

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013142.D
 Acq On : 30 Mar 2023 10:36
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 31 03:54:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	14413	10.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.980%#		
35) Dibromofluoromethane	7.716	113	13433	10.306	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.620%#		
50) Toluene-d8	10.179	98	50497	10.262	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.520%#		
62) 4-Bromofluorobenzene	12.483	95	15941	9.953	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.900%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	13899	11.094	ug/l	99
3) Chloromethane	2.113	50	13953	10.679	ug/l	100
4) Vinyl Chloride	2.253	62	13866	10.585	ug/l	96
5) Bromomethane	2.650	94	10127	10.955	ug/l	91
6) Chloroethane	2.796	64	8876	10.817	ug/l	98
7) Trichlorofluoromethane	3.131	101	24194	10.378	ug/l	97
8) Diethyl Ether	3.534	74	7408	10.119	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	13364	10.397	ug/l	99
10) Methyl Iodide	4.094	142	16055	9.592	ug/l	99
11) Tert butyl alcohol	4.948	59	7067	57.088	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	12427	10.001	ug/l	93
13) Acrolein	3.729	56	9256	53.281	ug/l	96
14) Allyl chloride	4.479	41	21452	10.133	ug/l	99
15) Acrylonitrile	5.167	53	18710	51.432	ug/l	99
16) Acetone	3.942	43	20110	47.882	ug/l	97
17) Carbon Disulfide	4.198	76	43320	10.469	ug/l	99
18) Methyl Acetate	4.479	43	13783	10.415	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	30502	9.688	ug/l	98
20) Methylene Chloride	4.716	84	20250	9.631	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	14293	10.210	ug/l	96
22) Diisopropyl ether	6.118	45	41867	10.122	ug/l	94
23) Vinyl Acetate	6.064	43	115698	49.189	ug/l	98
24) 1,1-Dichloroethane	6.021	63	25593	10.448	ug/l	97
25) 2-Butanone	6.990	43	25974	49.459	ug/l	98
26) 2,2-Dichloropropane	6.978	77	22916	10.401	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	15183	10.067	ug/l	97
28) Bromochloromethane	7.332	49	10930	10.398	ug/l	93
29) Tetrahydrofuran	7.344	42	15529	49.952	ug/l	98
30) Chloroform	7.508	83	26431	10.419	ug/l	99
31) Cyclohexane	7.783	56	23284	10.384	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	22578	10.067	ug/l	97
36) 1,1-Dichloropropene	7.923	75	19381	9.877	ug/l	98
37) Ethyl Acetate	7.076	43	10697	9.597	ug/l	100
38) Carbon Tetrachloride	7.899	117	21719	10.032	ug/l	96
39) Methylcyclohexane	9.185	83	21307	9.256	ug/l	86
40) Benzene	8.161	78	56783	10.019	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	15125	27.933	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	17464	10.058	ug/l	99
43) Isopropyl Acetate	8.271	43	19297	9.672	ug/l #	90
44) Trichloroethene	8.941	130	15567	9.978	ug/l	96
45) 1,2-Dichloropropane	9.216	63	14523	10.233	ug/l	97
46) Dibromomethane	9.301	93	8251	10.121	ug/l	96
47) Bromodichloromethane	9.496	83	19849	10.090	ug/l	94
48) Methyl methacrylate	9.289	41	8570	9.223	ug/l	96
49) 1,4-Dioxane	9.301	88	1957	201.779	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	53773	49.937	ug/l	100
52) Toluene	10.246	92	34481	9.808	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	19497	9.697	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	22620	9.850	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	11610	10.302	ug/l	94
56) Ethyl methacrylate	10.508	69	12884	9.093	ug/l	97
57) 1,3-Dichloropropane	10.788	76	19172	10.078	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	33193	50.102	ug/l	100
59) 2-Hexanone	10.831	43	35993	46.217	ug/l	99
60) Dibromochloromethane	10.983	129	14228	10.052	ug/l	99
61) 1,2-Dibromoethane	11.087	107	10945	10.024	ug/l	99
64) Tetrachloroethene	10.721	164	13692	9.827	ug/l	90
65) Chlorobenzene	11.514	112	38858	10.099	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	14500	10.052	ug/l	99
67) Ethyl Benzene	11.593	91	63992	9.630	ug/l	99
68) m/p-Xylenes	11.703	106	50176	19.519	ug/l	99
69) o-Xylene	12.026	106	22744	9.539	ug/l	97
70) Styrene	12.044	104	38124	9.558	ug/l	98
71) Bromoform	12.209	173	8849	9.893	ug/l #	97
73) Isopropylbenzene	12.331	105	59707	9.491	ug/l	99
74) N-amyl acetate	12.142	43	15826	9.163	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	13530	10.268	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	16829	16.443	ug/l #	100
77) Bromobenzene	12.605	156	15613	9.983	ug/l	95
78) n-propylbenzene	12.672	91	74974	9.693	ug/l	98
79) 2-Chlorotoluene	12.758	91	43173	9.837	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	51018	9.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4491	9.783	ug/l	97
82) 4-Chlorotoluene	12.855	91	45432	9.946	ug/l	99
83) tert-Butylbenzene	13.075	119	42500	9.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	49560	9.622	ug/l	98
85) sec-Butylbenzene	13.251	105	65315	9.576	ug/l	98
86) p-Isopropyltoluene	13.367	119	54069	9.629	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	31327	10.105	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	31357	10.093	ug/l	96
89) n-Butylbenzene	13.696	91	48887	9.313	ug/l	99
90) Hexachloroethane	13.959	117	11717	10.017	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	27697	10.003	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2232	10.180	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	14058	8.707	ug/l	96
94) Hexachlorobutadiene	15.111	225	9401	9.467	ug/l	99
95) Naphthalene	15.239	128	24272	9.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	12333	8.670	ug/l	97

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

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MSVOA_Y
ClientSampleId :
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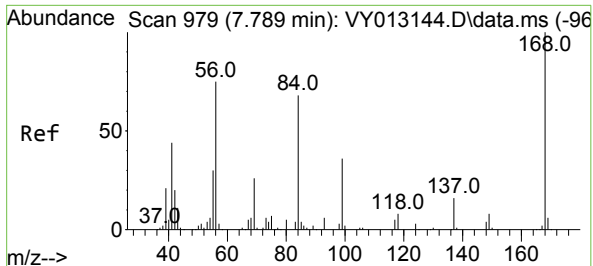
Abundance

TIC: VY013142.D\data.ms

Time-->

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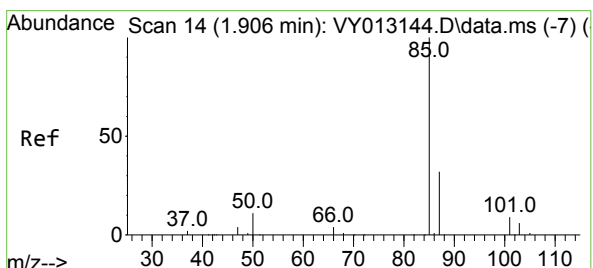
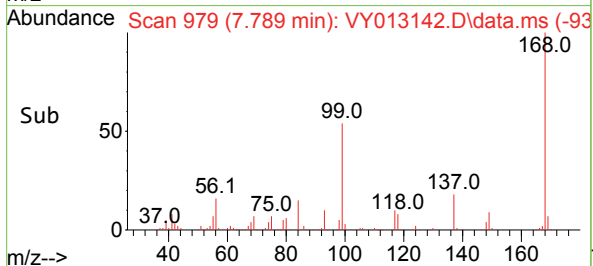
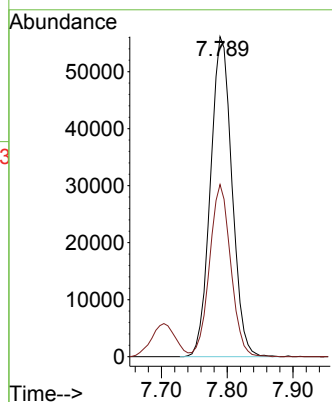
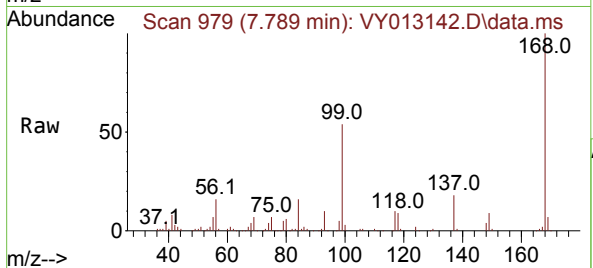
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Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1-Dichloroethane, T
1,1-Dichloroethane, T
Ethyl Acetate, T
2,2-Dichloropropane, T
Chloroform, C
Dibromodichloromethane, S
1,1-Dichloroethylene, T
Isopropyl acetate, T
1,1-Dichloroethane, S
1,4-Difluorobenzene, I
Trichloroethene, TM
Methyl Chloride, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl 2-Bromopropionate, T
1,1,2-Trichloroethane, T
1,3-Dichlorobenzene, T
1,2-Dichloroethane, T
Chlorobenzene, P
1,1,2-Trichloroethane, T
o-Xylene, T
Nonyl acetate, T
Bromobenzene, T
trans-1,4-Dichloro-2-butene, T
Benzofluorobenzene, S
1,1,2,3-Tetrachloroethane, T
1,1,2,3-Tetrachlorobutane, T
2-Chlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dichloroethane, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
Hexachlorobutadiene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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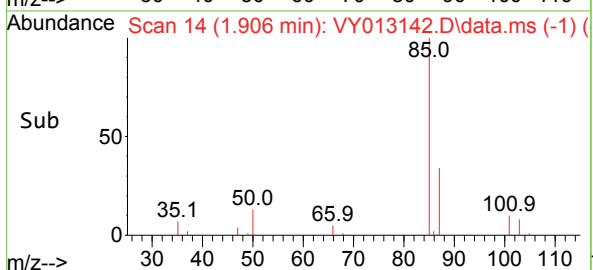
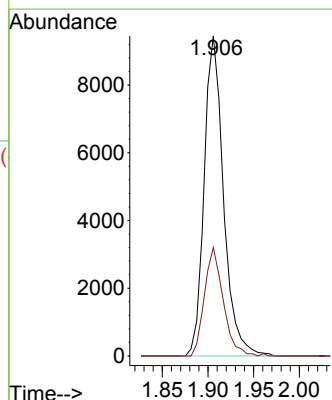
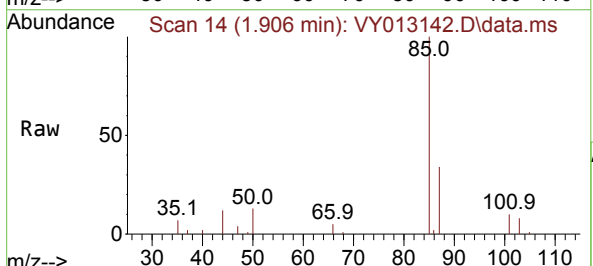
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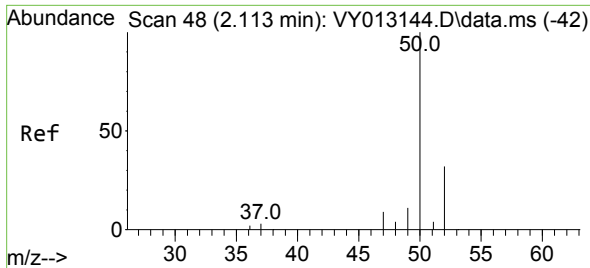
Tgt Ion:168 Resp: 127804
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 11.094 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 85 Resp: 13899
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.0

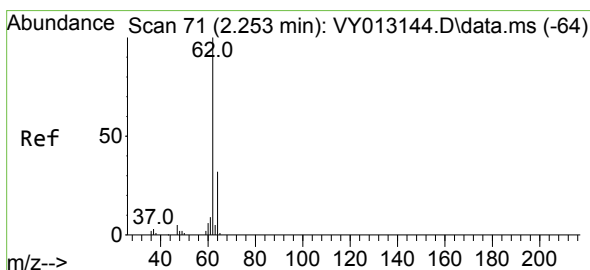
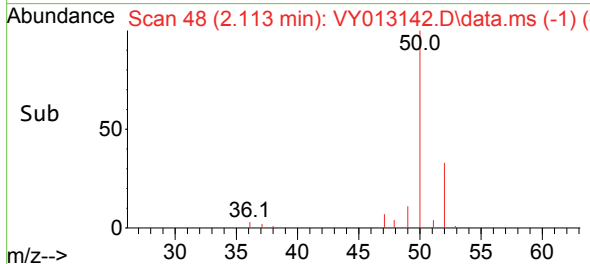
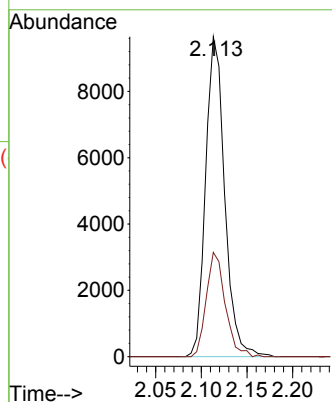
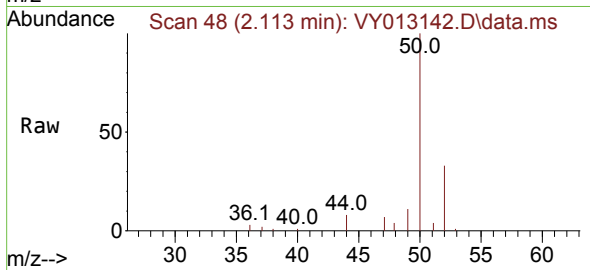




#3
Chloromethane
Concen: 10.679 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

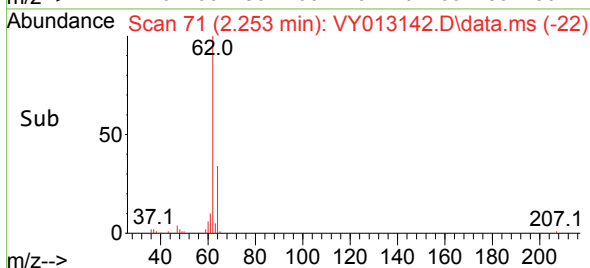
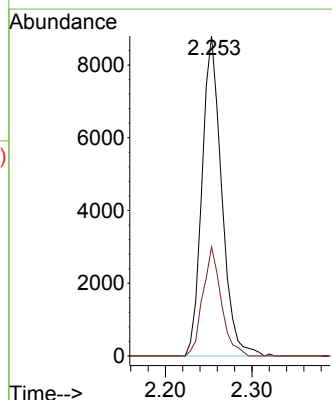
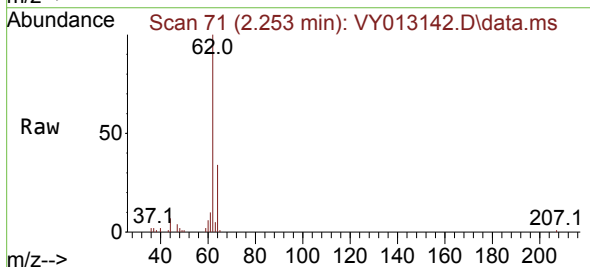
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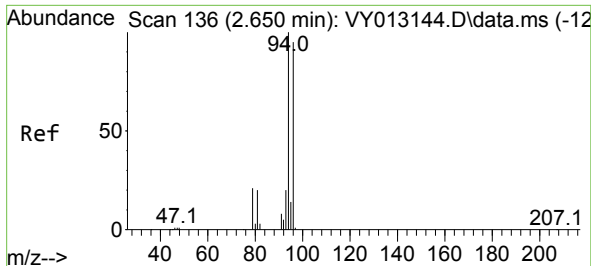
Tgt Ion: 50 Resp: 13953
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 10.585 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 62 Resp: 13866
Ion Ratio Lower Upper
62 100
64 34.1 25.6 38.4

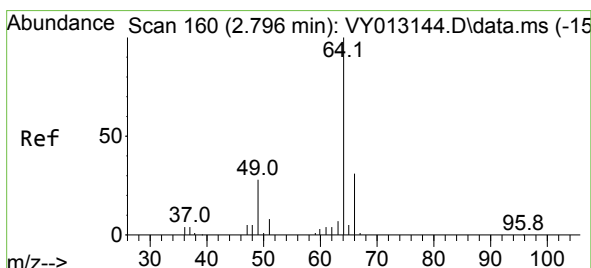
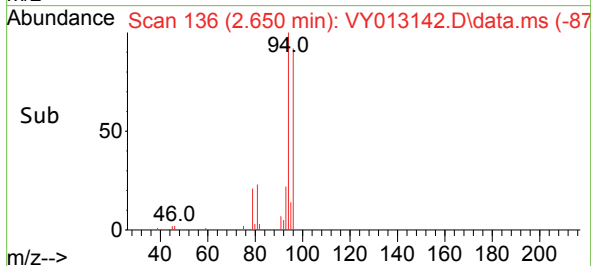
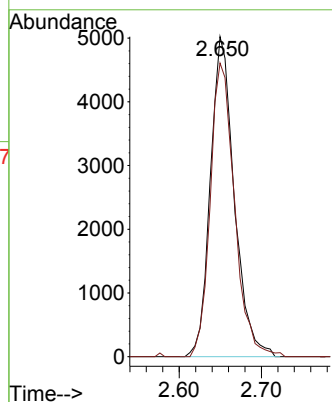
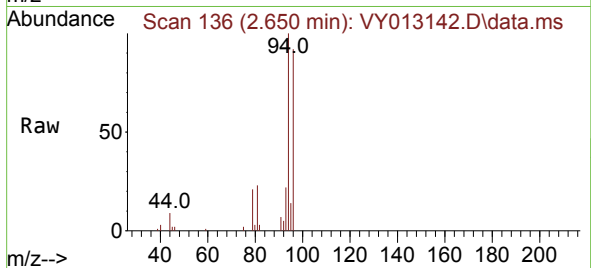




#5
Bromomethane
Concen: 10.955 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013142.D
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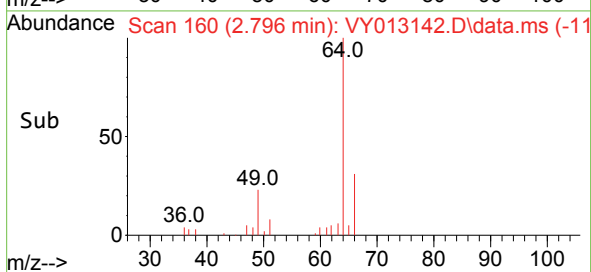
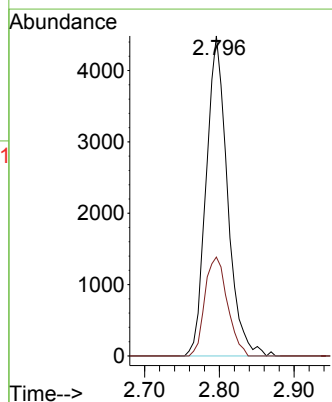
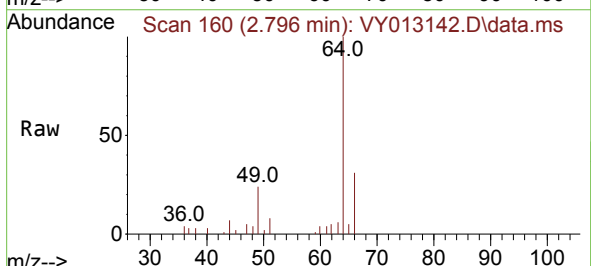
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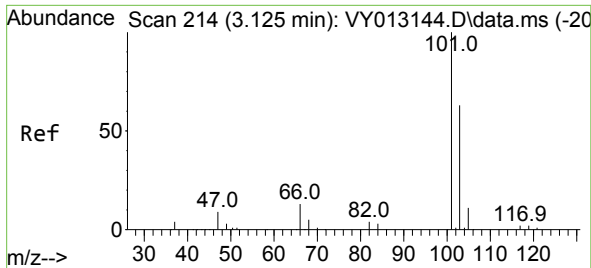
Tgt Ion: 94 Resp: 10127
Ion Ratio Lower Upper
94 100
96 91.8 80.3 120.5



#6
Chloroethane
Concen: 10.817 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 64 Resp: 8876
Ion Ratio Lower Upper
64 100
66 30.9 25.7 38.5

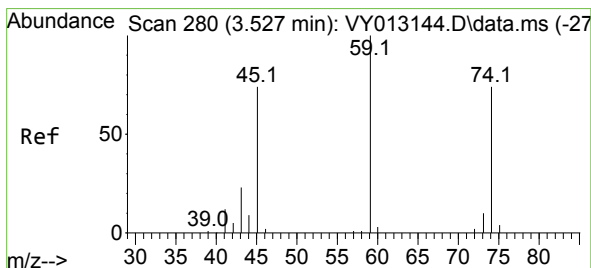
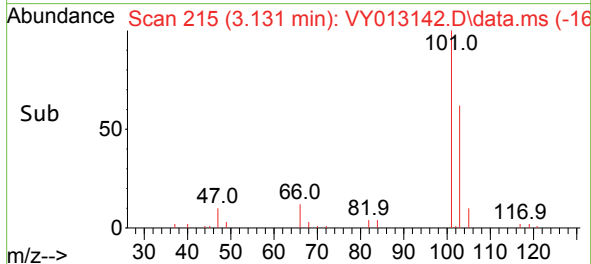
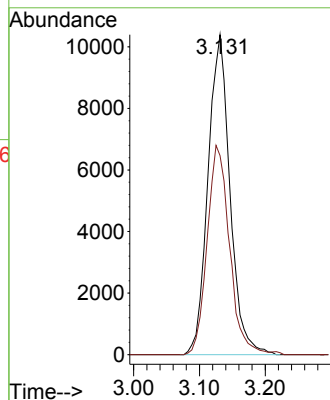
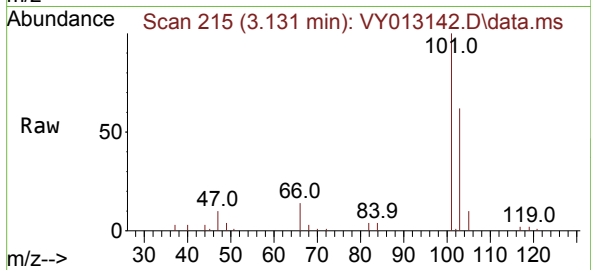




#7
Trichlorofluoromethane
Concen: 10.378 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
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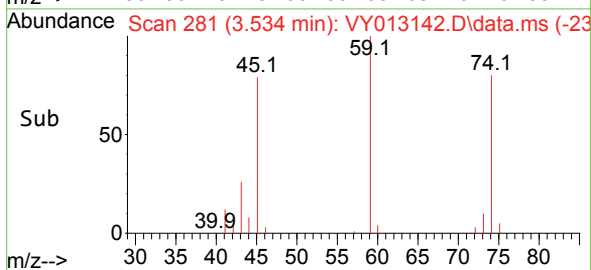
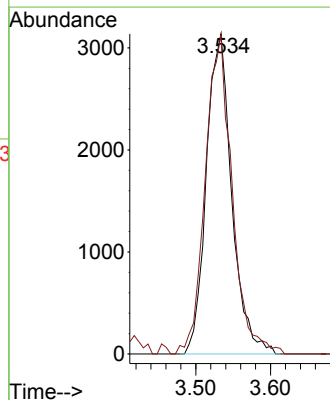
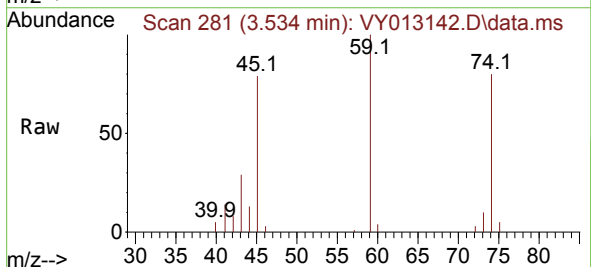
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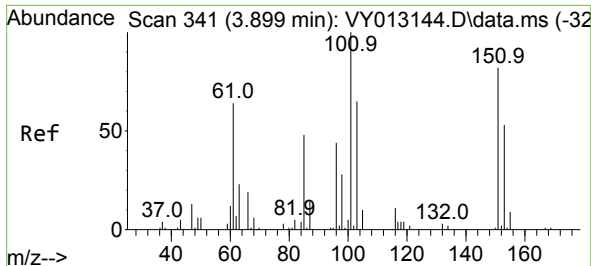
Tgt Ion:101 Resp: 24194
Ion Ratio Lower Upper
101 100
103 62.2 51.5 77.3



#8
Diethyl Ether
Concen: 10.119 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 7408
Ion Ratio Lower Upper
74 100
45 105.4 52.1 156.4

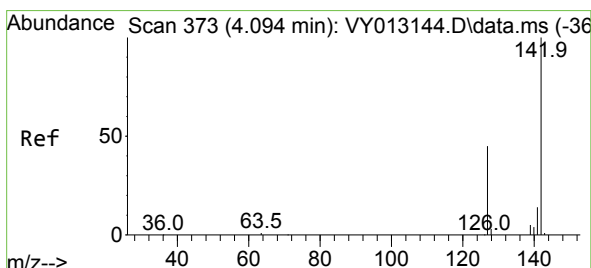
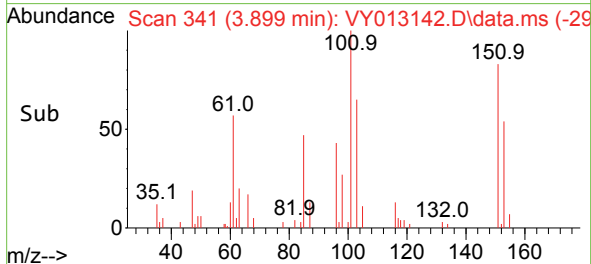
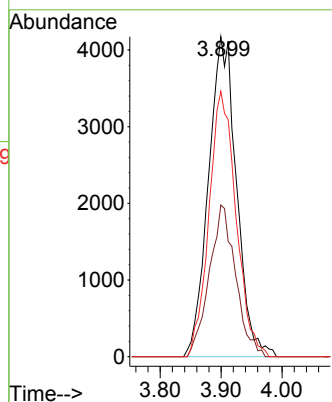
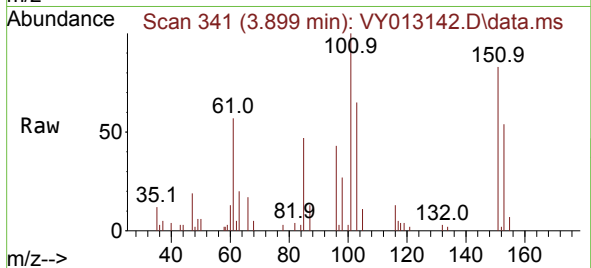




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.397 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

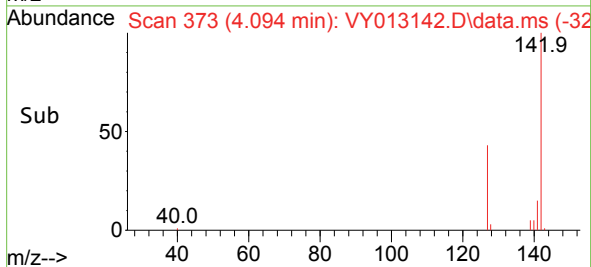
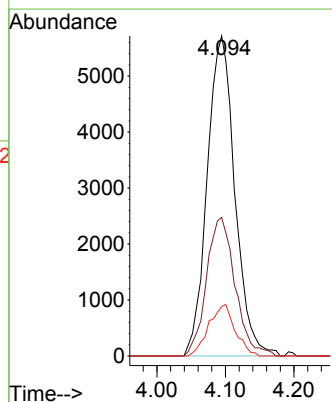
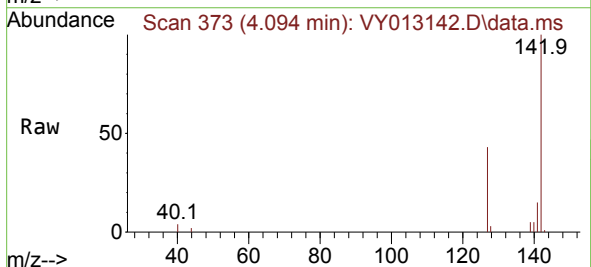
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

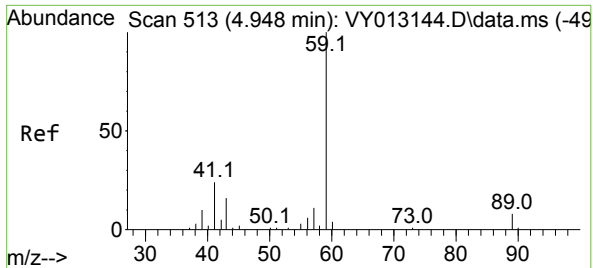
Tgt Ion:101 Resp: 13364
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 79.9 63.1 94.7



#10
Methyl Iodide
Concen: 9.592 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion:142 Resp: 16055
Ion Ratio Lower Upper
142 100
127 44.7 35.4 53.2
141 15.2 11.3 16.9

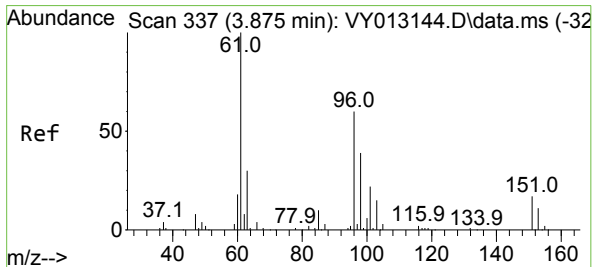
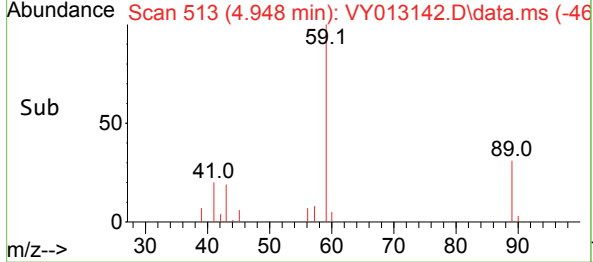
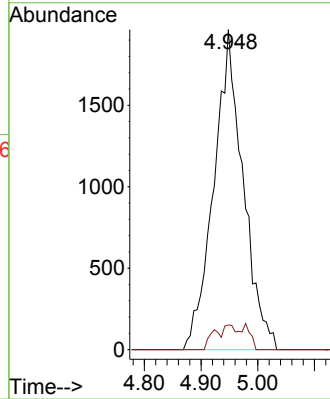
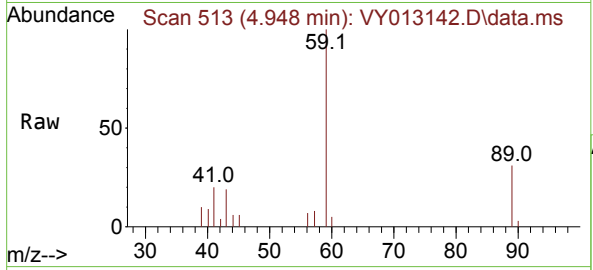




#11
Tert butyl alcohol
Concen: 57.088 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

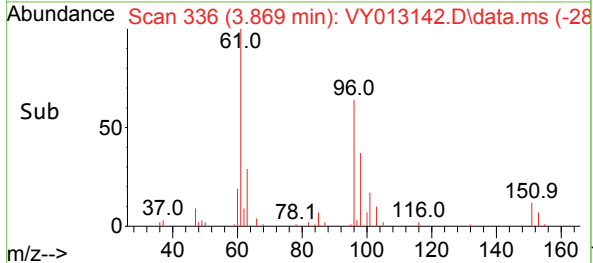
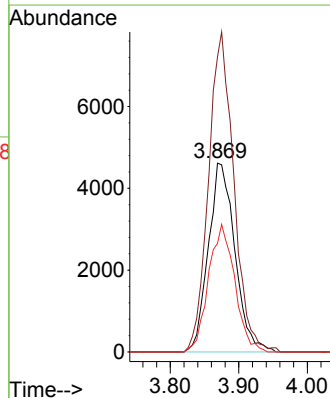
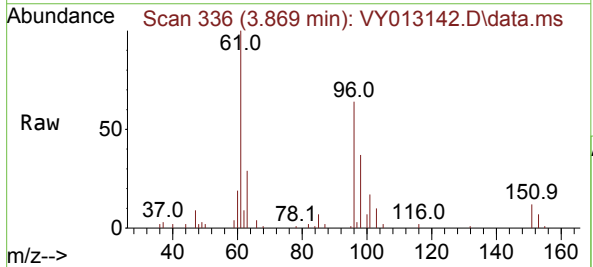
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

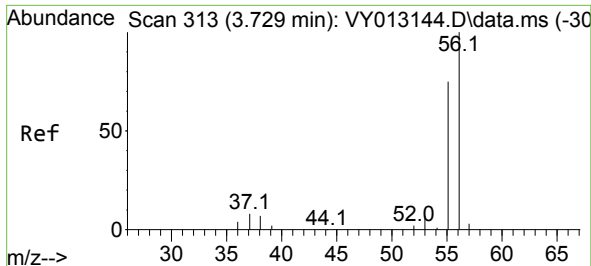
Tgt Ion: 59 Resp: 7067
Ion Ratio Lower Upper
59 100
57 2.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 10.001 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 96 Resp: 12427
Ion Ratio Lower Upper
96 100
61 156.2 131.7 197.5
98 57.4 52.0 78.0





#13

Acrolein

Concen: 53.281 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

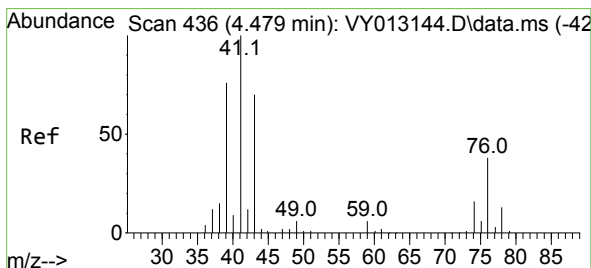
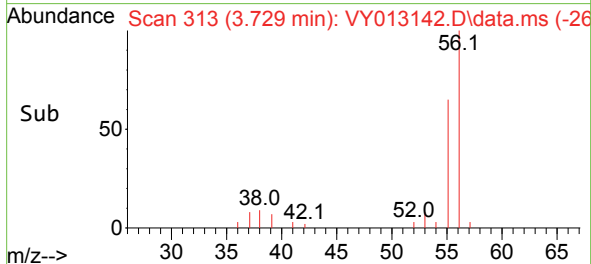
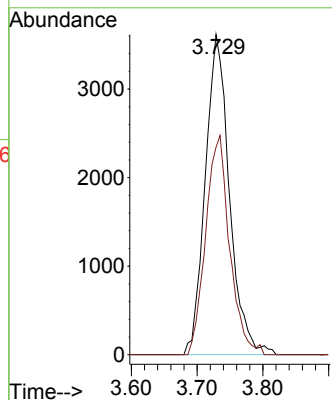
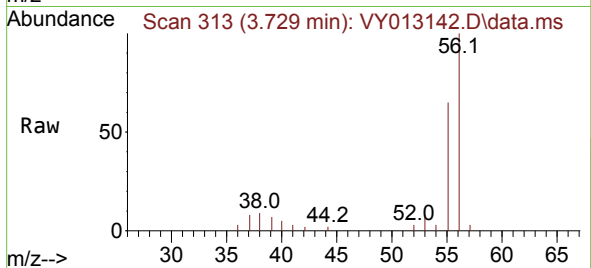
VSTDIC010

Tgt Ion: 56 Resp: 9256

Ion Ratio Lower Upper

56 100

55 67.7 56.8 85.2



#14

Allyl chloride

Concen: 10.133 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

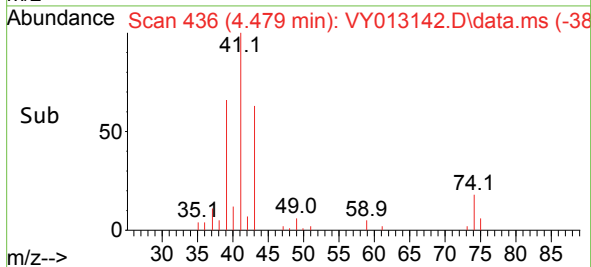
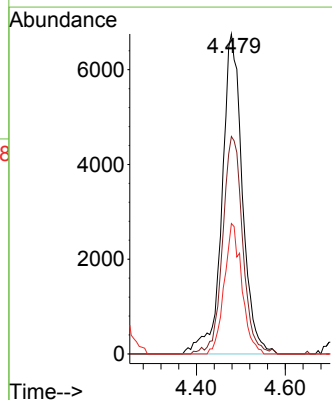
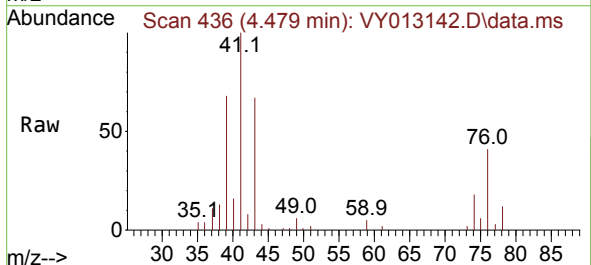
Tgt Ion: 41 Resp: 21452

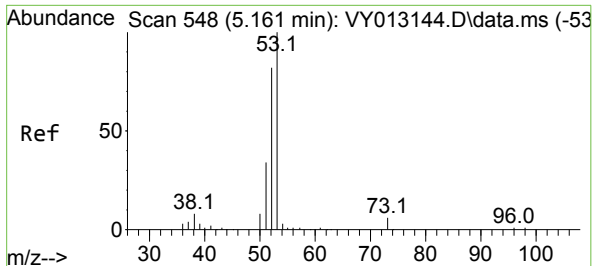
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 35.3 27.2 40.8





#15

Acrylonitrile

Concen: 51.432 ug/l

RT: 5.167 min Scan# 548

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

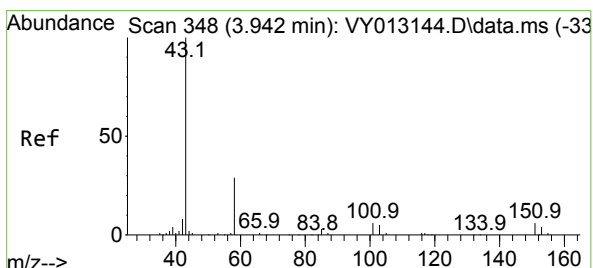
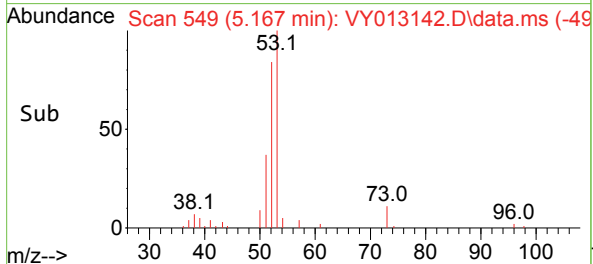
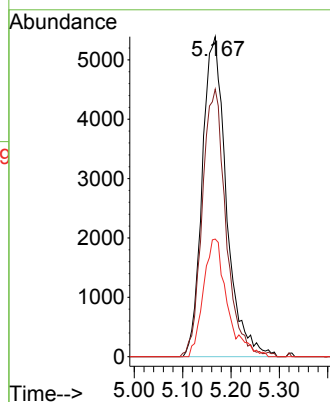
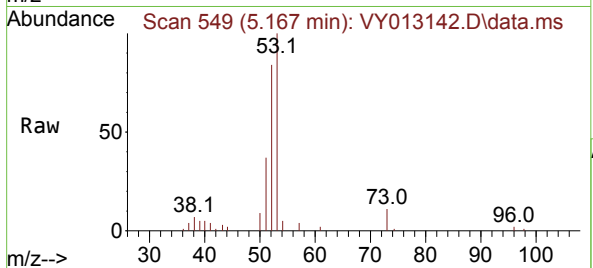
Tgt Ion: 53 Resp: 18710

Ion Ratio Lower Upper

53 100

52 81.6 66.3 99.5

51 36.4 28.8 43.2



#16

Acetone

Concen: 47.882 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY013142.D

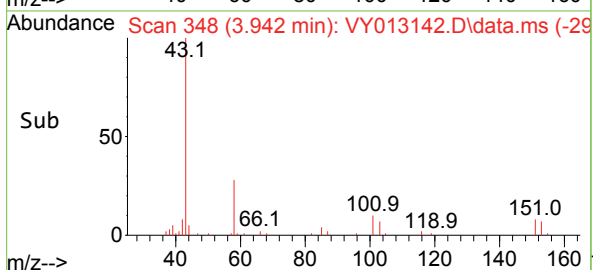
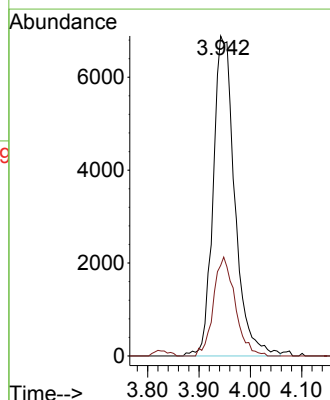
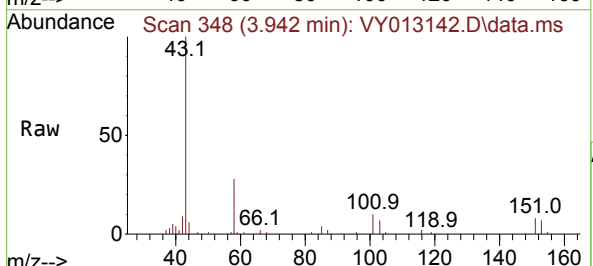
Acq: 30 Mar 2023 10:36

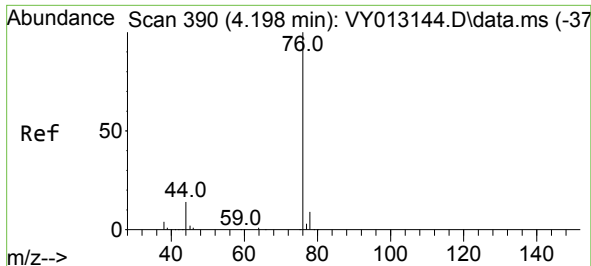
Tgt Ion: 43 Resp: 20110

Ion Ratio Lower Upper

43 100

58 28.3 24.2 36.2

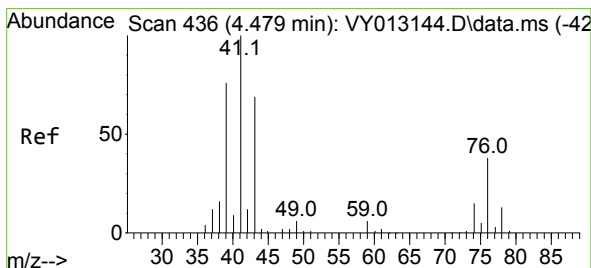
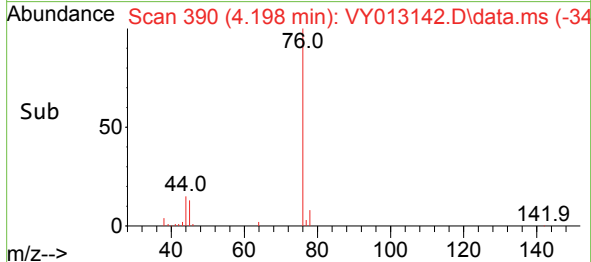
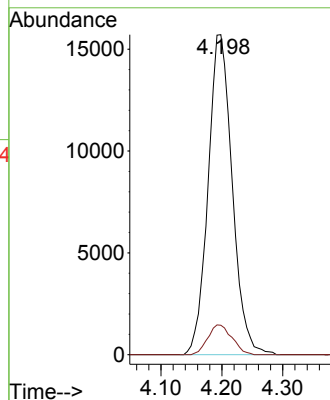
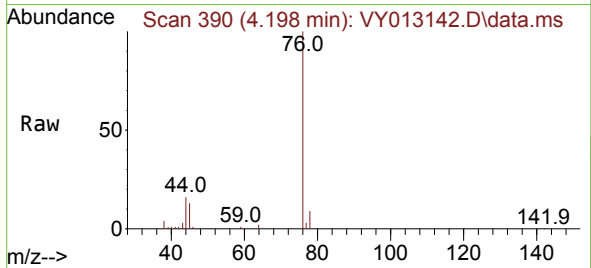




#17
Carbon Disulfide
Concen: 10.469 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

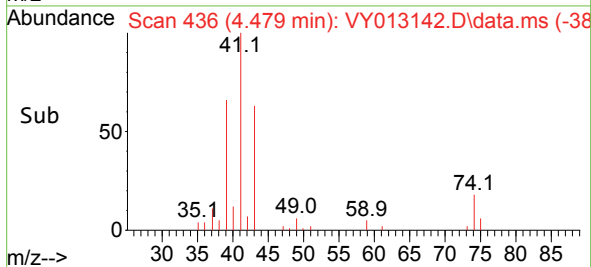
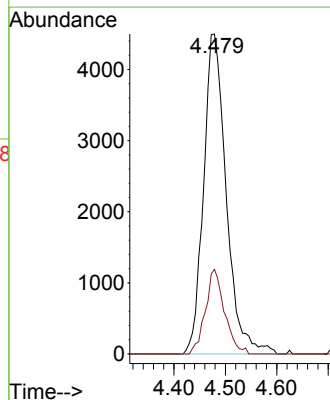
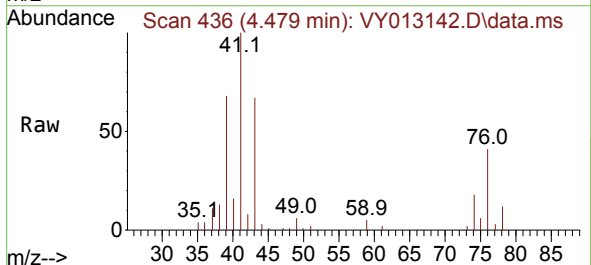
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

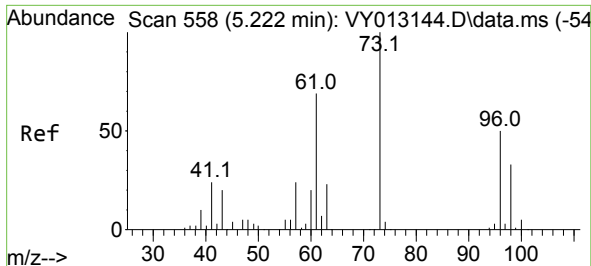
Tgt Ion: 76 Resp: 43320
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 10.415 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 43 Resp: 13783
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 9.688 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

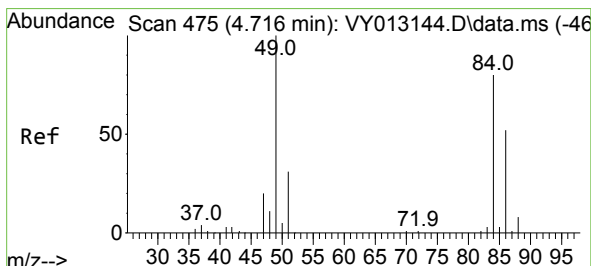
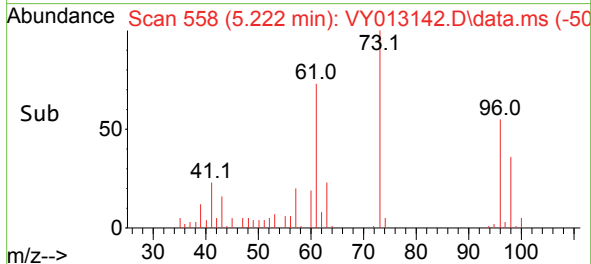
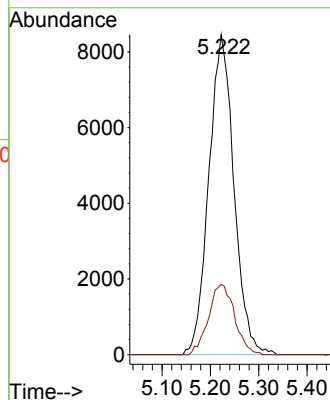
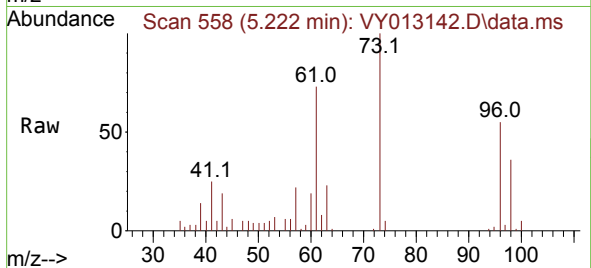
VSTDIC010

Tgt Ion: 73 Resp: 30502

Ion Ratio Lower Upper

73 100

57 21.9 18.3 27.5



#20

Methylene Chloride

Concen: 9.631 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Tgt Ion: 84 Resp: 20250

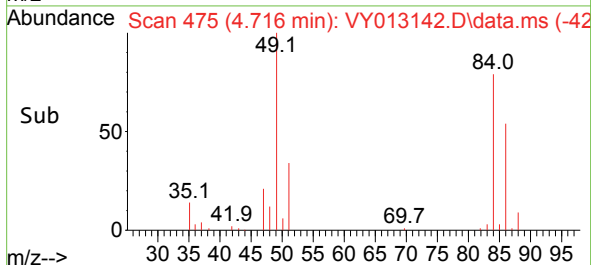
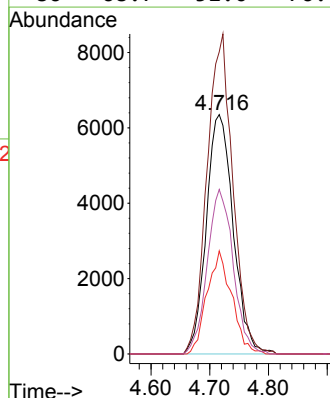
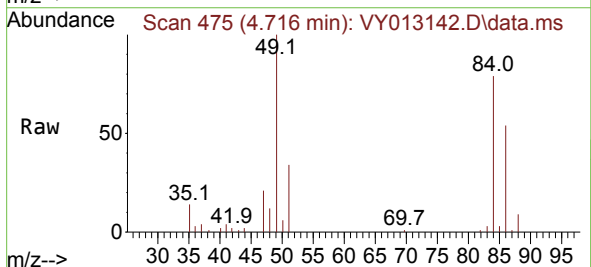
Ion Ratio Lower Upper

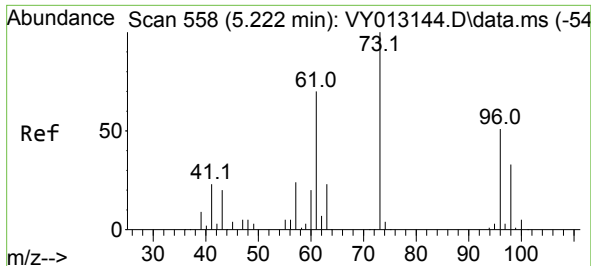
84 100

49 126.2 102.6 154.0

51 43.1 31.9 47.9

86 68.7 51.0 76.6

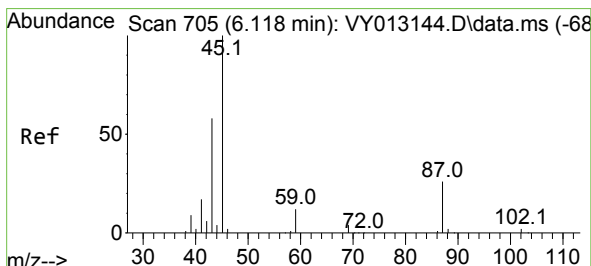
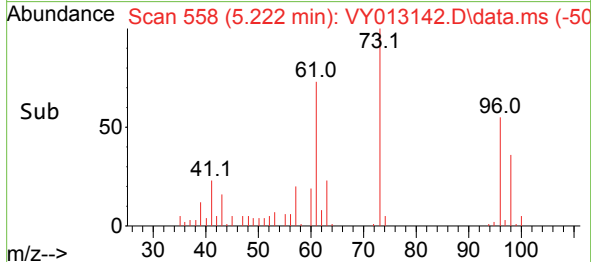
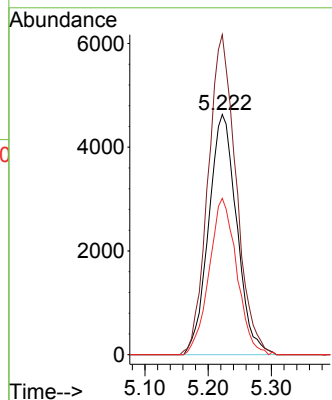
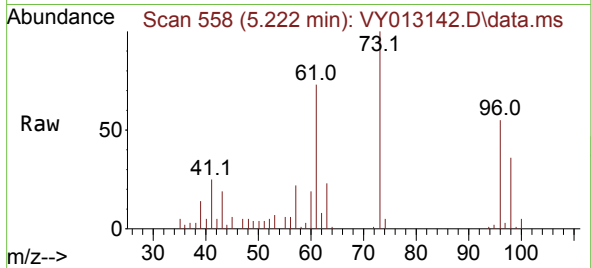




#21
trans-1,2-Dichloroethene
Concen: 10.210 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

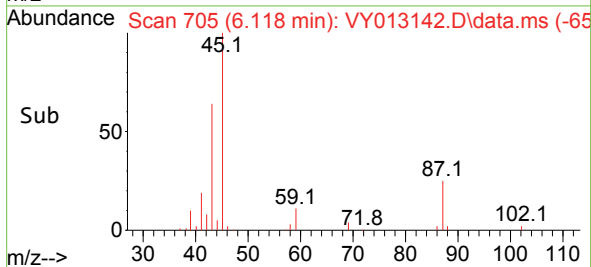
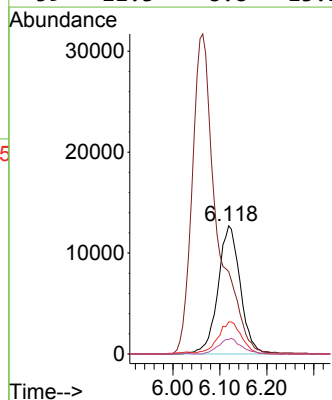
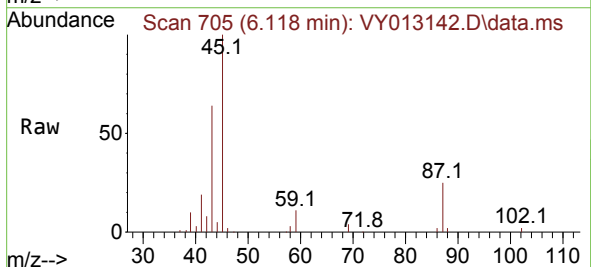
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

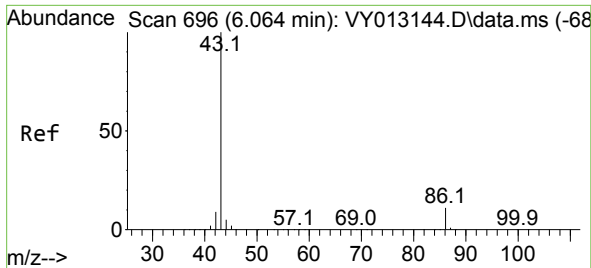
Tgt Ion: 96 Resp: 14293
Ion Ratio Lower Upper
96 100
61 133.3 111.4 167.0
98 65.1 50.8 76.2



#22
Diisopropyl ether
Concen: 10.122 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 45 Resp: 41867
Ion Ratio Lower Upper
45 100
43 63.5 45.0 67.6
87 25.0 20.3 30.5
59 11.3 8.8 13.2

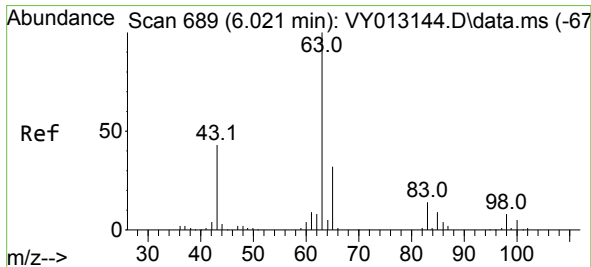
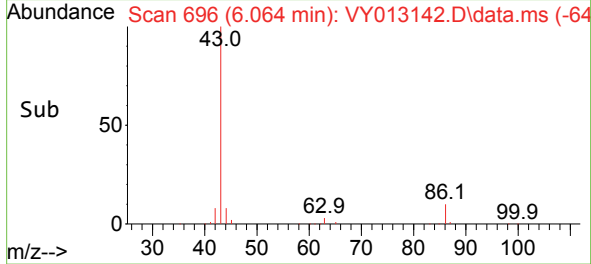
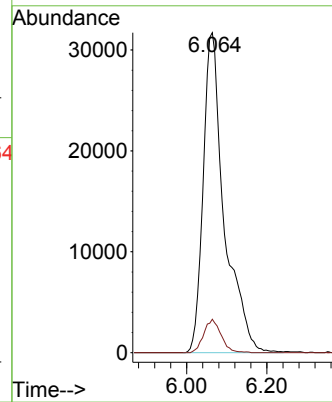
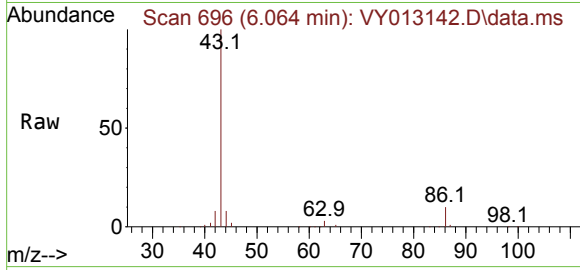




#23
 Vinyl Acetate
 Concen: 49.189 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

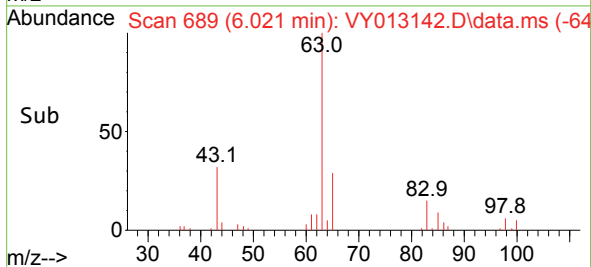
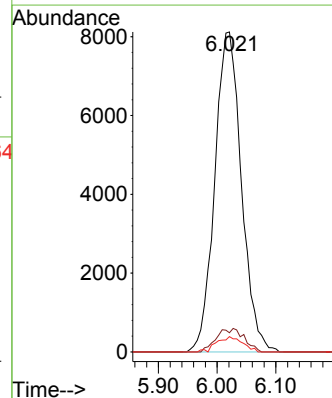
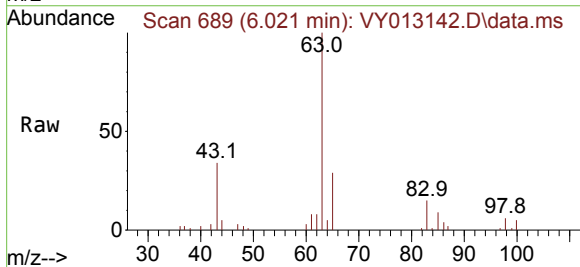
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

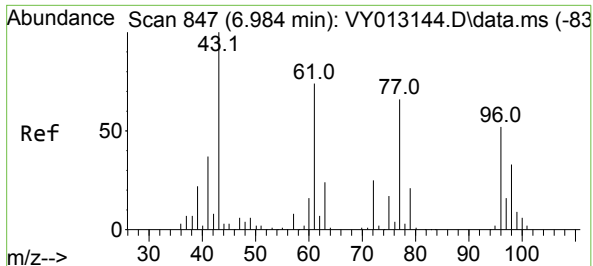
Tgt Ion: 43 Resp: 115698
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 10.448 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

Tgt Ion: 63 Resp: 25593
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 49.459 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

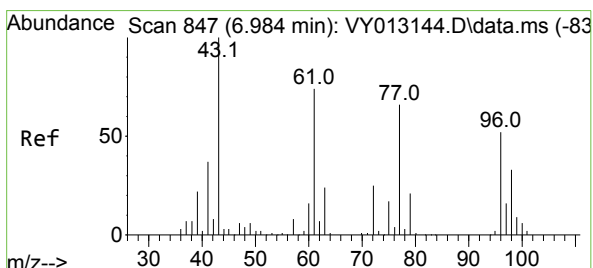
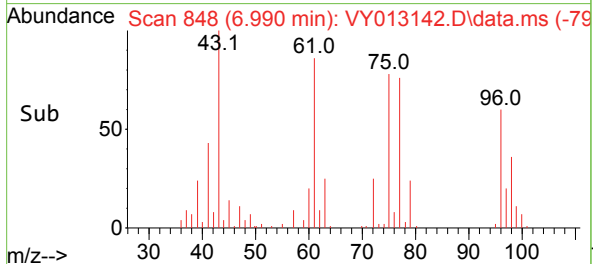
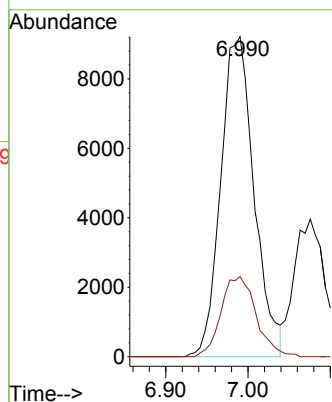
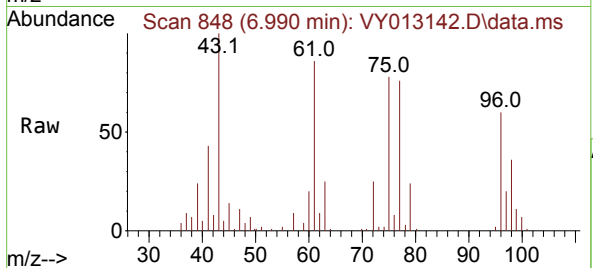
VSTDIC010

Tgt Ion: 43 Resp: 25974

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 10.401 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013142.D

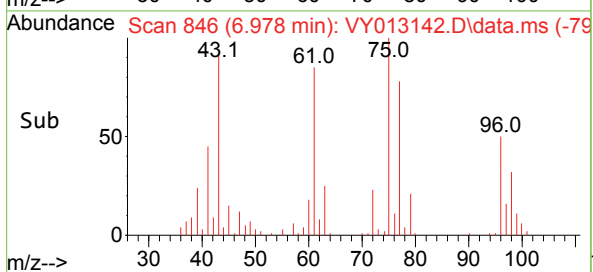
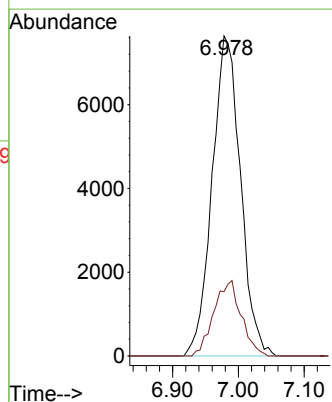
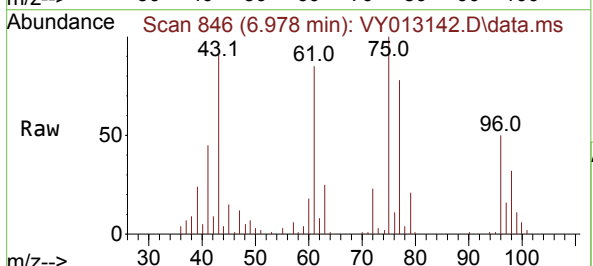
Acq: 30 Mar 2023 10:36

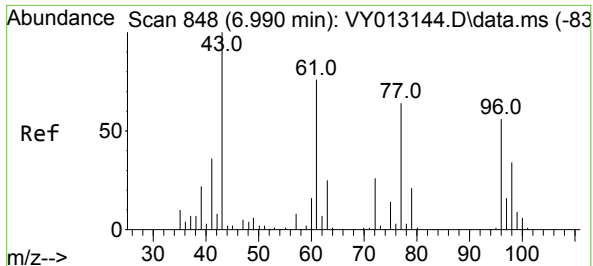
Tgt Ion: 77 Resp: 22916

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 10.067 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

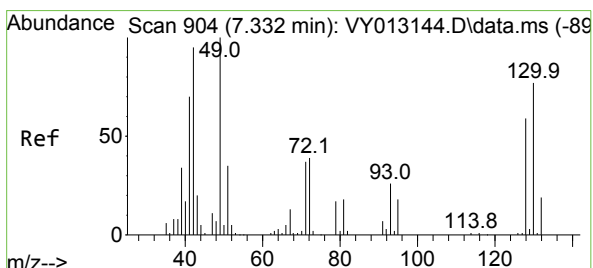
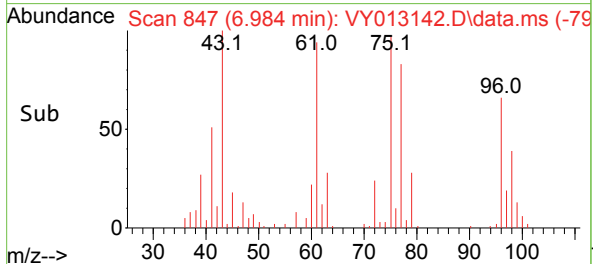
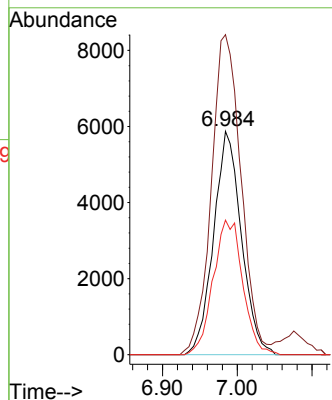
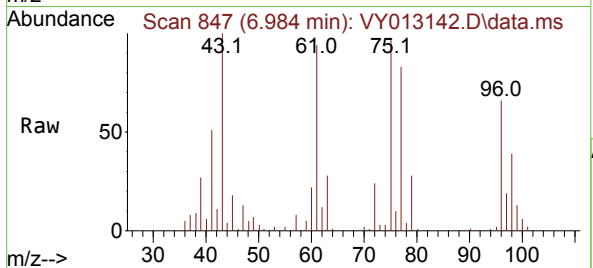
Tgt Ion: 96 Resp: 15183

Ion Ratio Lower Upper

96 100

61 153.2 0.0 295.8

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 10.398 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

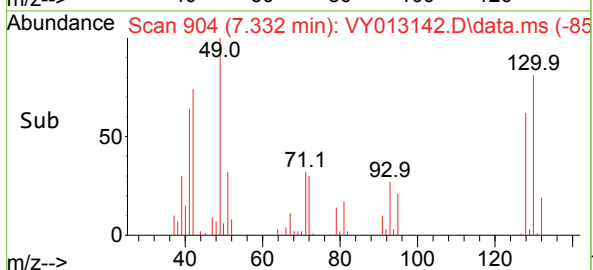
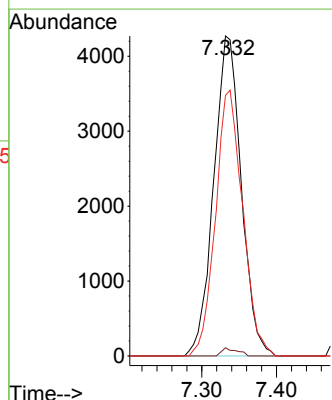
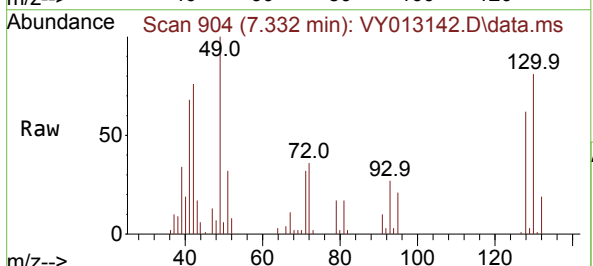
Tgt Ion: 49 Resp: 10930

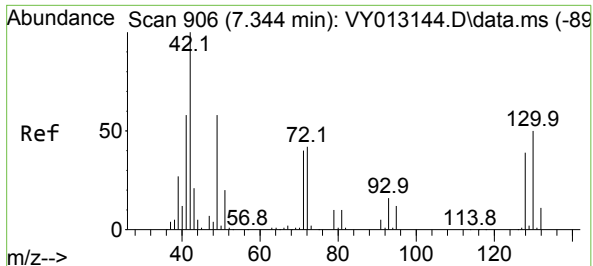
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

130 82.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 49.952 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

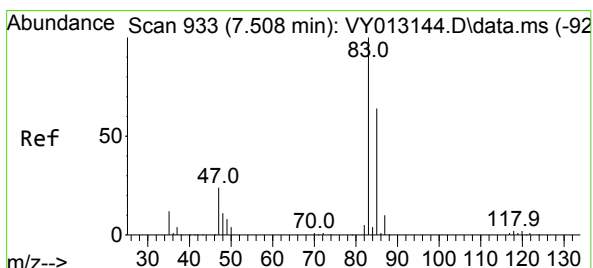
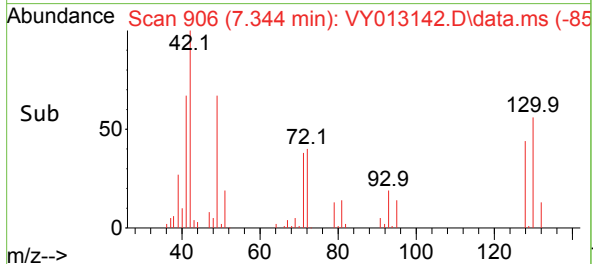
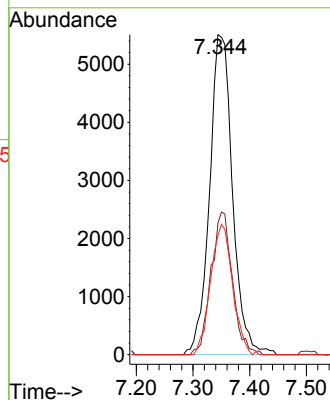
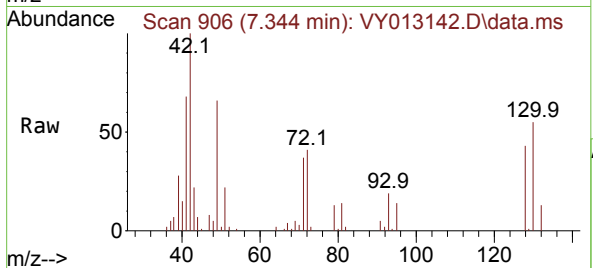
Tgt Ion: 42 Resp: 15529

Ion Ratio Lower Upper

42 100

72 41.5 32.3 48.5

71 38.8 30.3 45.5



#30

Chloroform

Concen: 10.419 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013142.D

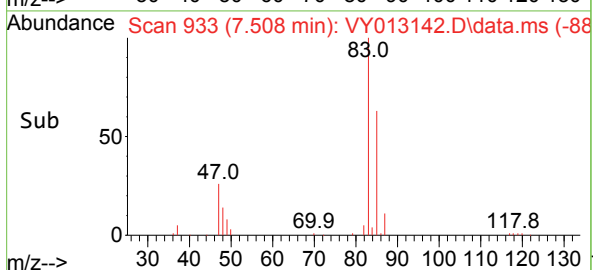
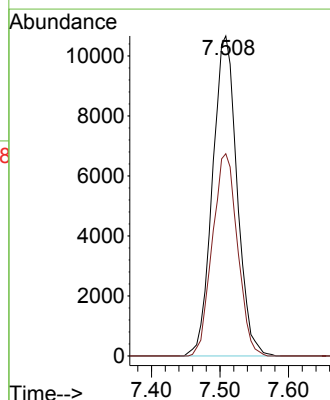
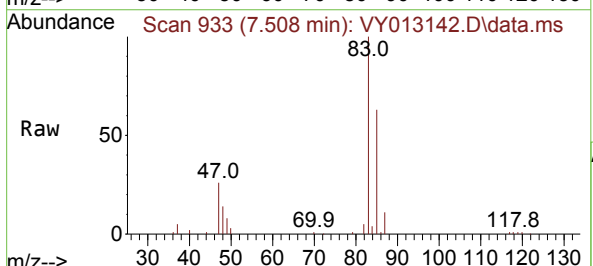
Acq: 30 Mar 2023 10:36

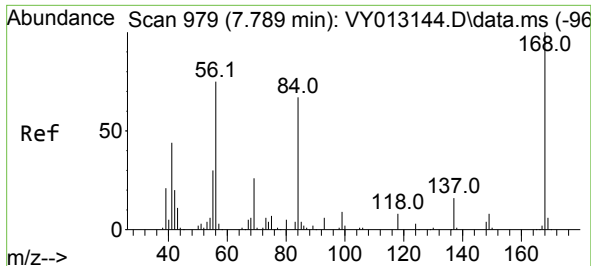
Tgt Ion: 83 Resp: 26431

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

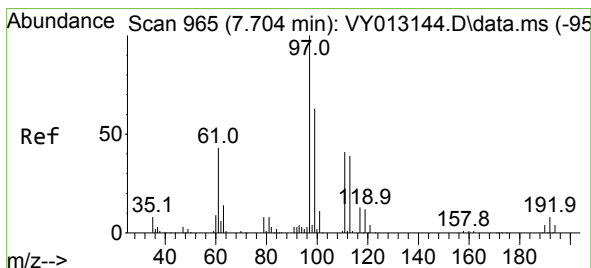
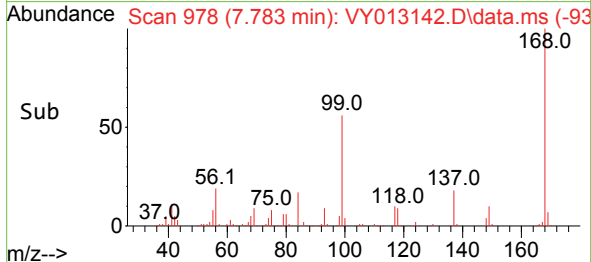
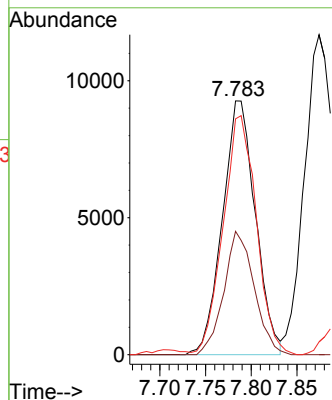
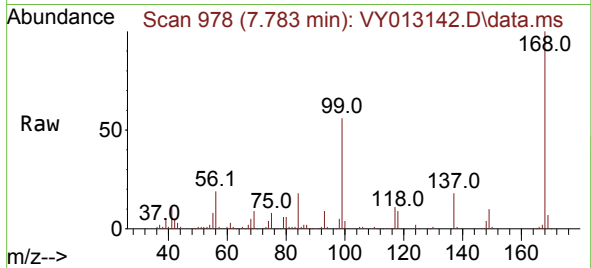




#31
Cyclohexane
Concen: 10.384 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

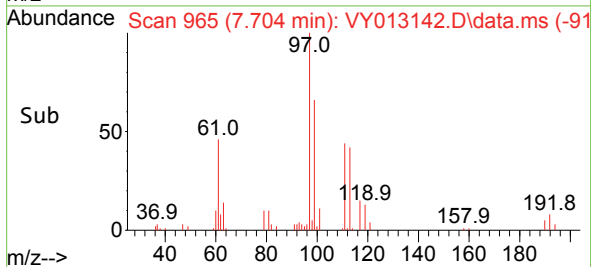
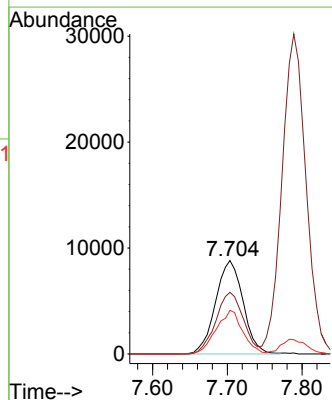
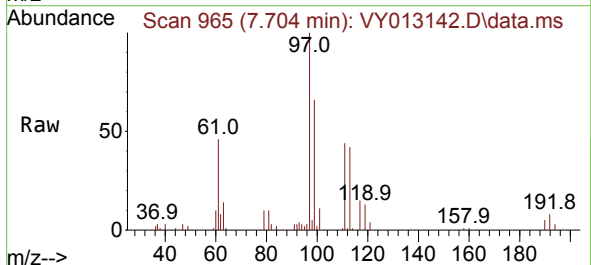
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

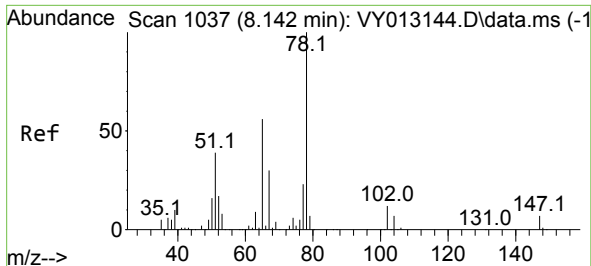
Tgt Ion: 56 Resp: 23284
Ion Ratio Lower Upper
56 100
69 48.6 25.7 38.5#
84 91.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 10.067 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 97 Resp: 22578
Ion Ratio Lower Upper
97 100
99 65.7 51.0 76.6
61 45.1 34.5 51.7

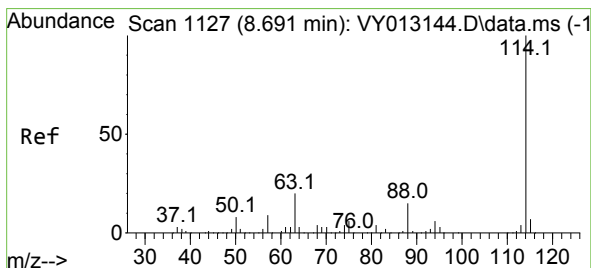
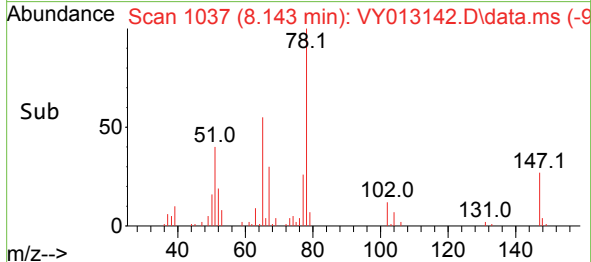
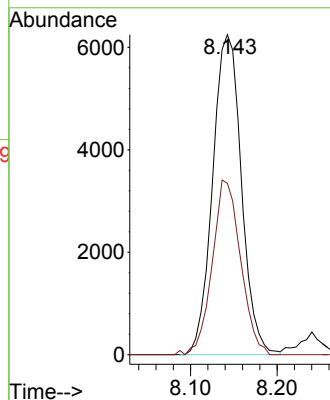
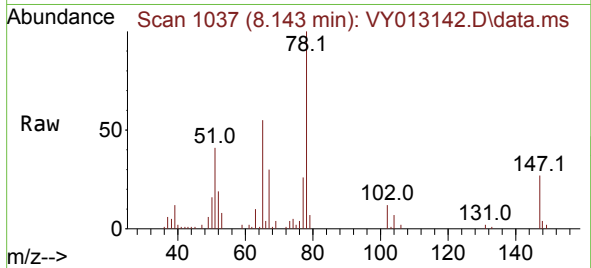




#33
 1,2-Dichloroethane-d4
 Concen: 10.494 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

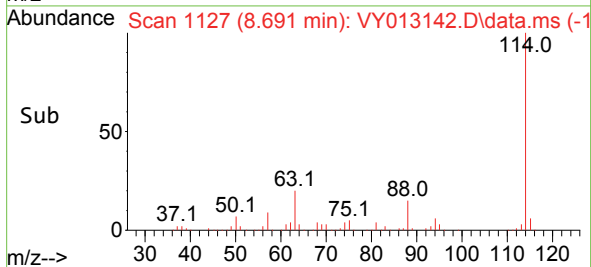
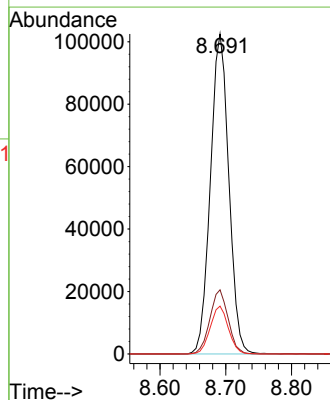
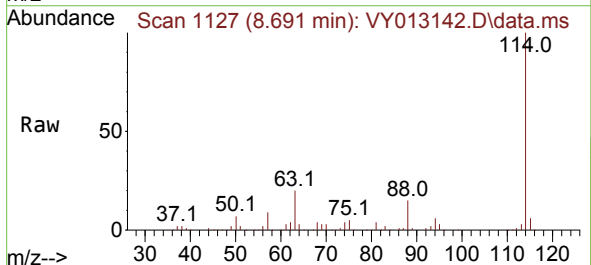
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

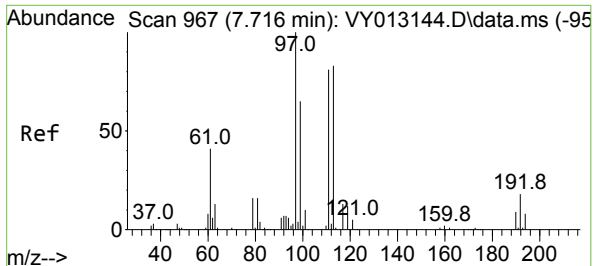
Tgt Ion: 65 Resp: 14413
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

Tgt Ion: 114 Resp: 199525
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.9 0.0 28.6

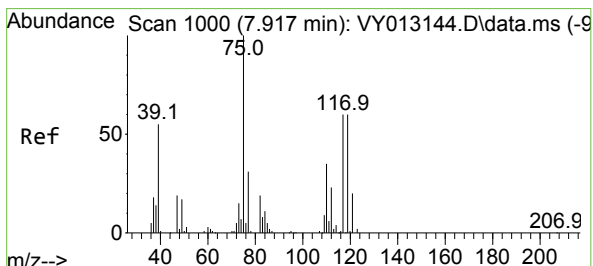
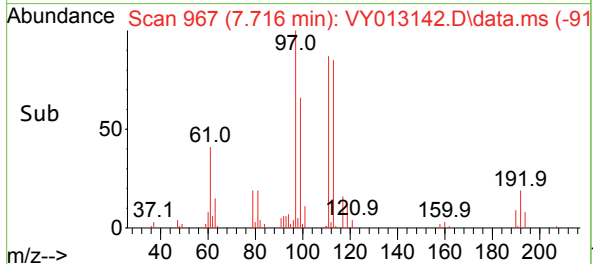
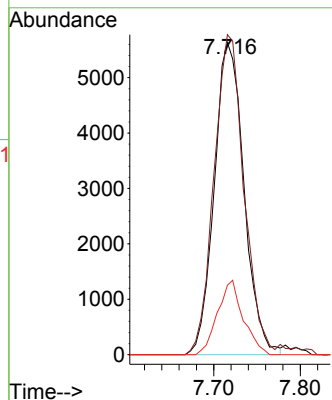
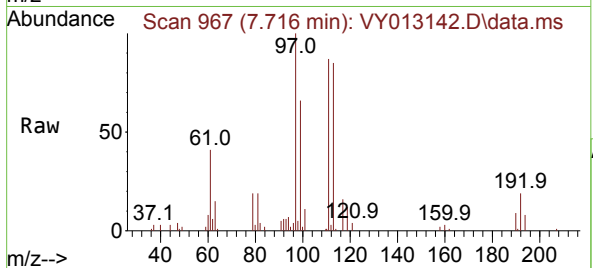




#35
Dibromofluoromethane
Concen: 10.306 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

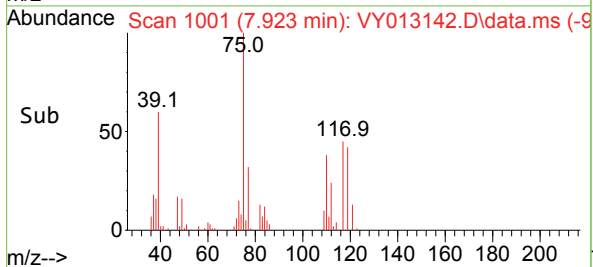
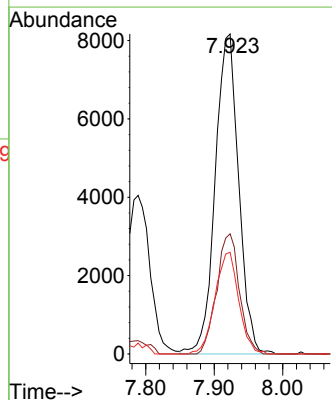
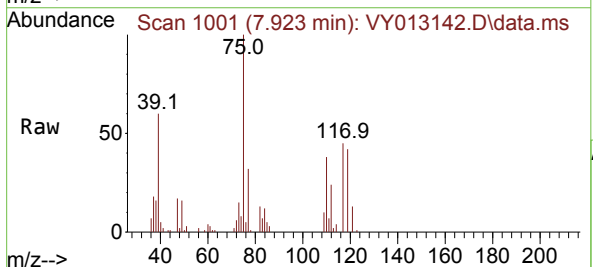
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

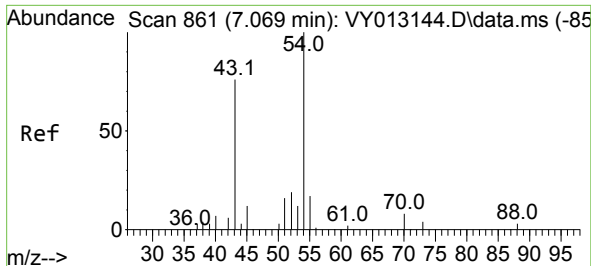
Tgt Ion:113 Resp: 13433
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 9.877 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 75 Resp: 19381
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 32.1 25.0 37.4





#37

Ethyl Acetate

Concen: 9.597 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

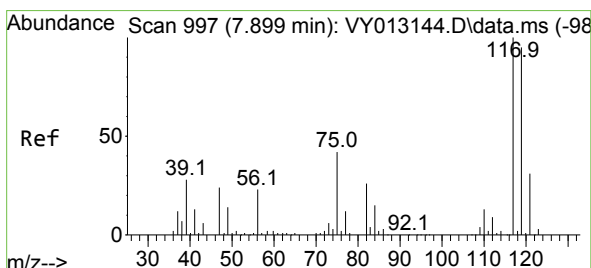
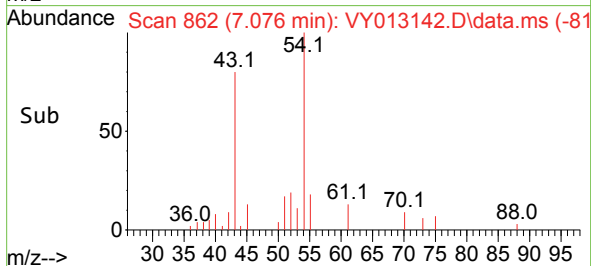
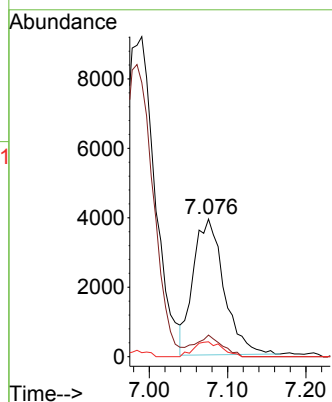
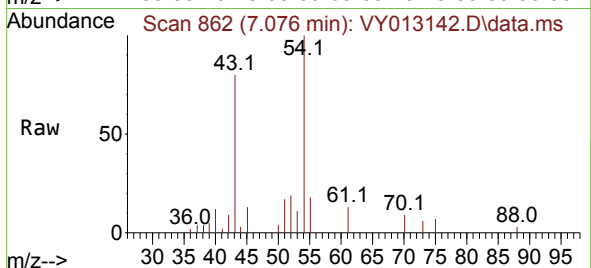
Tgt Ion: 43 Resp: 10697

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 10.032 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

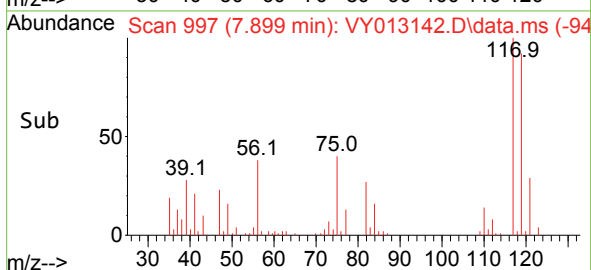
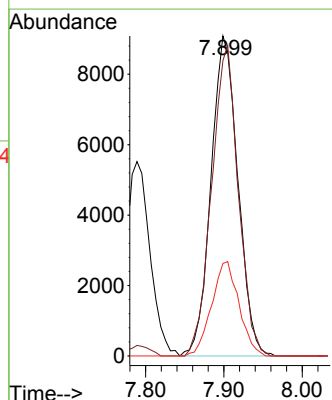
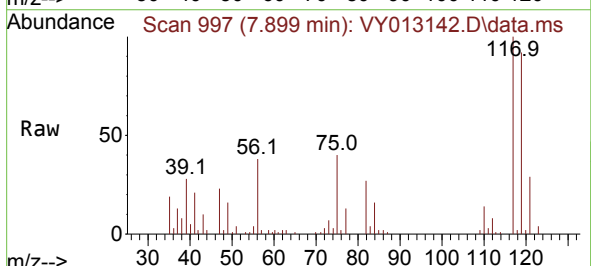
Tgt Ion: 117 Resp: 21719

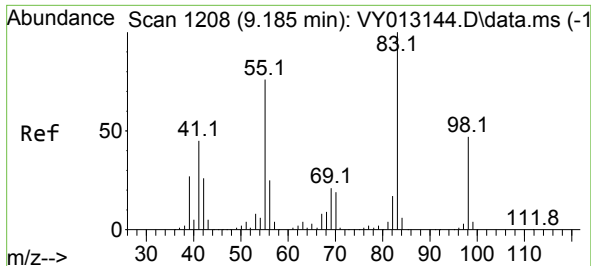
Ion Ratio Lower Upper

117 100

119 92.3 77.2 115.8

121 28.9 24.7 37.1





#39

Methylcyclohexane

Concen: 9.256 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

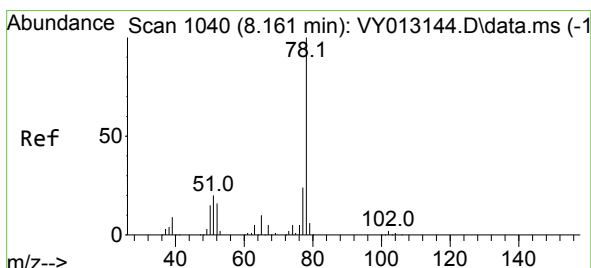
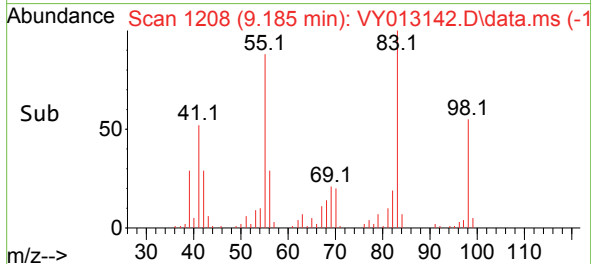
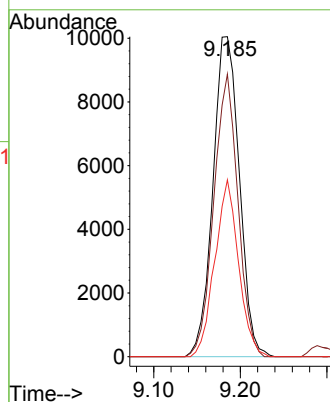
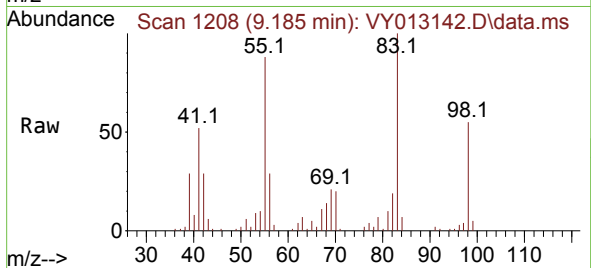
Tgt Ion: 83 Resp: 21307

Ion Ratio Lower Upper

83 100

55 88.3 60.0 90.0

98 55.3 38.3 57.5



#40

Benzene

Concen: 10.019 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013142.D

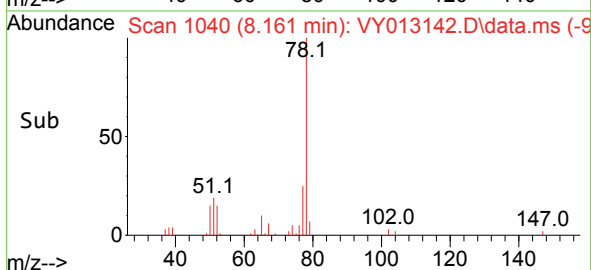
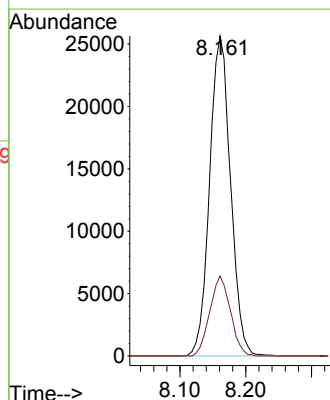
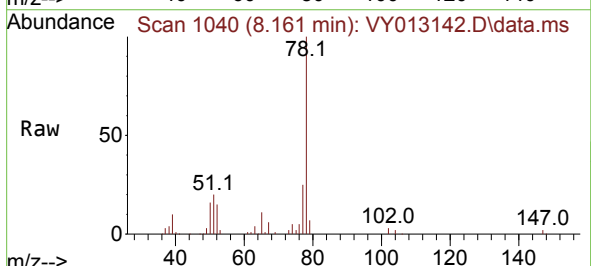
Acq: 30 Mar 2023 10:36

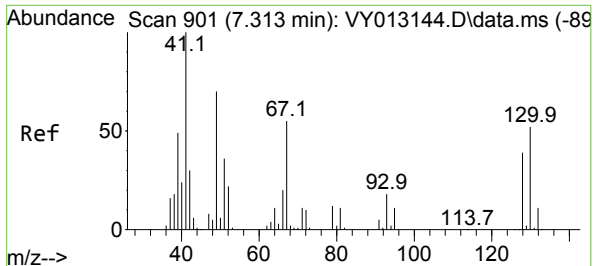
Tgt Ion: 78 Resp: 56783

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0

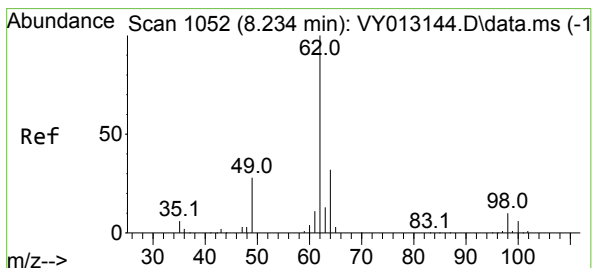
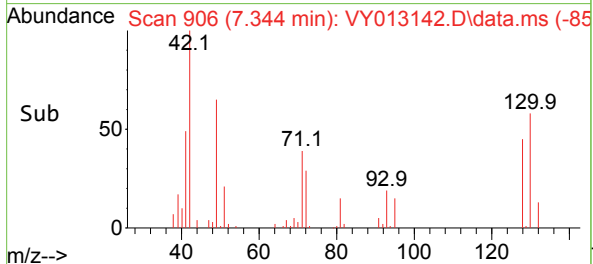
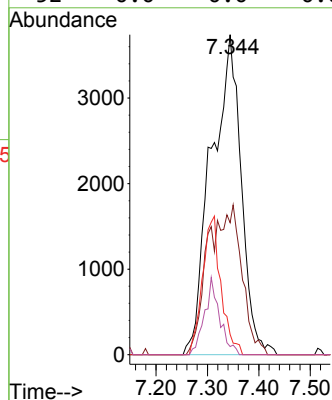
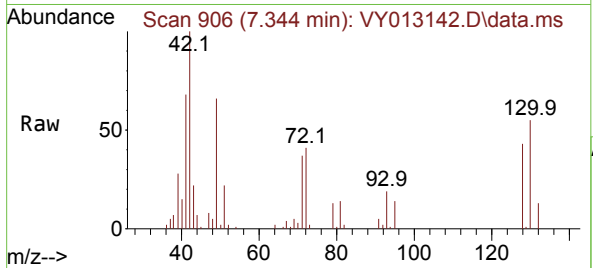




#41
Methacrylonitrile
Concen: 27.933 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

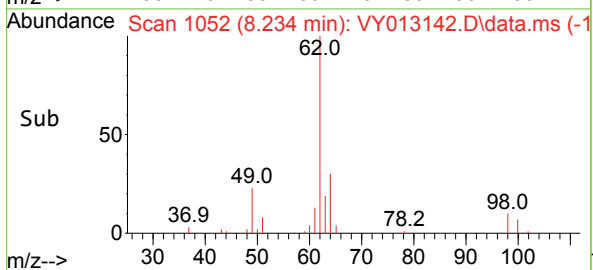
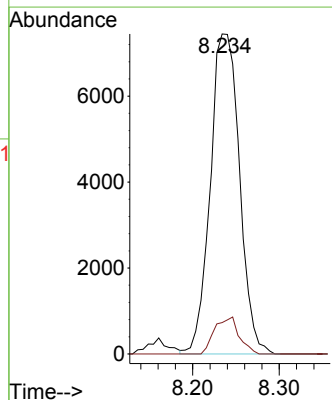
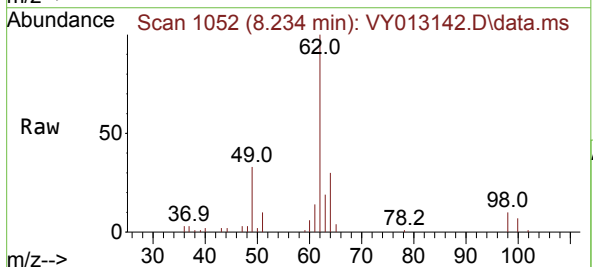
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

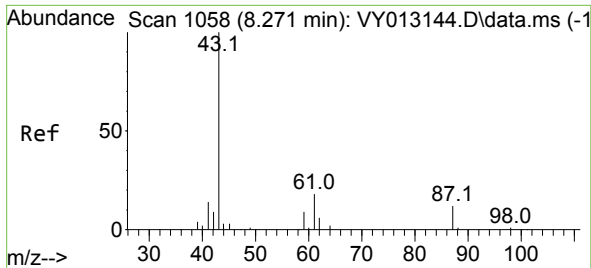
Tgt Ion:	41	Resp:	15125
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 10.058 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion:	62	Resp:	17464
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

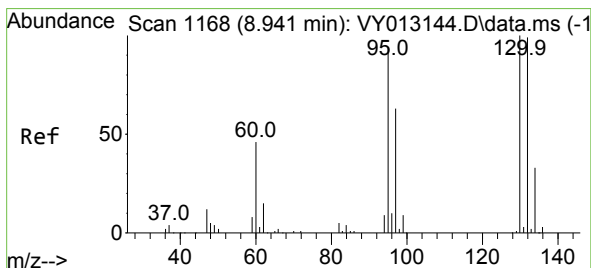
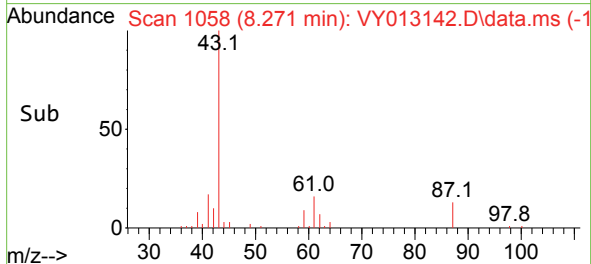
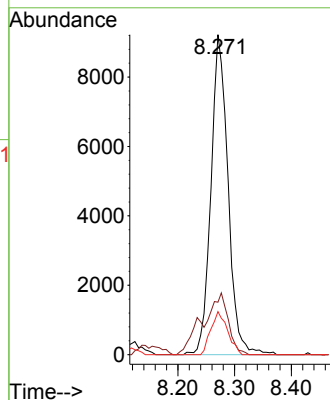
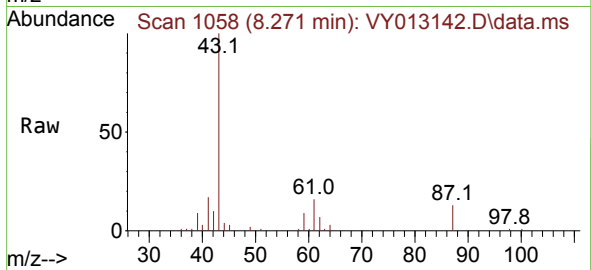




#43
Isopropyl Acetate
Concen: 9.672 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

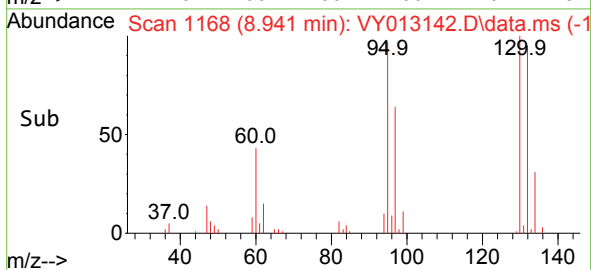
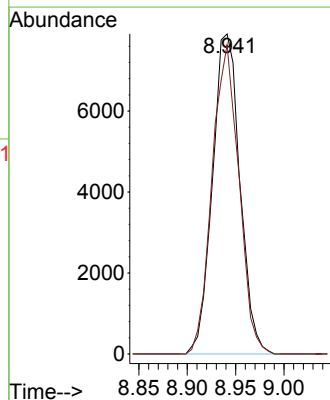
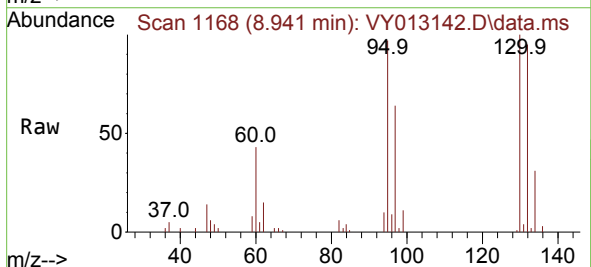
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

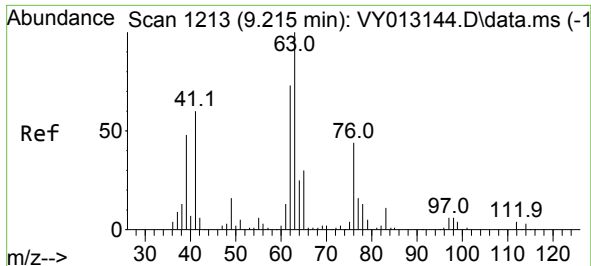
Tgt Ion: 43 Resp: 19297
Ion Ratio Lower Upper
43 100
61 20.0 21.6 32.4#
87 13.2 9.9 14.9



#44
Trichloroethene
Concen: 9.978 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 130 Resp: 15567
Ion Ratio Lower Upper
130 100
95 96.6 0.0 185.0





#45

1,2-Dichloropropane

Concen: 10.233 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

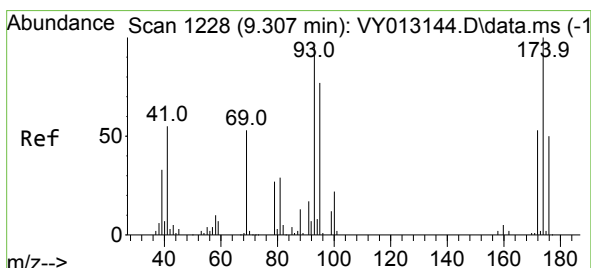
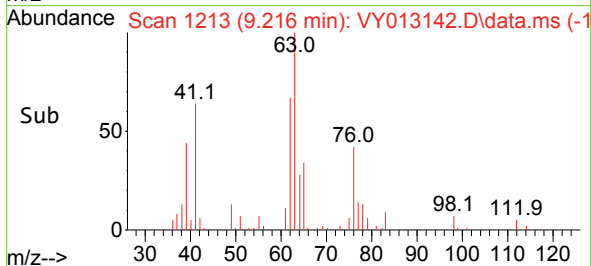
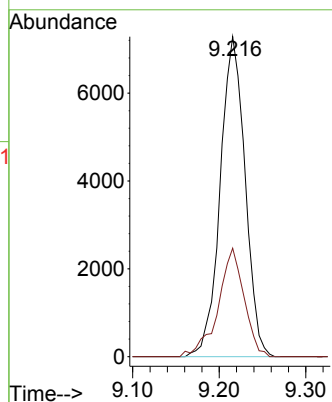
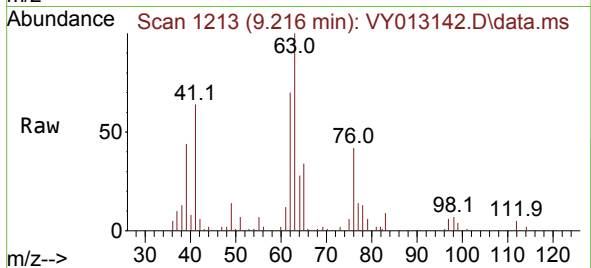
VSTDIC010

Tgt Ion: 63 Resp: 14523

Ion Ratio Lower Upper

63 100

65 33.9 25.7 38.5



#46

Dibromomethane

Concen: 10.121 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

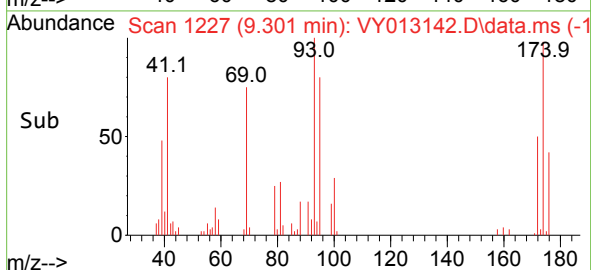
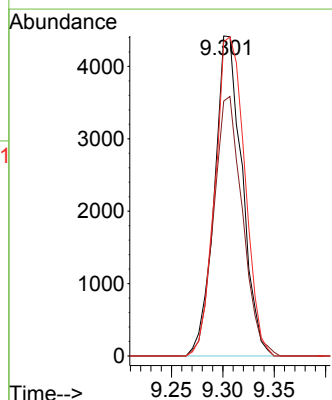
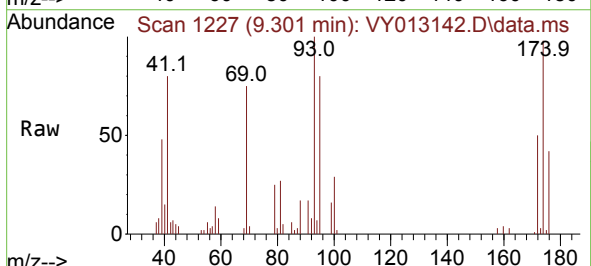
Tgt Ion: 93 Resp: 8251

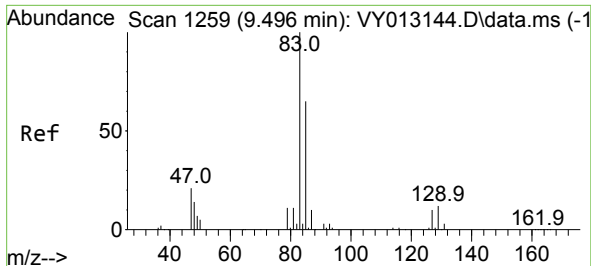
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

174 107.1 81.3 121.9

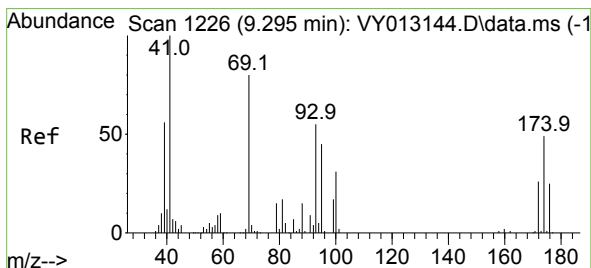
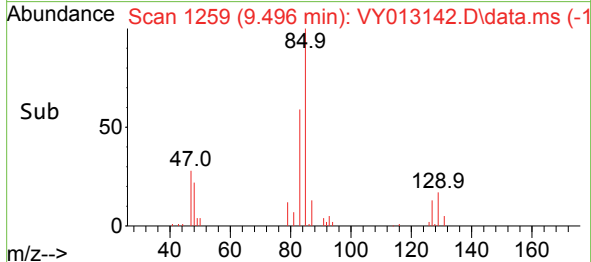
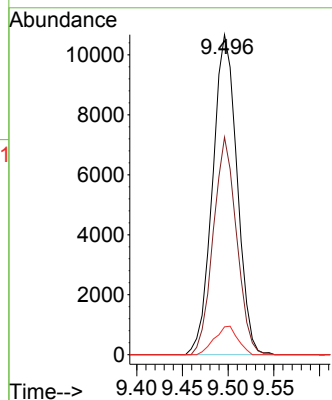
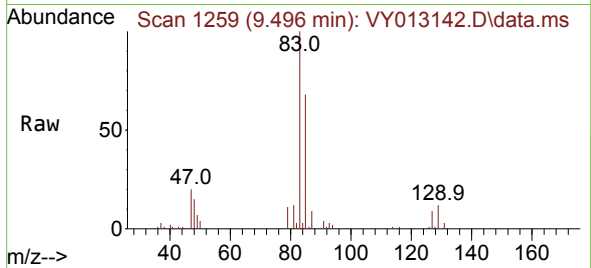




#47
Bromodichloromethane
Concen: 10.090 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

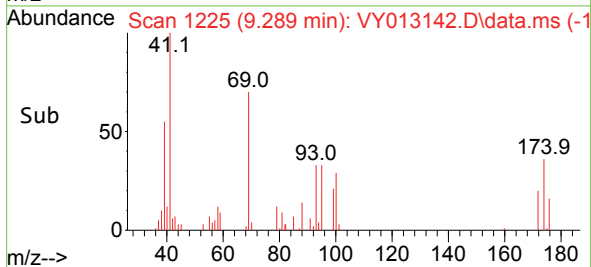
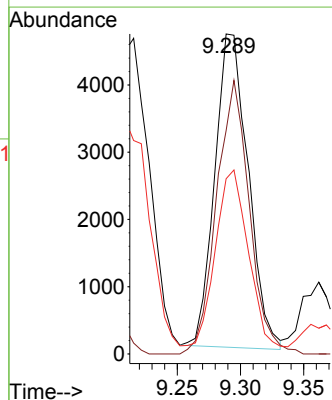
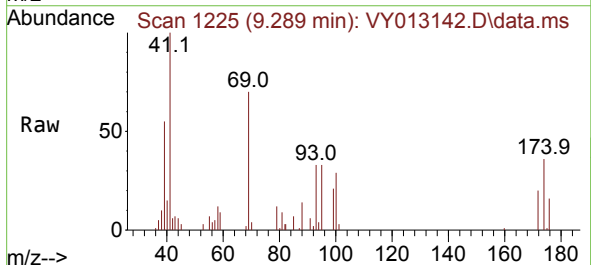
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

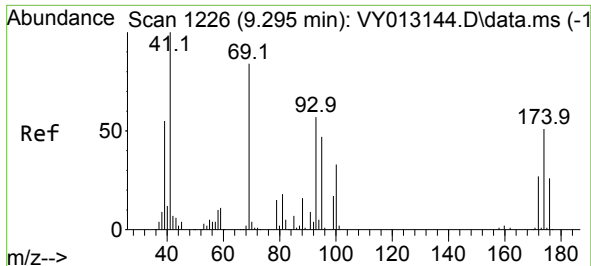
Tgt Ion: 83	Resp: 19849
Ion Ratio	Lower Upper
83 100	
85 68.0	50.2 75.4
127 8.7	6.3 9.5



#48
Methyl methacrylate
Concen: 9.223 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 41	Resp: 8570
Ion Ratio	Lower Upper
41 100	
69 85.7	64.1 96.1
39 55.9	44.0 66.0





#49

1,4-Dioxane

Concen: 201.779 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

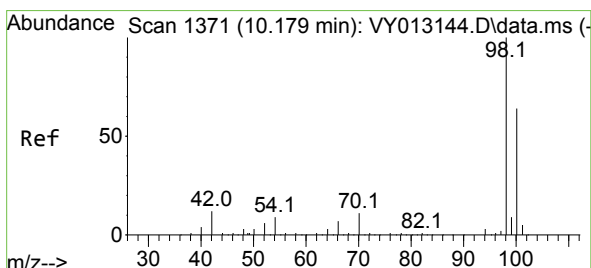
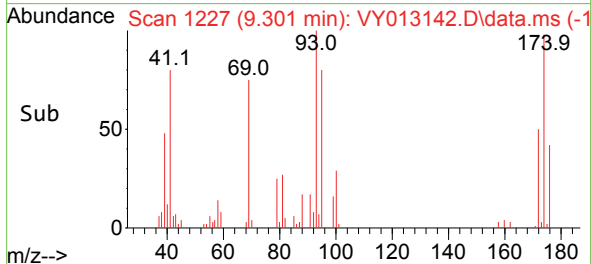
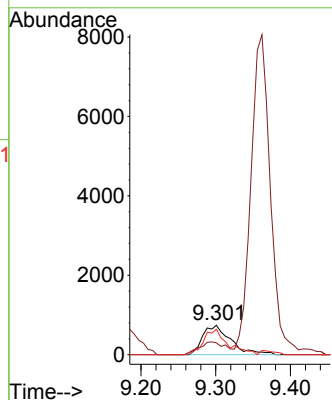
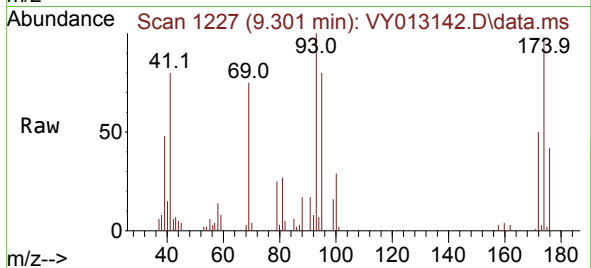
Tgt Ion: 88 Resp: 1957

Ion Ratio Lower Upper

88 100

43 40.0 28.6 42.8

58 73.7 55.2 82.8



#50

Toluene-d8

Concen: 10.262 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013142.D

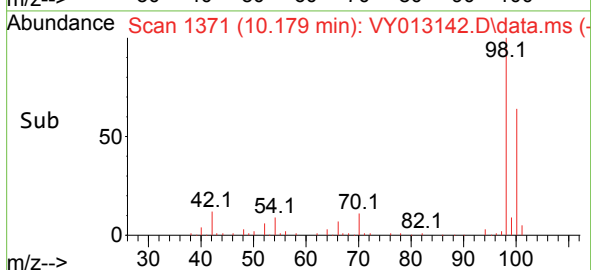
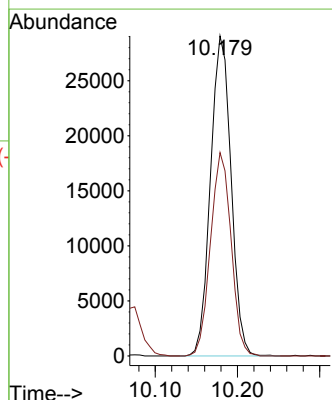
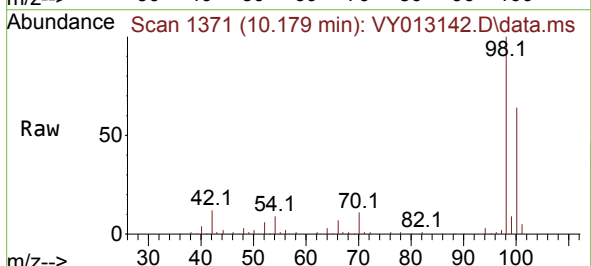
Acq: 30 Mar 2023 10:36

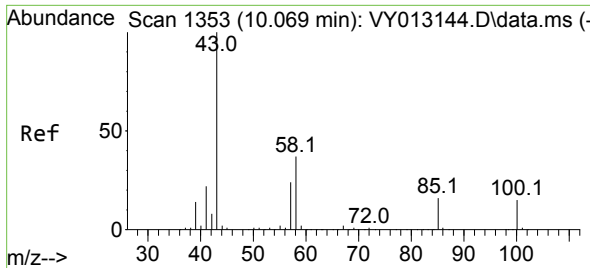
Tgt Ion: 98 Resp: 50497

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

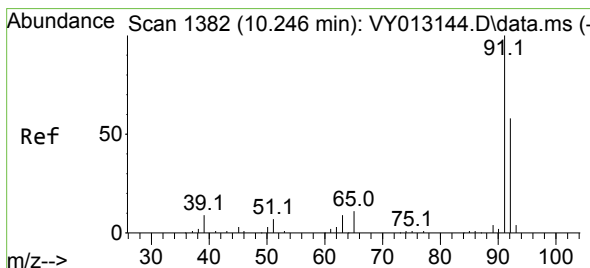
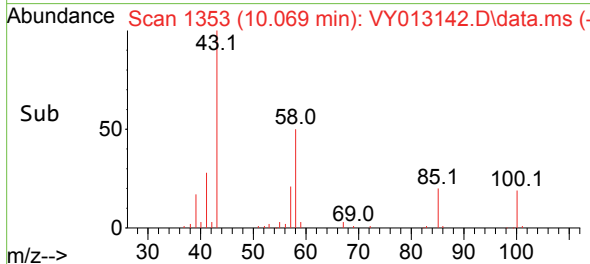
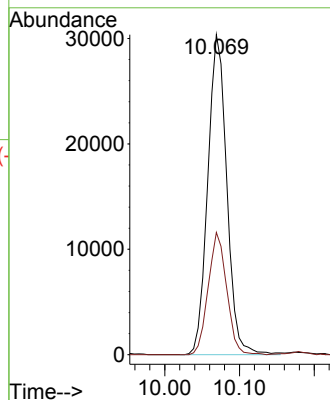
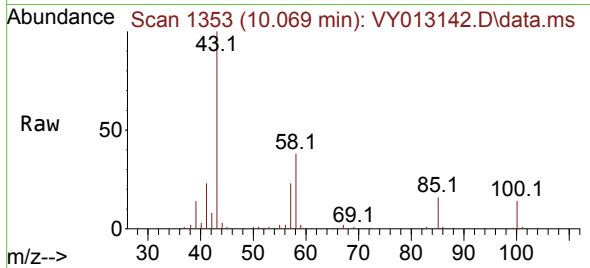




#51
4-Methyl-2-Pentanone
Concen: 49.937 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

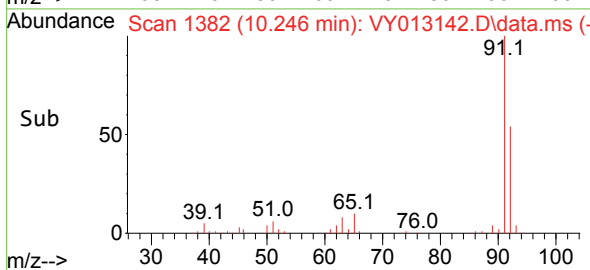
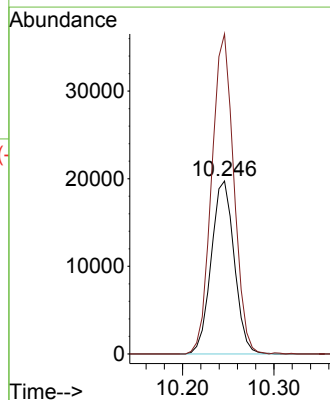
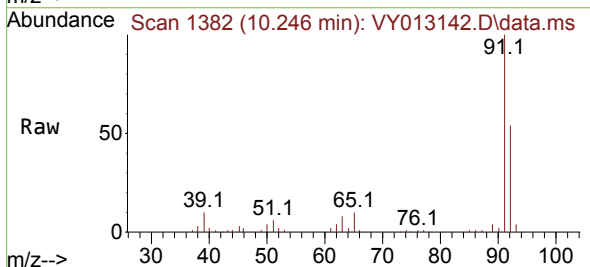
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

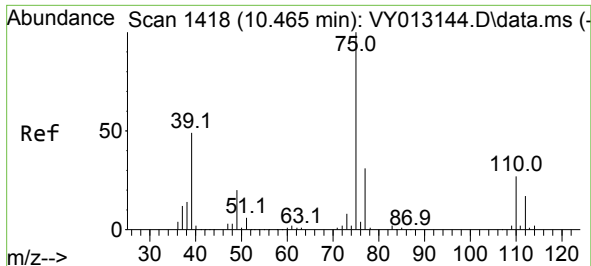
Tgt Ion: 43 Resp: 53773
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.6



#52
Toluene
Concen: 9.808 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 92 Resp: 34481
Ion Ratio Lower Upper
92 100
91 178.2 141.3 211.9

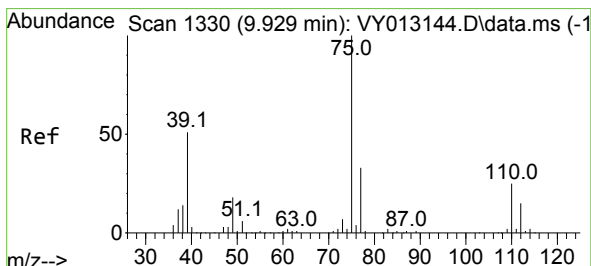
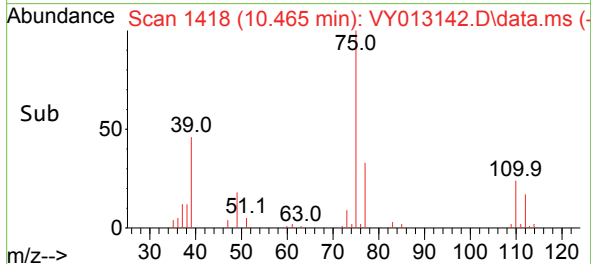
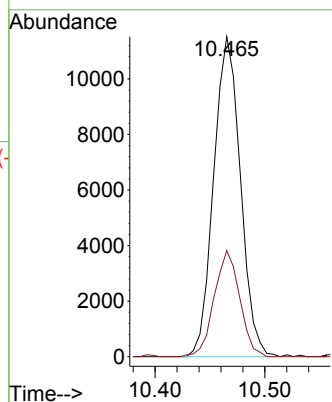
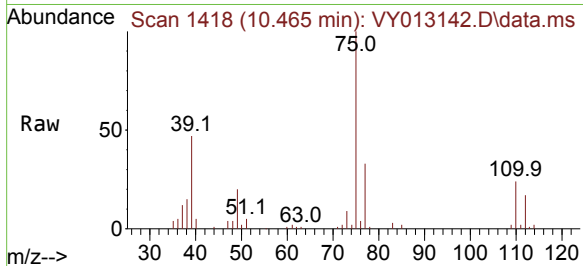




#53
 t-1,3-Dichloropropene
 Concen: 9.697 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

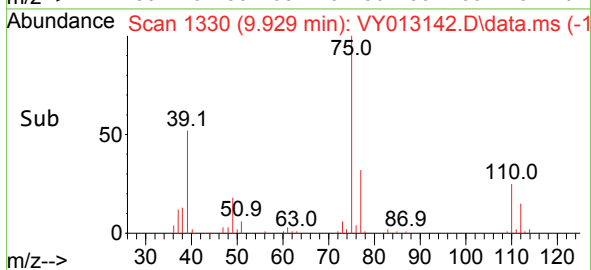
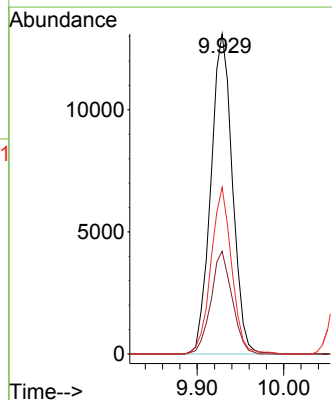
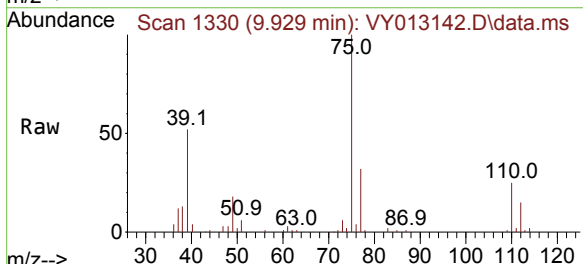
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

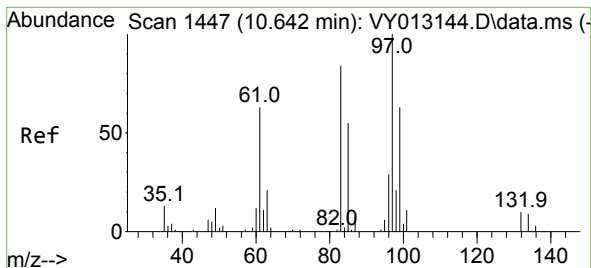
Tgt Ion: 75 Resp: 19497
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 9.850 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

Tgt Ion: 75 Resp: 22620
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 52.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 10.302 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 11610

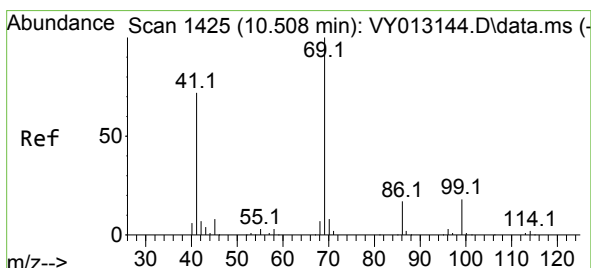
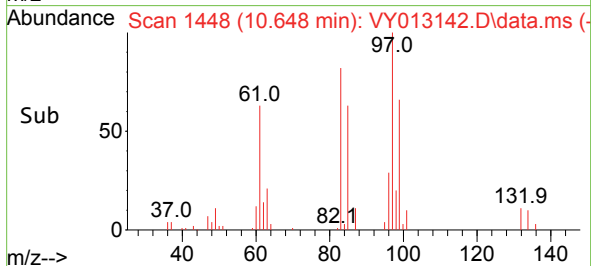
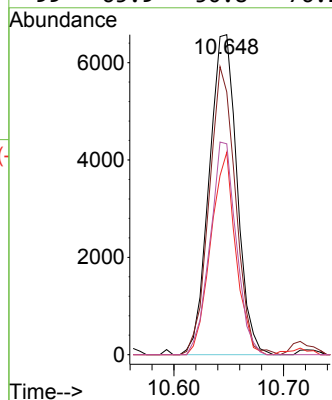
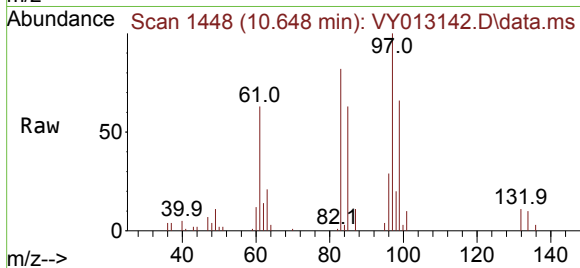
Ion Ratio Lower Upper

97 100

83 82.1 69.0 103.6

85 63.2 44.9 67.3

99 65.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 9.093 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

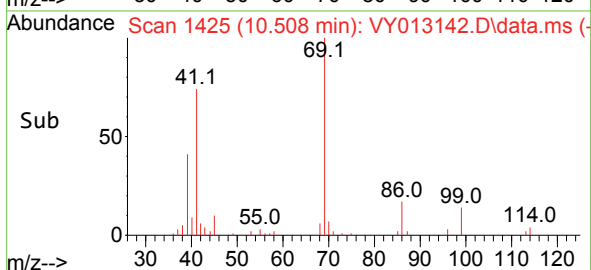
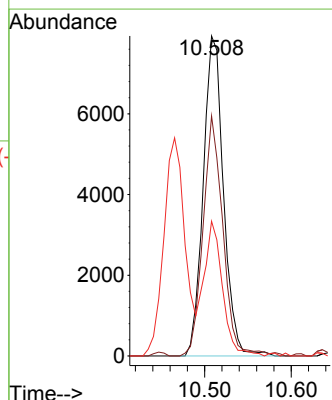
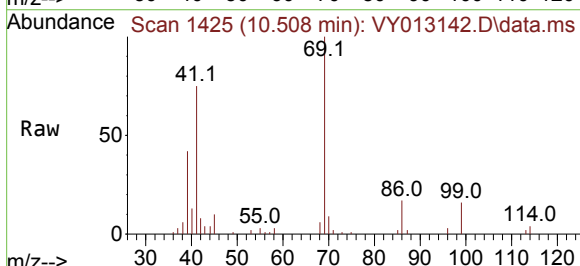
Tgt Ion: 69 Resp: 12884

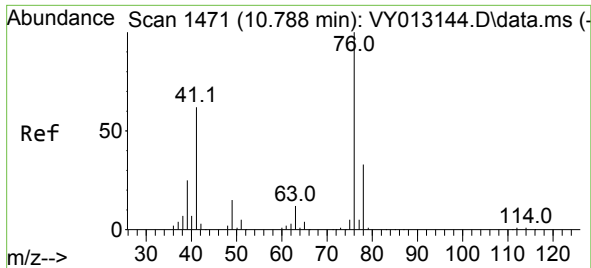
Ion Ratio Lower Upper

69 100

41 73.7 56.4 84.6

39 38.5 30.8 46.2

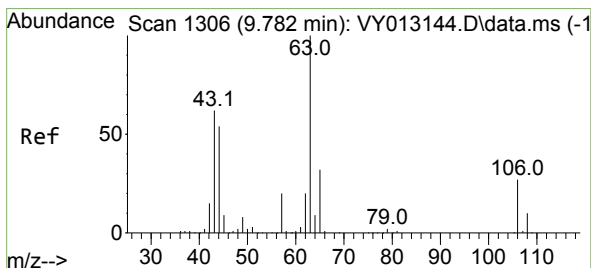
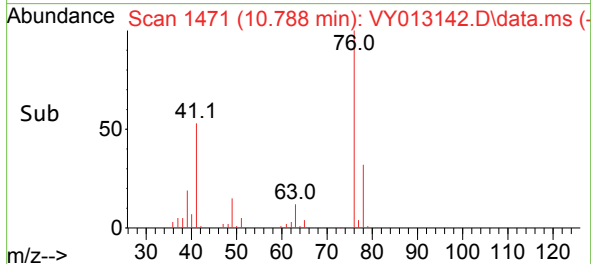
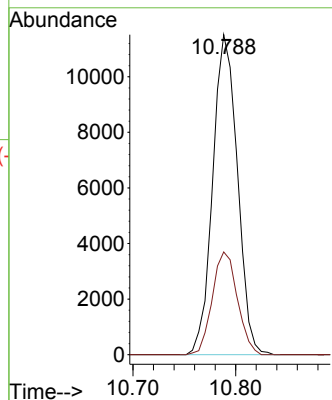
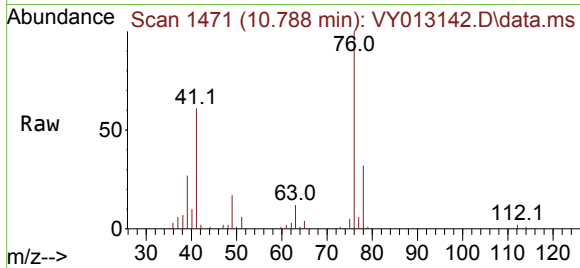




#57
1,3-Dichloropropane
Concen: 10.078 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

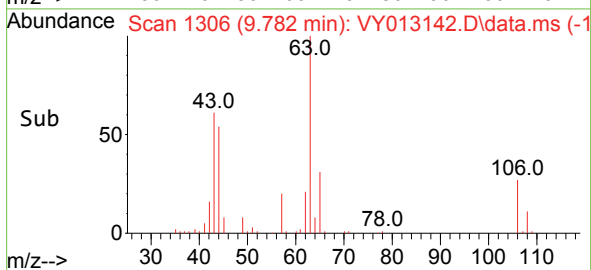
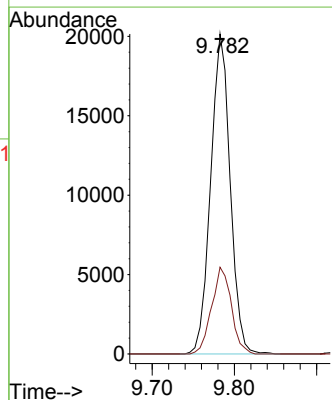
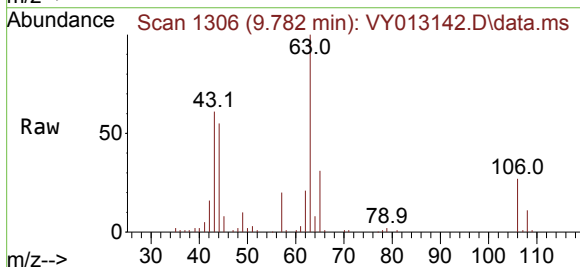
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

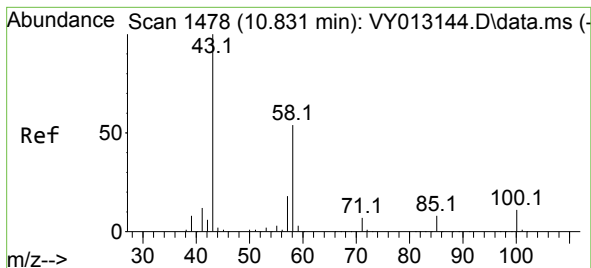
Tgt Ion: 76 Resp: 19172
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 50.102 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 63 Resp: 33193
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1

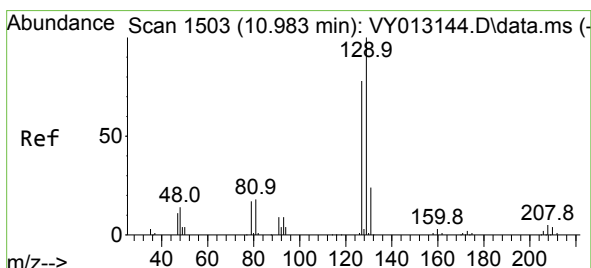
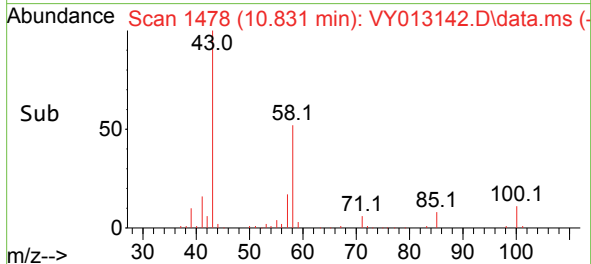
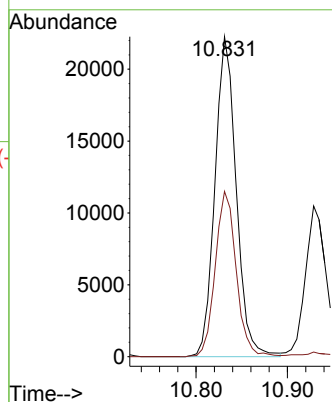
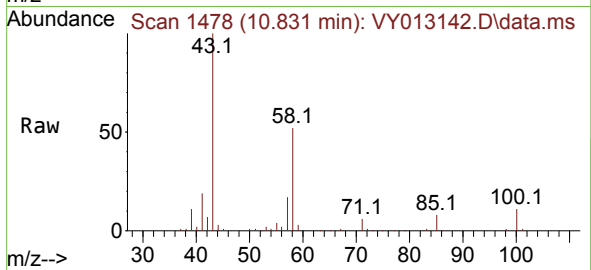




#59
2-Hexanone
Concen: 46.217 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

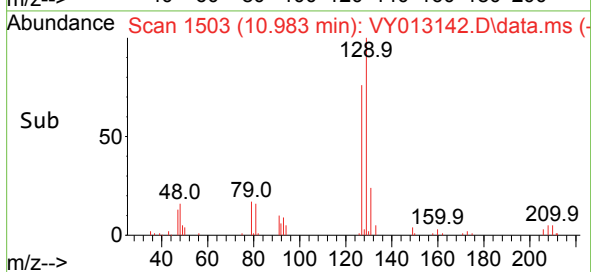
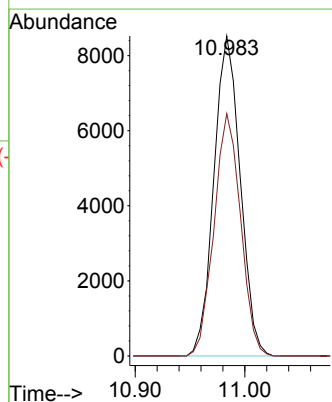
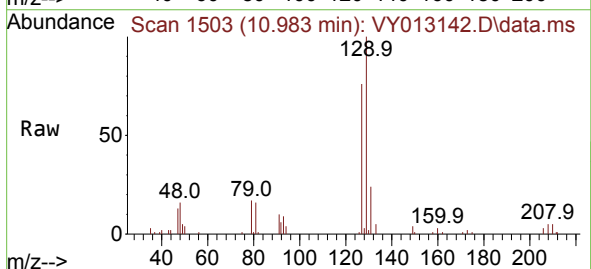
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

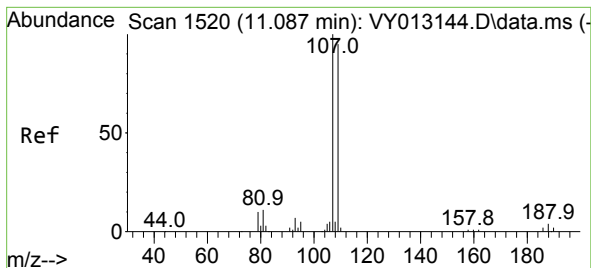
Tgt Ion: 43 Resp: 35993
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 10.052 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 129 Resp: 14228
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 10.024 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

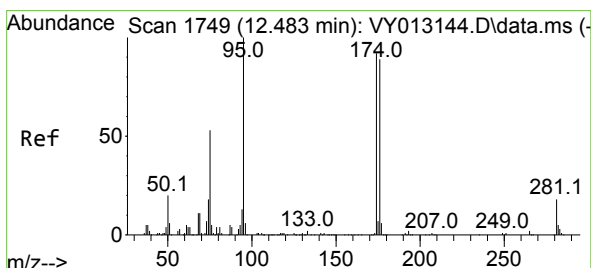
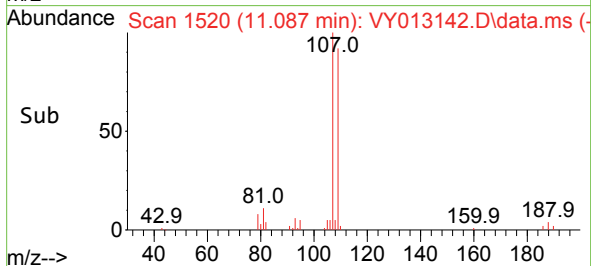
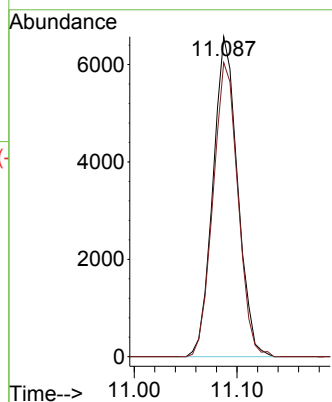
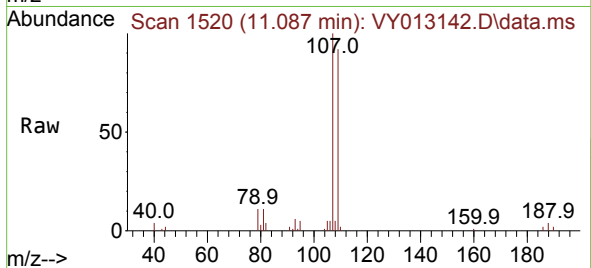
VSTDIC010

Tgt Ion:107 Resp: 10945

Ion Ratio Lower Upper

107 100

109 92.8 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 9.953 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

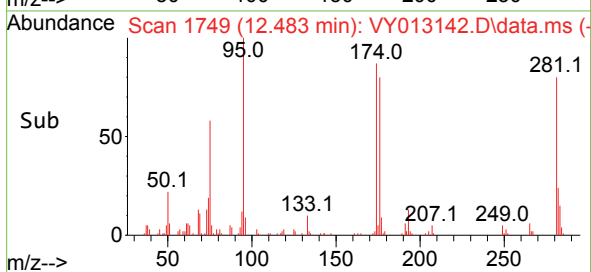
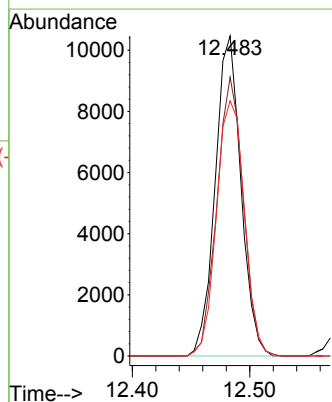
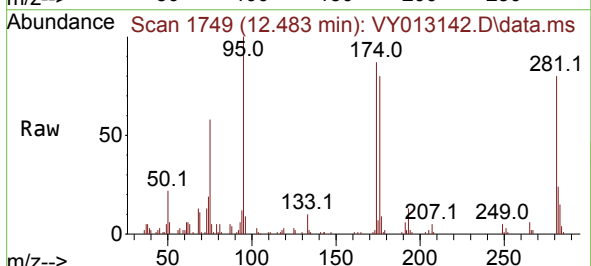
Tgt Ion: 95 Resp: 15941

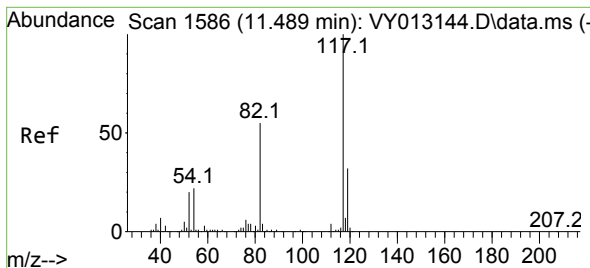
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.6

176 86.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

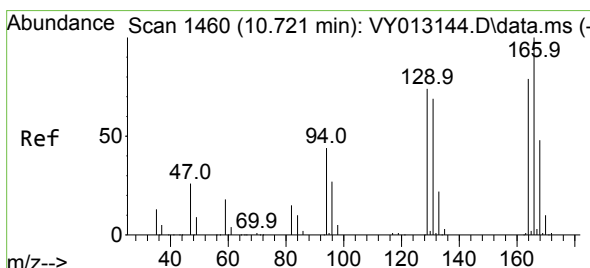
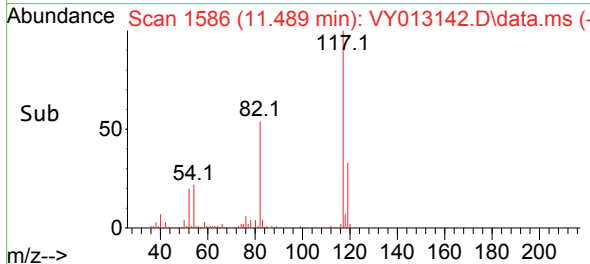
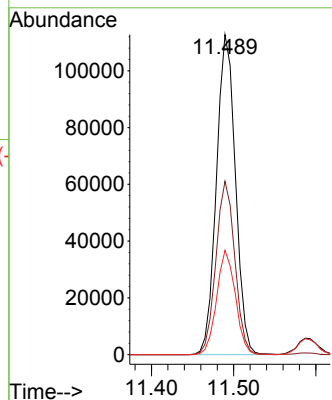
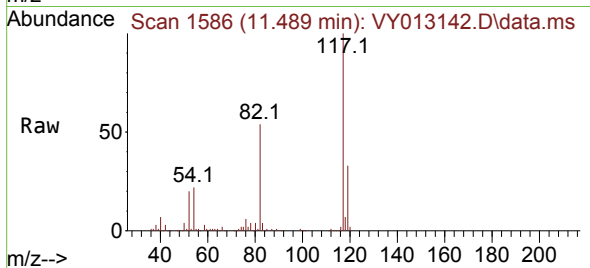
Tgt Ion:117 Resp: 181239

Ion Ratio Lower Upper

117 100

82 54.2 45.4 68.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 9.827 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Tgt Ion:164 Resp: 13692

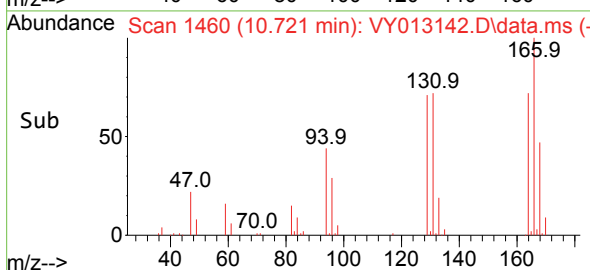
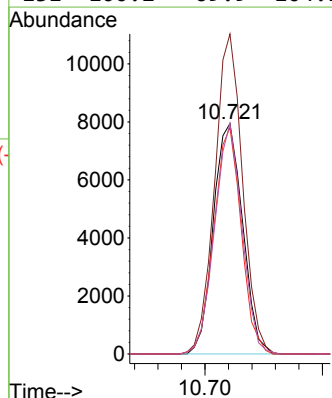
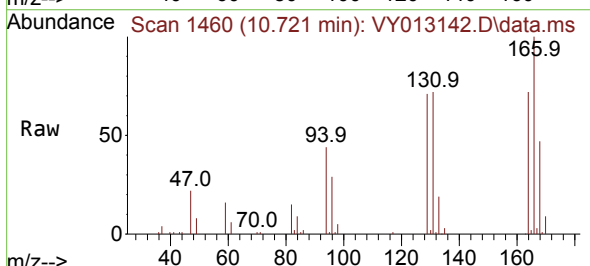
Ion Ratio Lower Upper

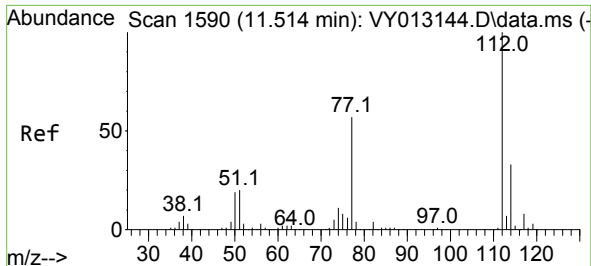
164 100

166 138.9 103.4 155.2

129 98.2 71.4 107.2

131 100.2 69.9 104.9

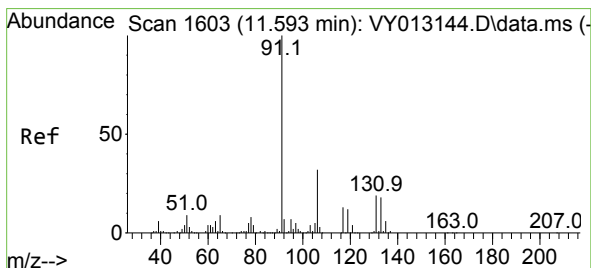
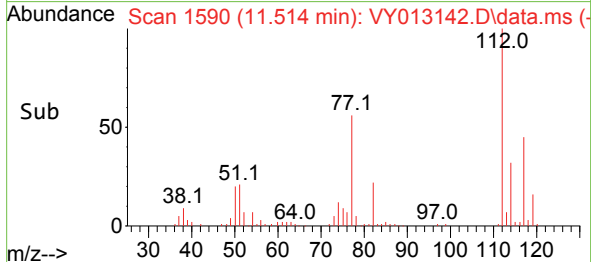
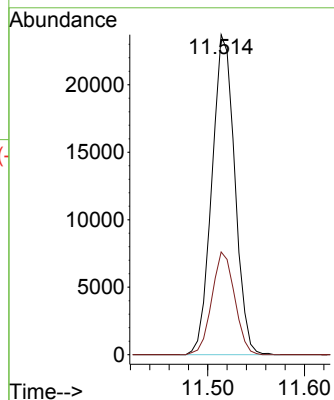
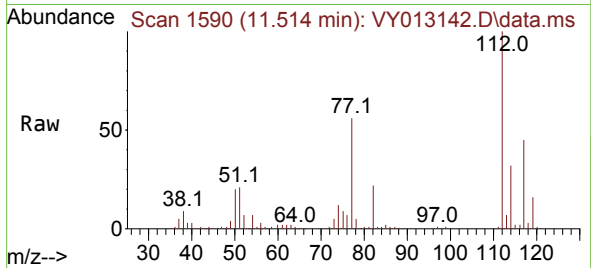




#65
Chlorobenzene
Concen: 10.099 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

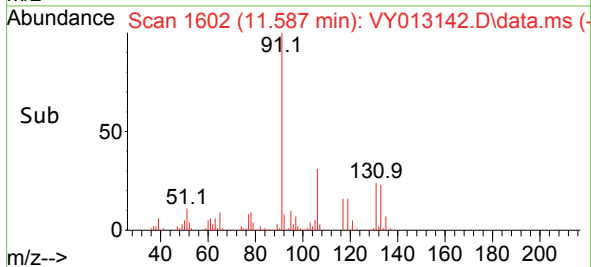
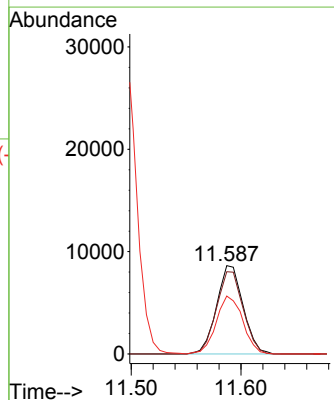
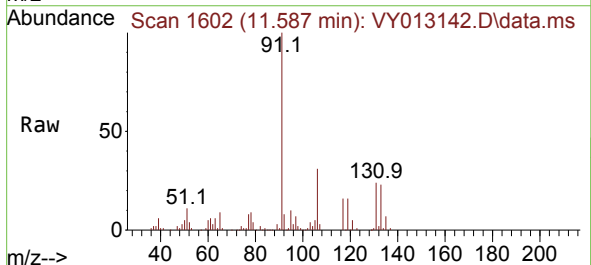
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

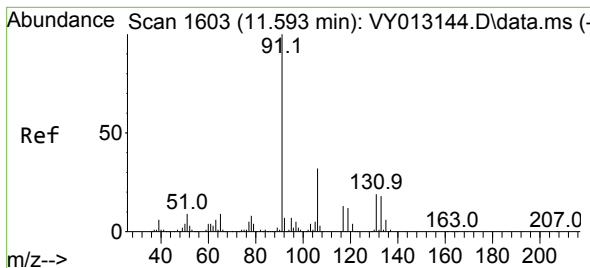
Tgt Ion:112 Resp: 38858
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.052 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion:131 Resp: 14500
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 9.630 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

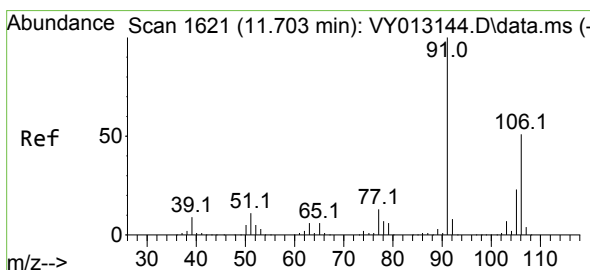
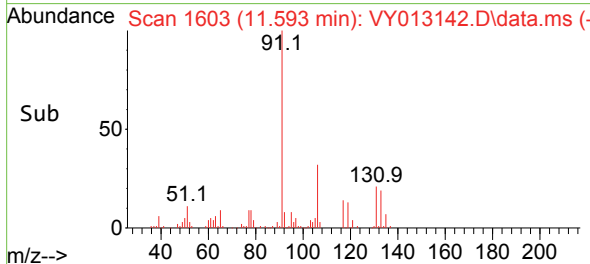
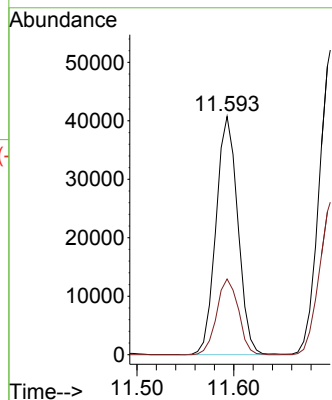
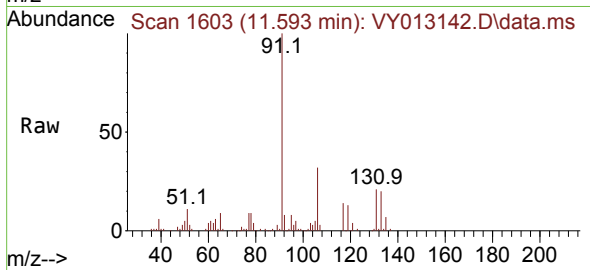
VSTDICC010

Tgt Ion: 91 Resp: 63992

Ion Ratio Lower Upper

91 100

106 31.8 25.1 37.7



#68

m/p-Xylenes

Concen: 19.519 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013142.D

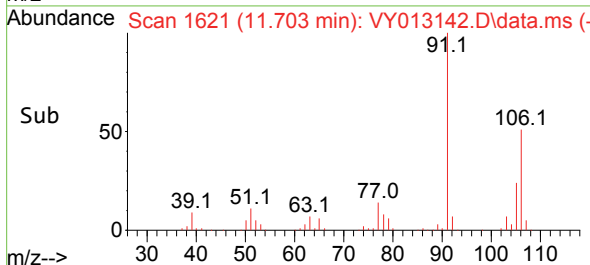
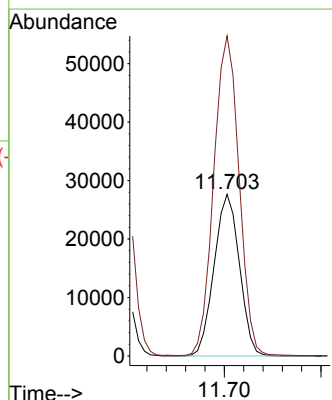
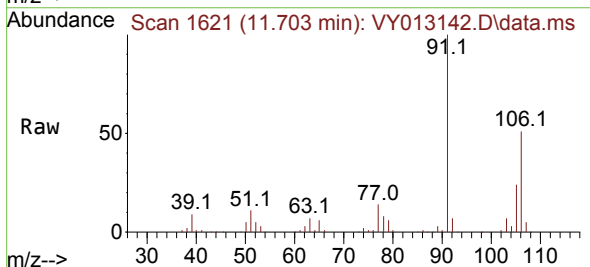
Acq: 30 Mar 2023 10:36

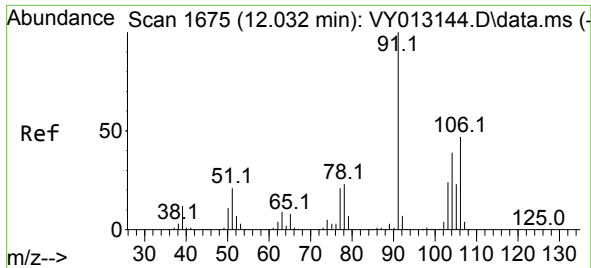
Tgt Ion:106 Resp: 50176

Ion Ratio Lower Upper

106 100

91 198.9 159.8 239.8

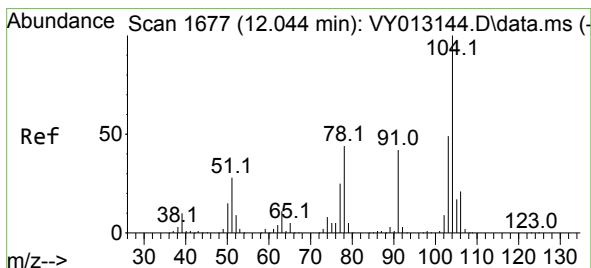
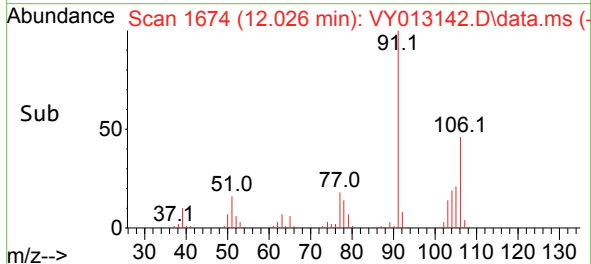
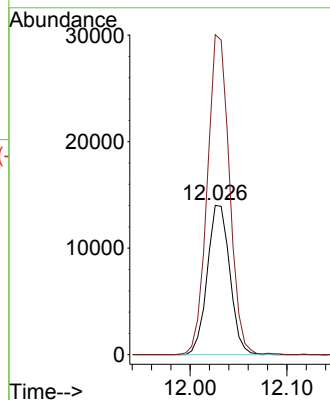
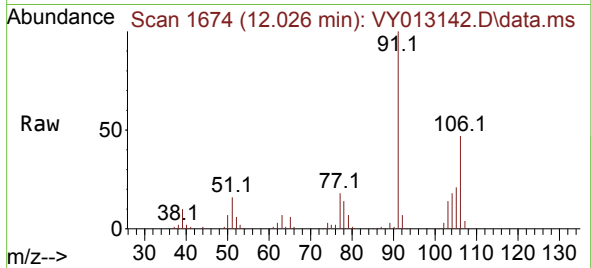




#69
o-Xylene
Concen: 9.539 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

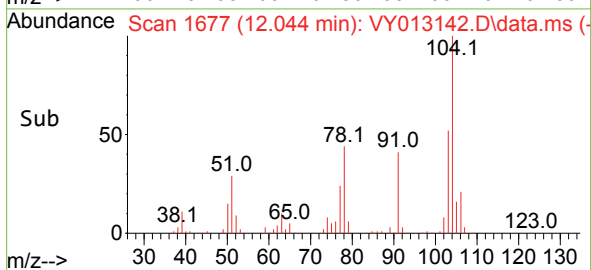
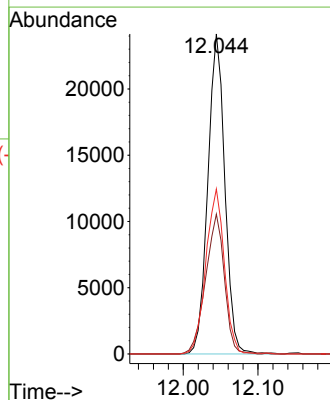
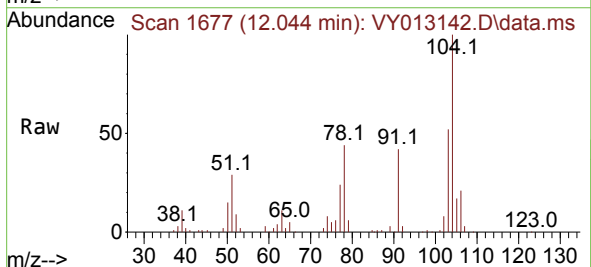
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

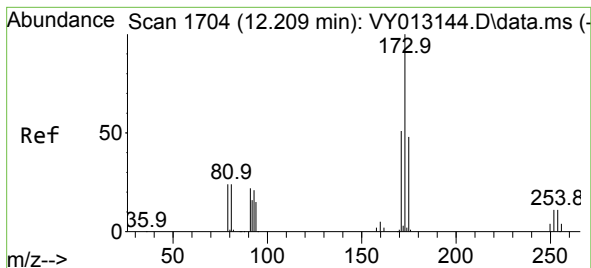
Tgt Ion:106 Resp: 22744
Ion Ratio Lower Upper
106 100
91 210.1 107.2 321.6



#70
Styrene
Concen: 9.558 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion:104 Resp: 38124
Ion Ratio Lower Upper
104 100
78 48.1 39.2 58.8
103 56.2 43.7 65.5





#71

Bromoform

Concen: 9.893 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

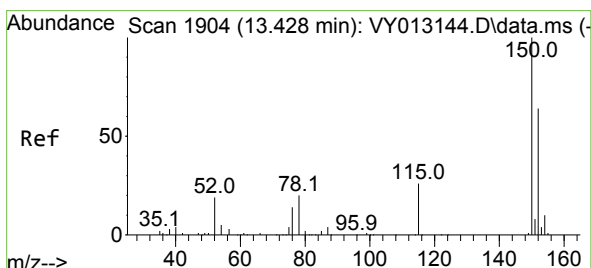
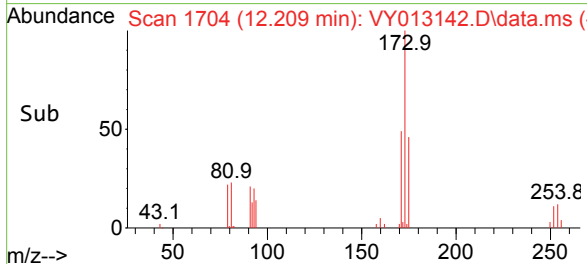
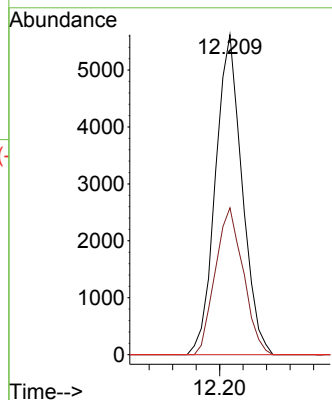
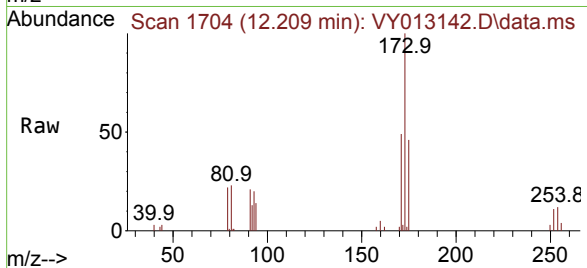
Tgt Ion:173 Resp: 8849

Ion Ratio Lower Upper

173 100

175 48.2 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

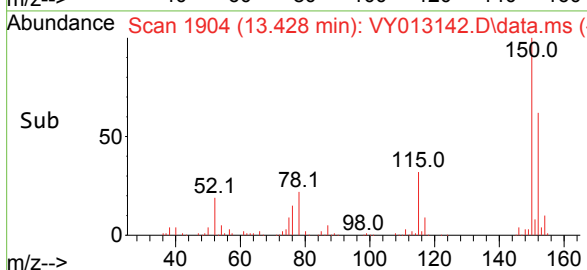
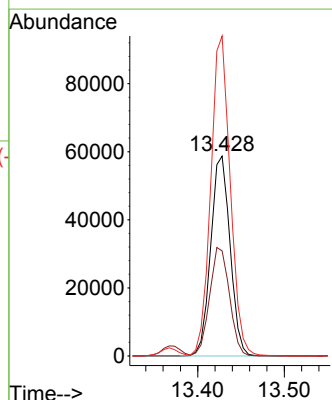
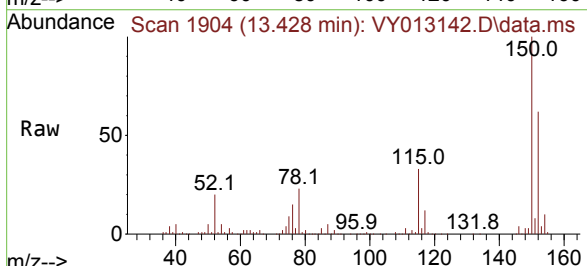
Tgt Ion:152 Resp: 91131

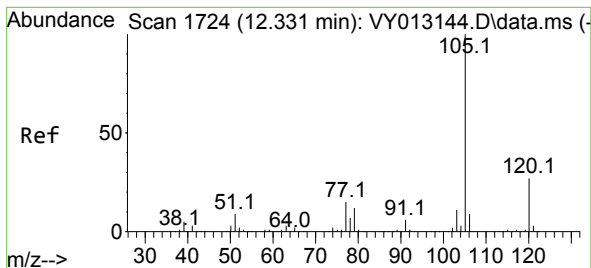
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 161.2 0.0 347.8





#73

Isopropylbenzene

Concen: 9.491 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

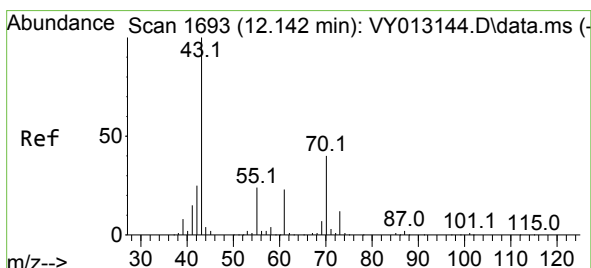
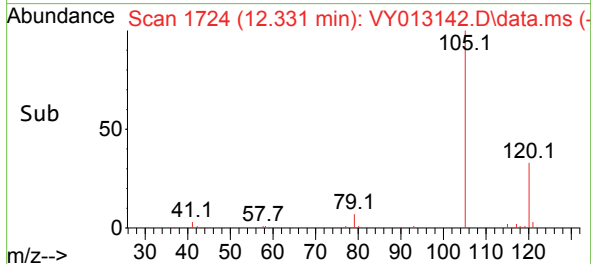
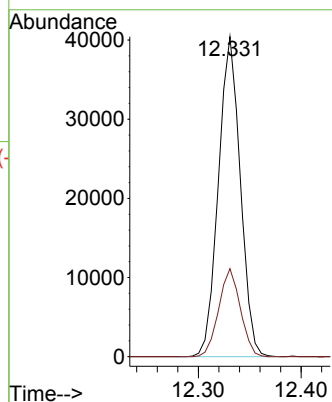
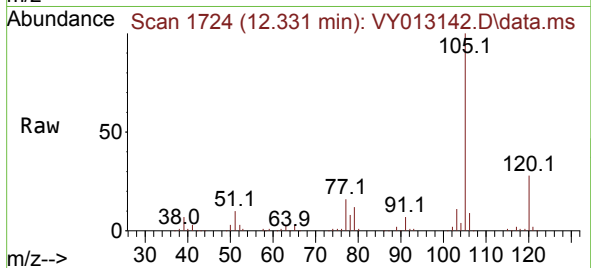
VSTDIC010

Tgt Ion:105 Resp: 59707

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 9.163 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Tgt Ion: 43 Resp: 15826

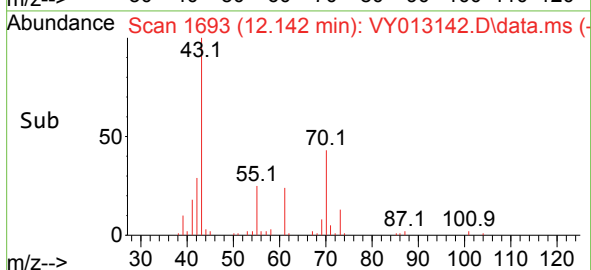
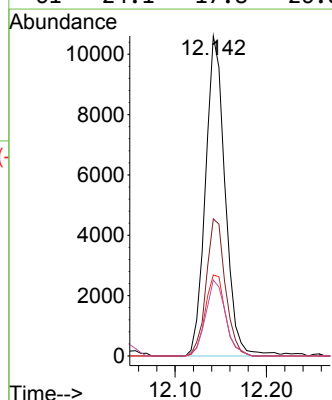
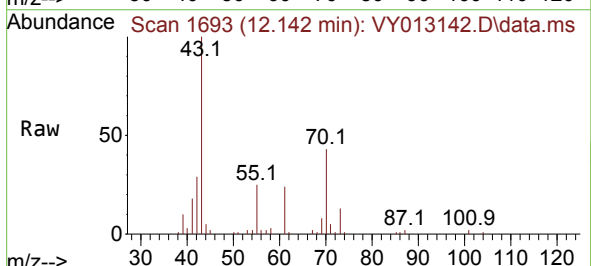
Ion Ratio Lower Upper

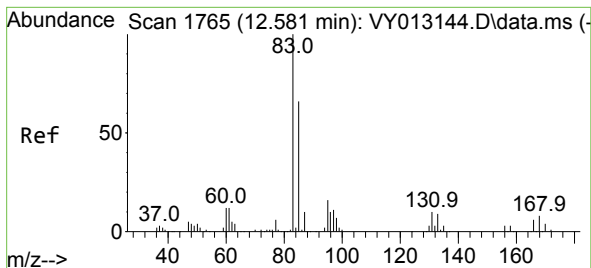
43 100

70 41.6 31.6 47.4

55 26.0 18.8 28.2

61 24.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.268 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

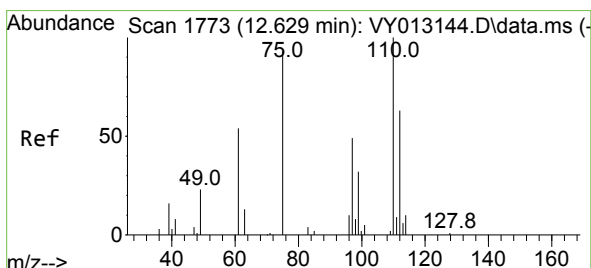
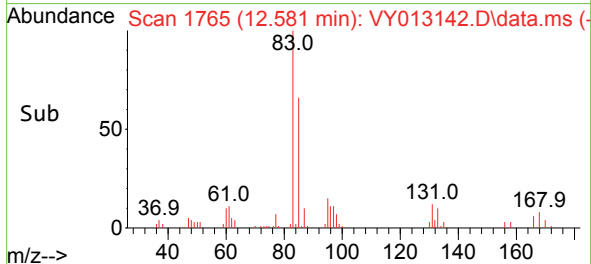
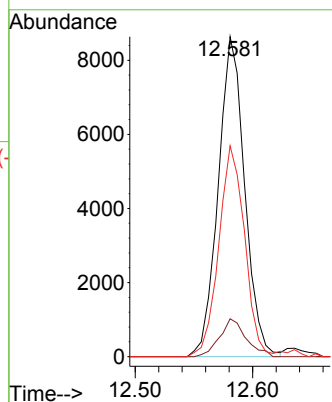
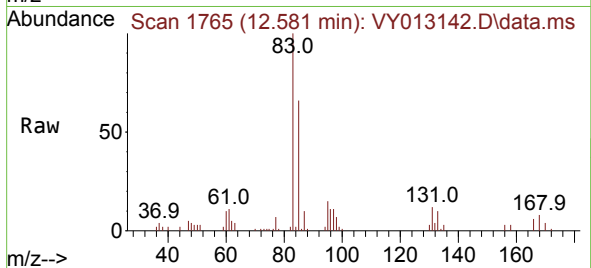
Tgt Ion: 83 Resp: 13530

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.2

85 64.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 16.443 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013142.D

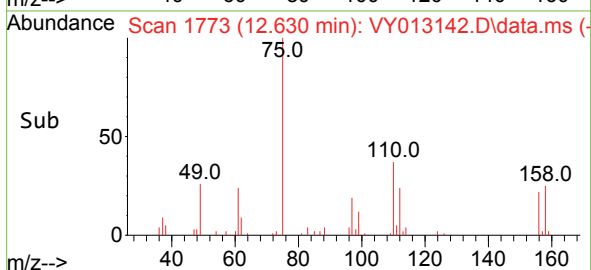
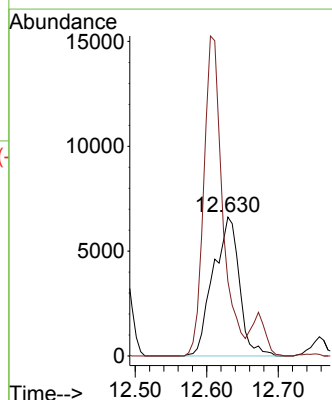
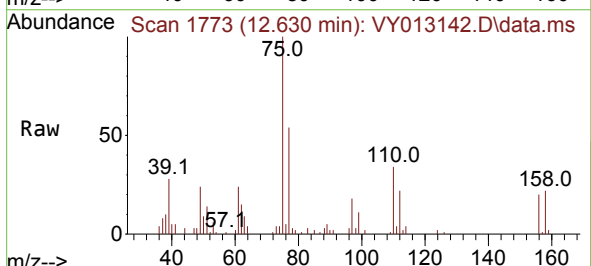
Acq: 30 Mar 2023 10:36

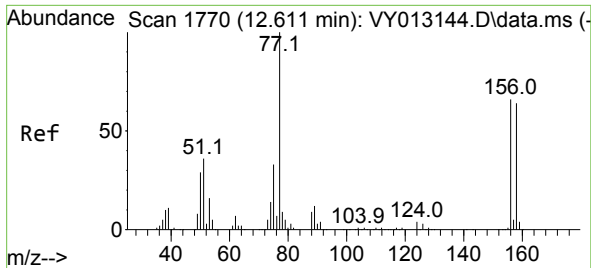
Tgt Ion: 75 Resp: 16829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

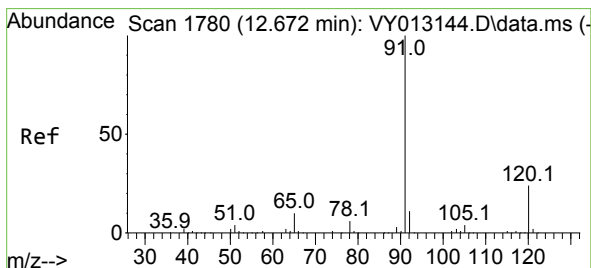
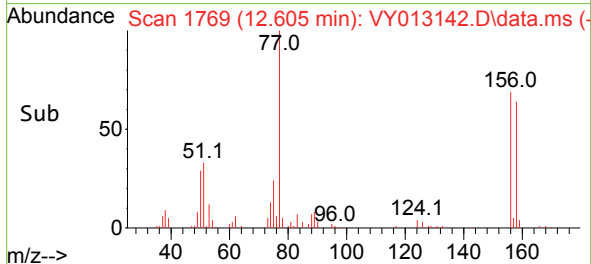
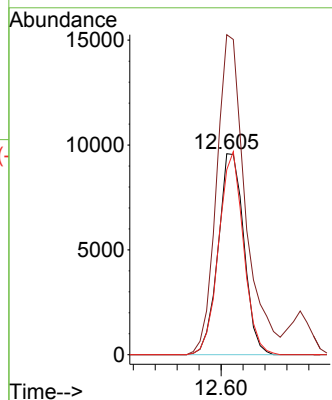
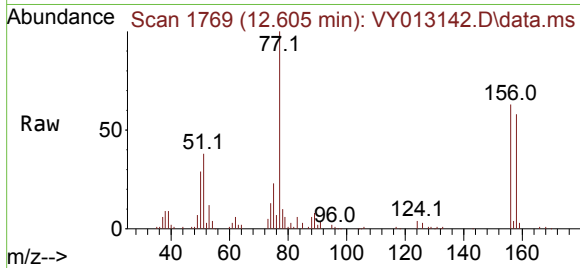




#77
Bromobenzene
Concen: 9.983 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

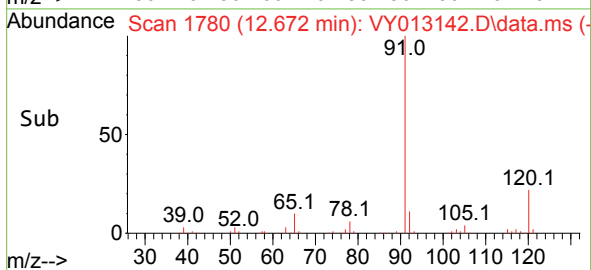
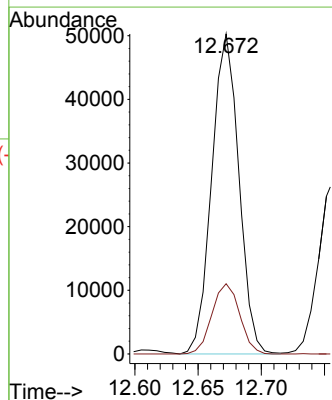
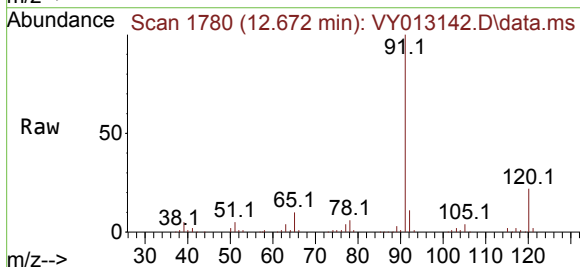
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

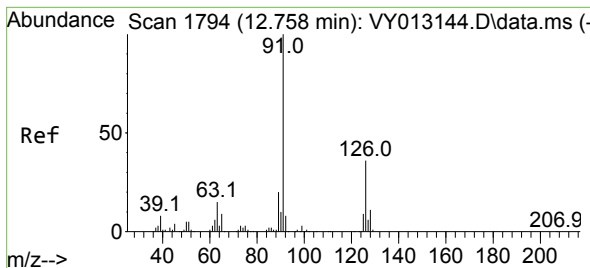
Tgt Ion:156 Resp: 15613
Ion Ratio Lower Upper
156 100
77 178.6 94.0 282.1
158 97.5 48.1 144.4



#78
n-propylbenzene
Concen: 9.693 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 91 Resp: 74974
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 9.837 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

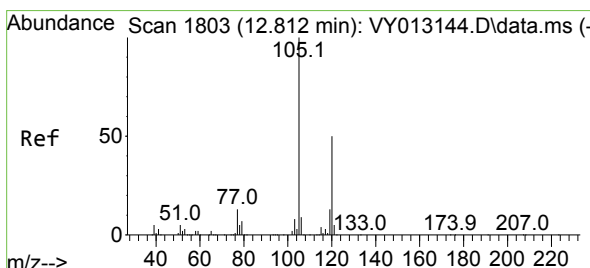
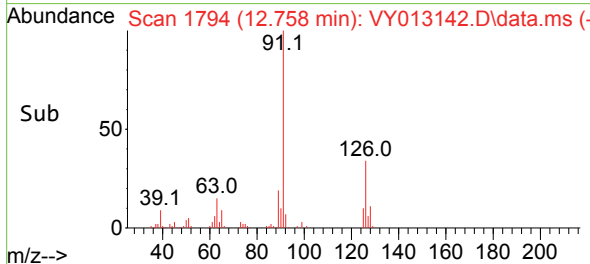
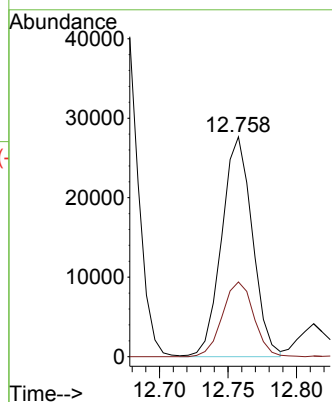
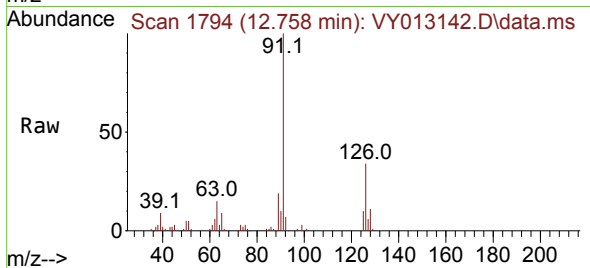
VSTDIC010

Tgt Ion: 91 Resp: 43173

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 9.701 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013142.D

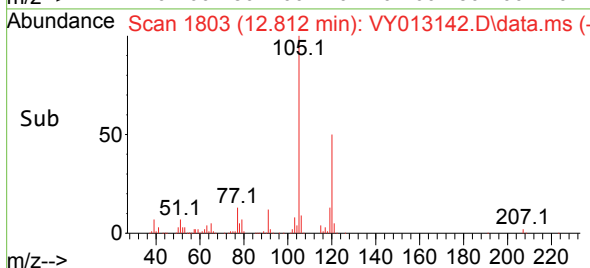
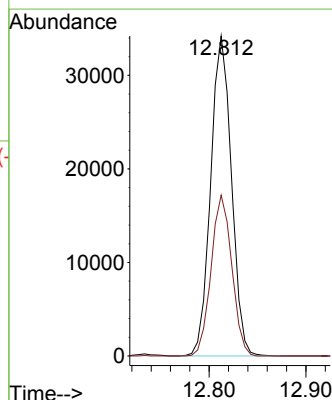
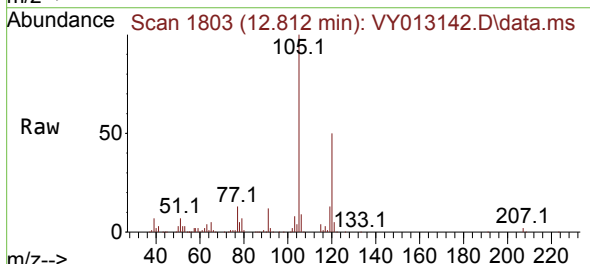
Acq: 30 Mar 2023 10:36

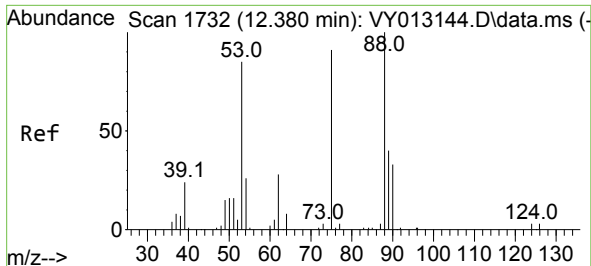
Tgt Ion: 105 Resp: 51018

Ion Ratio Lower Upper

105 100

120 50.0 24.8 74.4

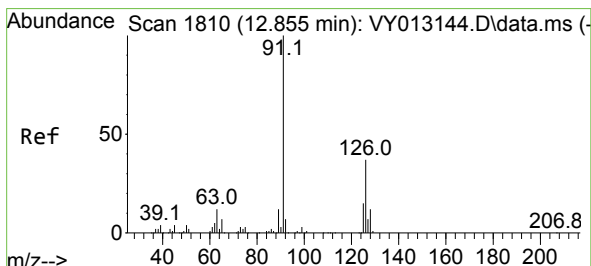
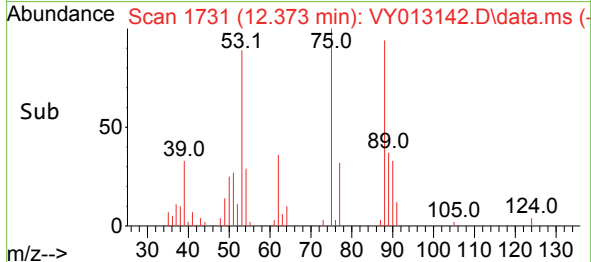
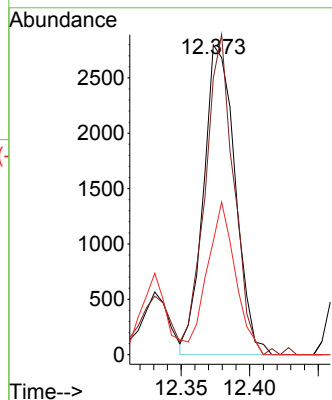
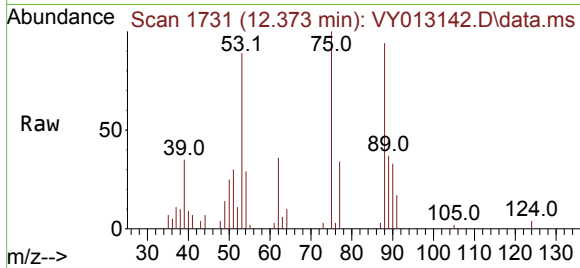




#81
trans-1,4-Dichloro-2-butene
Concen: 9.783 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

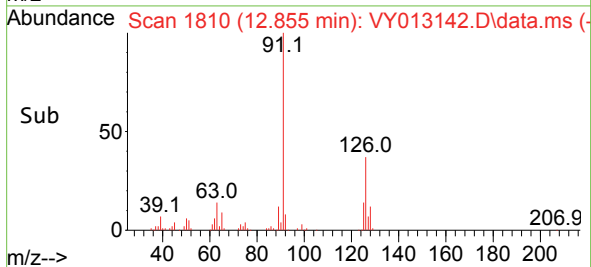
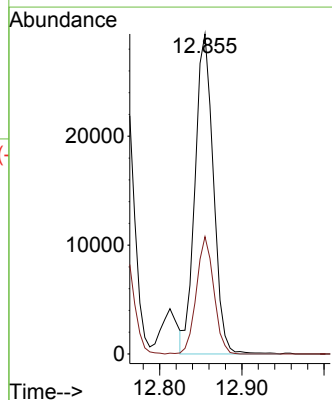
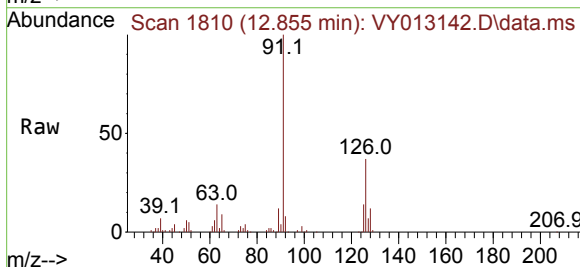
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

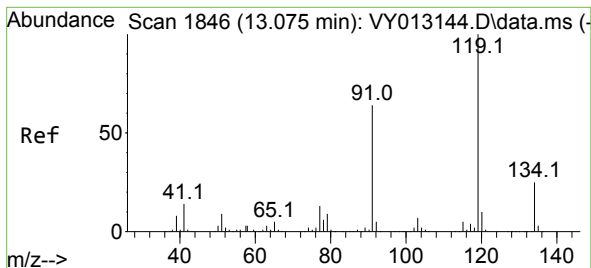
Tgt Ion: 75 Resp: 4491
Ion Ratio Lower Upper
75 100
53 93.8 73.4 110.0
89 43.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 9.946 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013142.D
Acq: 30 Mar 2023 10:36

Tgt Ion: 91 Resp: 45432
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1





#83

tert-Butylbenzene

Concen: 9.408 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

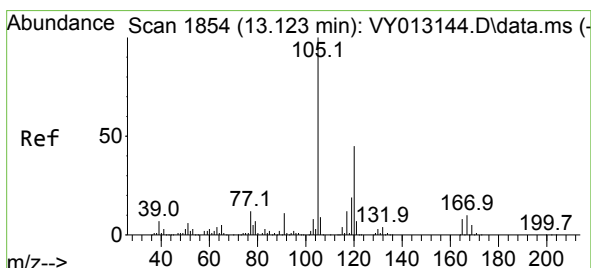
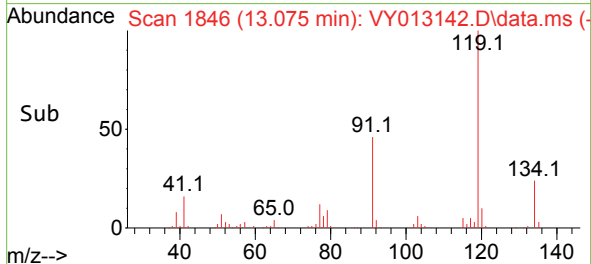
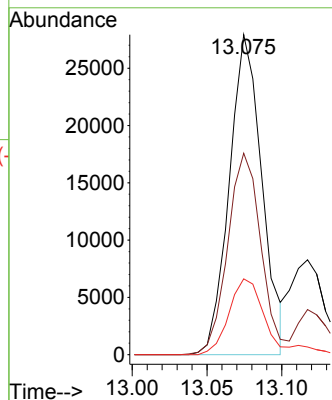
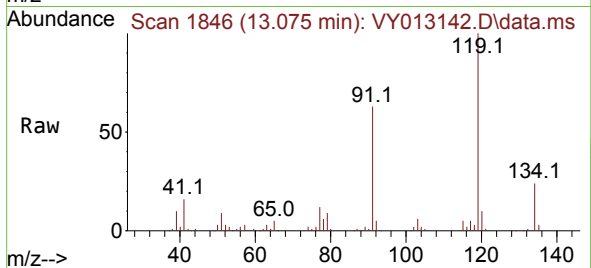
Tgt Ion:119 Resp: 42500

Ion Ratio Lower Upper

119 100

91 64.4 32.8 98.3

134 24.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.622 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013142.D

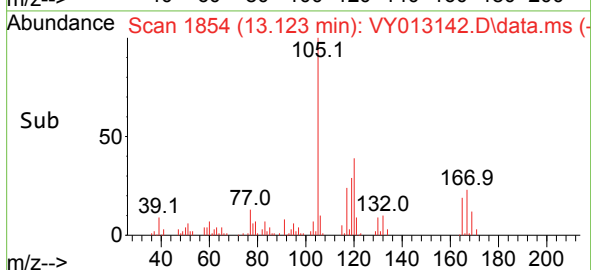
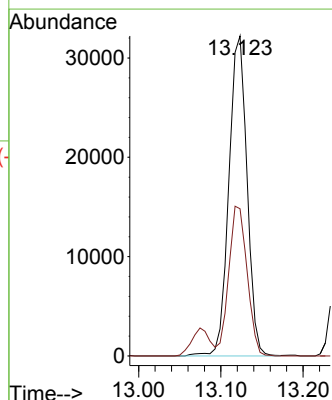
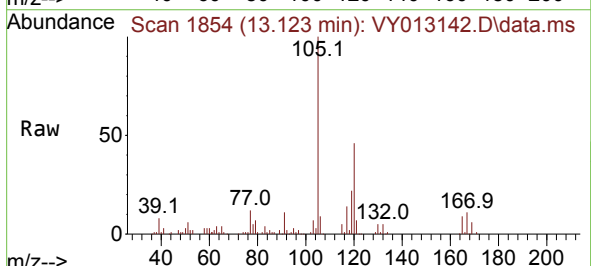
Acq: 30 Mar 2023 10:36

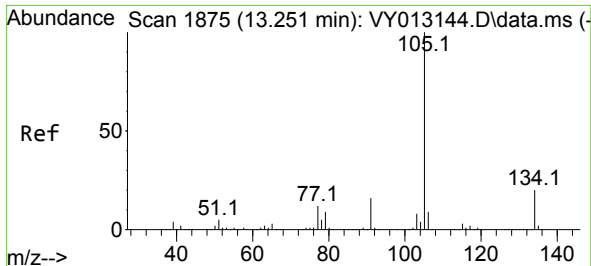
Tgt Ion:105 Resp: 49560

Ion Ratio Lower Upper

105 100

120 47.4 23.0 69.0

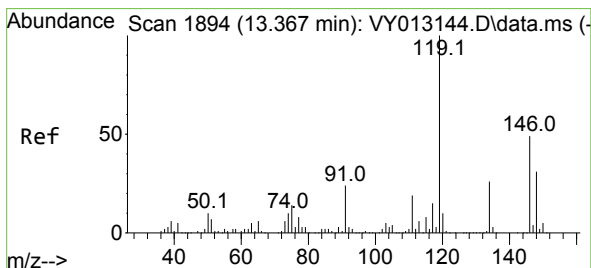
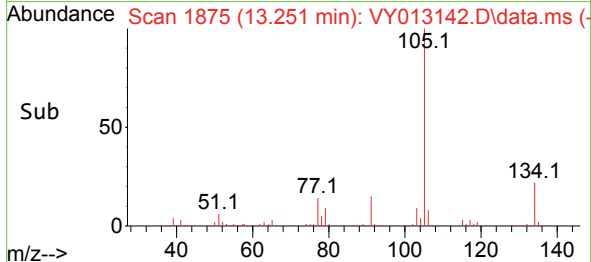
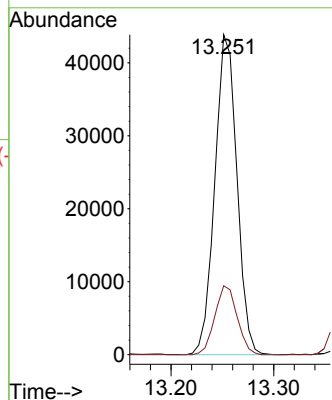
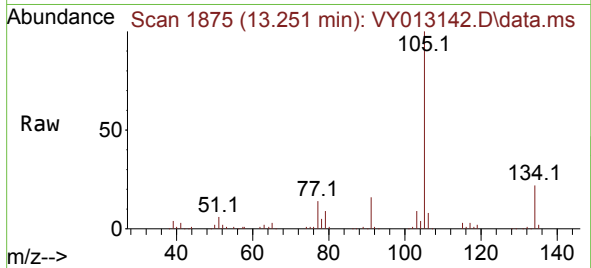




#85
 sec-Butylbenzene
 Concen: 9.576 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

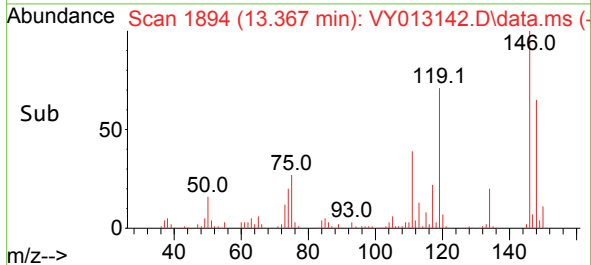
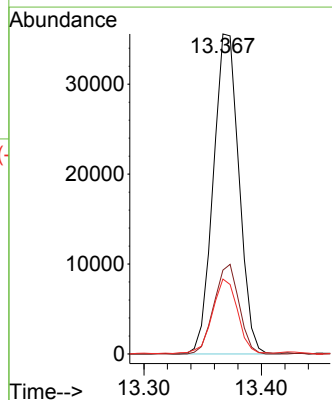
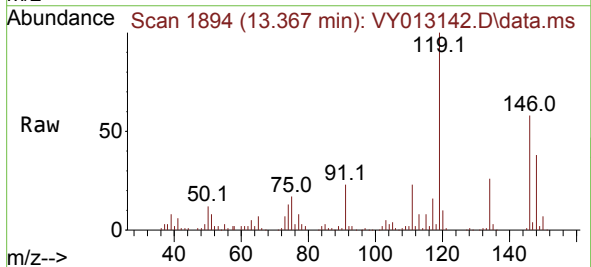
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

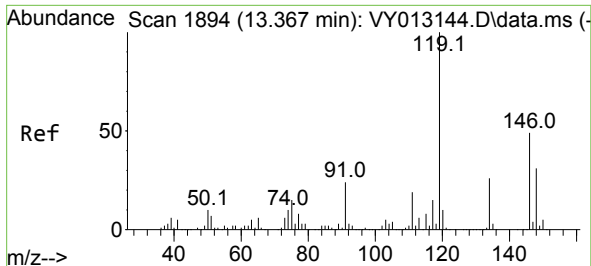
Tgt Ion:105 Resp: 65315
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 9.629 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013142.D
 Acq: 30 Mar 2023 10:36

Tgt Ion:119 Resp: 54069
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.6
 91 22.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 10.105 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

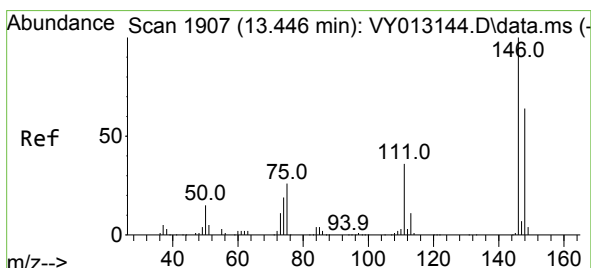
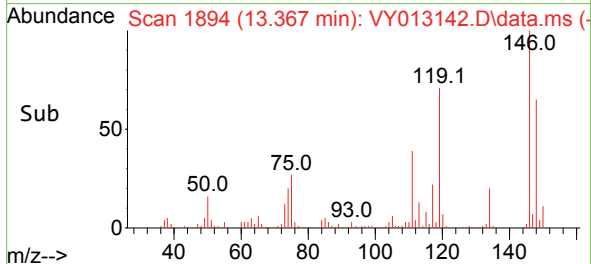
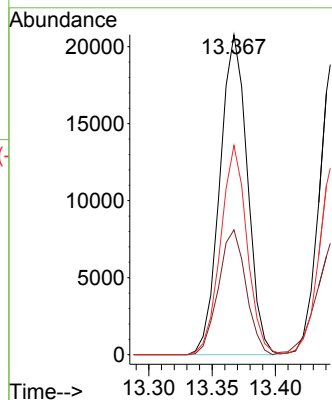
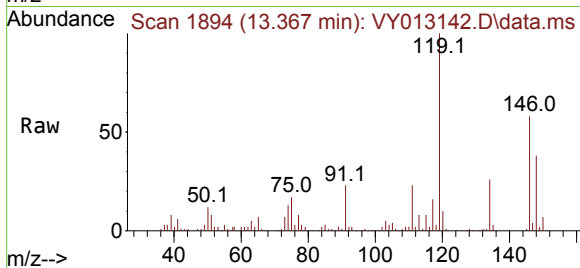
Tgt Ion:146 Resp: 31327

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 62.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 10.093 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

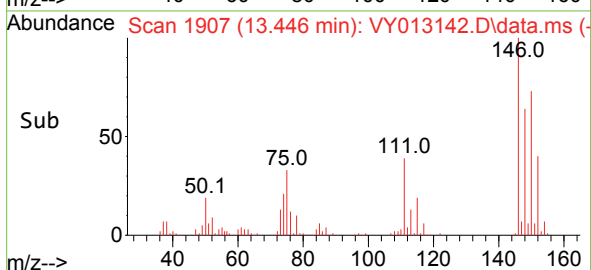
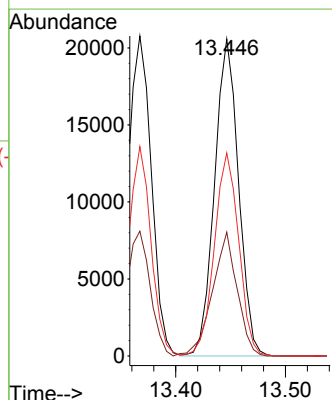
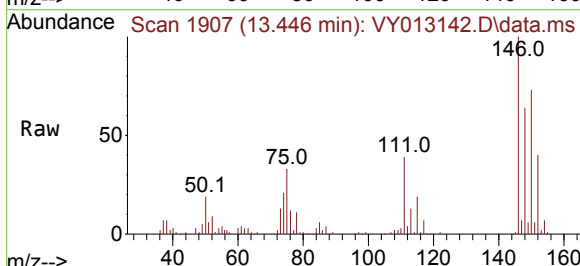
Tgt Ion:146 Resp: 31357

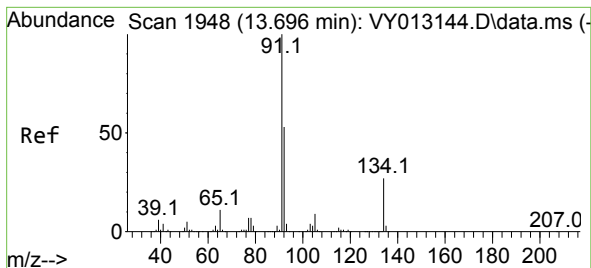
Ion Ratio Lower Upper

146 100

111 40.3 18.6 55.8

148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 9.313 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

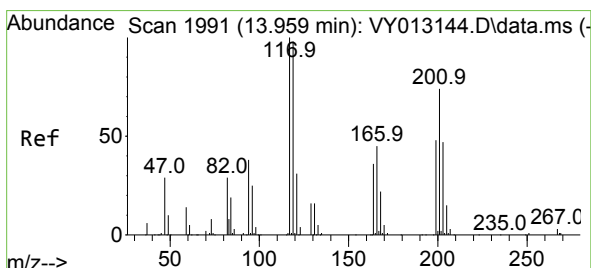
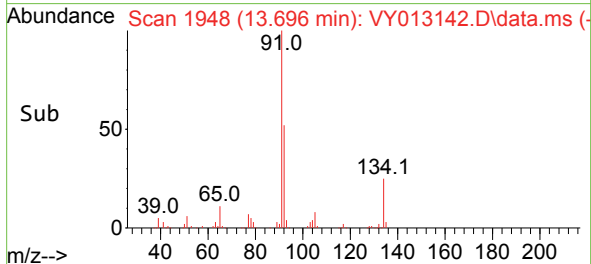
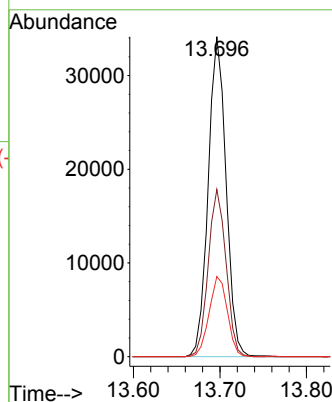
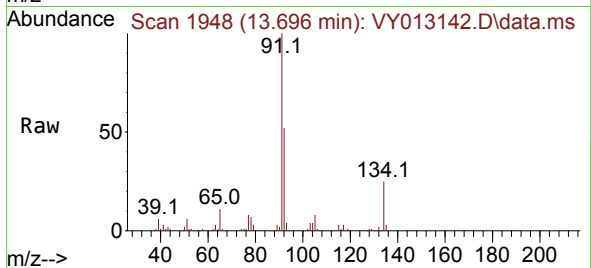
Tgt Ion: 91 Resp: 48887

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 10.017 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013142.D

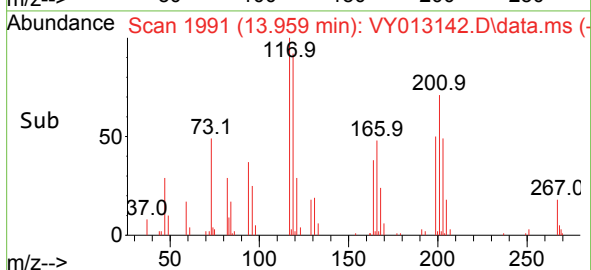
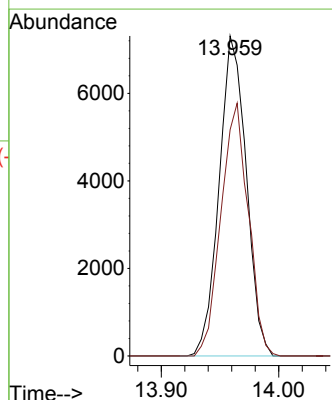
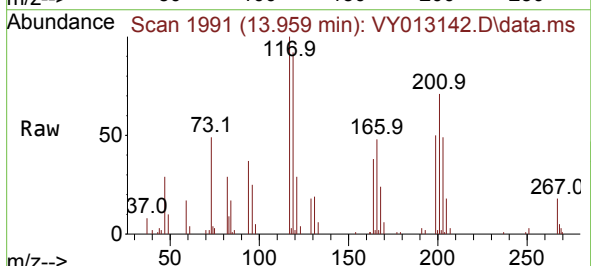
Acq: 30 Mar 2023 10:36

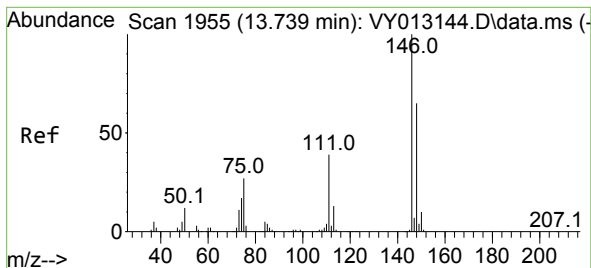
Tgt Ion: 117 Resp: 11717

Ion Ratio Lower Upper

117 100

201 79.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 10.003 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

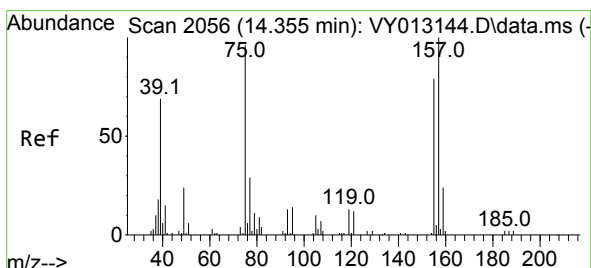
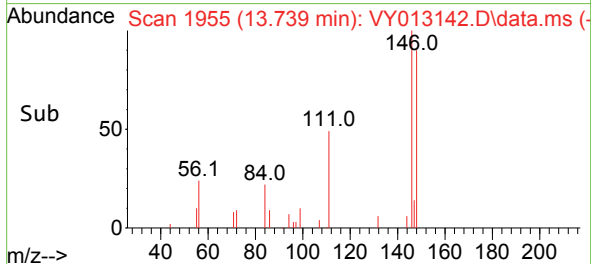
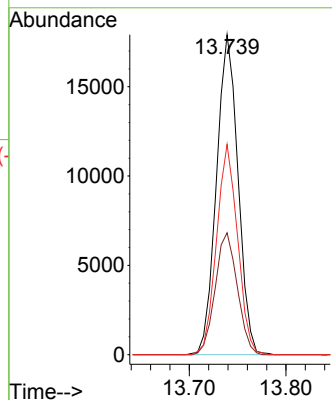
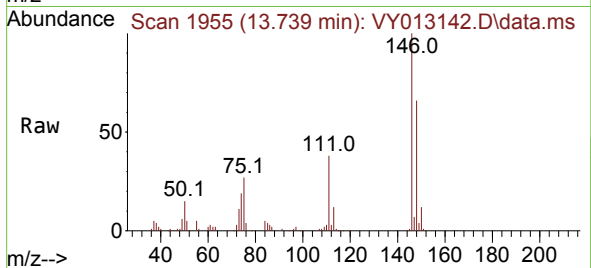
Tgt Ion:146 Resp: 27697

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.180 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

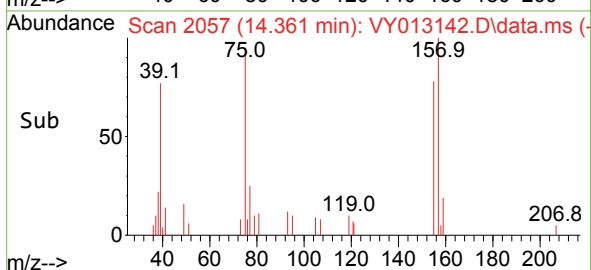
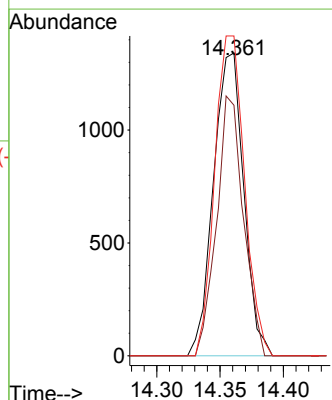
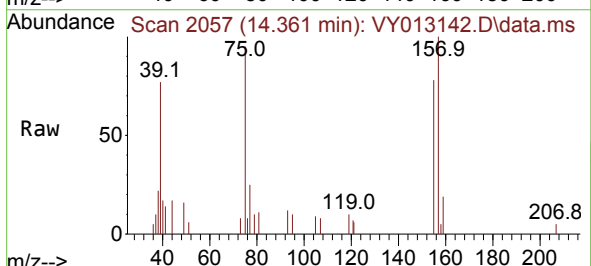
Tgt Ion: 75 Resp: 2232

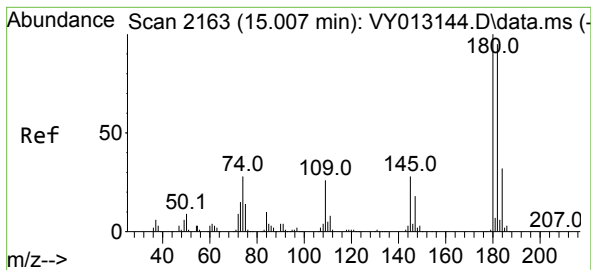
Ion Ratio Lower Upper

75 100

155 76.2 43.8 131.4

157 104.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 8.707 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

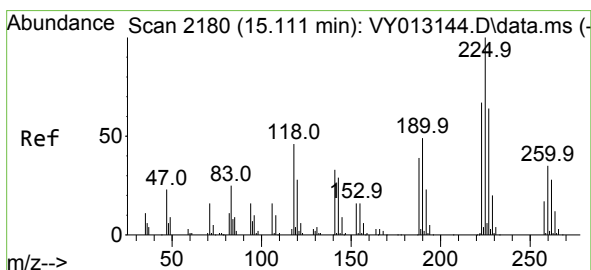
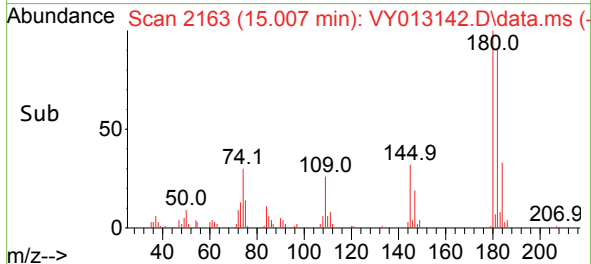
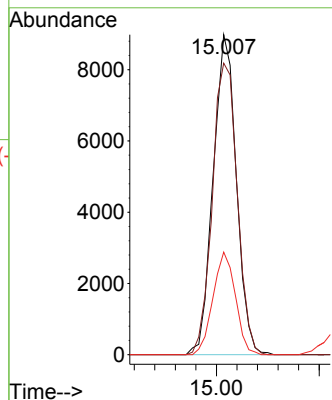
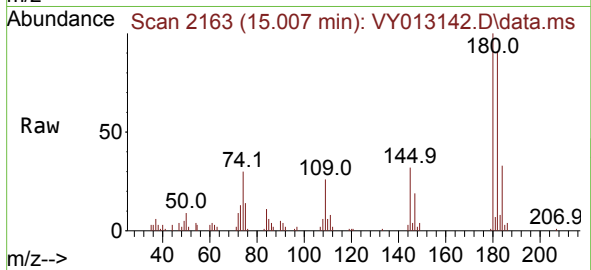
Tgt Ion:180 Resp: 14058

Ion Ratio Lower Upper

180 100

182 97.8 46.7 140.1

145 31.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 9.467 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

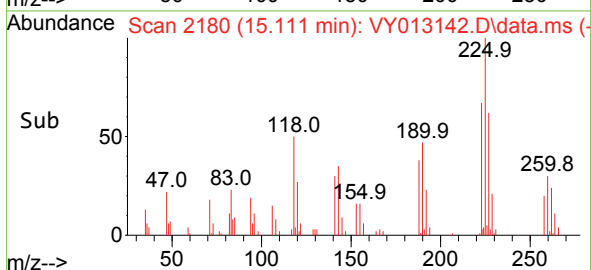
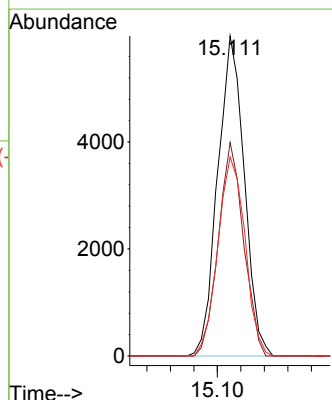
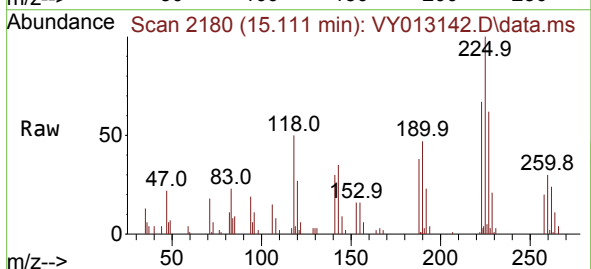
Tgt Ion:225 Resp: 9401

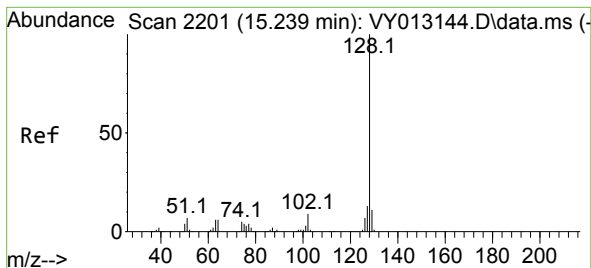
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.3

227 63.5 32.4 97.0





#95

Naphthalene

Concen: 9.871 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

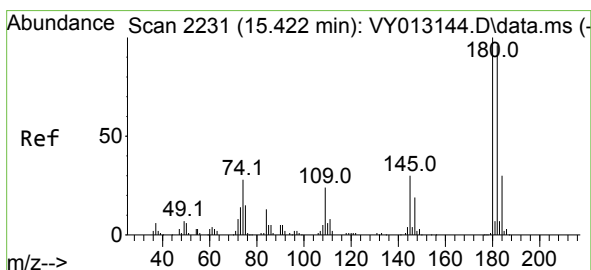
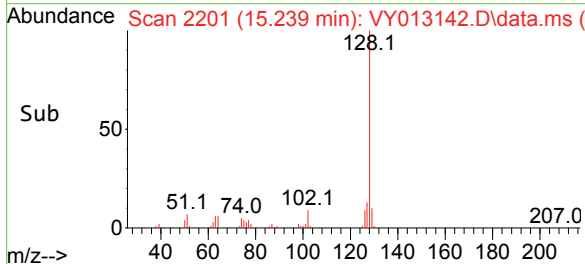
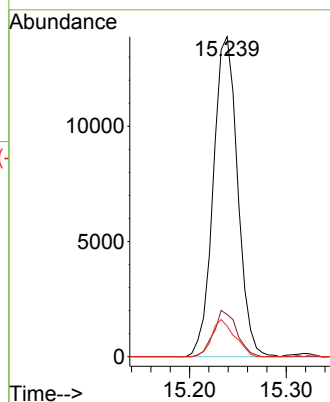
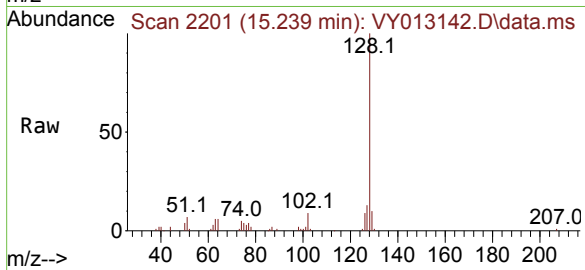
Tgt Ion:128 Resp: 24272

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 8.670 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013142.D

Acq: 30 Mar 2023 10:36

Tgt Ion:180 Resp: 12333

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.3

145 32.6 15.3 45.8

