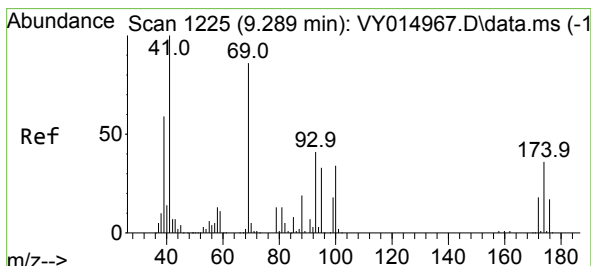
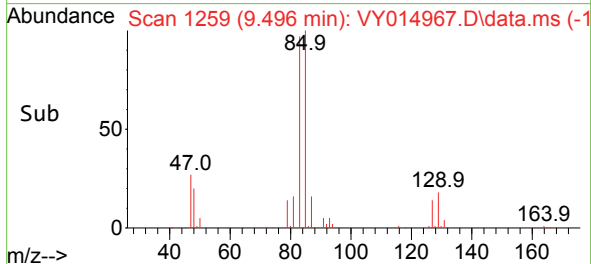
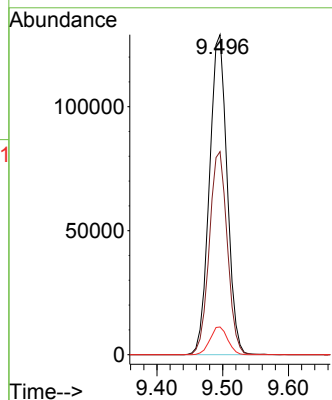
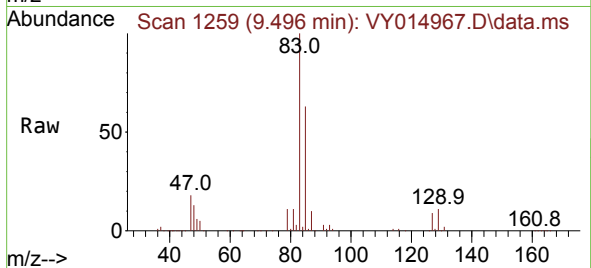
Tgt Ion: 83 Resp: 240847

Ion Ratio Lower Upper

83 100

85 63.5 50.1 75.1

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 49.022 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

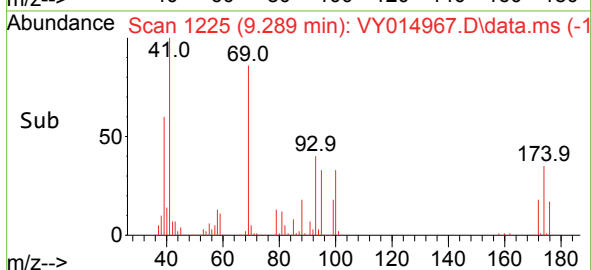
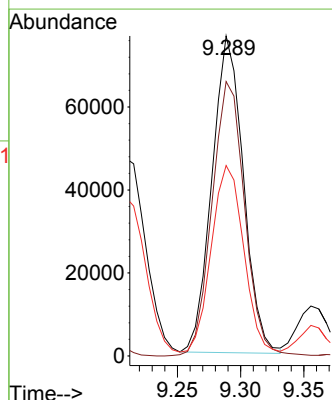
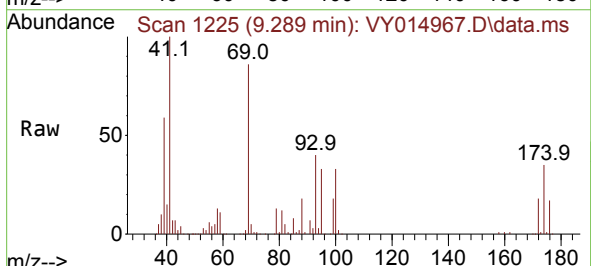
Tgt Ion: 41 Resp: 131814

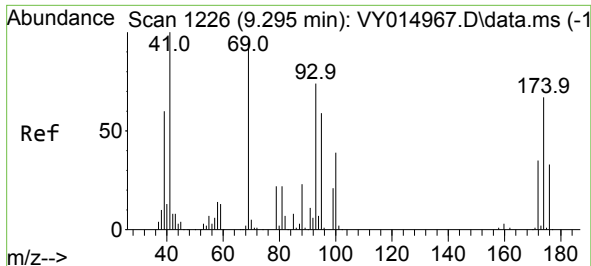
Ion Ratio Lower Upper

41 100

69 90.1 64.5 96.7

39 63.1 50.8 76.2

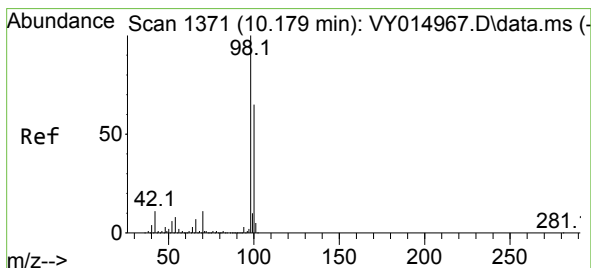
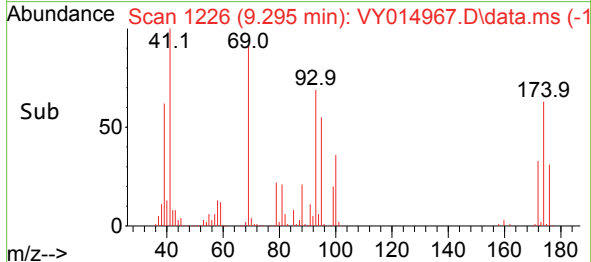
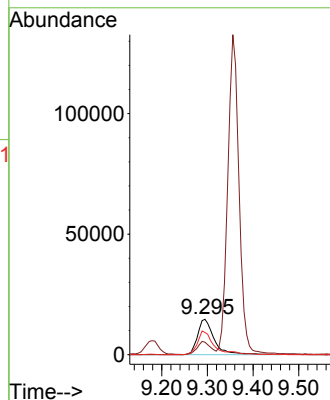
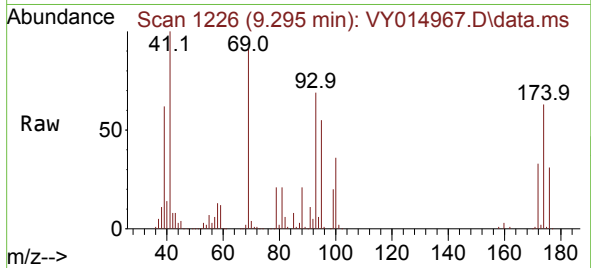




#49
1,4-Dioxane
Concen: 954.046 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

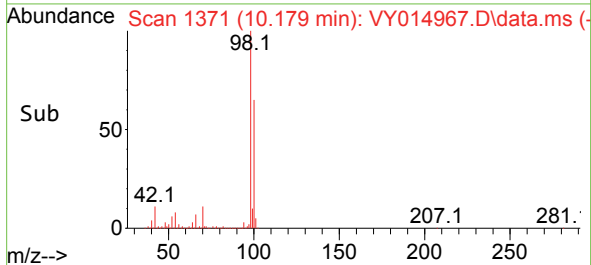
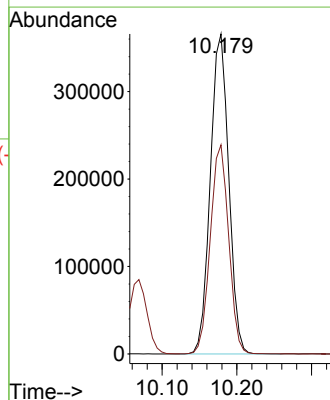
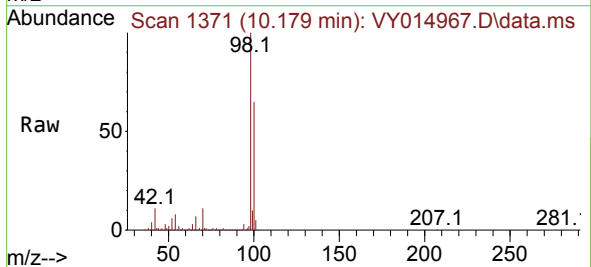
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

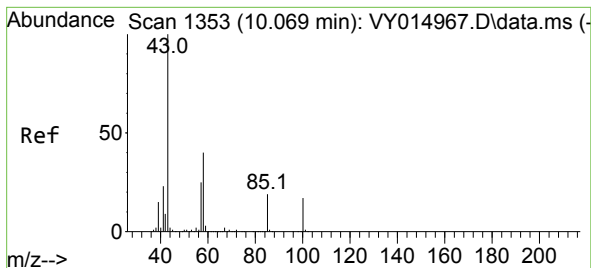
Tgt Ion: 88 Resp: 37177
Ion Ratio Lower Upper
88 100
43 29.2 0.0 0.0#
58 59.7 30.9 46.3#



#50
Toluene-d8
Concen: 49.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 98 Resp: 625170
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

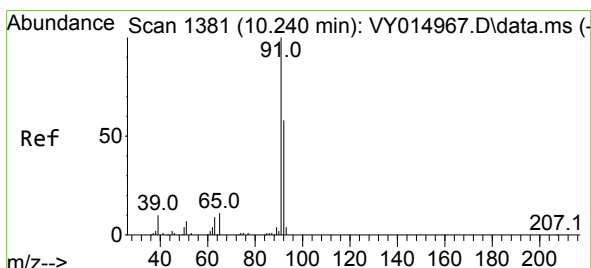
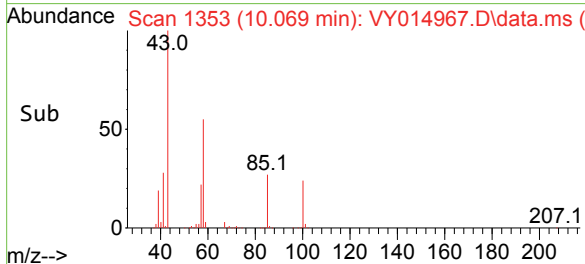
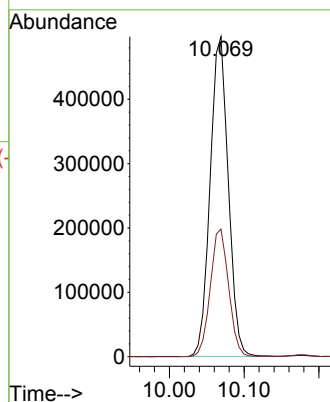
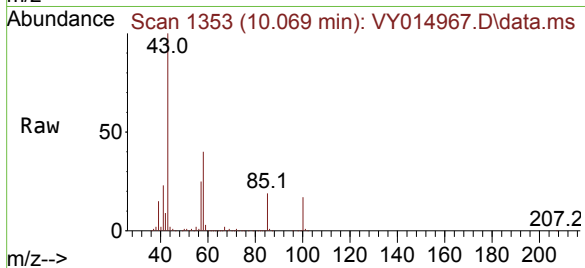




#51
4-Methyl-2-Pentanone
Concen: 243.302 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

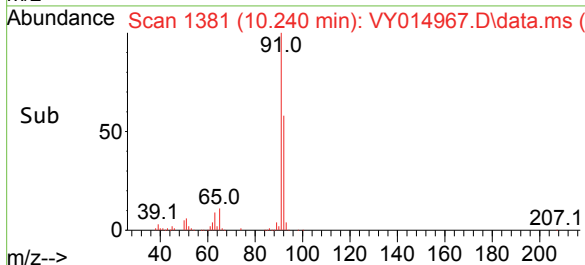
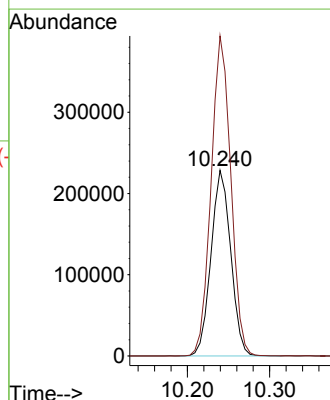
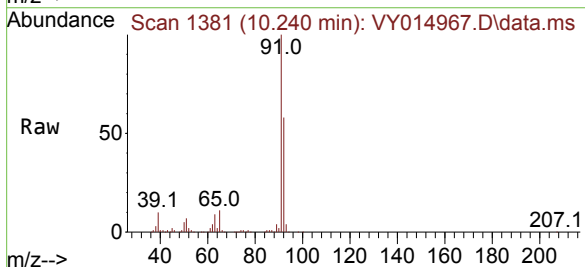
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

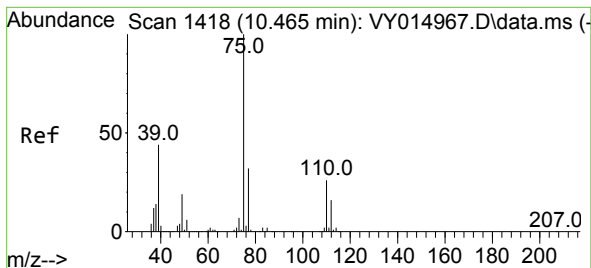
Tgt Ion: 43 Resp: 840272
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 48.415 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 92 Resp: 381242
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

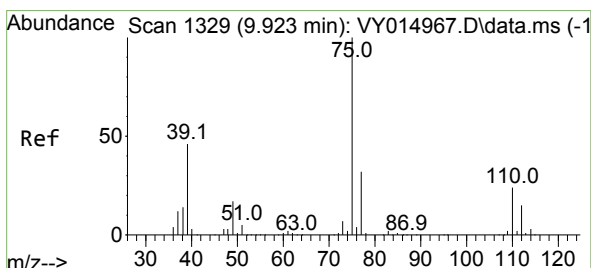
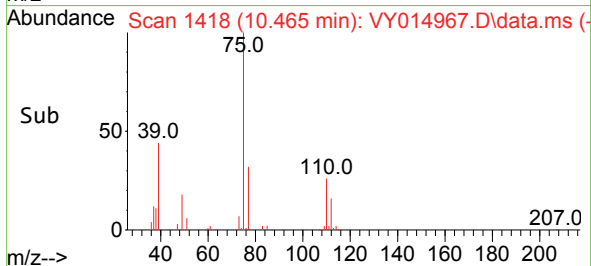
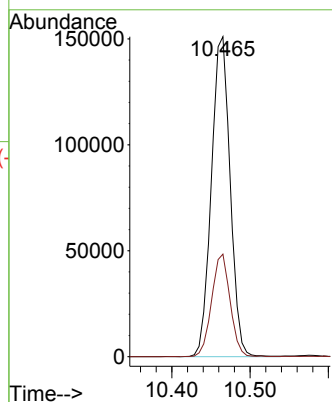
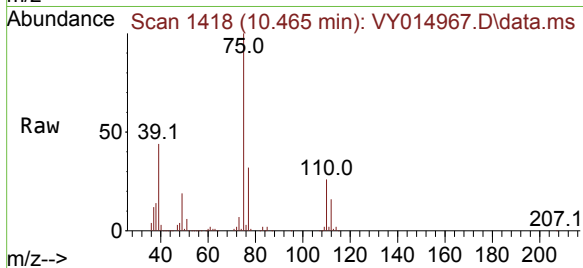




#53
 t-1,3-Dichloropropene
 Concen: 50.082 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

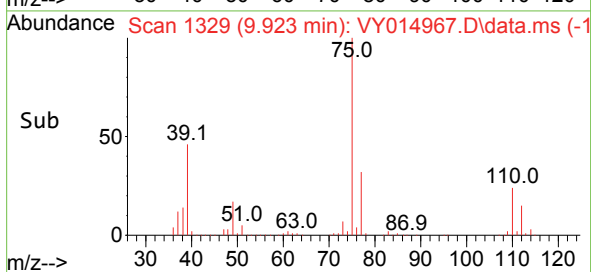
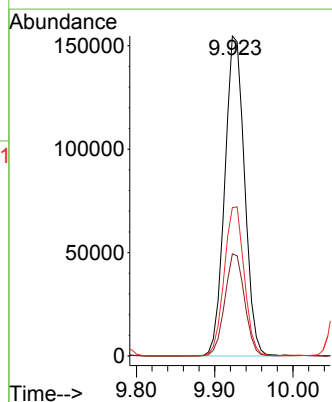
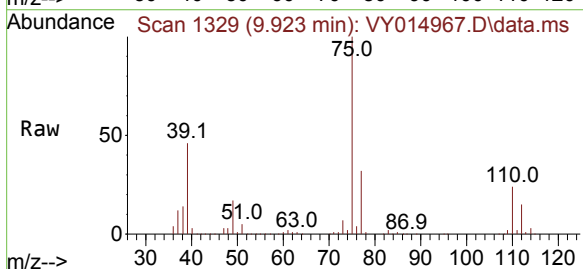
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

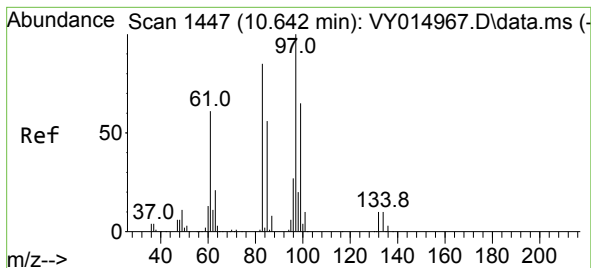
Tgt Ion: 75 Resp: 251615
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.075 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

Tgt Ion: 75 Resp: 271807
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 46.3 42.2 63.4

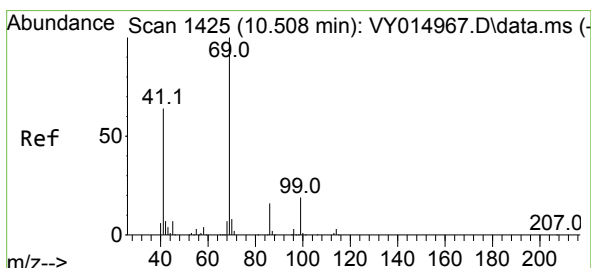
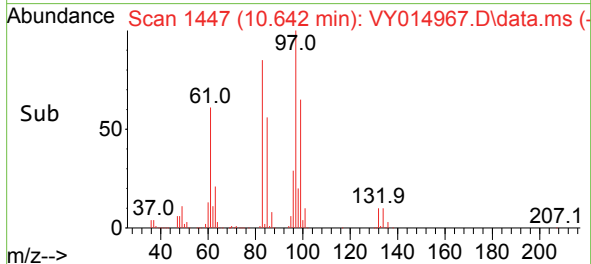
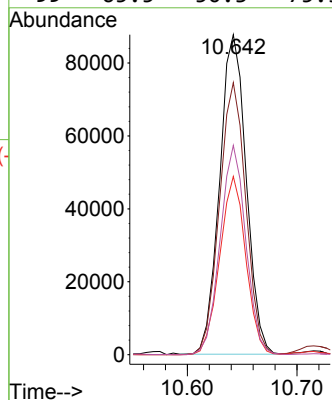
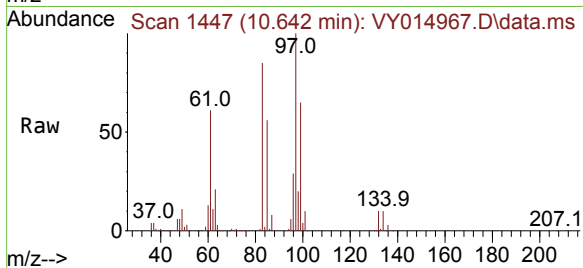




#55
1,1,2-Trichloroethane
Concen: 48.505 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

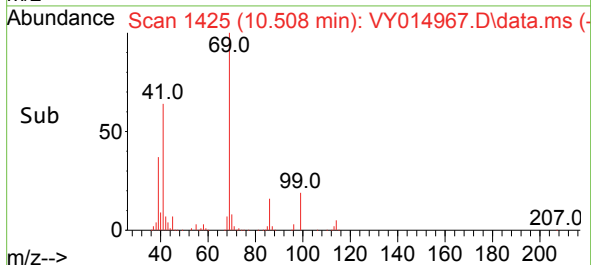
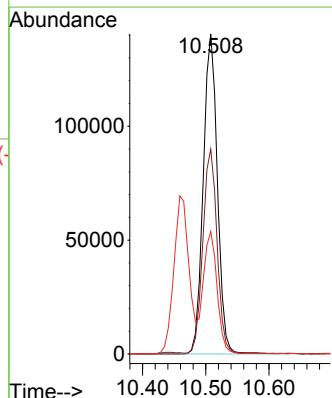
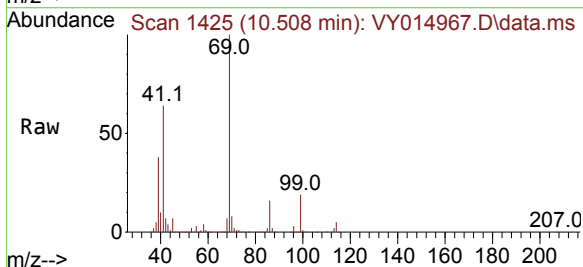
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

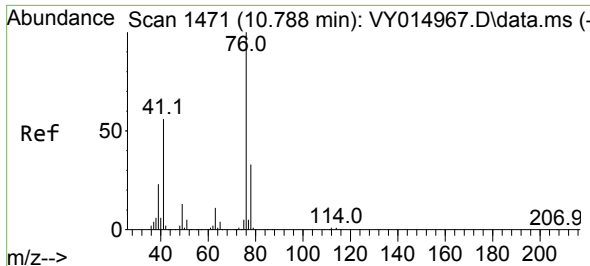
Tgt Ion:	97	Resp:	147691
Ion	Ratio	Lower	Upper
97	100		
83	85.1	72.0	108.0
85	55.8	45.4	68.0
99	65.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 50.206 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion:	69	Resp:	218893
Ion	Ratio	Lower	Upper
69	100		
41	64.0	57.6	86.4
39	37.8	34.1	51.1

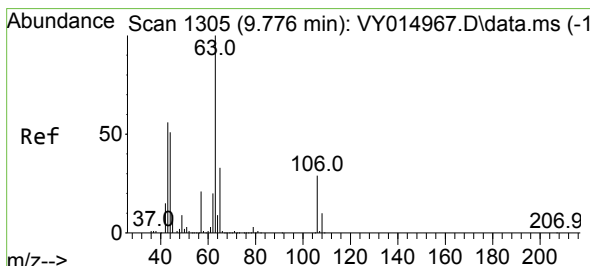
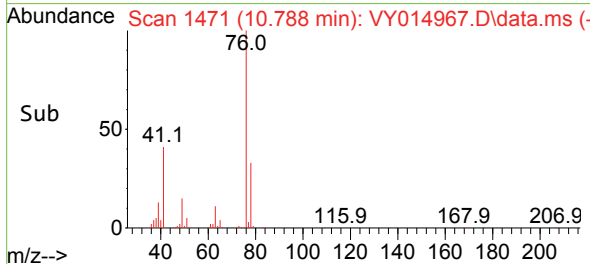
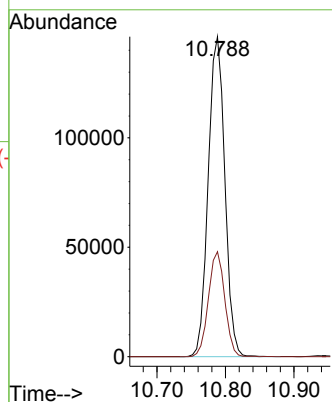
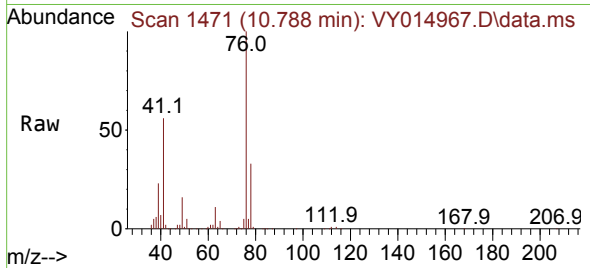




#57
1,3-Dichloropropane
Concen: 49.061 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

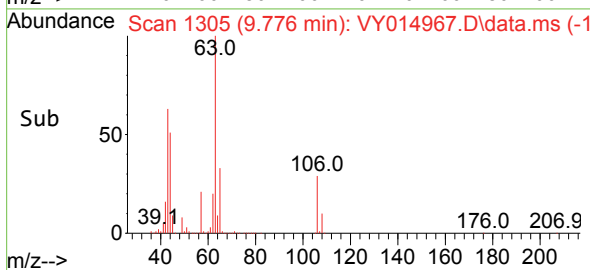
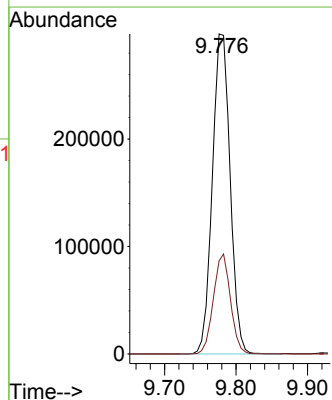
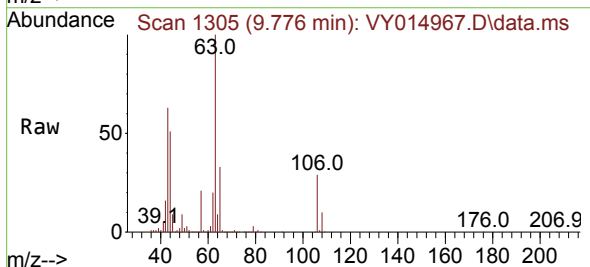
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

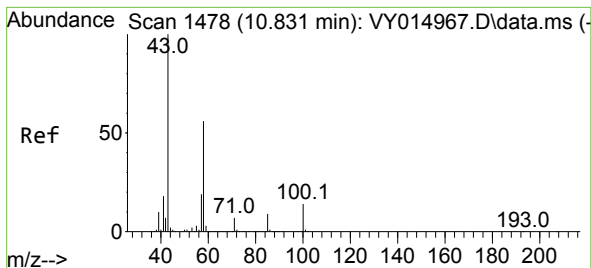
Tgt Ion: 76 Resp: 247153
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 249.431 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 63 Resp: 514206
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8

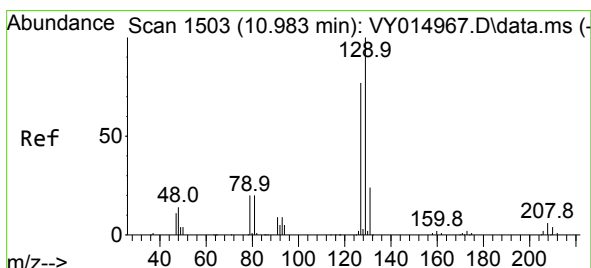
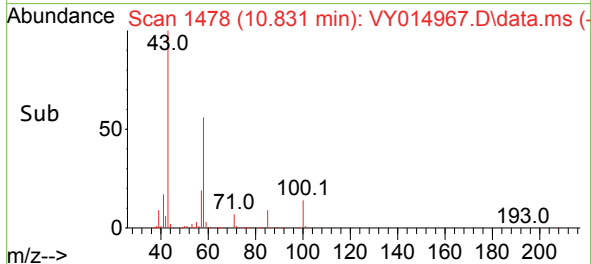
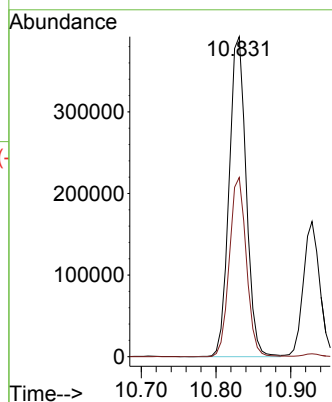
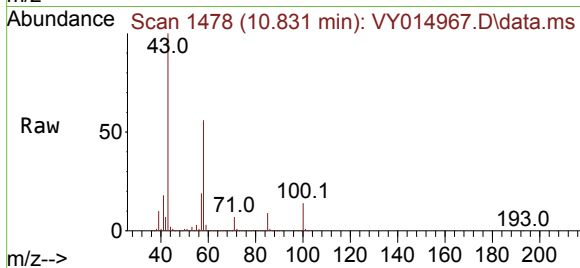




#59
2-Hexanone
Concen: 244.411 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

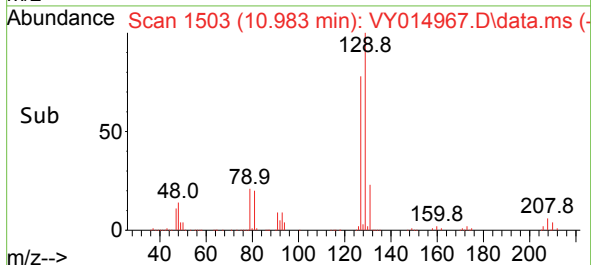
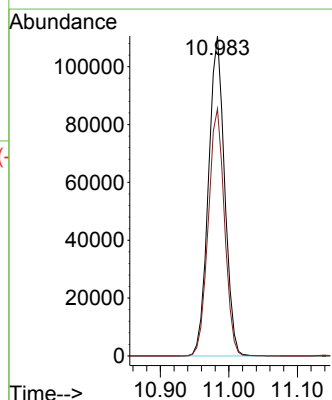
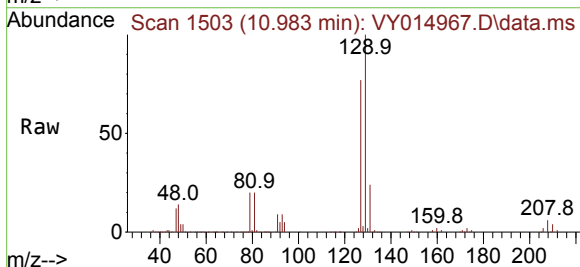
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

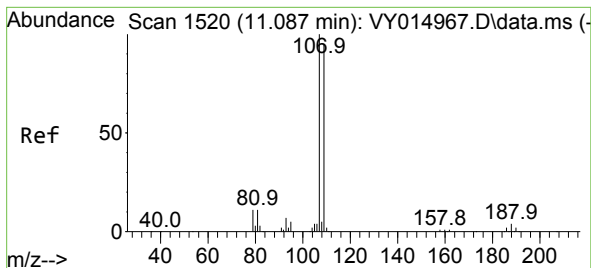
Tgt Ion: 43 Resp: 623551
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 49.892 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 129 Resp: 180884
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

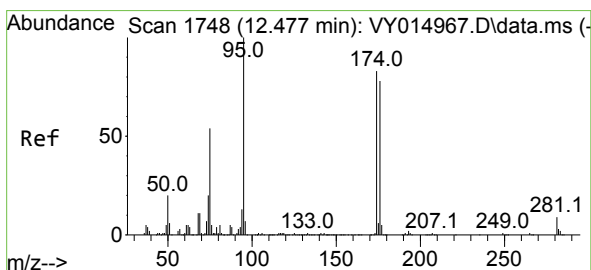
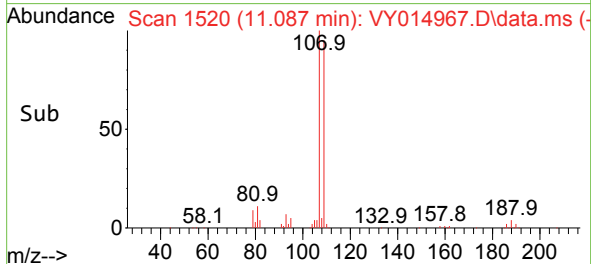
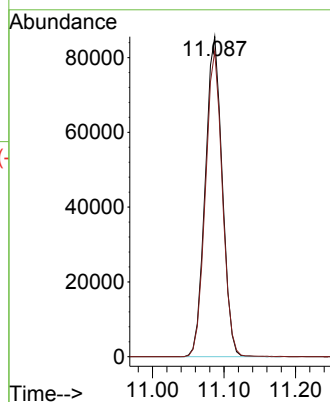
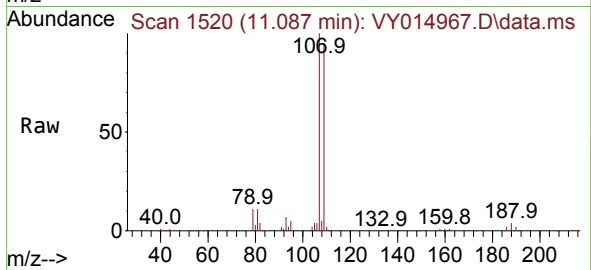




#61
1,2-Dibromoethane
Concen: 48.491 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

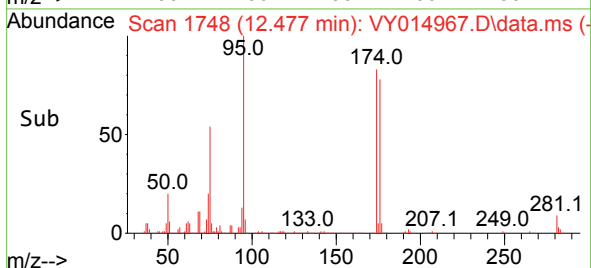
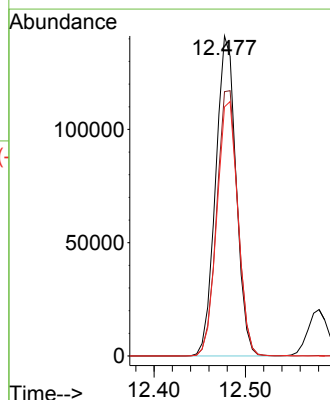
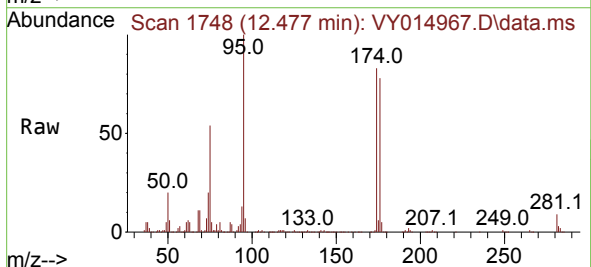
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

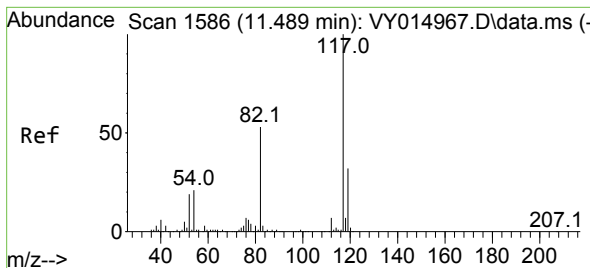
Tgt Ion:107 Resp: 140930
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.639 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 95 Resp: 219623
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

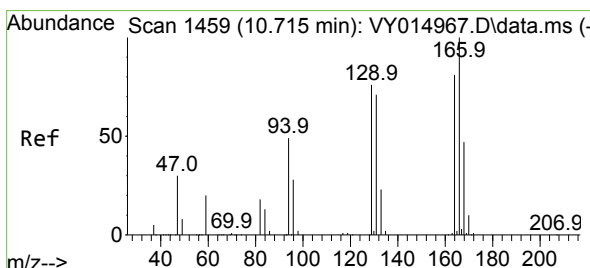
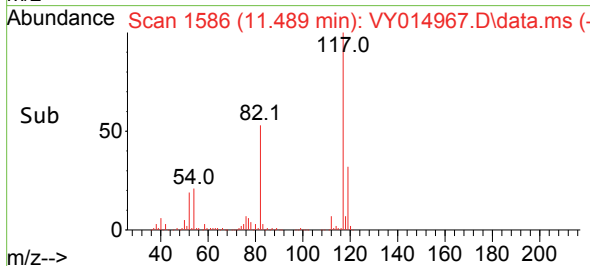
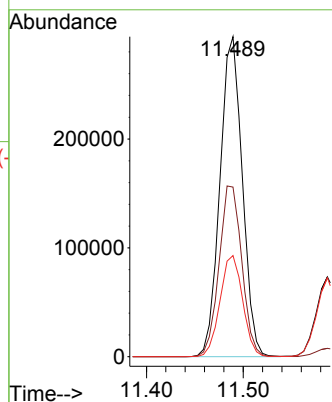
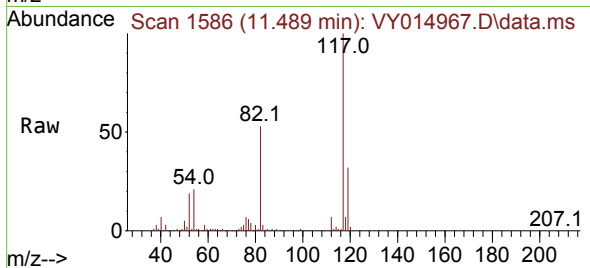
Tgt Ion:117 Resp: 471226

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 49.904 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Tgt Ion:164 Resp: 176893

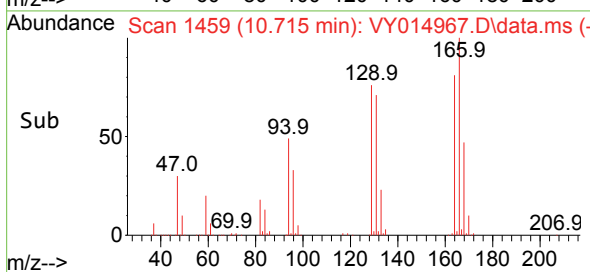
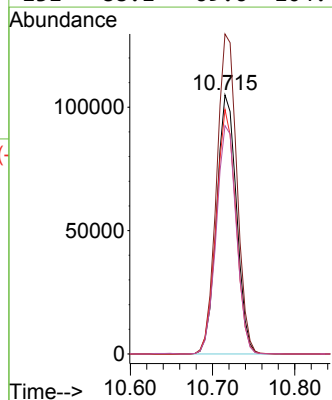
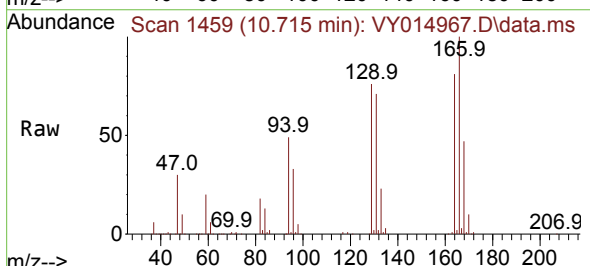
Ion Ratio Lower Upper

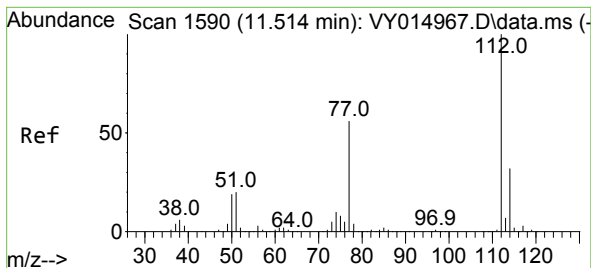
164 100

166 123.5 103.0 154.6

129 94.4 77.2 115.8

131 88.1 69.6 104.4

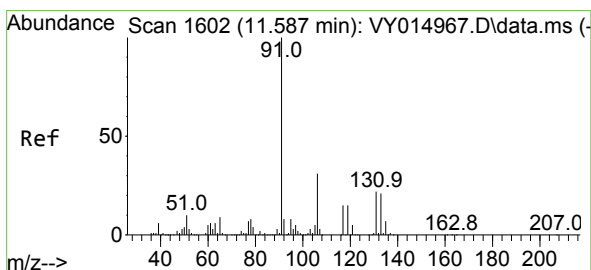
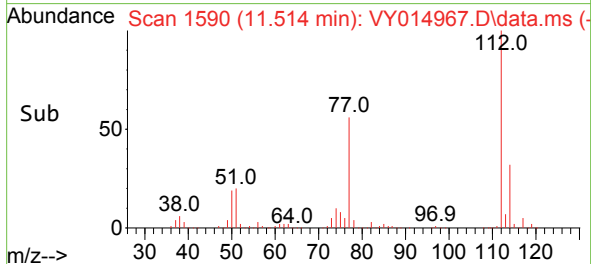
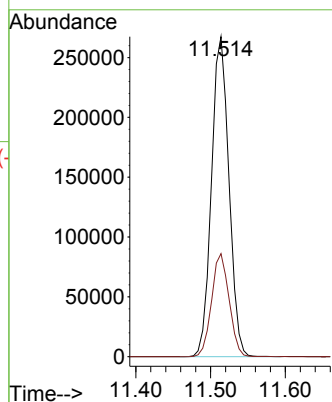
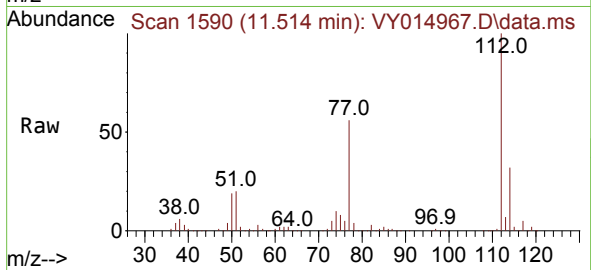




#65
Chlorobenzene
Concen: 48.648 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

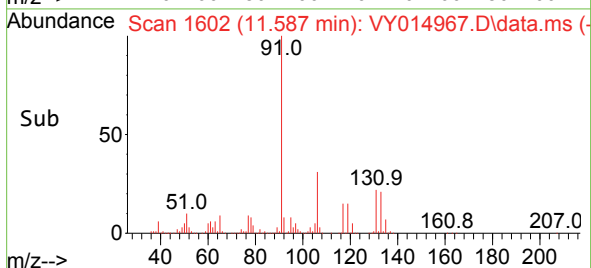
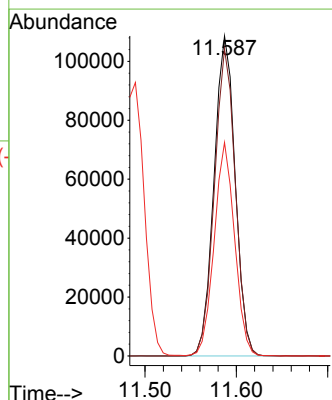
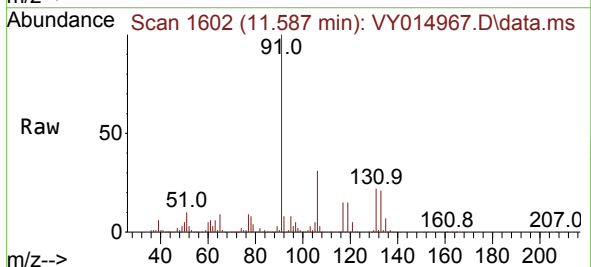
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

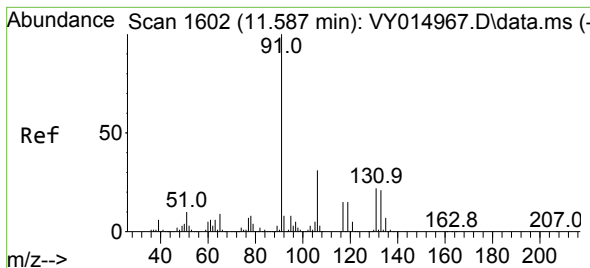
Tgt Ion:112 Resp: 434989
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.833 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion:131 Resp: 174603
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 64.5 31.6 94.7

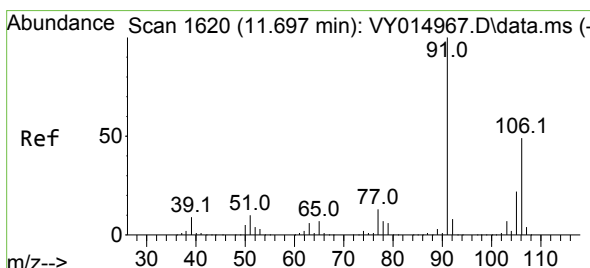
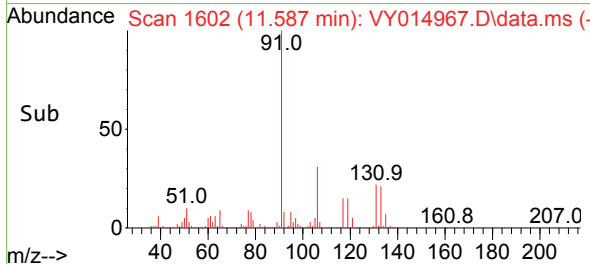
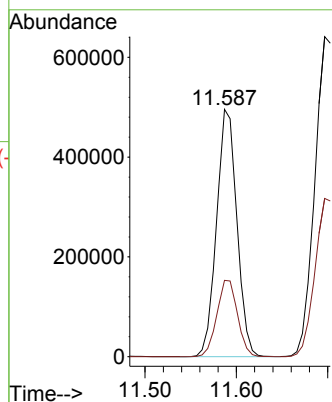
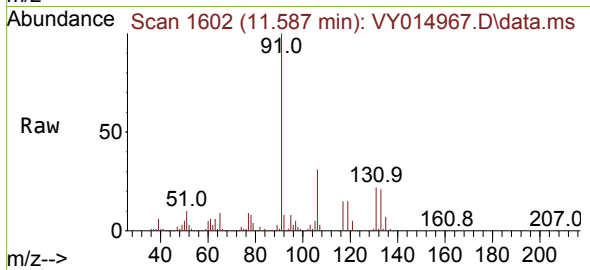




#67
Ethyl Benzene
Concen: 48.838 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

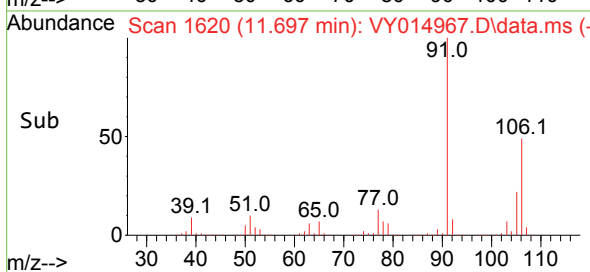
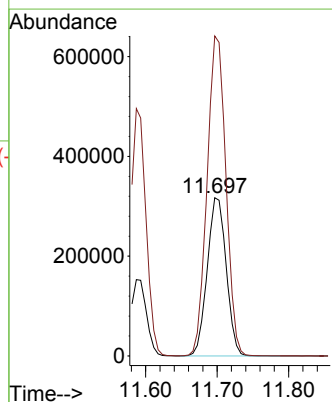
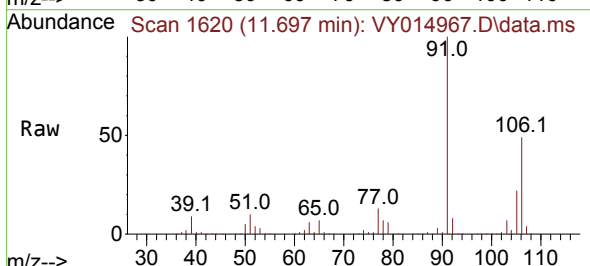
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

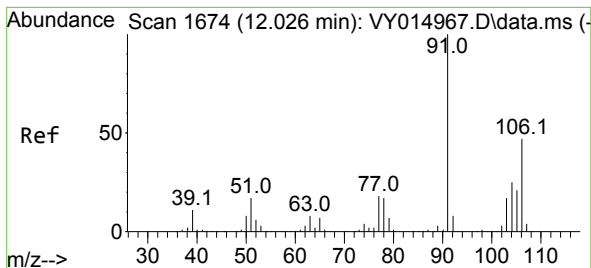
Tgt Ion: 91 Resp: 766371
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 97.401 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion:106 Resp: 584701
Ion Ratio Lower Upper
106 100
91 201.0 166.1 249.1





#69

o-Xylene

Concen: 48.837 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

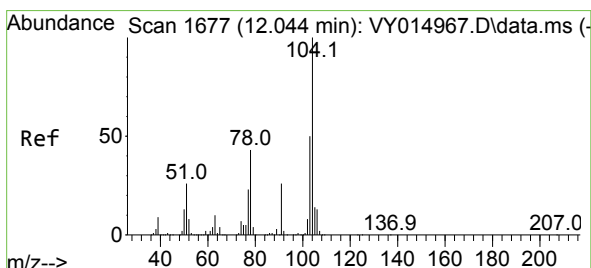
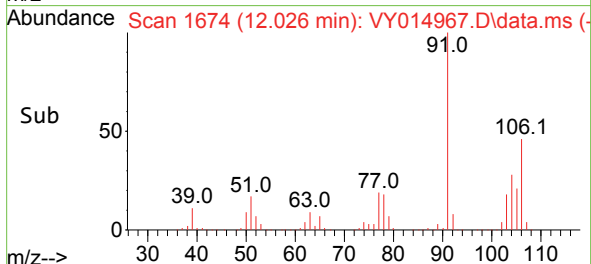
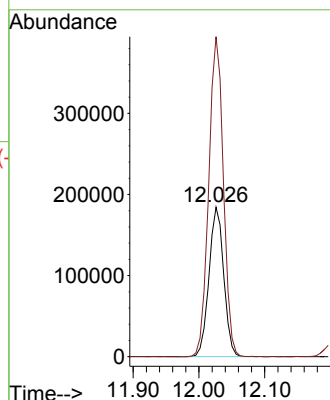
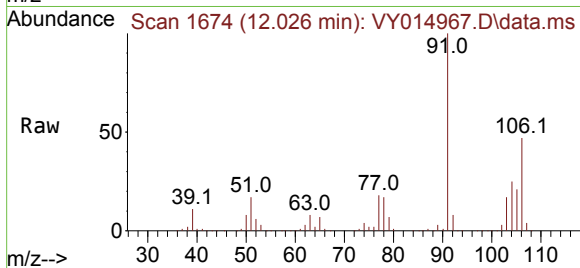
VSTDICCC050

Tgt Ion:106 Resp: 286870

Ion Ratio Lower Upper

106 100

91 213.2 108.1 324.3



#70

Styrene

Concen: 49.319 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

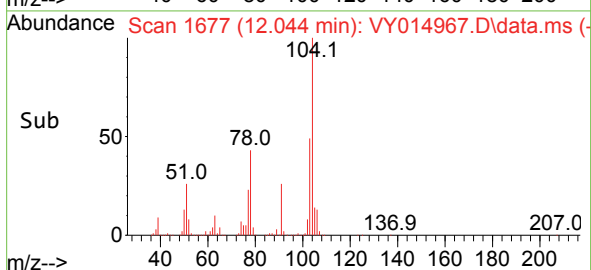
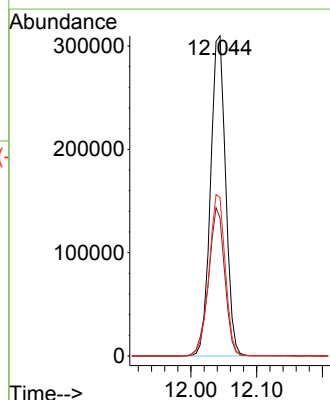
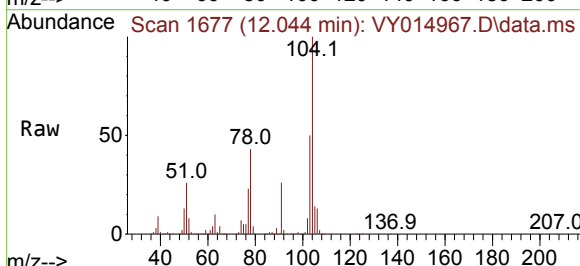
Tgt Ion:104 Resp: 495091

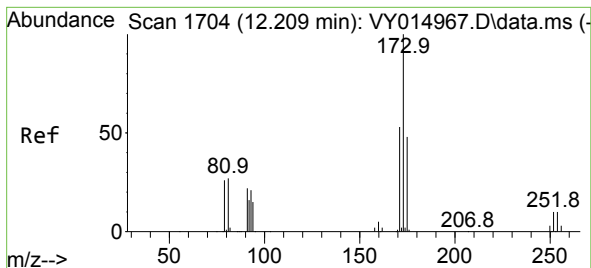
Ion Ratio Lower Upper

104 100

78 49.7 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 49.868 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

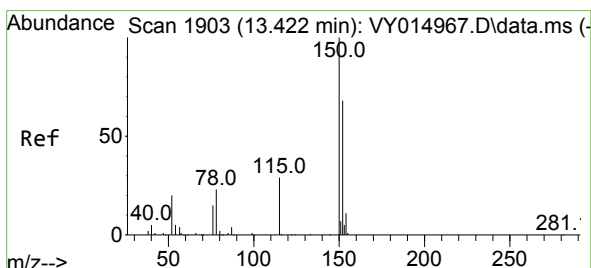
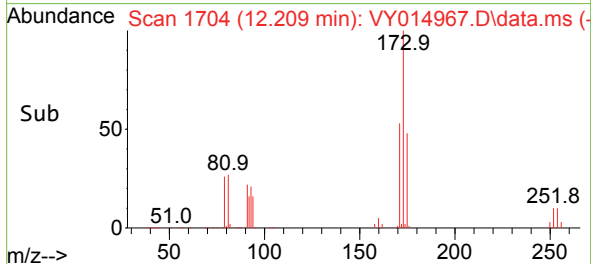
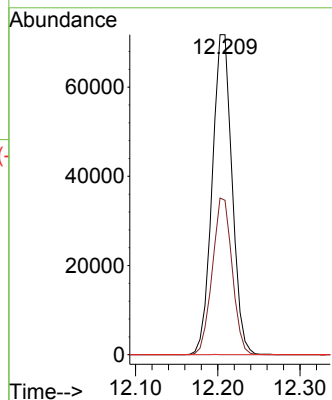
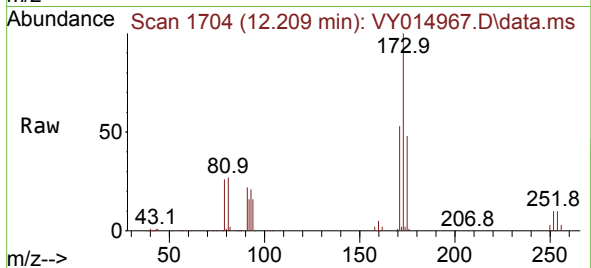
Tgt Ion:173 Resp: 120434

Ion Ratio Lower Upper

173 100

175 48.9 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: VY014967.D

Acq: 07 Aug 2023 16:51

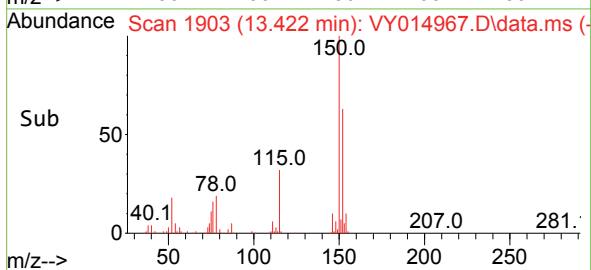
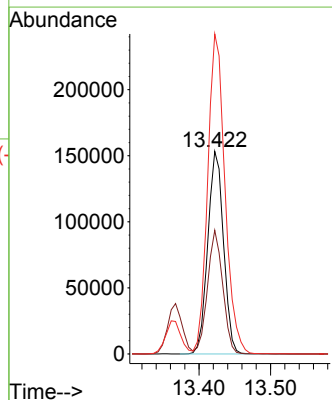
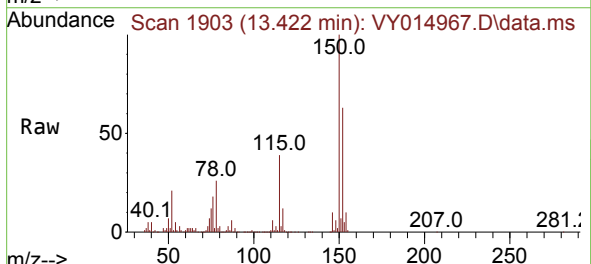
Tgt Ion:152 Resp: 234633

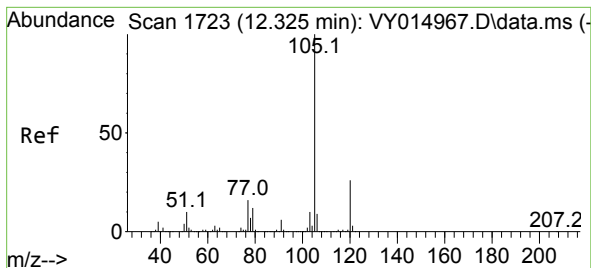
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 173.0 0.0 348.8





#73

Isopropylbenzene

Concen: 49.027 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

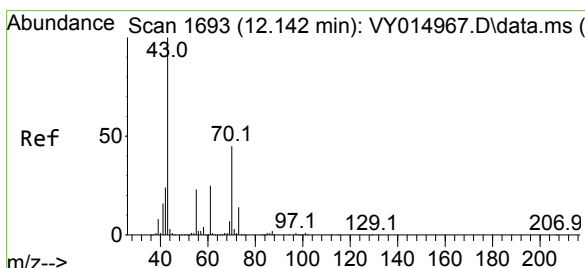
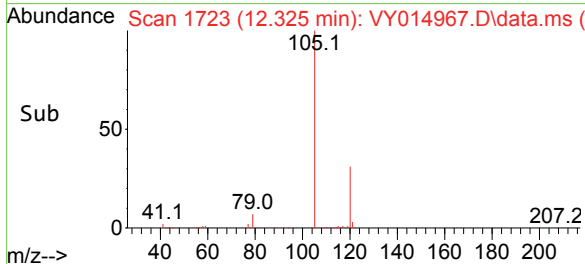
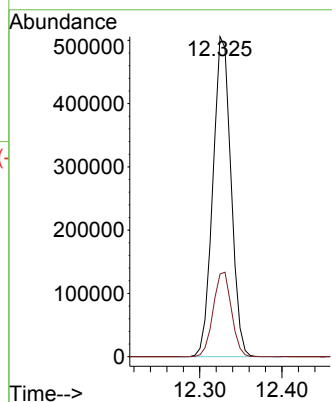
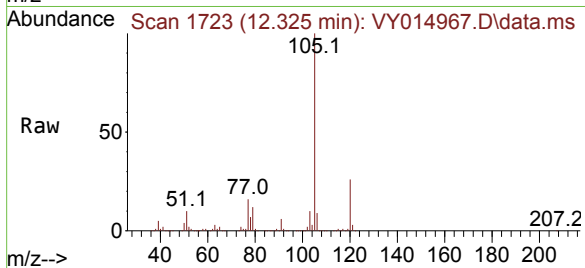
VSTDICCC050

Tgt Ion:105 Resp: 773269

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 49.092 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Tgt Ion: 43 Resp: 264551

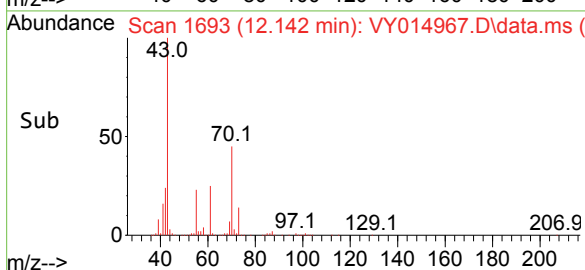
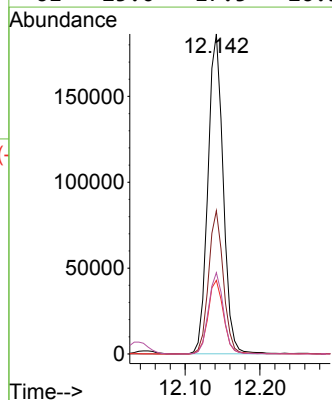
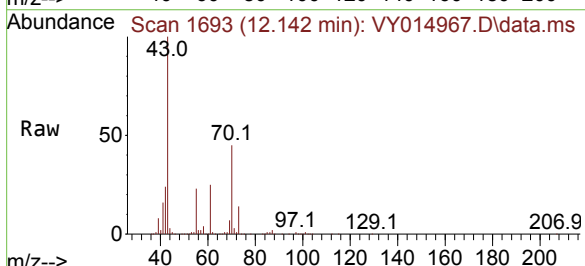
Ion Ratio Lower Upper

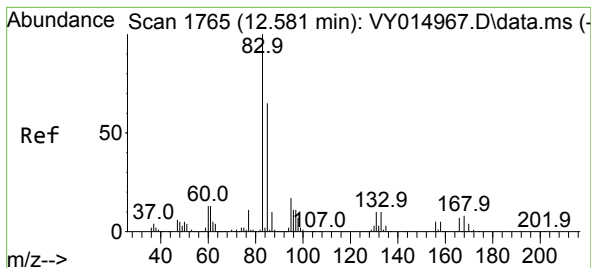
43 100

70 43.3 29.7 44.5

55 23.5 18.3 27.5

61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.581 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

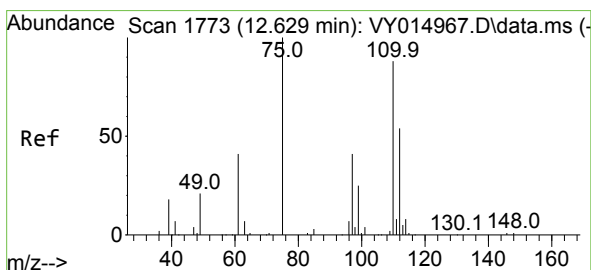
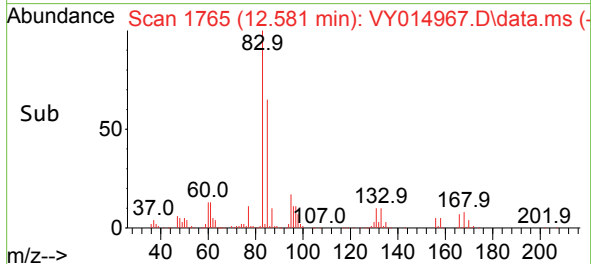
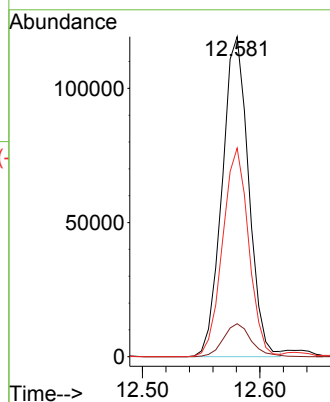
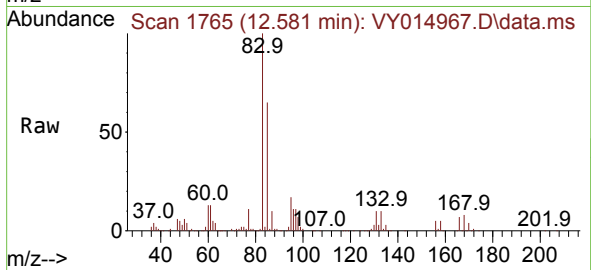
Tgt Ion: 83 Resp: 187251

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.806 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY014967.D

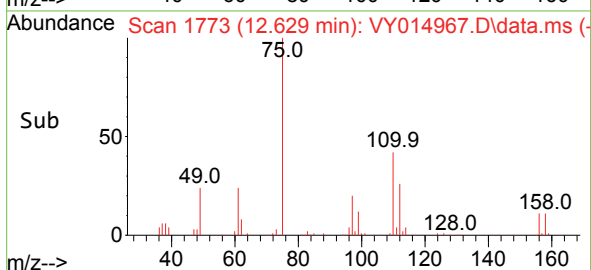
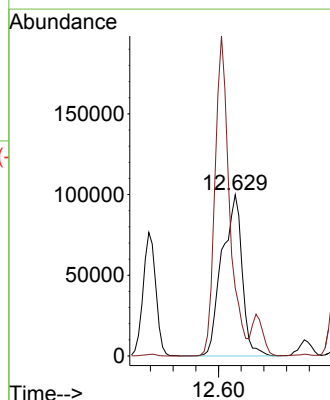
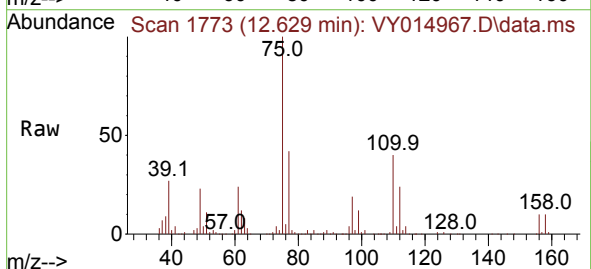
Acq: 07 Aug 2023 16:51

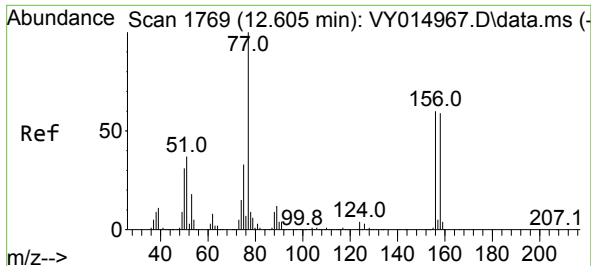
Tgt Ion: 75 Resp: 246864

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

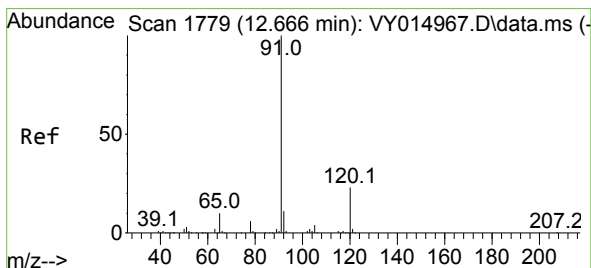
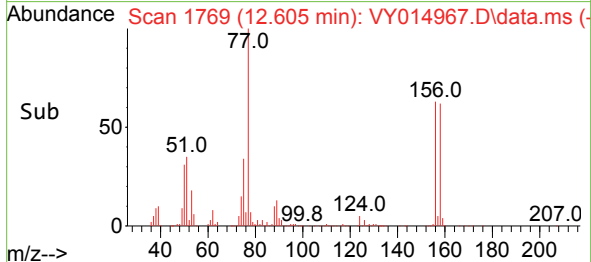
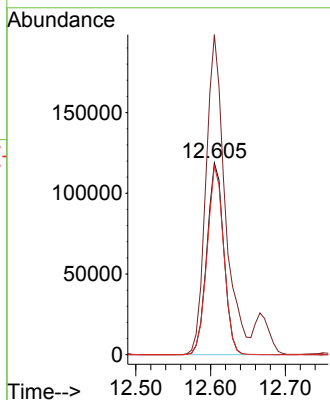
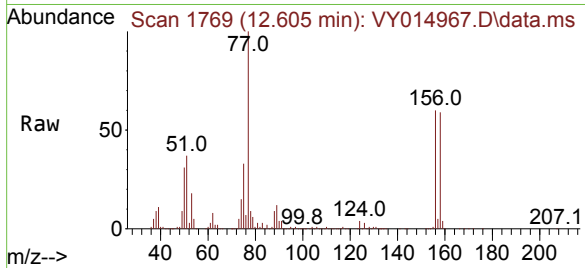




#77
Bromobenzene
Concen: 48.561 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

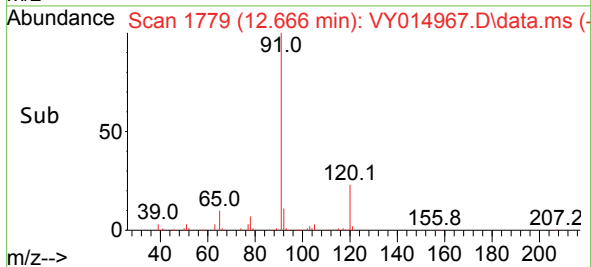
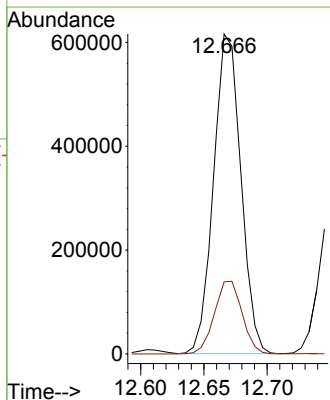
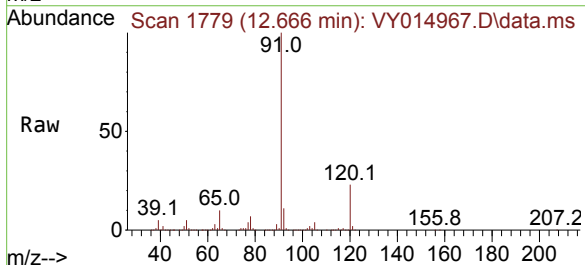
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

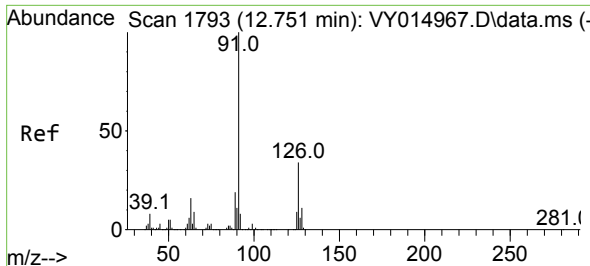
Tgt Ion:156 Resp: 185784
Ion Ratio Lower Upper
156 100
77 191.3 92.8 278.6
158 97.7 48.4 145.3



#78
n-propylbenzene
Concen: 48.979 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 91 Resp: 923971
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

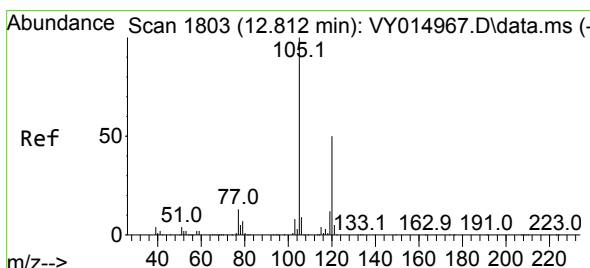
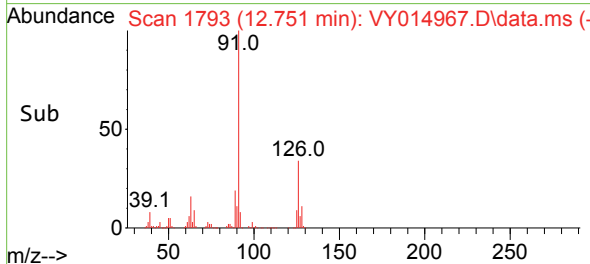
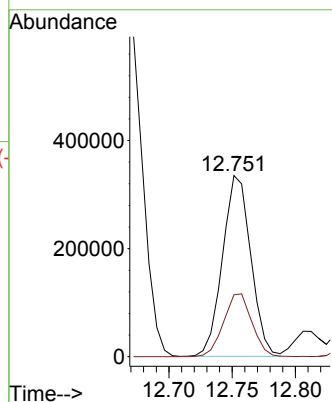
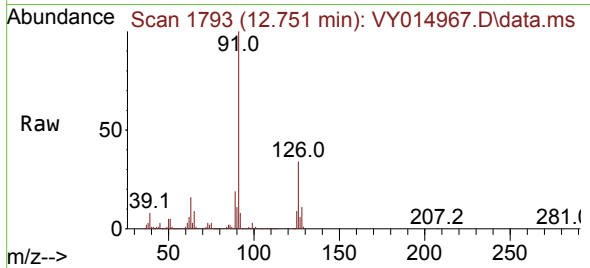




#79
2-Chlorotoluene
Concen: 48.526 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

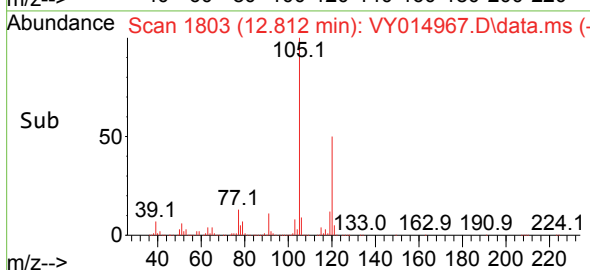
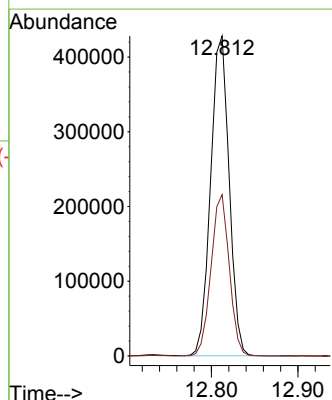
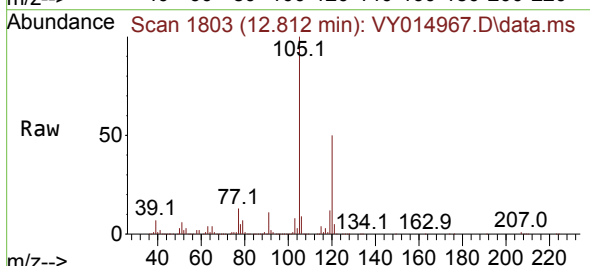
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

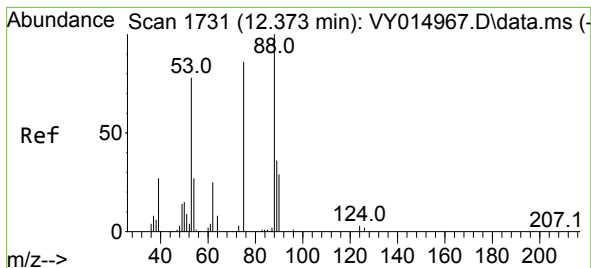
Tgt Ion: 91 Resp: 521719
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.928 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014967.D
Acq: 07 Aug 2023 16:51

Tgt Ion: 105 Resp: 635951
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

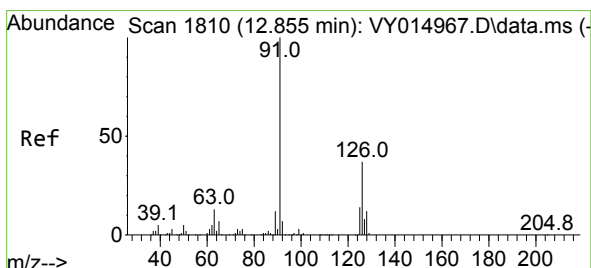
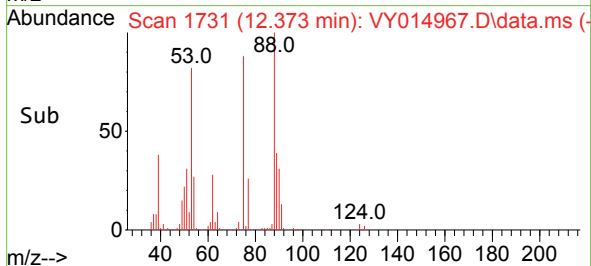
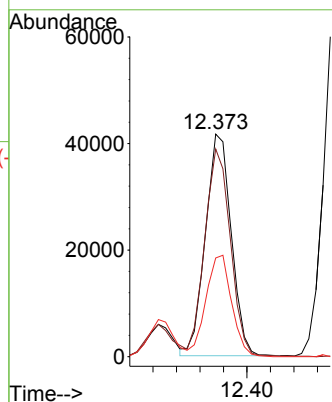
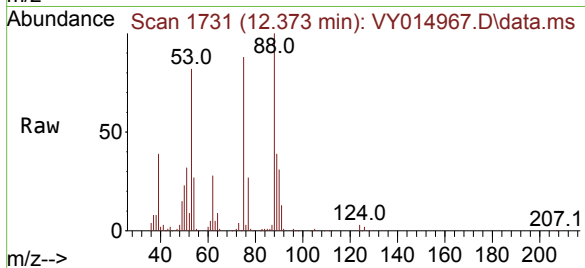




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.799 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

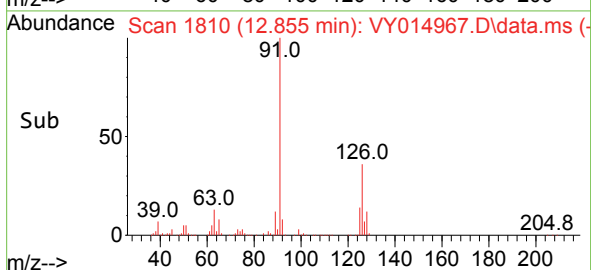
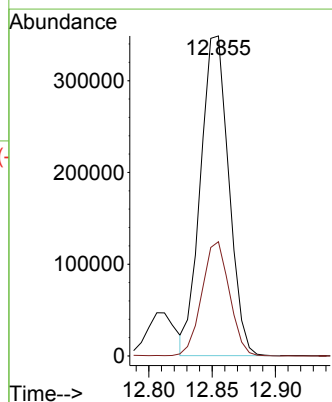
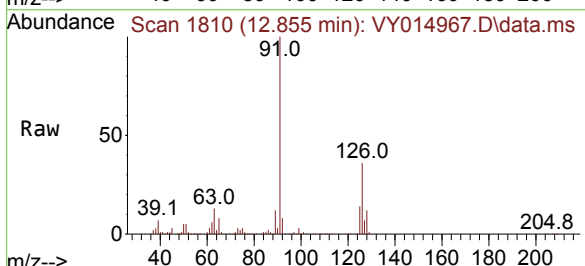
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

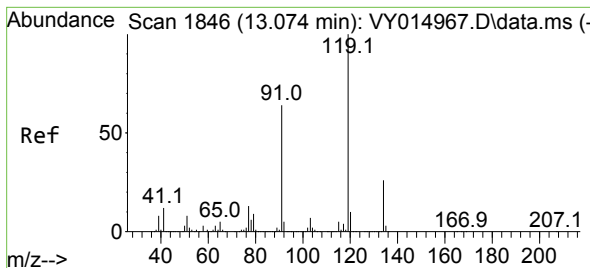
Tgt Ion: 75 Resp: 63553
 Ion Ratio Lower Upper
 75 100
 53 93.4 77.8 116.8
 89 45.7 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 48.748 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY014967.D
 Acq: 07 Aug 2023 16:51

Tgt Ion: 91 Resp: 541803
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.823 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

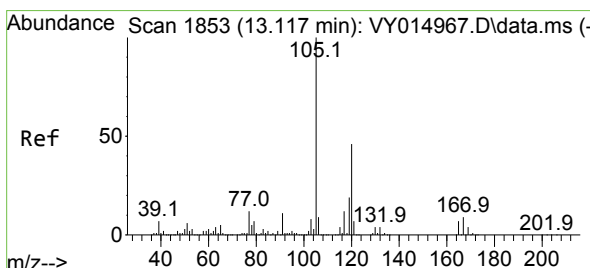
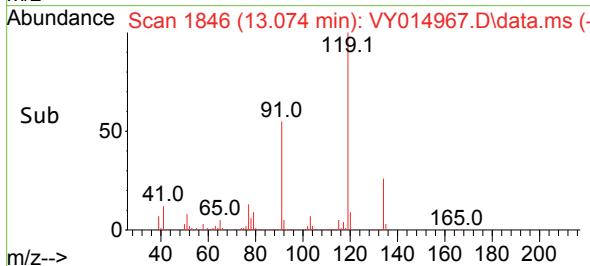
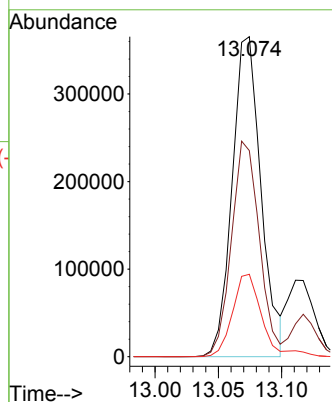
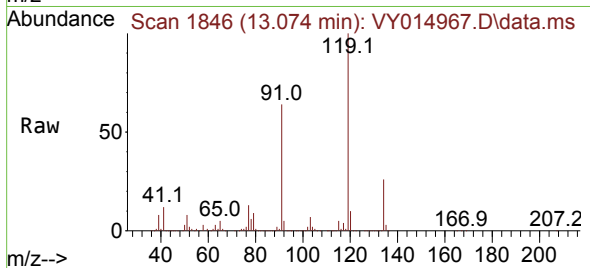
Tgt Ion:119 Resp: 580510

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.253 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014967.D

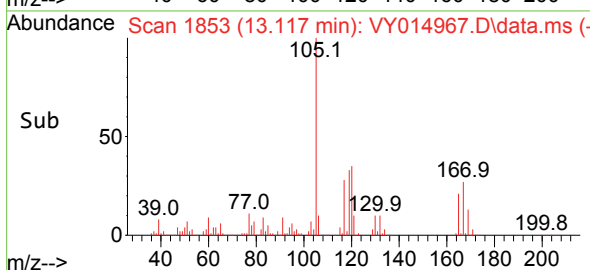
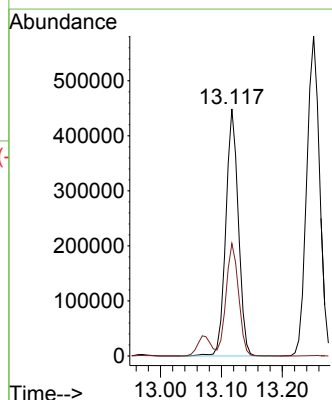
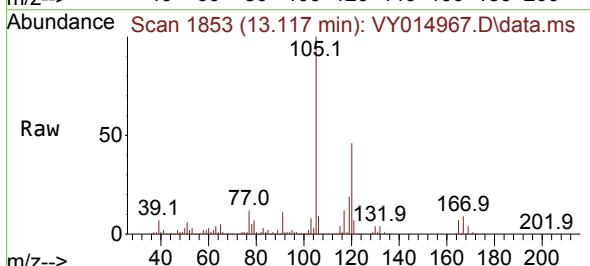
Acq: 07 Aug 2023 16:51

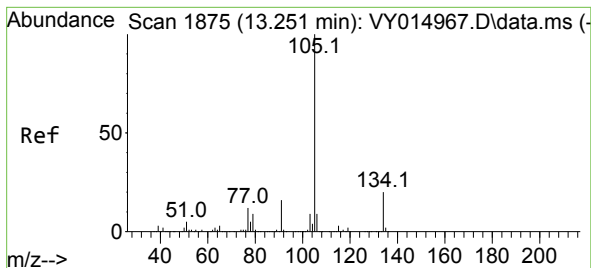
Tgt Ion:105 Resp: 641392

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.089 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

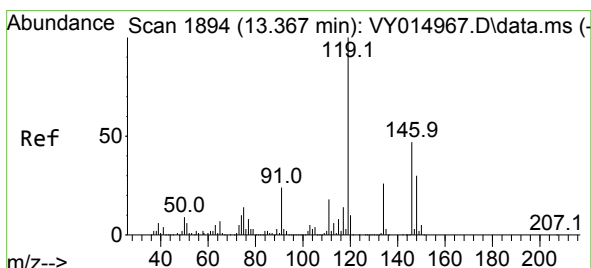
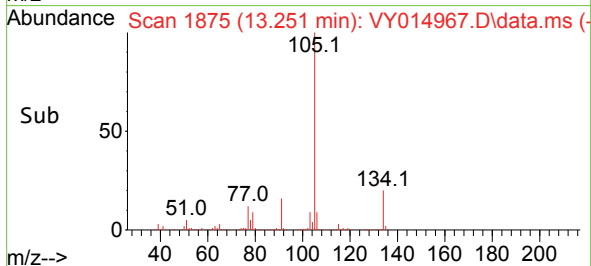
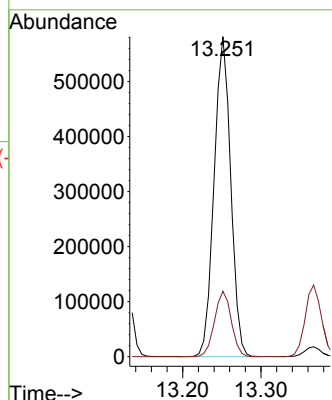
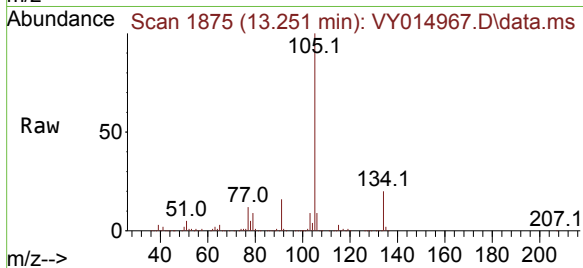
VSTDICCC050

Tgt Ion:105 Resp: 856645

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.274 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

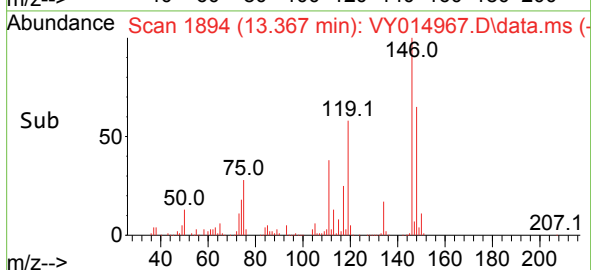
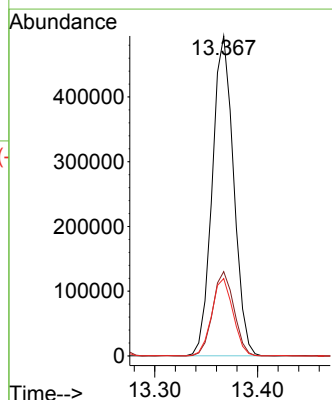
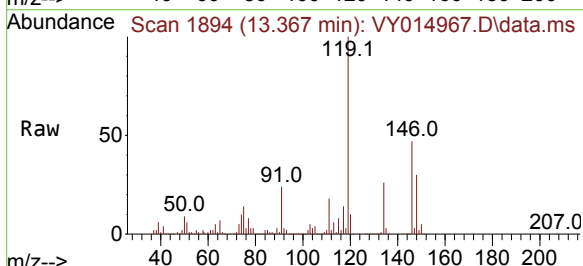
Tgt Ion:119 Resp: 711769

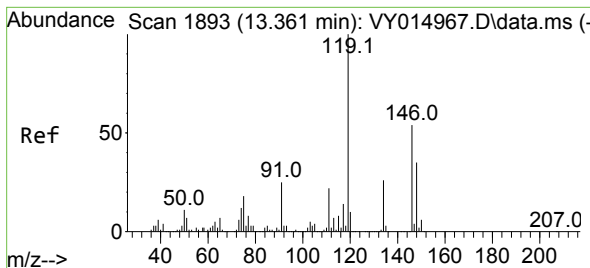
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.657 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

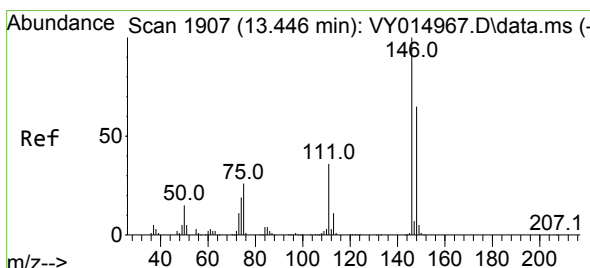
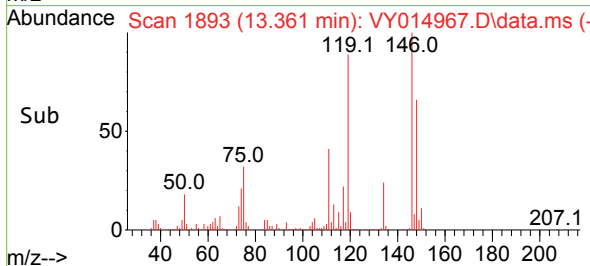
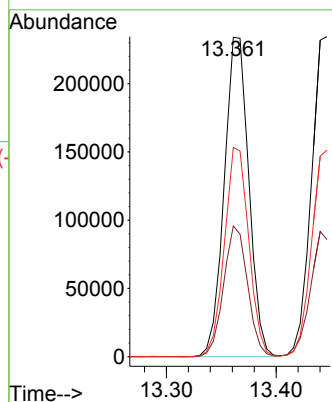
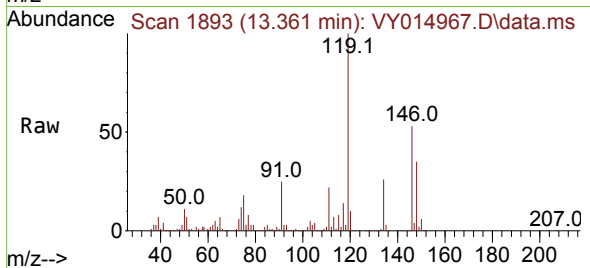
Tgt Ion:146 Resp: 364373

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 64.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.750 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

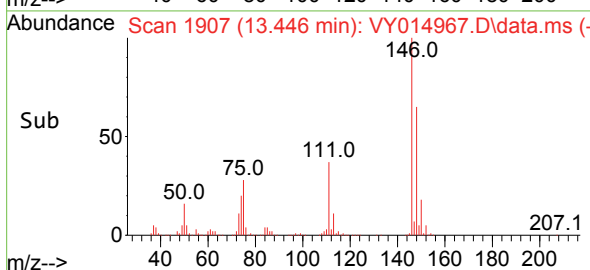
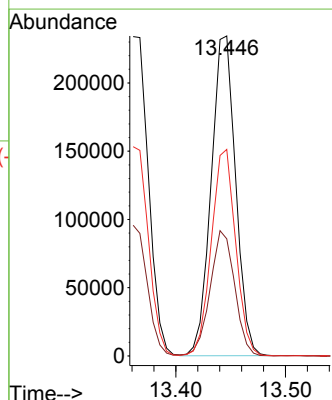
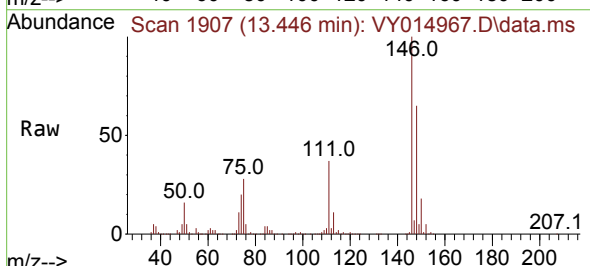
Tgt Ion:146 Resp: 364069

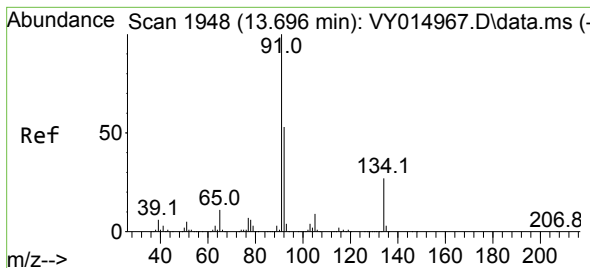
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 49.615 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

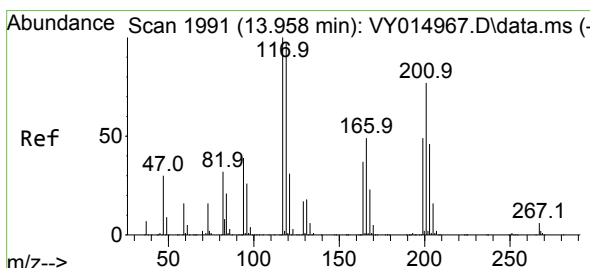
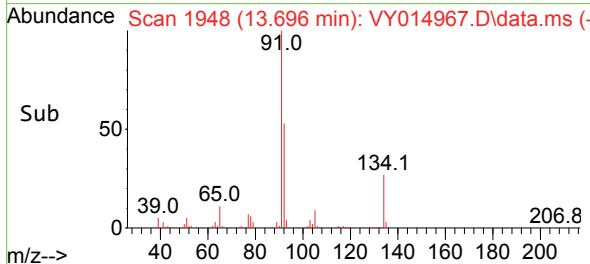
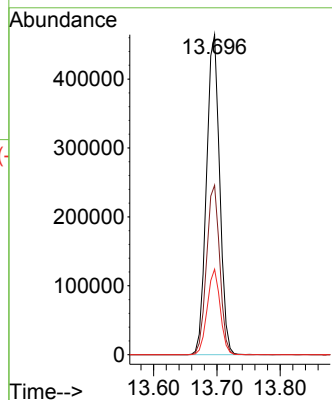
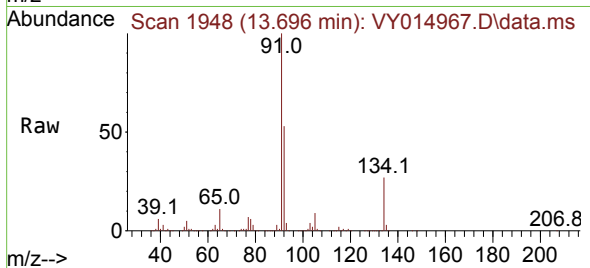
Tgt Ion: 91 Resp: 673383

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 49.404 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY014967.D

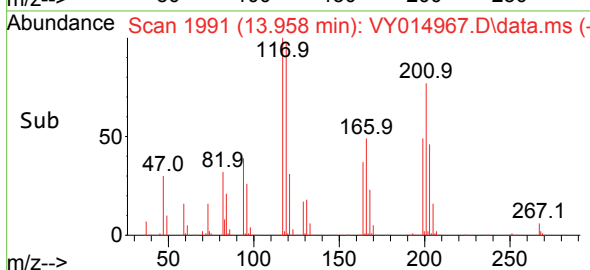
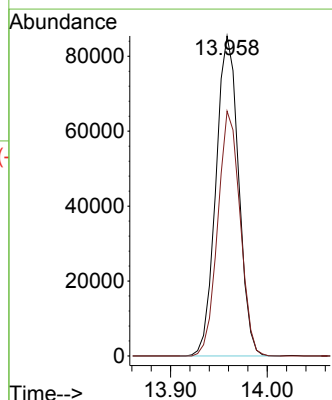
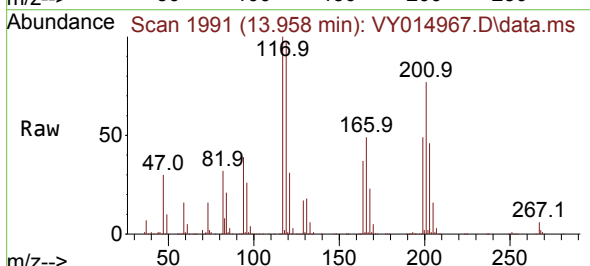
Acq: 07 Aug 2023 16:51

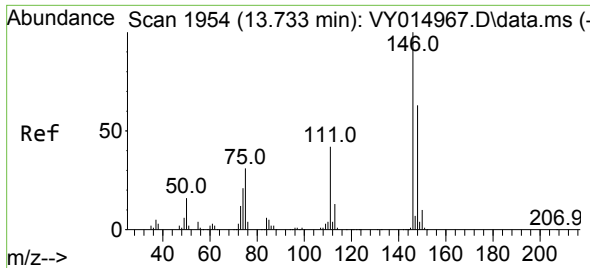
Tgt Ion: 117 Resp: 138585

Ion Ratio Lower Upper

117 100

201 75.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.150 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

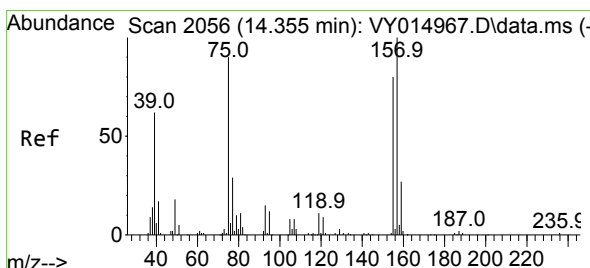
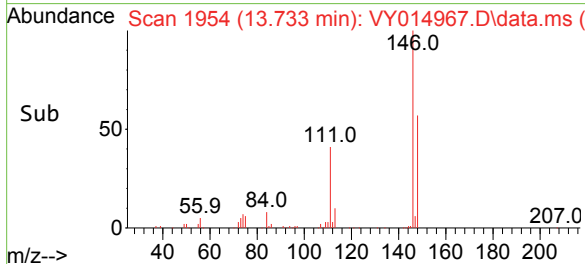
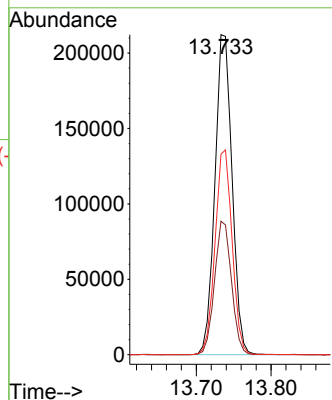
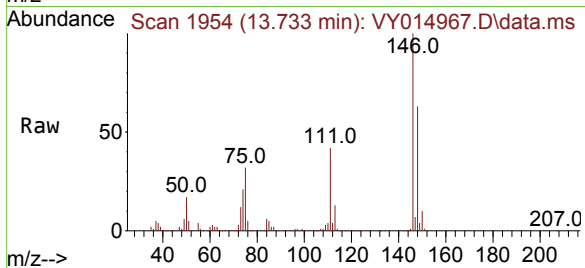
Tgt Ion:146 Resp: 339693

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.298 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

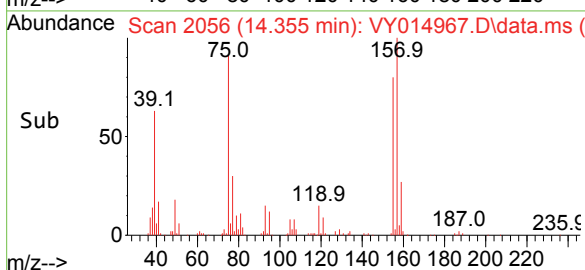
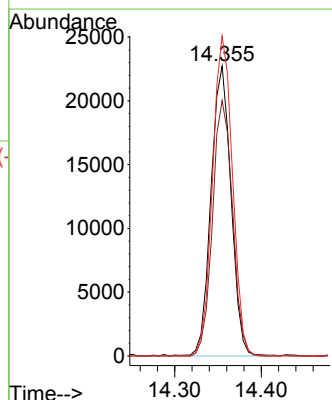
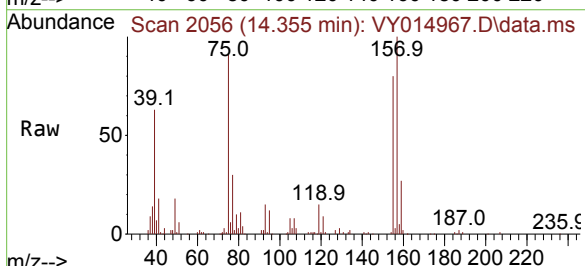
Tgt Ion: 75 Resp: 36348

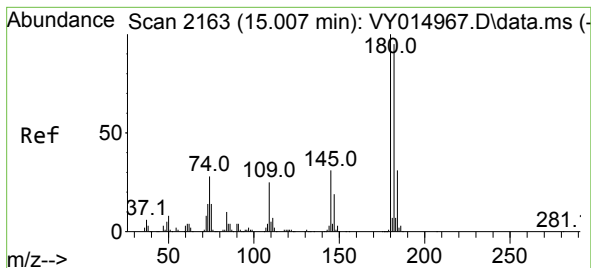
Ion Ratio Lower Upper

75 100

155 88.2 41.5 124.6

157 110.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.118 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

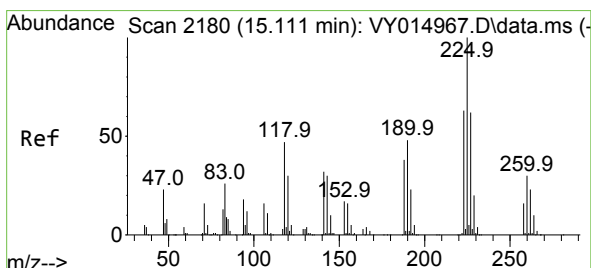
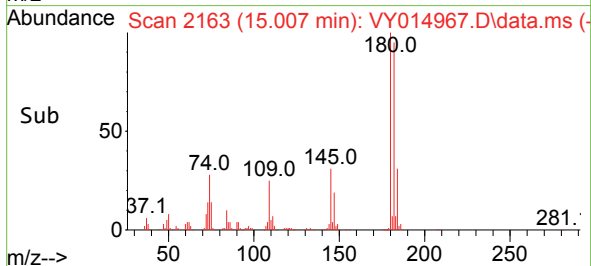
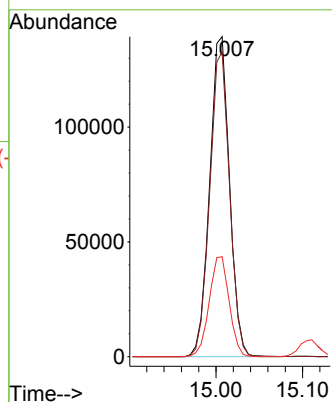
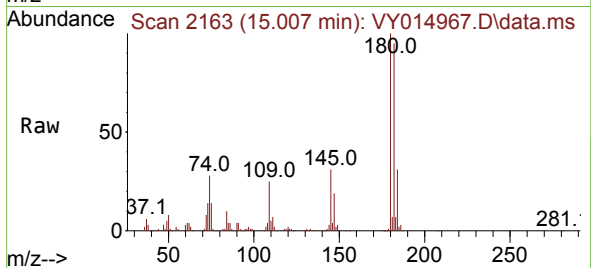
Tgt Ion:180 Resp: 221651

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.178 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

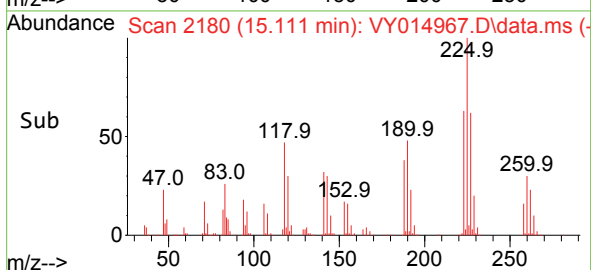
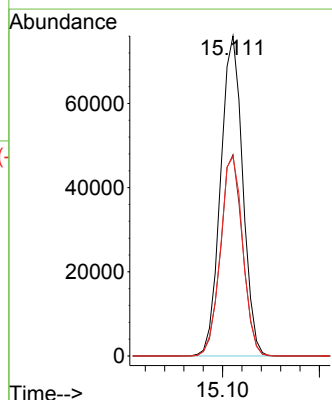
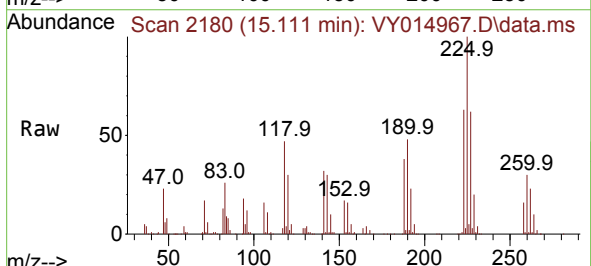
Tgt Ion:225 Resp: 120338

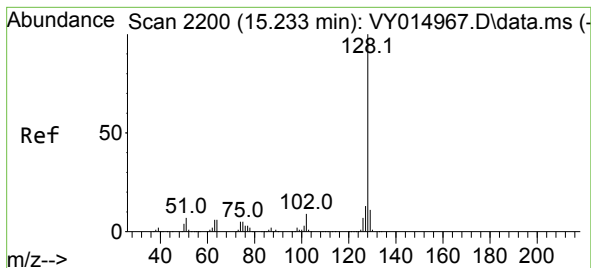
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 50.158 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

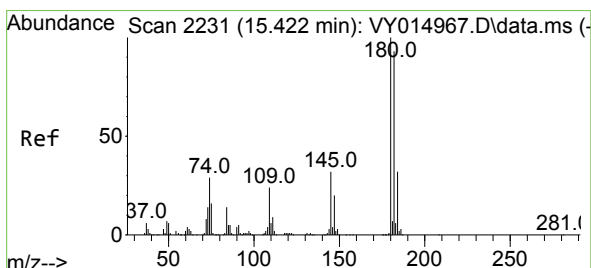
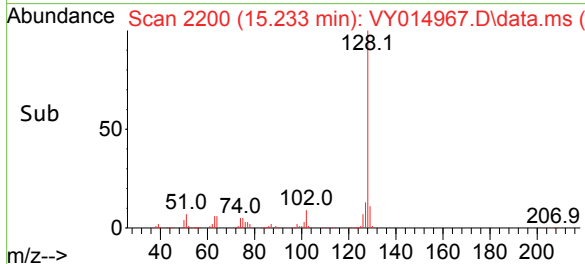
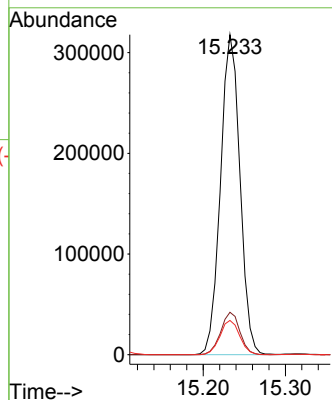
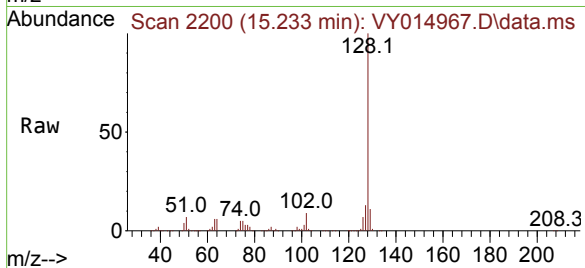
Tgt Ion:128 Resp: 521946

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.202 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY014967.D

Acq: 07 Aug 2023 16:51

Tgt Ion:180 Resp: 200968

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 32.8 15.4 46.2

