

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013156.D
 Acq On : 31 Mar 2023 09:55
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 01 00:04:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	137615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70500	47.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.340%
35) Dibromofluoromethane	7.716	113	66750	49.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.179	98	256150	50.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.483	95	83638	50.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61491	45.581	ug/l	97
3) Chloromethane	2.119	50	59007	41.944	ug/l	97
4) Vinyl Chloride	2.253	62	60557	42.934	ug/l	98
5) Bromomethane	2.656	94	43595	43.796	ug/l	95
6) Chloroethane	2.796	64	38631	43.723	ug/l	98
7) Trichlorofluoromethane	3.131	101	119542	47.620	ug/l	100
8) Diethyl Ether	3.534	74	38190	48.447	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	66728	48.214	ug/l	97
10) Methyl Iodide	4.095	142	91264	50.640	ug/l	97
11) Tert butyl alcohol	4.948	59	25712	192.896	ug/l	99
12) 1,1-Dichloroethene	3.875	96	65504	48.960	ug/l	96
13) Acrolein	3.735	56	44057	235.528	ug/l	98
14) Allyl chloride	4.485	41	107768	47.275	ug/l	97
15) Acrylonitrile	5.161	53	87374	223.057	ug/l	99
16) Acetone	3.948	43	118528	262.094	ug/l	98
17) Carbon Disulfide	4.198	76	202315	45.408	ug/l	99
18) Methyl Acetate	4.479	43	61758	43.341	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	165187	48.724	ug/l	98
20) Methylene Chloride	4.716	84	72288	45.860	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	71859	47.670	ug/l	97
22) Diisopropyl ether	6.119	45	214193	48.093	ug/l	96
23) Vinyl Acetate	6.064	43	599952	236.884	ug/l	97
24) 1,1-Dichloroethane	6.021	63	123540	46.836	ug/l	99
25) 2-Butanone	6.984	43	135372	239.396	ug/l	99
26) 2,2-Dichloropropane	6.984	77	113025	47.640	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	79311	48.837	ug/l	97
28) Bromochloromethane	7.338	49	52587	46.462	ug/l	91
29) Tetrahydrofuran	7.350	42	73261	218.859	ug/l	95
30) Chloroform	7.509	83	128654	47.101	ug/l	99
31) Cyclohexane	7.789	56	108486	44.933	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	117197	48.528	ug/l	99
36) 1,1-Dichloropropene	7.923	75	99318	49.032	ug/l	98
37) Ethyl Acetate	7.076	43	50619	43.992	ug/l	99
38) Carbon Tetrachloride	7.905	117	108830	48.694	ug/l	98
39) Methylcyclohexane	9.185	83	117830	49.584	ug/l	98
40) Benzene	8.161	78	281479	48.113	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	70655	138.413	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	85601	47.757	ug/l	100
43) Isopropyl Acetate	8.271	43	94353	45.811	ug/l	97
44) Trichloroethene	8.941	130	77128	47.890	ug/l	98
45) 1,2-Dichloropropane	9.216	63	68572	46.807	ug/l	97
46) Dibromomethane	9.307	93	39788	47.278	ug/l	95
47) Bromodichloromethane	9.496	83	97755	48.140	ug/l	99
48) Methyl methacrylate	9.295	41	46186	48.149	ug/l	98
49) 1,4-Dioxane	9.301	88	9988	997.625	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	256674	230.912	ug/l	98
52) Toluene	10.246	92	177860	49.010	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	100355	48.351	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	114307	48.221	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	55263	47.505	ug/l	98
56) Ethyl methacrylate	10.514	69	71899	49.158	ug/l	97
57) 1,3-Dichloropropane	10.788	76	93762	47.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	160485	234.663	ug/l	98
59) 2-Hexanone	10.831	43	199673	248.377	ug/l	98
60) Dibromochloromethane	10.984	129	70648	48.353	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53437	47.410	ug/l	99
64) Tetrachloroethene	10.721	164	68167	48.227	ug/l	99
65) Chlorobenzene	11.520	112	192384	49.290	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	72393	49.473	ug/l	98
67) Ethyl Benzene	11.593	91	340316	50.483	ug/l	100
68) m/p-Xylenes	11.703	106	266942	102.365	ug/l	100
69) o-Xylene	12.032	106	123973	51.254	ug/l	98
70) Styrene	12.044	104	210737	52.082	ug/l	100
71) Bromoform	12.209	173	44960	49.550	ug/l #	97
73) Isopropylbenzene	12.331	105	329567	51.559	ug/l	100
74) N-amyl acetate	12.142	43	84311	48.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	63154	47.168	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	82881	79.673	ug/l #	100
77) Bromobenzene	12.611	156	80040	50.365	ug/l	93
78) n-propylbenzene	12.672	91	399870	50.879	ug/l	99
79) 2-Chlorotoluene	12.758	91	222608	49.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	276798	51.795	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22314	47.837	ug/l	98
82) 4-Chlorotoluene	12.855	91	231494	49.876	ug/l	100
83) tert-Butylbenzene	13.075	119	235975	51.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	271403	51.858	ug/l	99
85) sec-Butylbenzene	13.258	105	355148	51.242	ug/l	100
86) p-Isopropyltoluene	13.373	119	298584	52.331	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	155562	49.380	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	154381	48.904	ug/l	99
89) n-Butylbenzene	13.696	91	272850	51.154	ug/l	99
90) Hexachloroethane	13.965	117	58717	49.400	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	138450	49.210	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9986	44.821	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	85372	52.035	ug/l	100
94) Hexachlorobutadiene	15.111	225	51279	50.819	ug/l	99
95) Naphthalene	15.239	128	159085	46.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	73852	51.090	ug/l	99

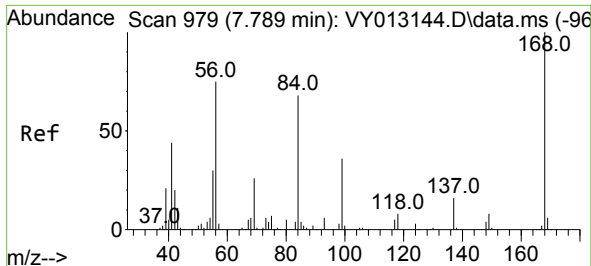
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QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration

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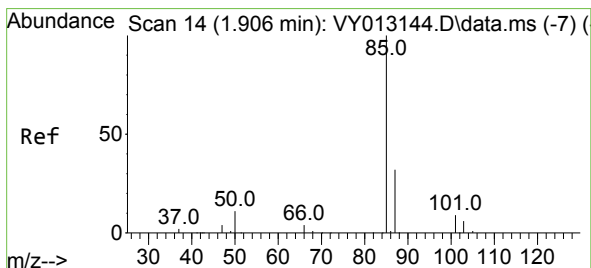
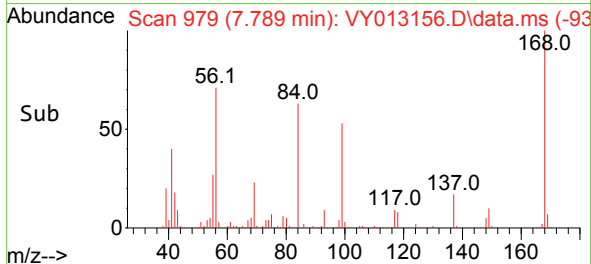
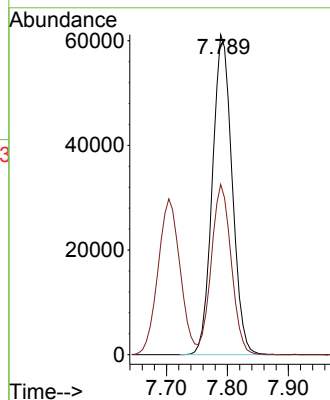
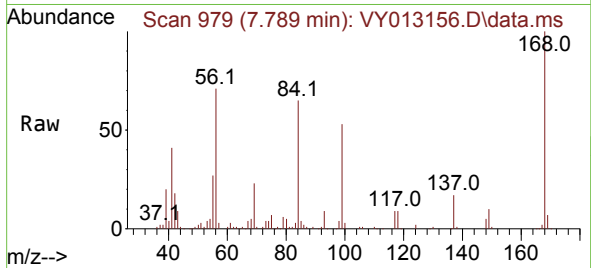
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

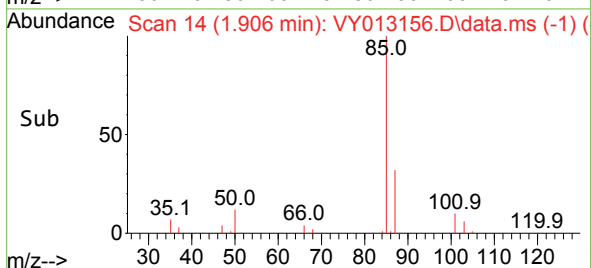
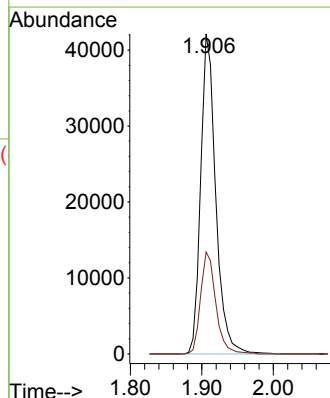
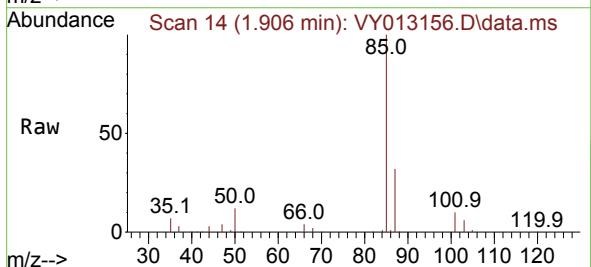
Instrument :
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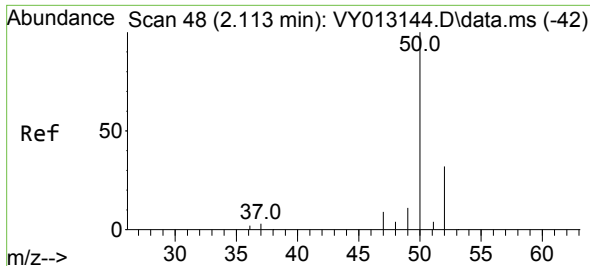
Tgt Ion:168 Resp: 137615
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.581 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 85 Resp: 61491
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

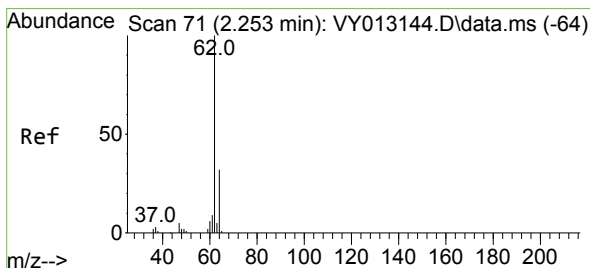
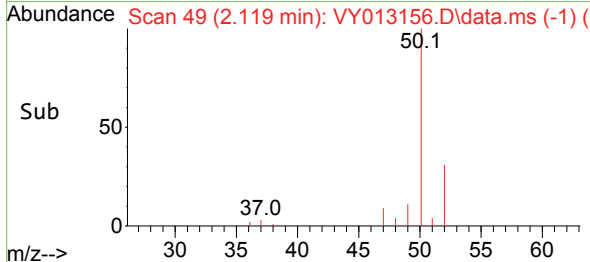
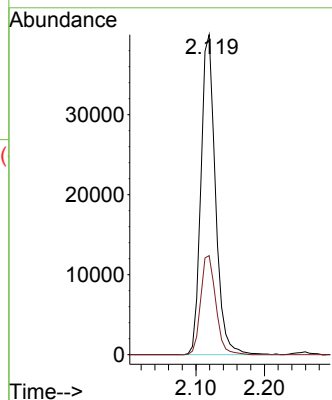
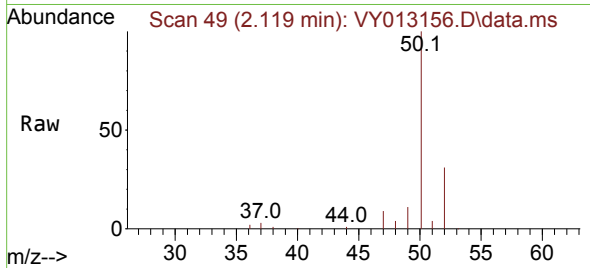




#3
Chloromethane
Concen: 41.944 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

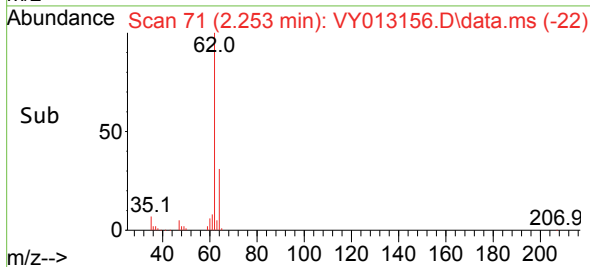
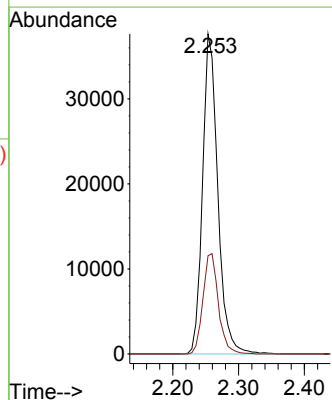
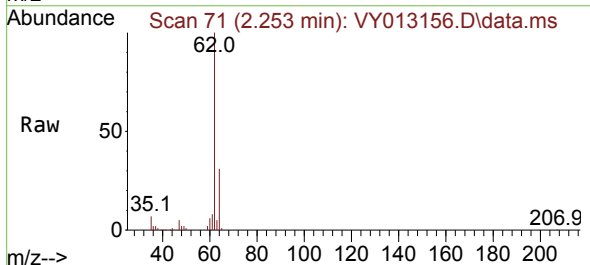
Instrument :
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ClientSampleId :
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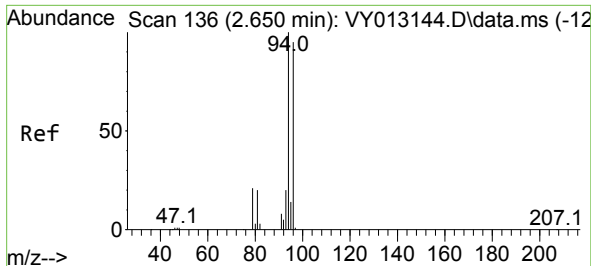
Tgt Ion: 50 Resp: 59007
Ion Ratio Lower Upper
50 100
52 31.0 26.0 39.0



#4
Vinyl Chloride
Concen: 42.934 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 62 Resp: 60557
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

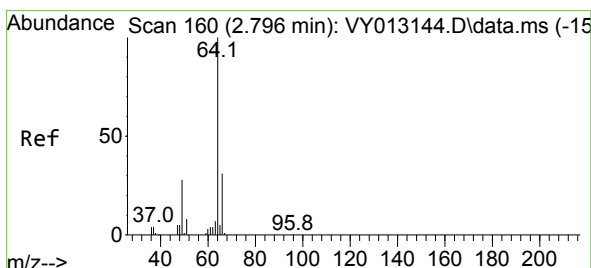
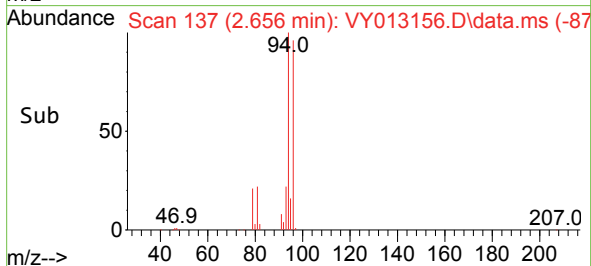
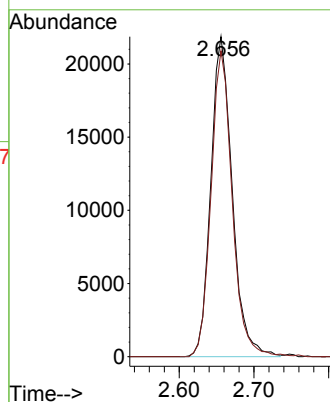
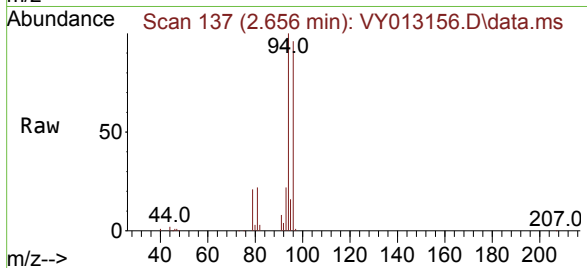




#5
Bromomethane
Concen: 43.796 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

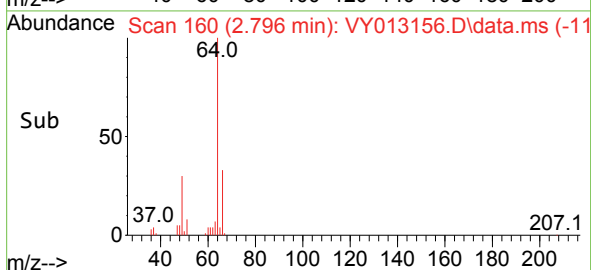
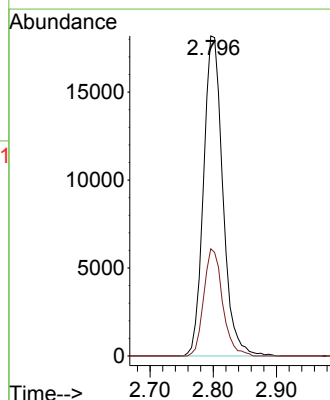
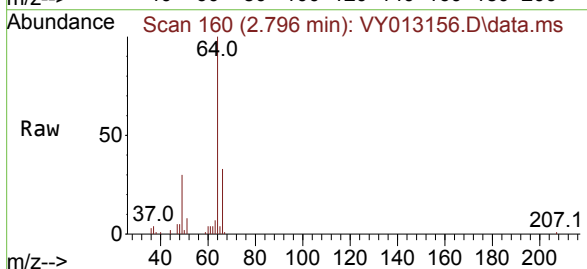
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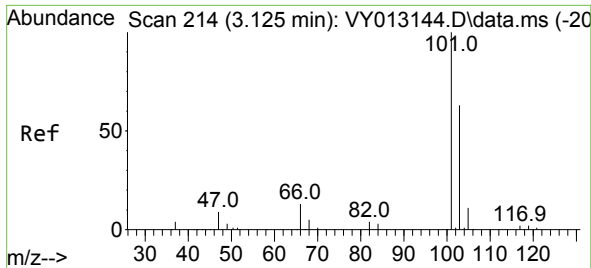
Tgt Ion: 94 Resp: 43595
Ion Ratio Lower Upper
94 100
96 95.6 80.3 120.5



#6
Chloroethane
Concen: 43.723 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 64 Resp: 38631
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5

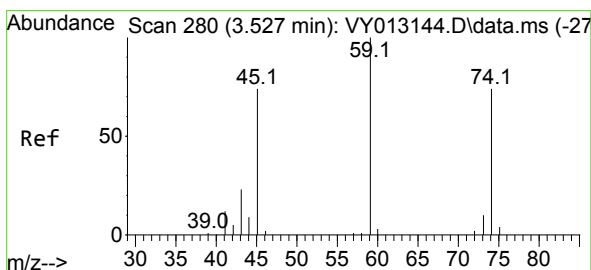
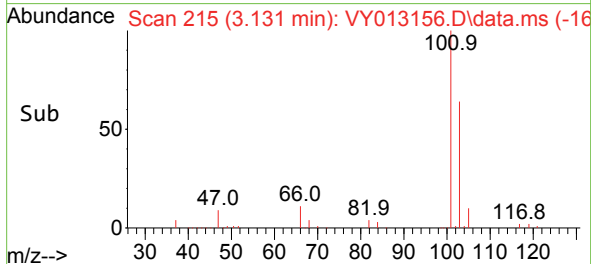
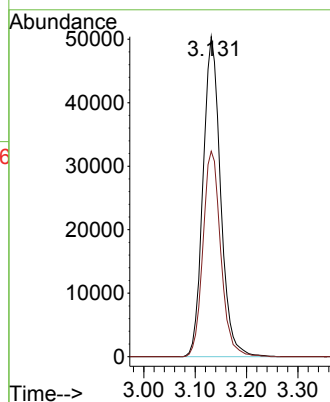
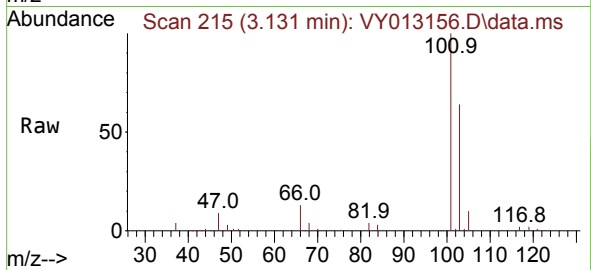




#7
Trichlorofluoromethane
Concen: 47.620 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

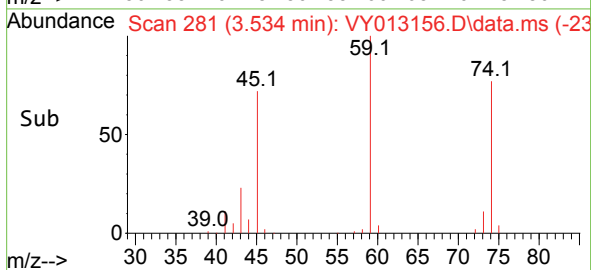
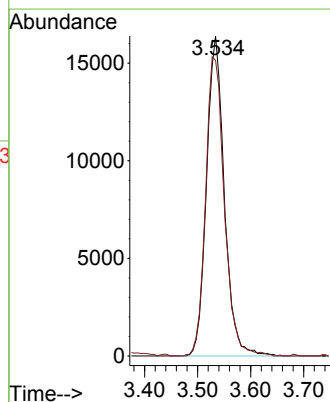
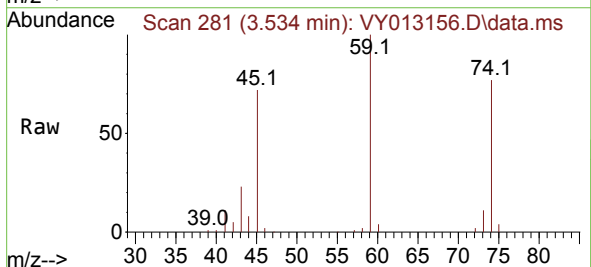
Instrument :
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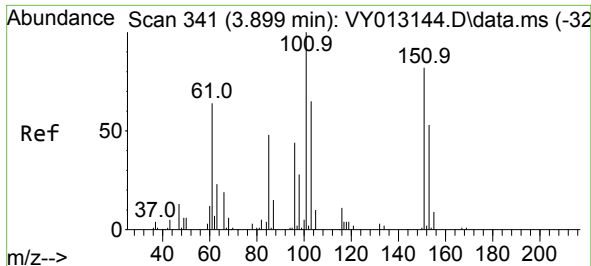
Tgt Ion:101 Resp: 119542
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3



#8
Diethyl Ether
Concen: 48.447 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 74 Resp: 38190
Ion Ratio Lower Upper
74 100
45 98.8 52.1 156.4

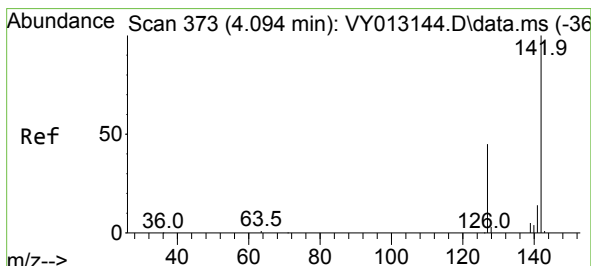
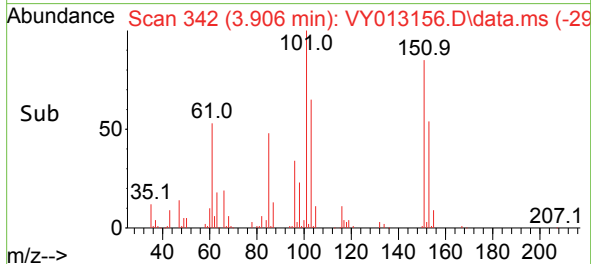
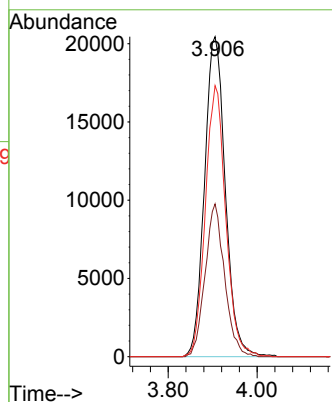
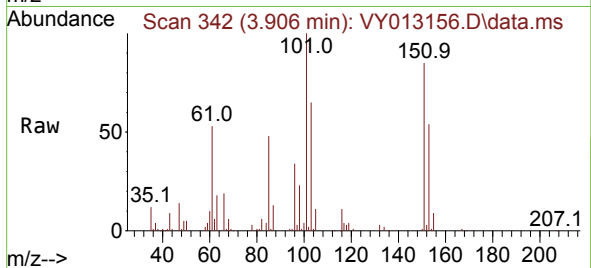




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.214 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013156.D
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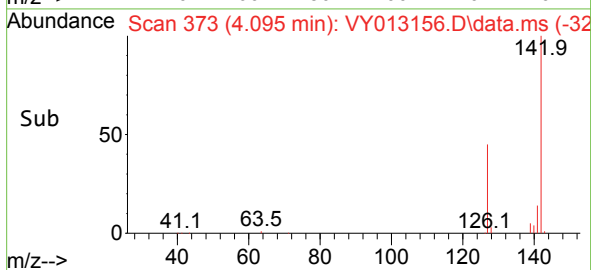
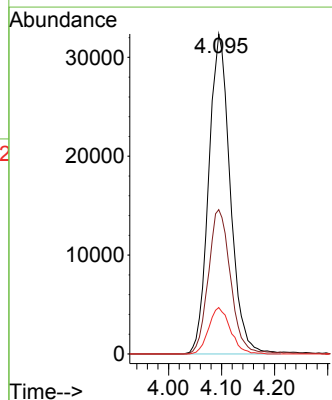
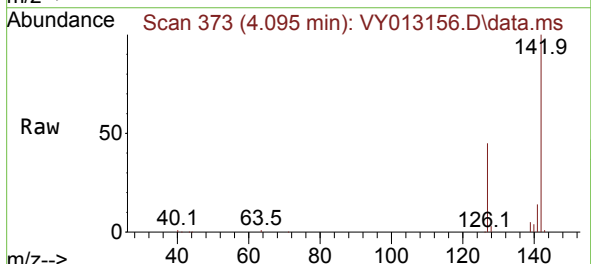
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

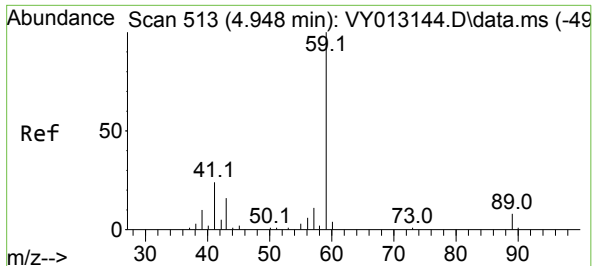
Tgt Ion:101 Resp: 66728
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 82.9 63.1 94.7



#10
Methyl Iodide
Concen: 50.640 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion:142 Resp: 91264
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.2
141 14.7 11.3 16.9

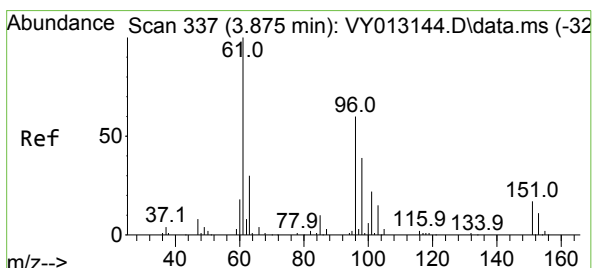
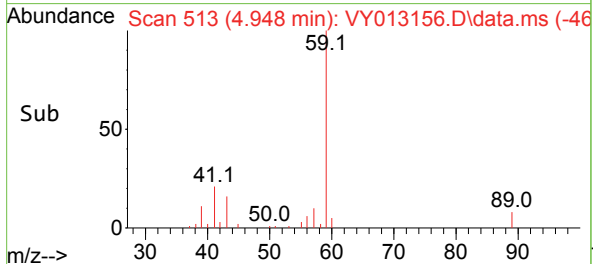
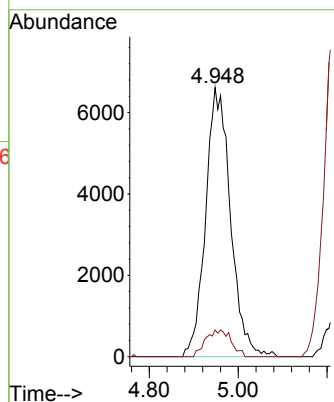
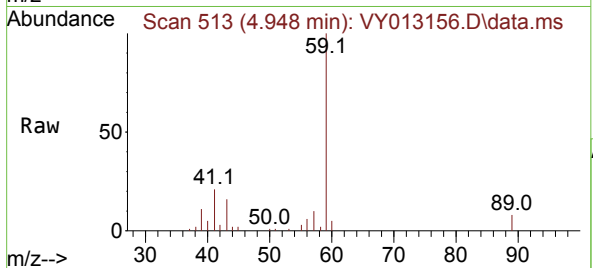




#11
Tert butyl alcohol
Concen: 192.896 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

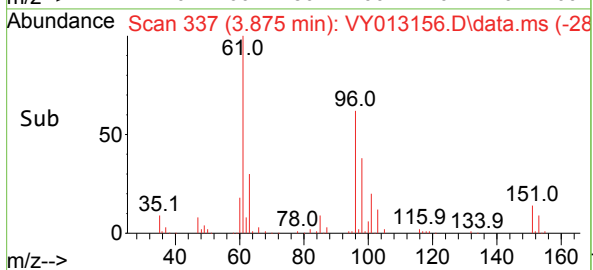
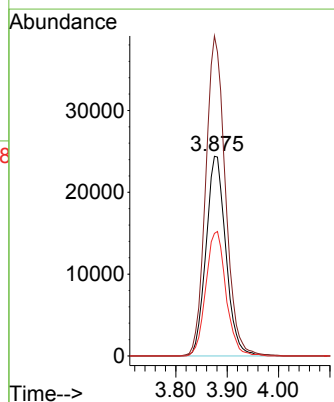
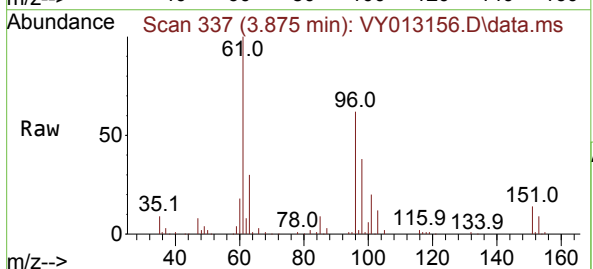
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

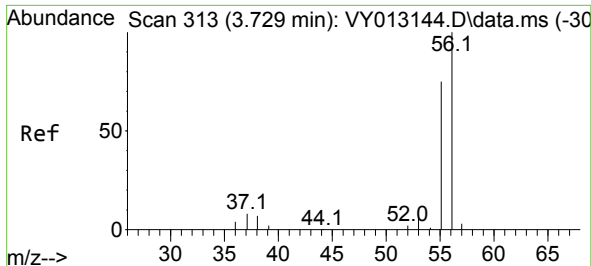
Tgt Ion: 59 Resp: 25712
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.960 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 96 Resp: 65504
Ion Ratio Lower Upper
96 100
61 160.3 131.7 197.5
98 61.4 52.0 78.0





#13

Acrolein

Concen: 235.528 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

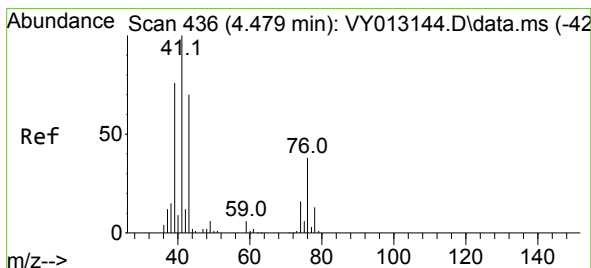
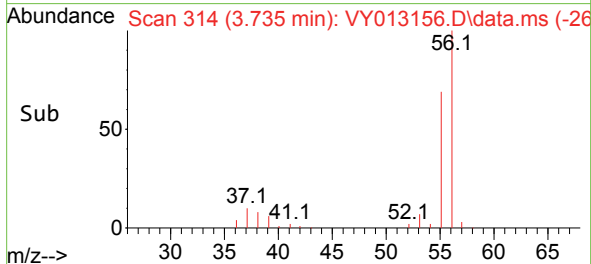
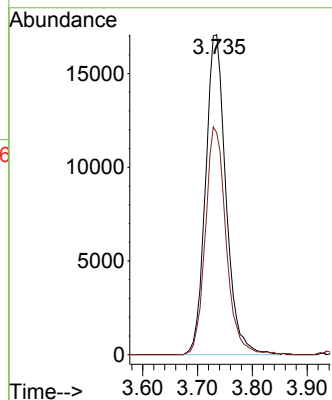
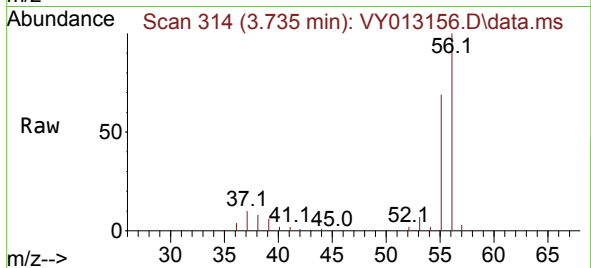
VSTDCCC050

Tgt Ion: 56 Resp: 44057

Ion Ratio Lower Upper

56 100

55 72.3 56.8 85.2



#14

Allyl chloride

Concen: 47.275 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

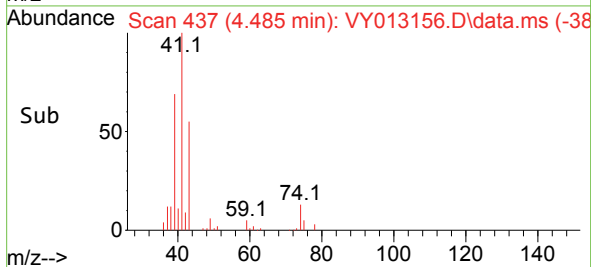
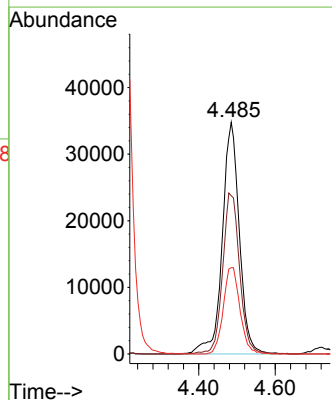
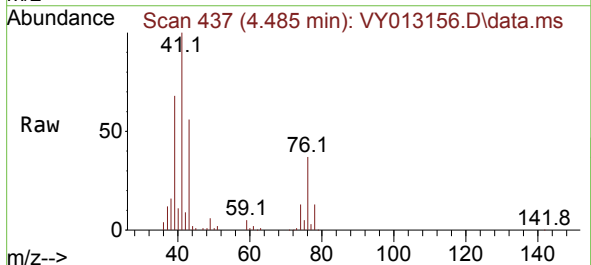
Tgt Ion: 41 Resp: 107768

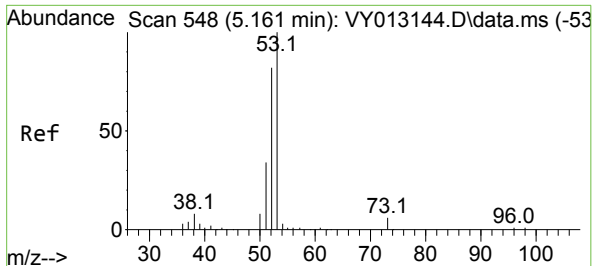
Ion Ratio Lower Upper

41 100

39 69.2 53.6 80.4

76 36.4 27.2 40.8

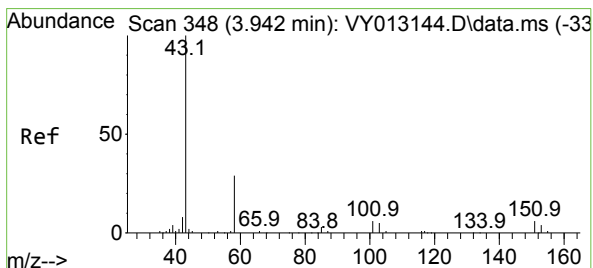
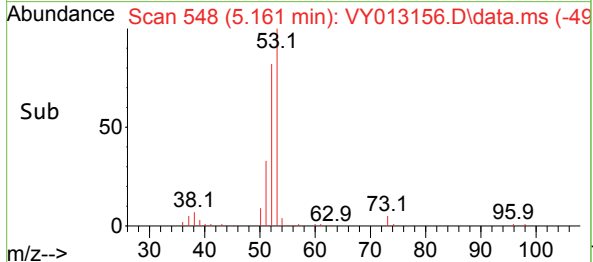
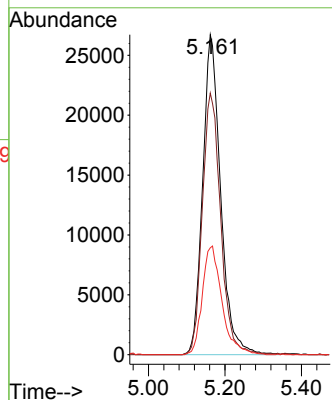
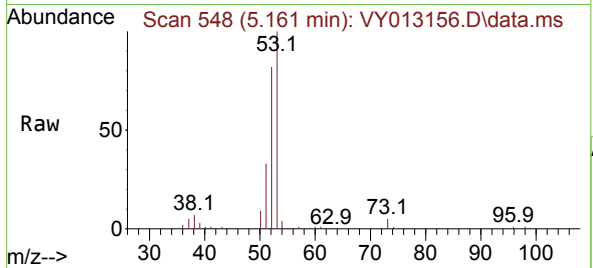




#15
Acrylonitrile
Concen: 223.057 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

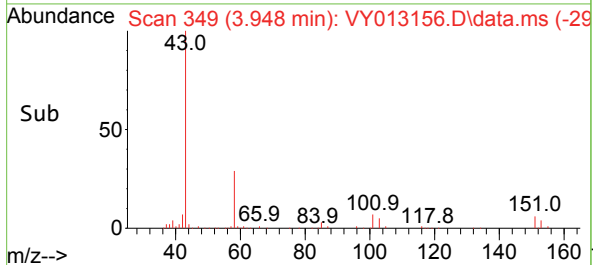
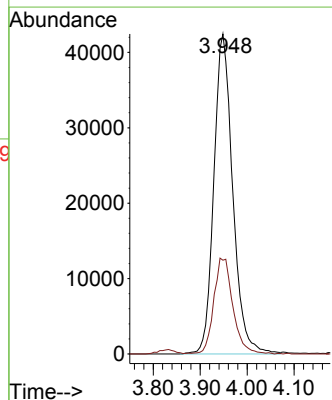
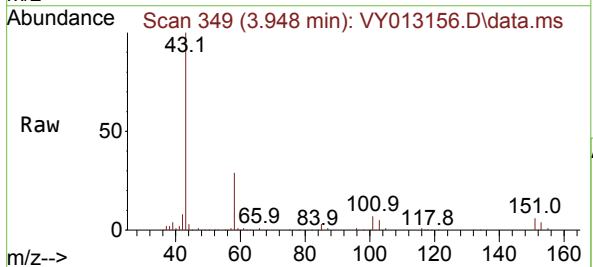
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

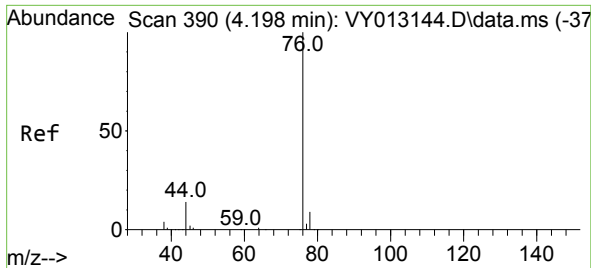
Tgt Ion:	53	Resp:	87374
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.3	99.5
51	37.1	28.8	43.2



#16
Acetone
Concen: 262.094 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion:	43	Resp:	118528
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.2	36.2

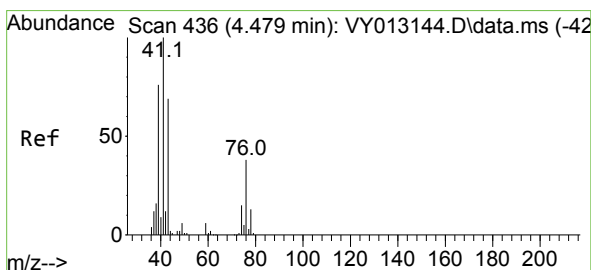
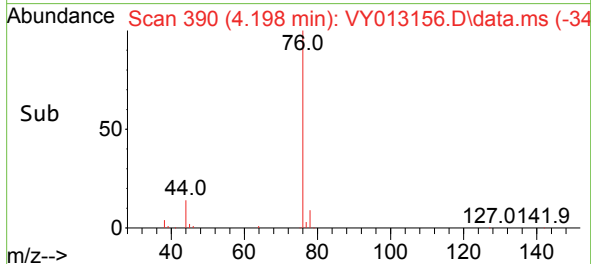
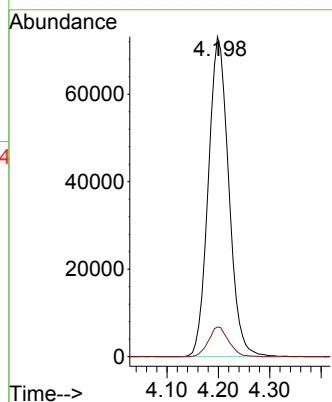
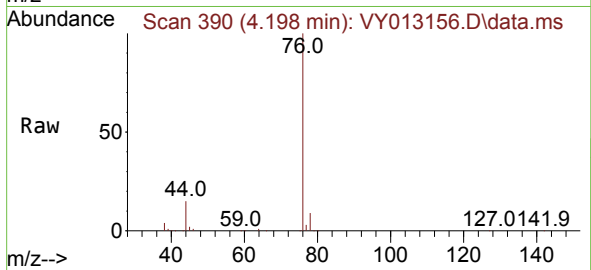




#17
Carbon Disulfide
Concen: 45.408 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

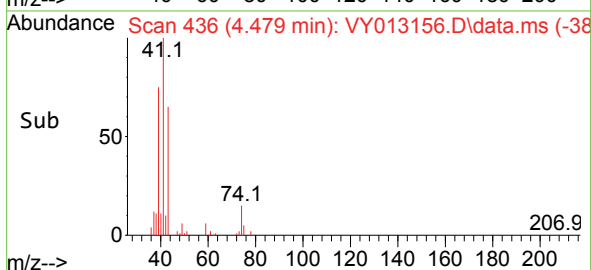
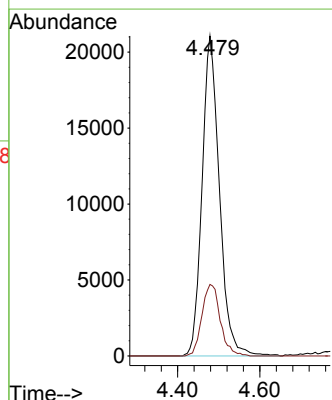
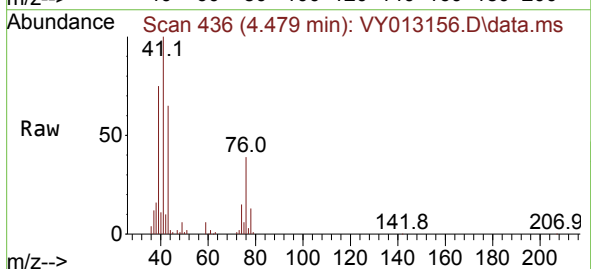
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

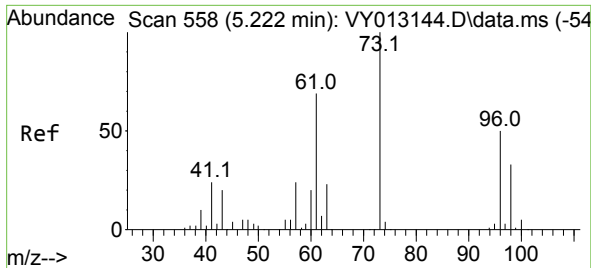
Tgt Ion: 76 Resp: 202315
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 43.341 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 43 Resp: 61758
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0

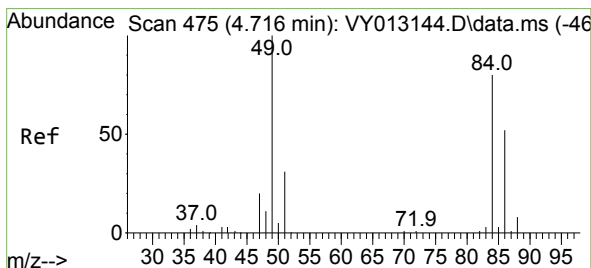
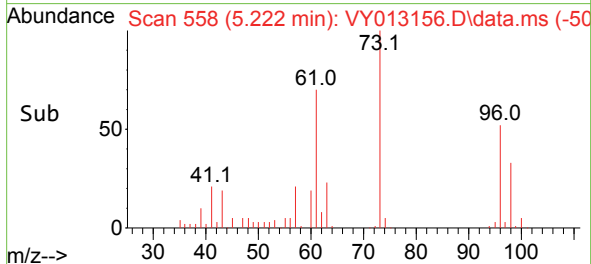
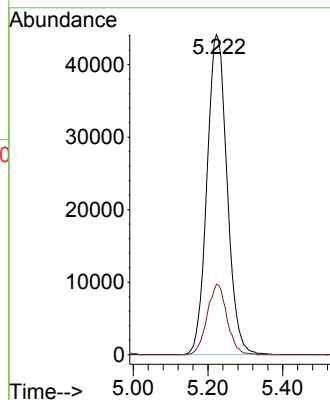
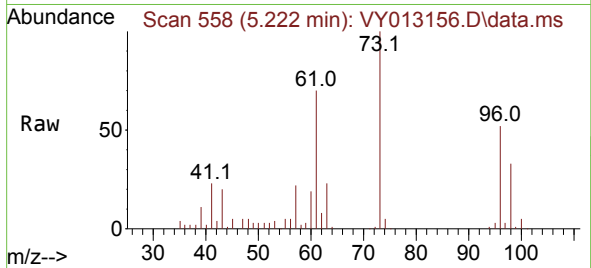




#19
Methyl tert-butyl Ether
Concen: 48.724 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

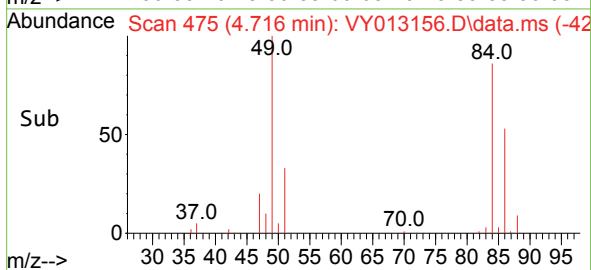
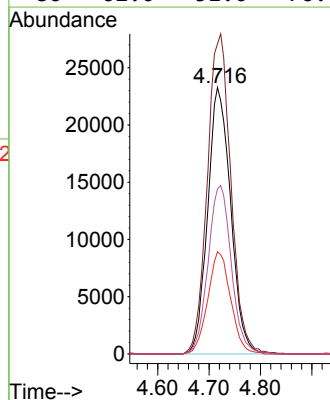
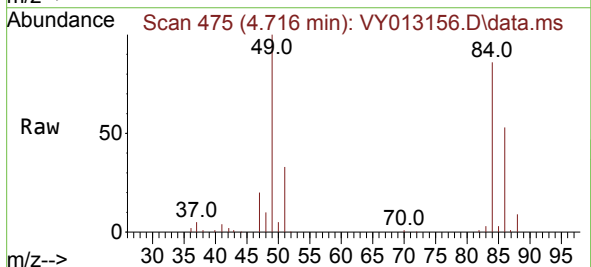
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

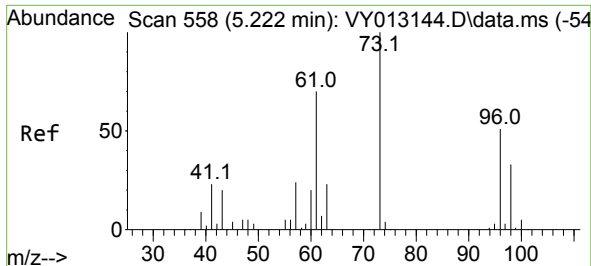
Tgt Ion: 73 Resp: 165187
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 45.860 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 84 Resp: 72288
Ion Ratio Lower Upper
84 100
49 116.3 102.6 154.0
51 38.3 31.9 47.9
86 62.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.670 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

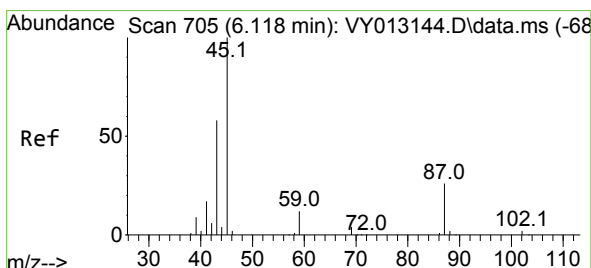
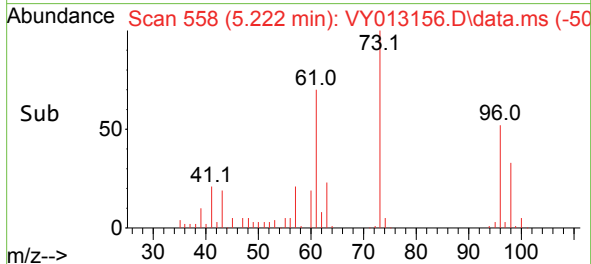
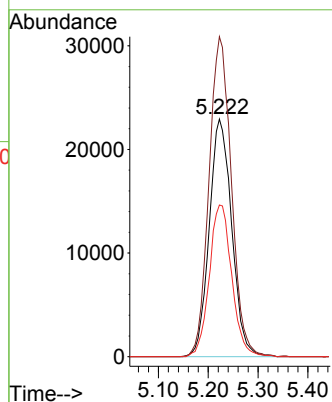
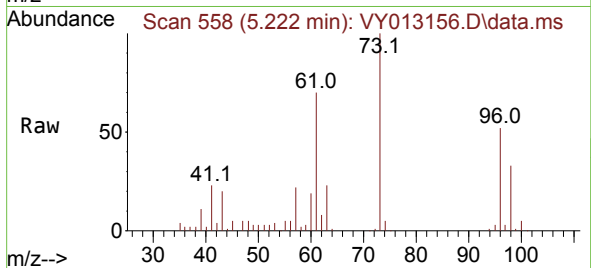
Tgt Ion: 96 Resp: 71859

Ion Ratio Lower Upper

96 100

61 134.6 111.4 167.0

98 63.8 50.8 76.2



#22

Diisopropyl ether

Concen: 48.093 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Tgt Ion: 45 Resp: 214193

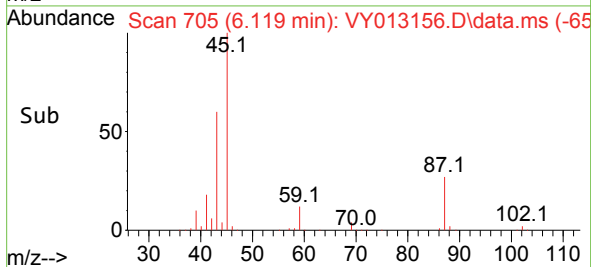
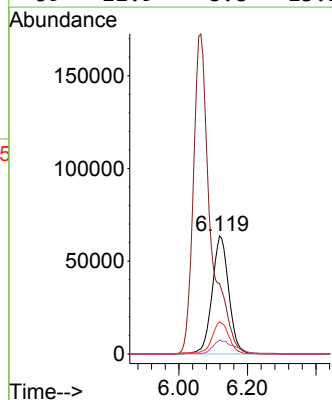
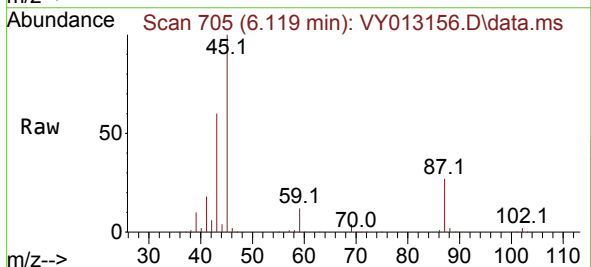
Ion Ratio Lower Upper

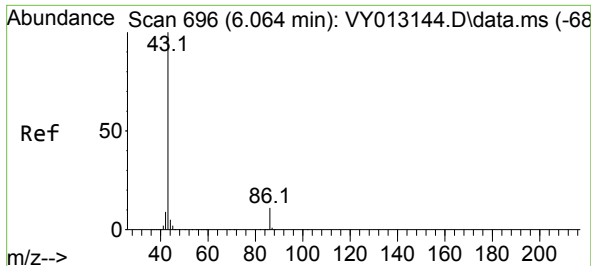
45 100

43 59.3 45.0 67.6

87 27.3 20.3 30.5

59 11.9 8.8 13.2

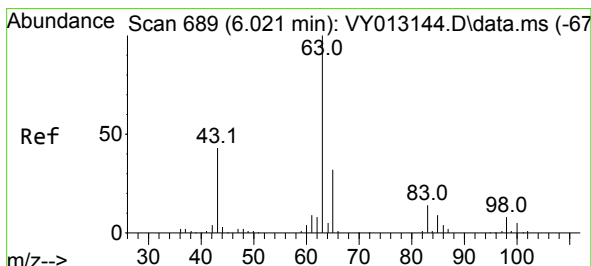
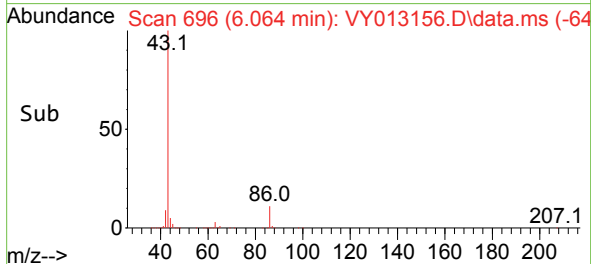
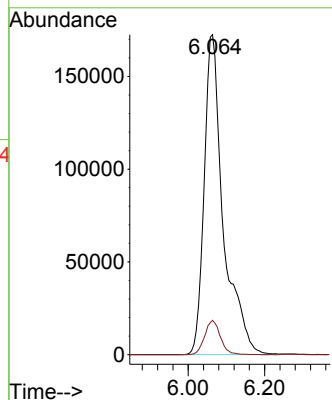
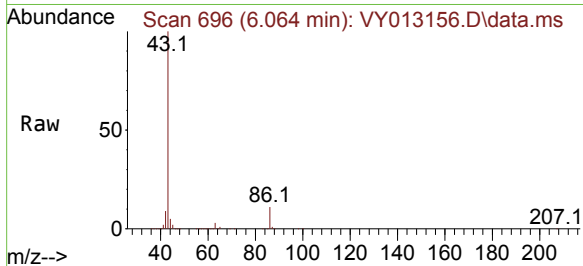




#23
 Vinyl Acetate
 Concen: 236.884 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY013156.D
 Acq: 31 Mar 2023 09:55

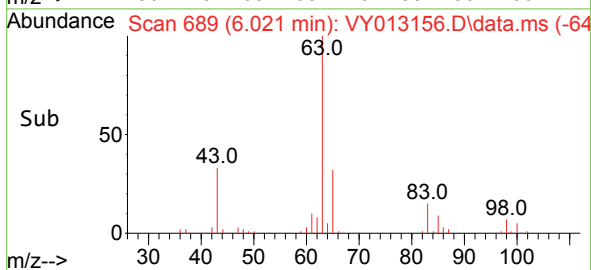
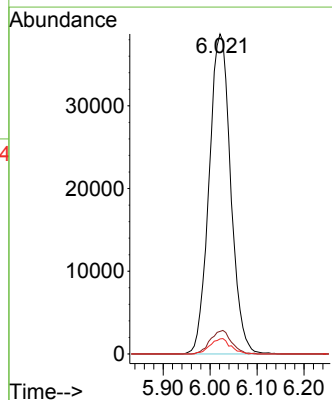
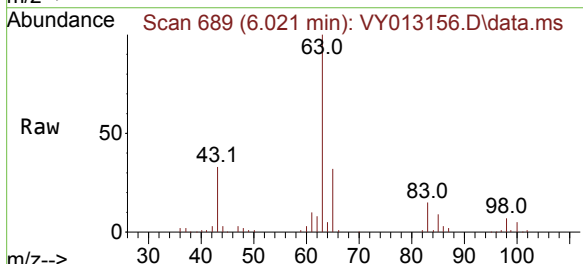
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

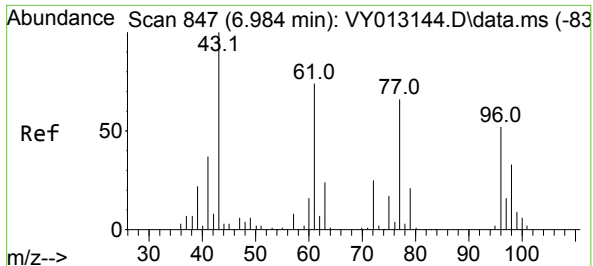
Tgt Ion: 43 Resp: 599952
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.836 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY013156.D
 Acq: 31 Mar 2023 09:55

Tgt Ion: 63 Resp: 123540
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 239.396 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

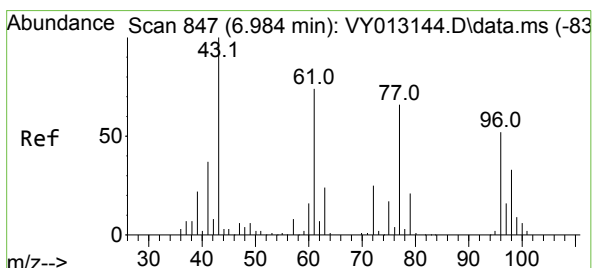
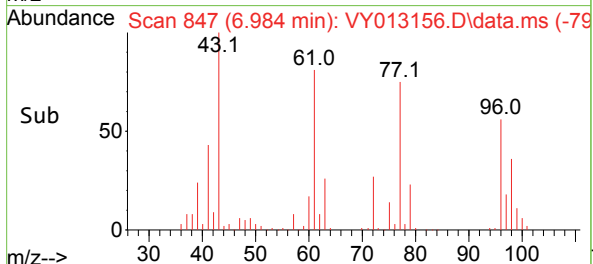
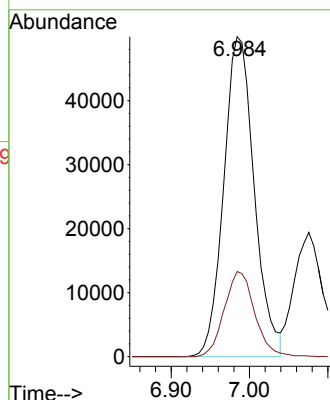
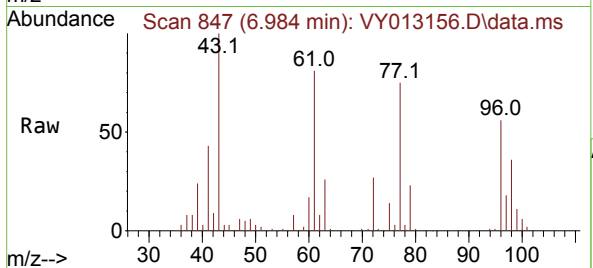
VSTDCCC050

Tgt Ion: 43 Resp: 135372

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.640 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013156.D

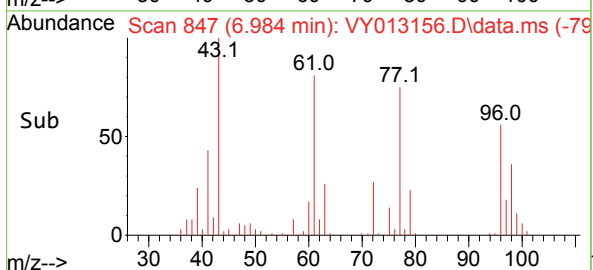
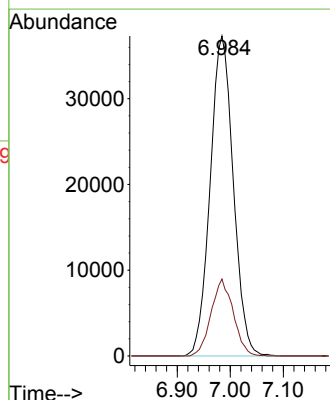
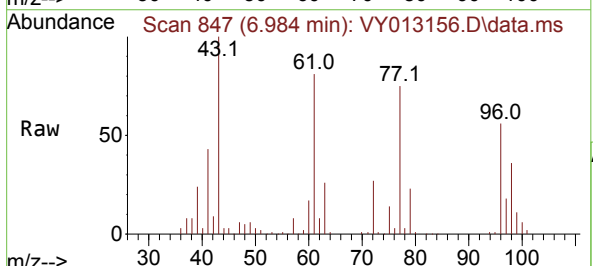
Acq: 31 Mar 2023 09:55

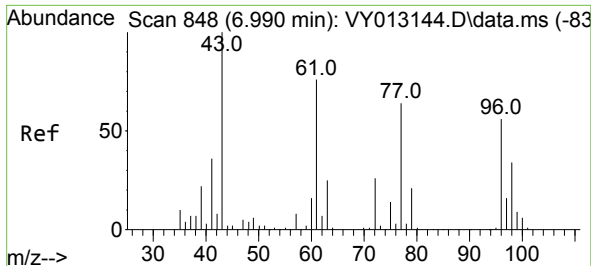
Tgt Ion: 77 Resp: 113025

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

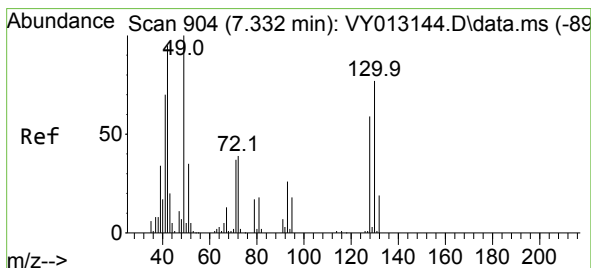
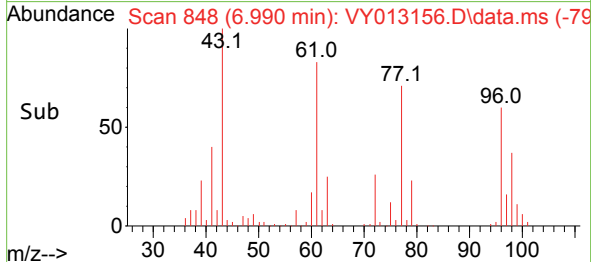
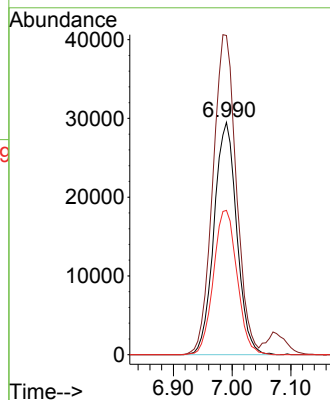
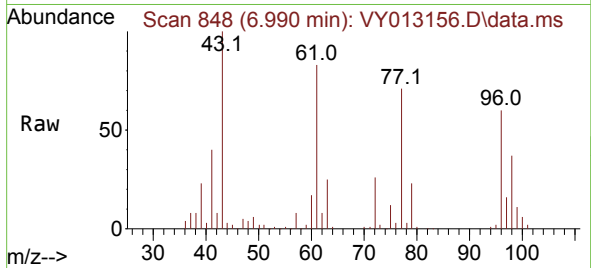




#27
 cis-1,2-Dichloroethene
 Concen: 48.837 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY013156.D
 Acq: 31 Mar 2023 09:55

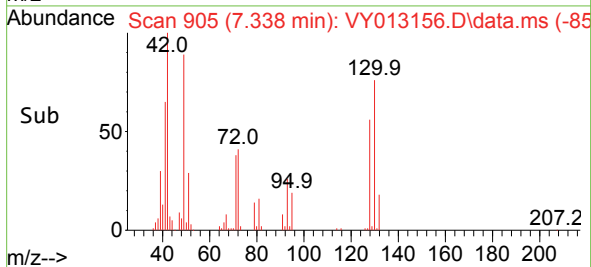
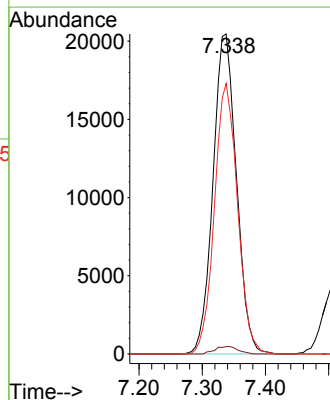
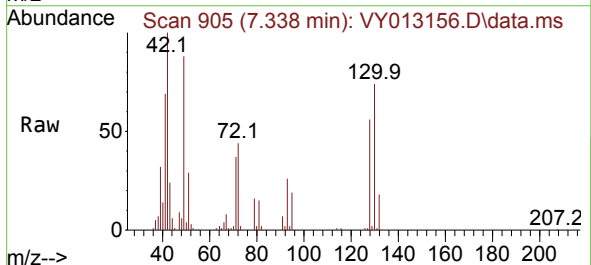
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

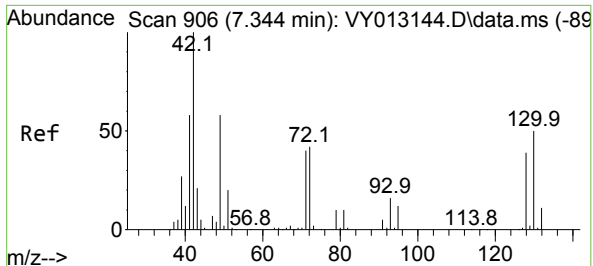
Tgt Ion: 96	Resp: 79311
Ion Ratio	Lower Upper
96 100	
61 142.2	0.0 295.8
98 64.6	0.0 130.2



#28
 Bromochloromethane
 Concen: 46.462 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY013156.D
 Acq: 31 Mar 2023 09:55

Tgt Ion: 49	Resp: 52587
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 4.2
130 83.3	60.5 90.7





#29

Tetrahydrofuran

Concen: 218.859 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

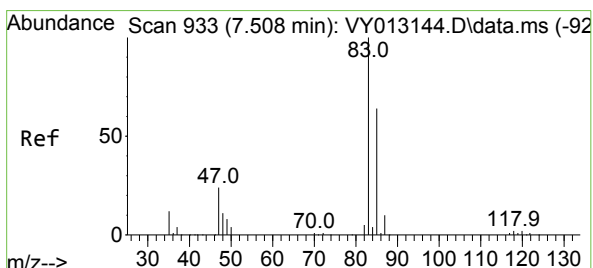
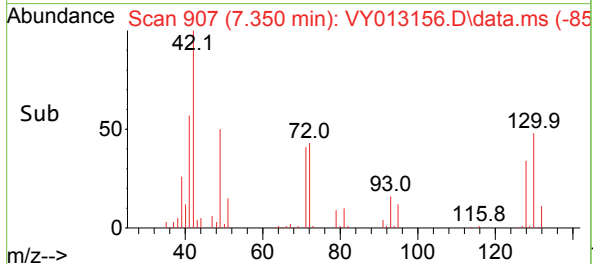
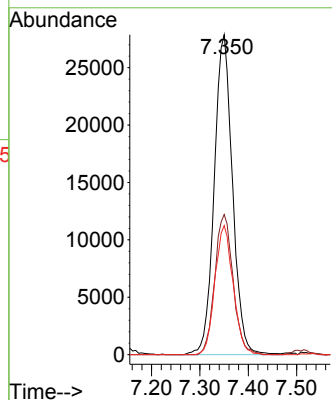
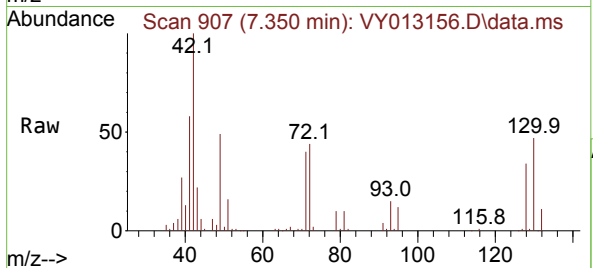
Tgt Ion: 42 Resp: 73261

Ion Ratio Lower Upper

42 100

72 43.8 32.3 48.5

71 40.2 30.3 45.5



#30

Chloroform

Concen: 47.101 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013156.D

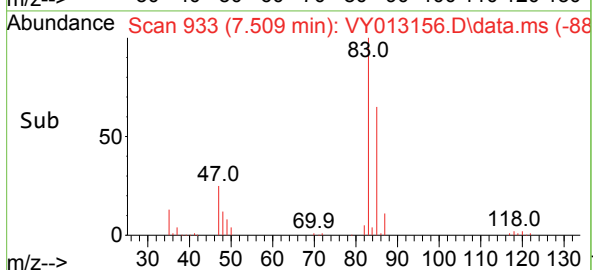
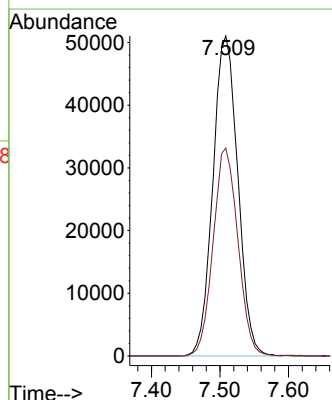
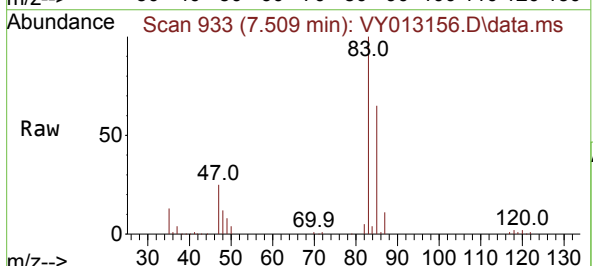
Acq: 31 Mar 2023 09:55

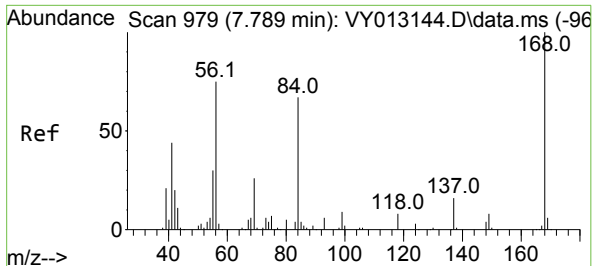
Tgt Ion: 83 Resp: 128654

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

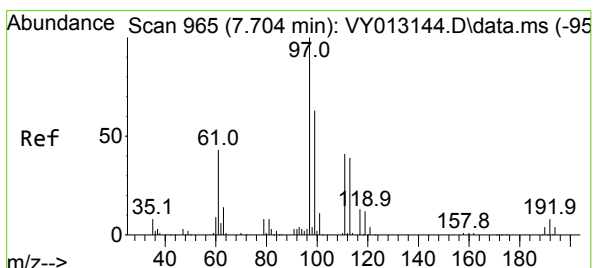
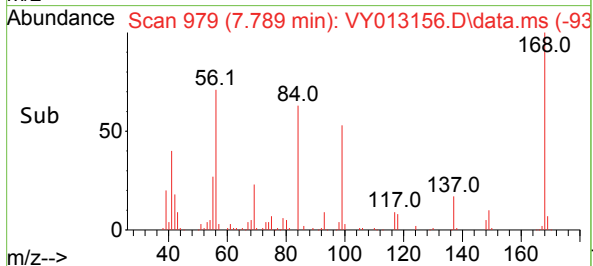
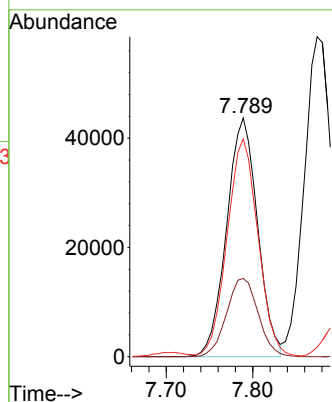
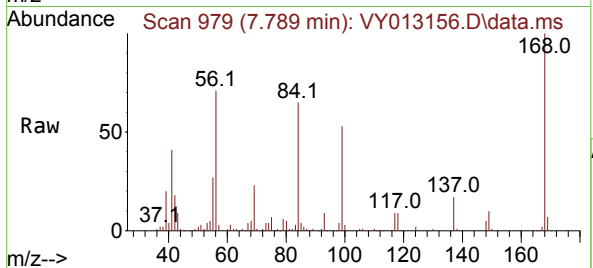




#31
Cyclohexane
Concen: 44.933 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

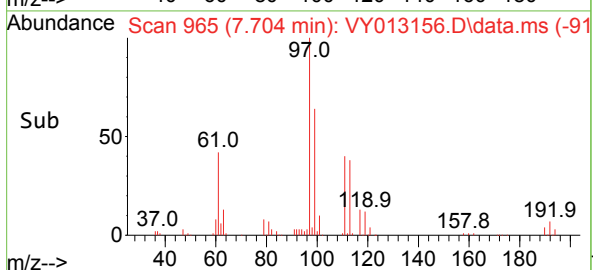
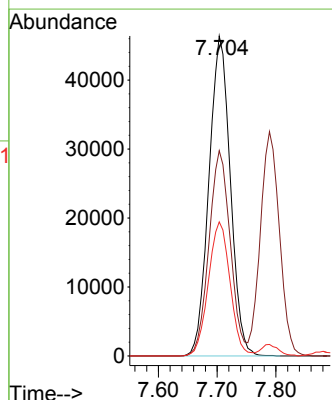
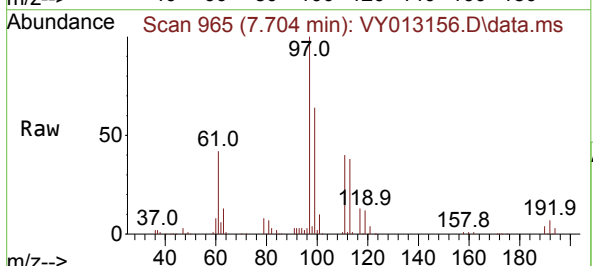
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

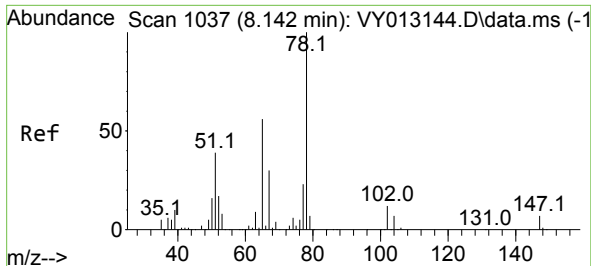
Tgt Ion: 56 Resp: 108486
Ion Ratio Lower Upper
56 100
69 32.8 25.7 38.5
84 89.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 48.528 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 97 Resp: 117197
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.670 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

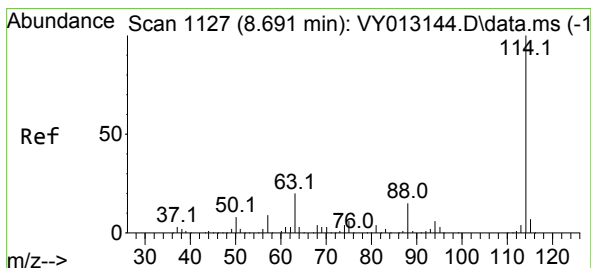
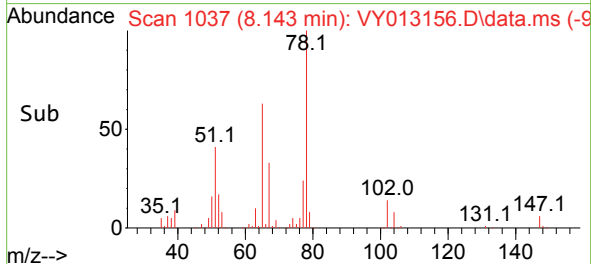
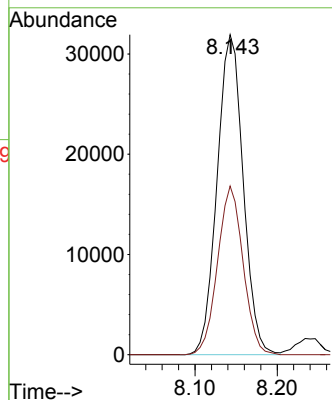
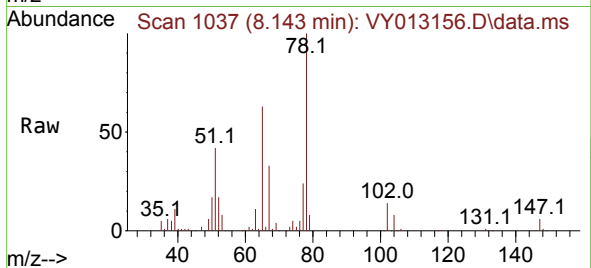
VSTDCCC050

Tgt Ion: 65 Resp: 70500

Ion Ratio Lower Upper

65 100

67 51.5 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: VY013156.D

Acq: 31 Mar 2023 09:55

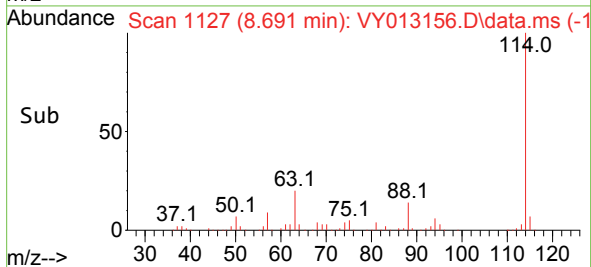
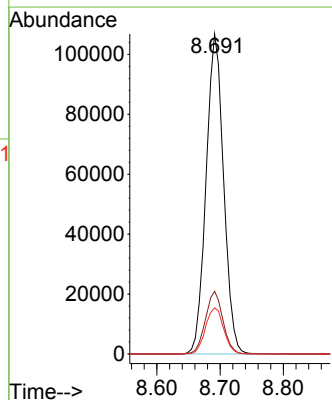
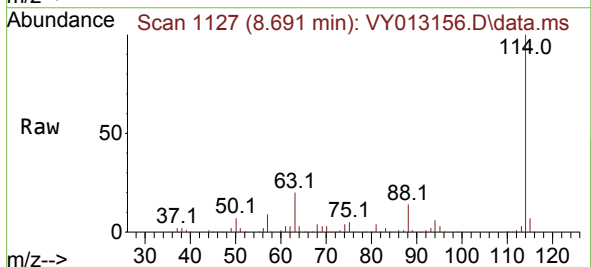
Tgt Ion: 114 Resp: 205965

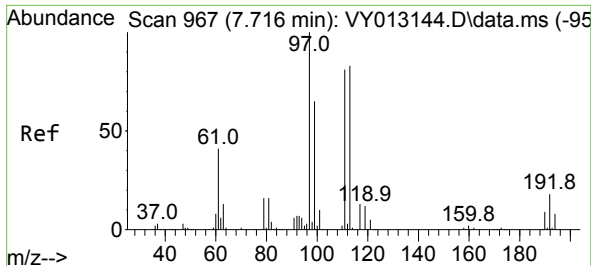
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.4 0.0 28.6

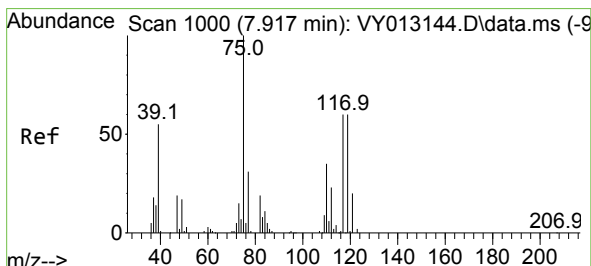
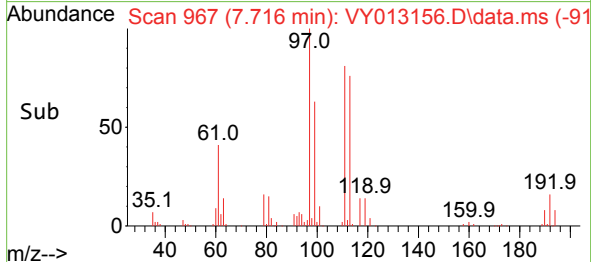
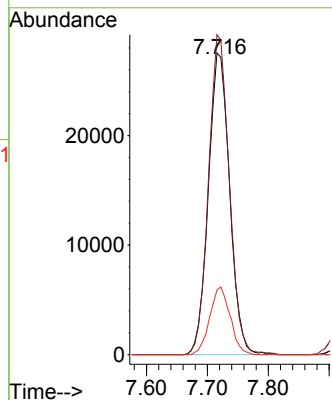
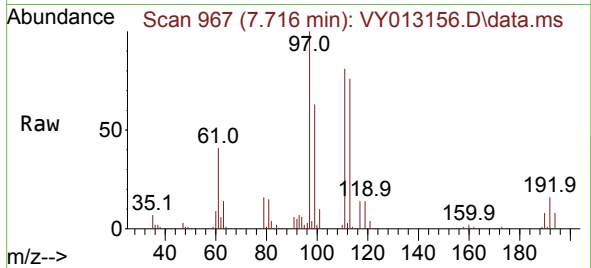




#35
Dibromofluoromethane
Concen: 49.610 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

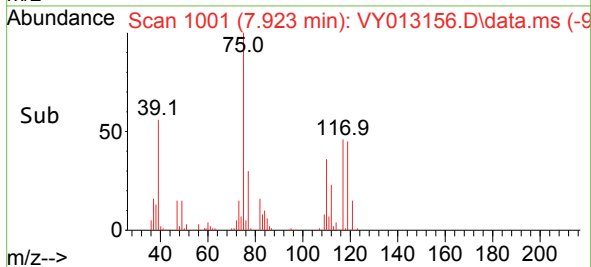
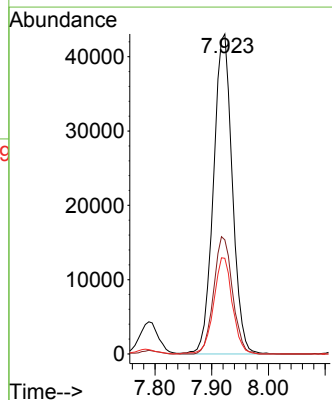
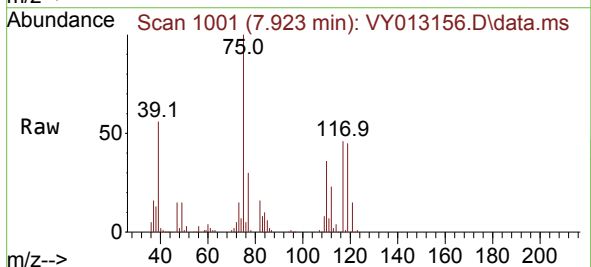
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

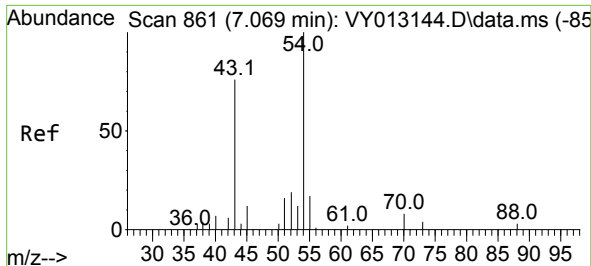
Tgt Ion:113 Resp: 66750
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 21.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.032 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 75 Resp: 99318
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 43.992 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

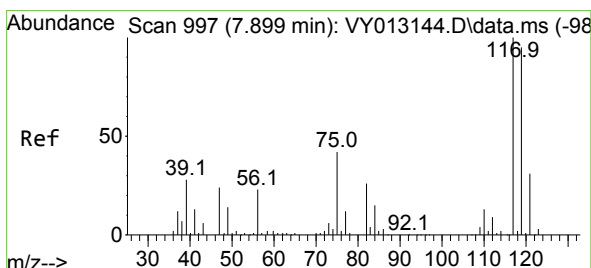
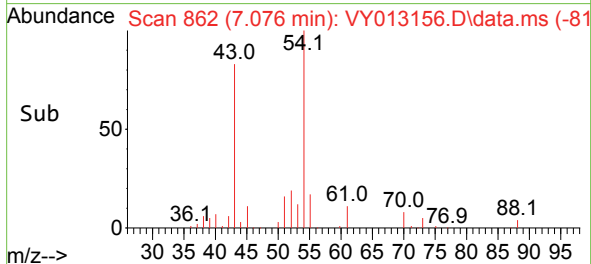
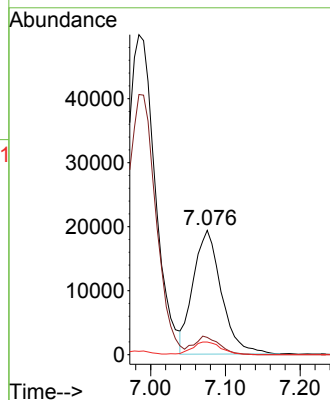
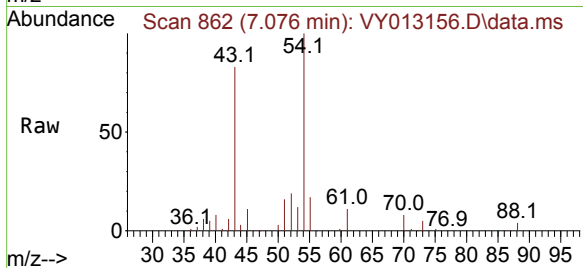
Tgt Ion: 43 Resp: 50619

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.694 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

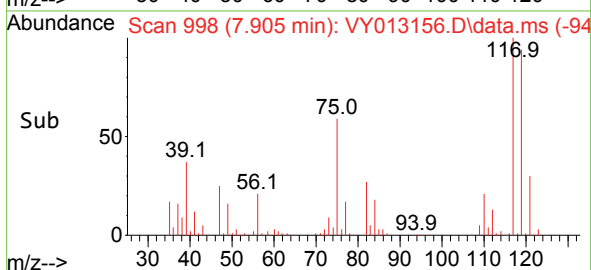
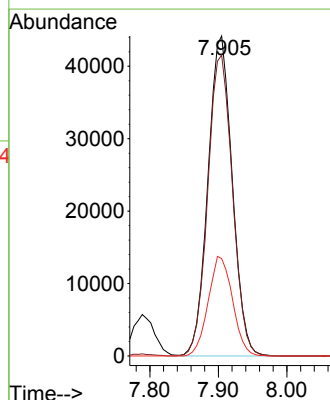
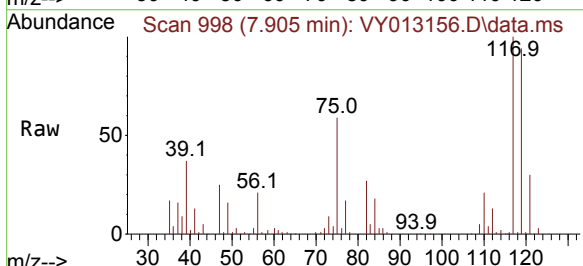
Tgt Ion: 117 Resp: 108830

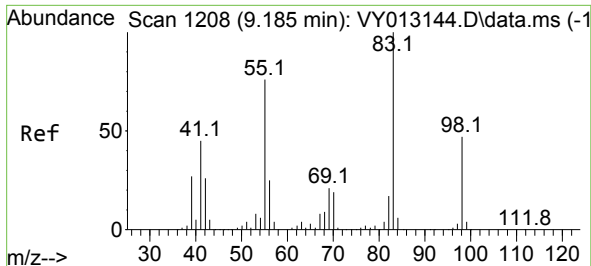
Ion Ratio Lower Upper

117 100

119 94.0 77.2 115.8

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 49.584 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

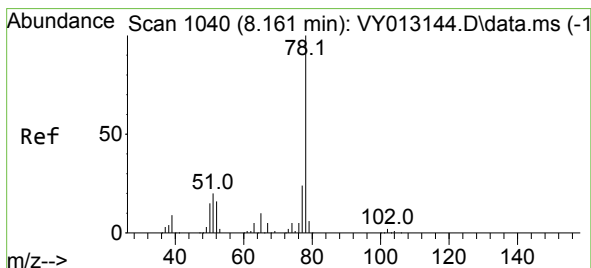
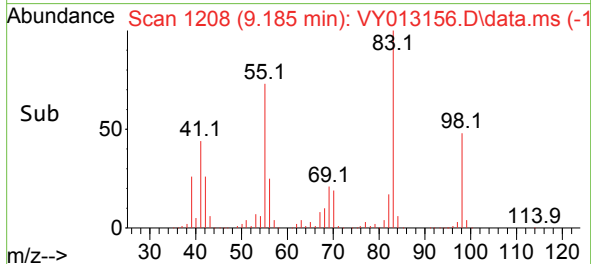
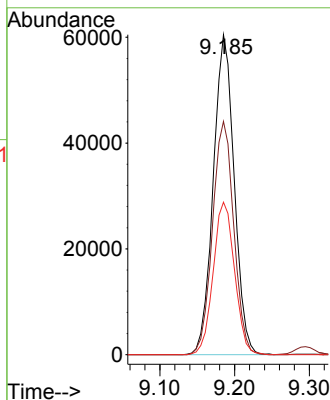
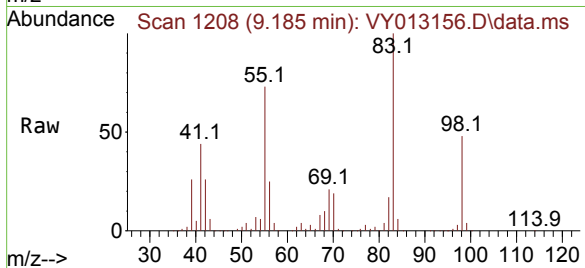
Tgt Ion: 83 Resp: 117830

Ion Ratio Lower Upper

83 100

55 72.9 60.0 90.0

98 47.7 38.3 57.5



#40

Benzene

Concen: 48.113 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013156.D

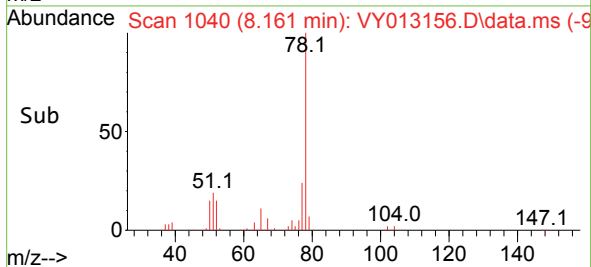
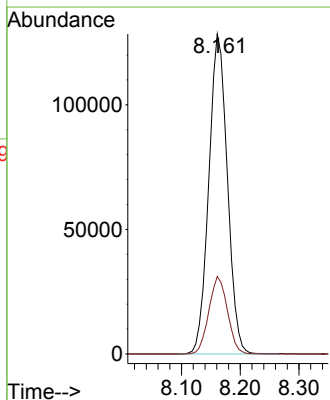
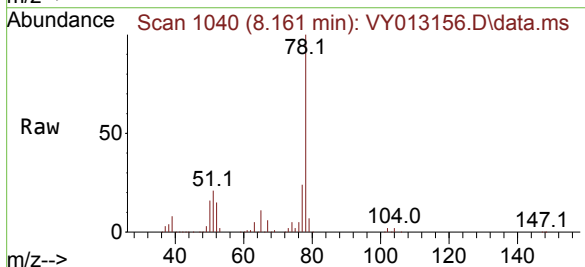
Acq: 31 Mar 2023 09:55

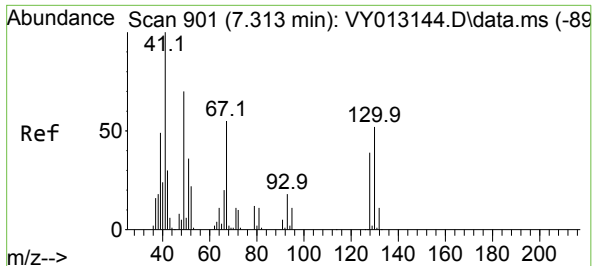
Tgt Ion: 78 Resp: 281479

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

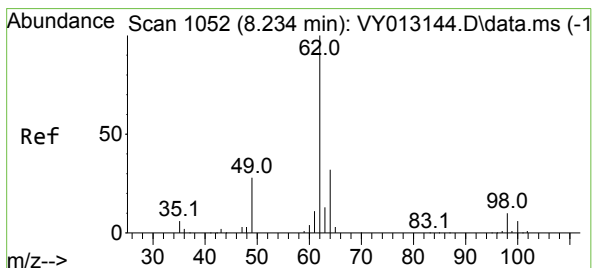
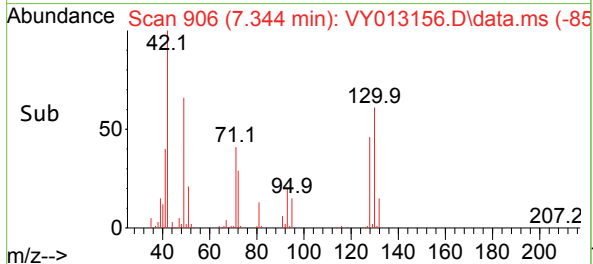
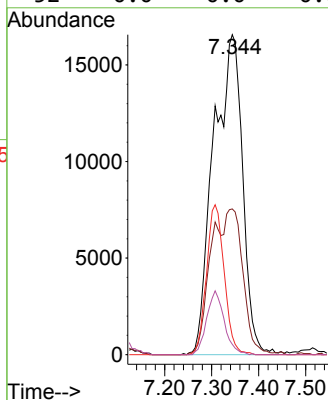
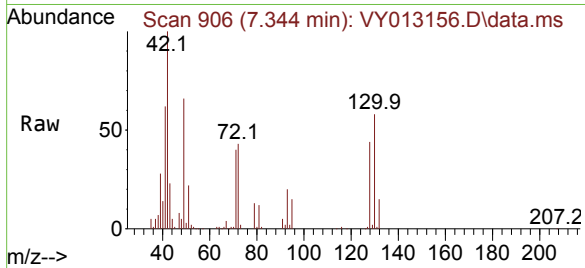




#41
Methacrylonitrile
Concen: 138.413 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

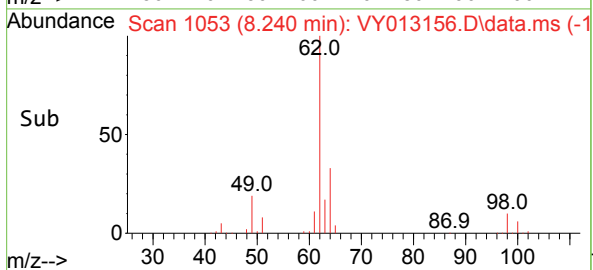
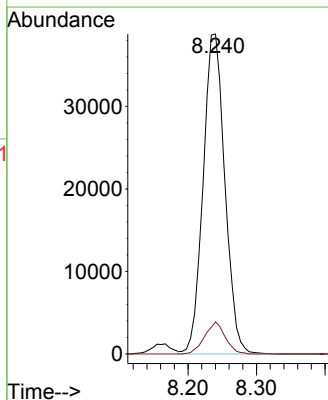
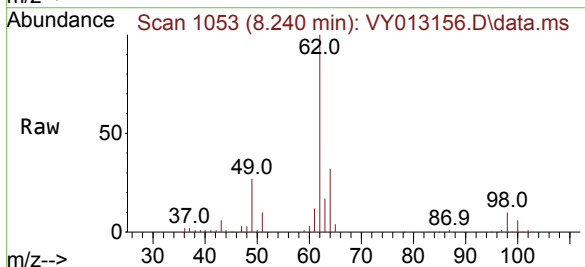
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

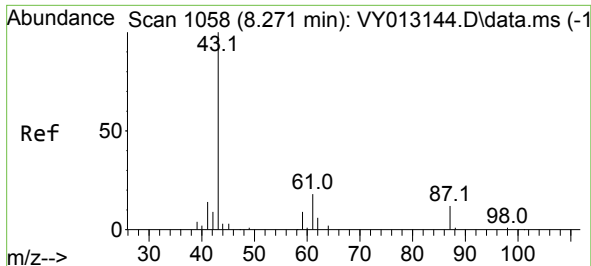
Tgt Ion: 41 Resp: 70655
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.757 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 62 Resp: 85601
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

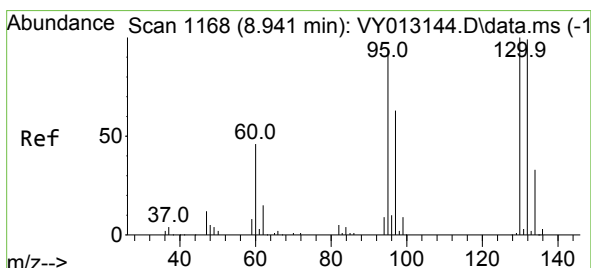
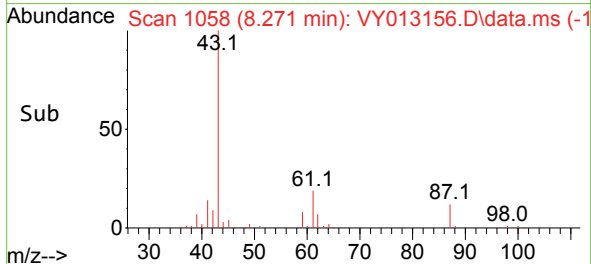
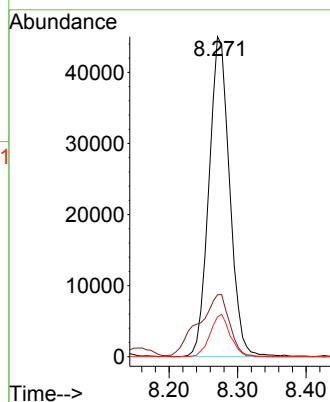
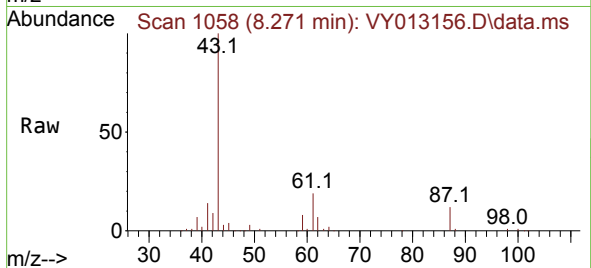




#43
Isopropyl Acetate
Concen: 45.811 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

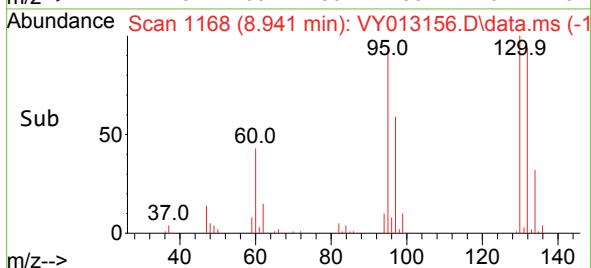
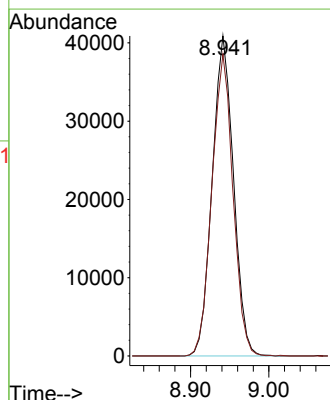
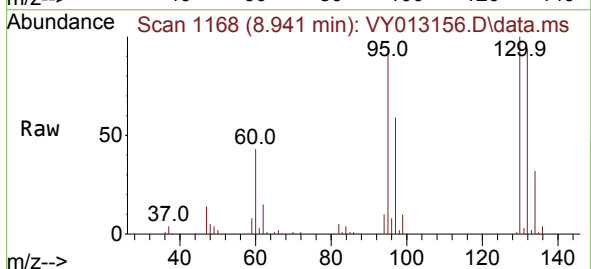
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

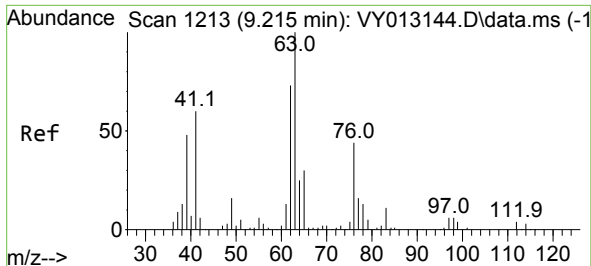
Tgt Ion: 43 Resp: 94353
Ion Ratio Lower Upper
43 100
61 29.1 21.6 32.4
87 12.8 9.9 14.9



#44
Trichloroethene
Concen: 47.890 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion:130 Resp: 77128
Ion Ratio Lower Upper
130 100
95 94.2 0.0 185.0





#45

1,2-Dichloropropane

Concen: 46.807 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

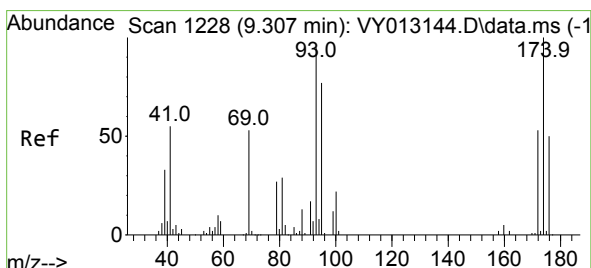
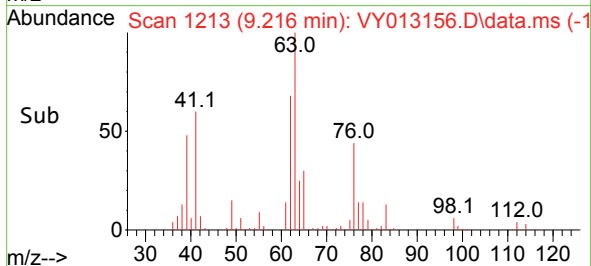
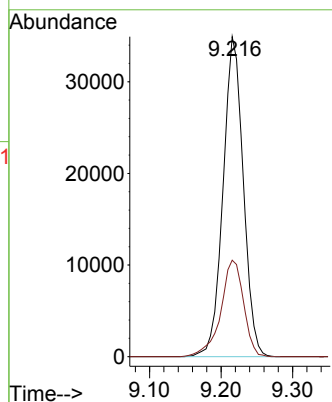
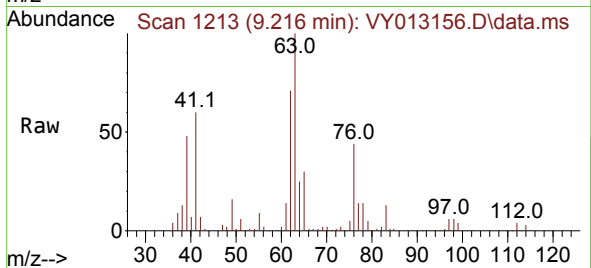
VSTDCCC050

Tgt Ion: 63 Resp: 68572

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 47.278 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

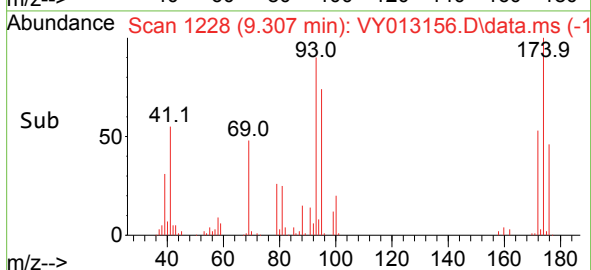
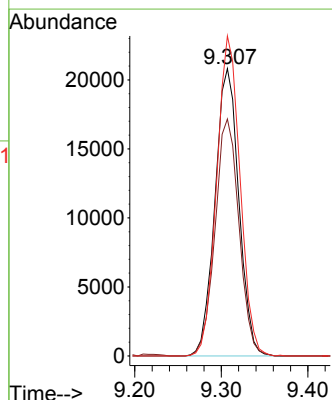
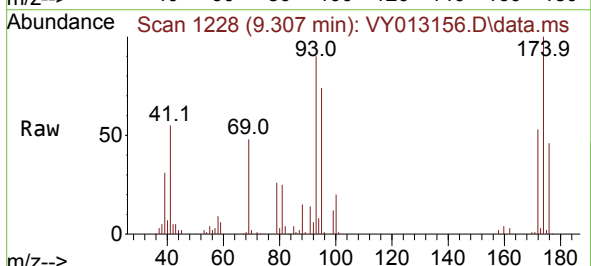
Tgt Ion: 93 Resp: 39788

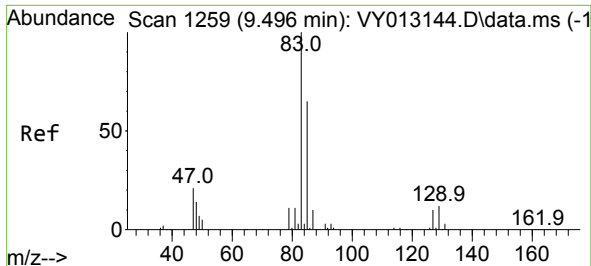
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 109.4 81.3 121.9

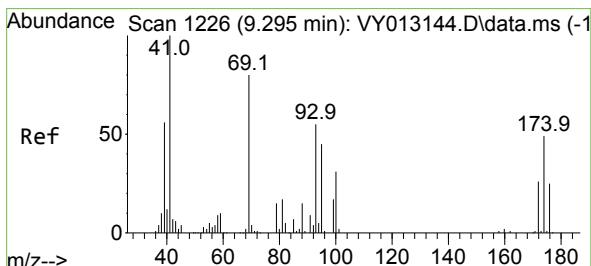
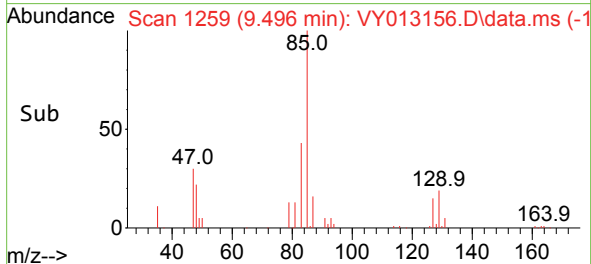
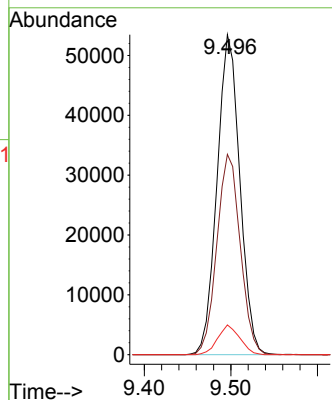
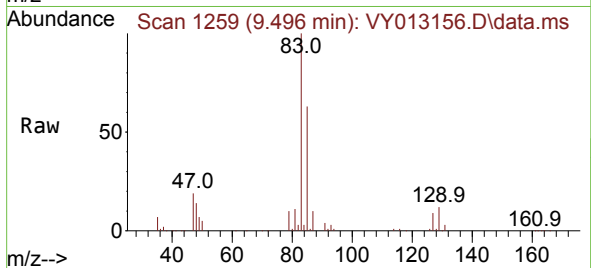




#47
Bromodichloromethane
Concen: 48.140 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

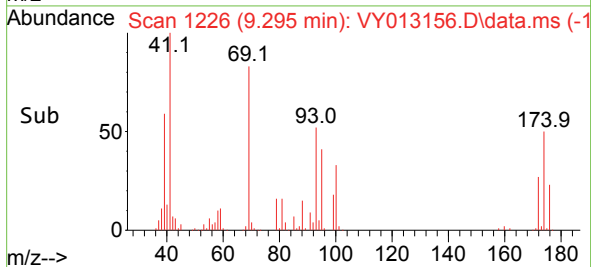
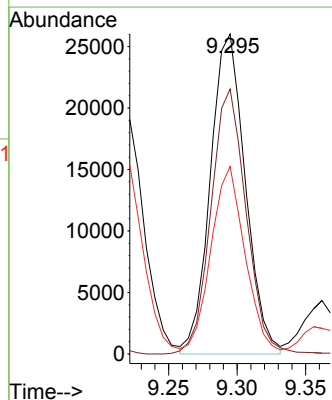
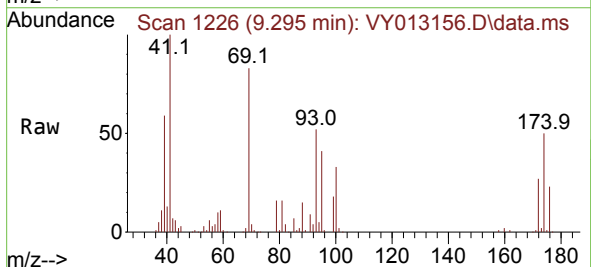
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

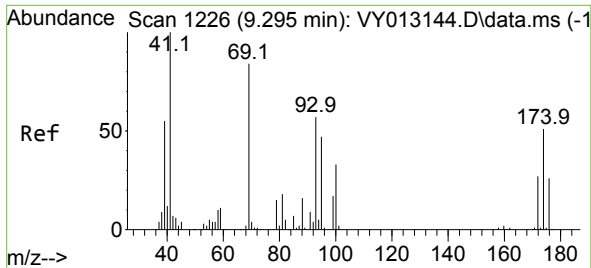
Tgt Ion: 83 Resp: 97755
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 48.149 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 41 Resp: 46186
Ion Ratio Lower Upper
41 100
69 83.2 64.1 96.1
39 54.7 44.0 66.0





#49

1,4-Dioxane

Concen: 997.625 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

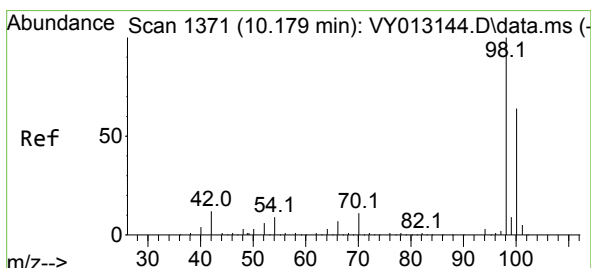
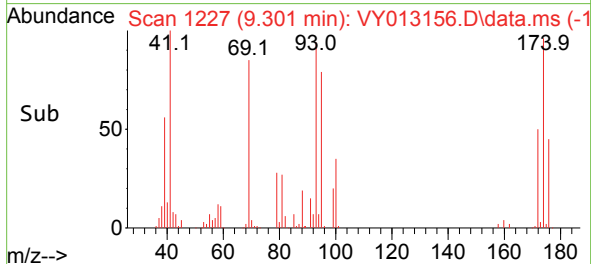
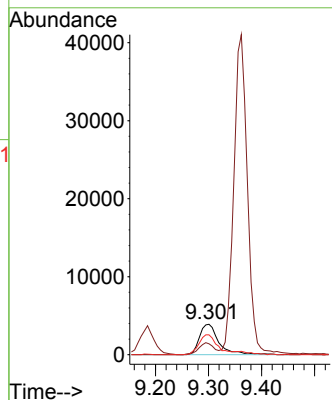
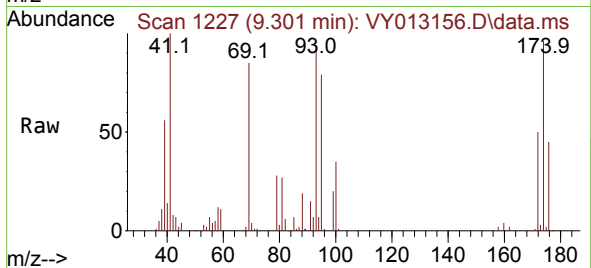
Tgt Ion: 88 Resp: 9988

Ion Ratio Lower Upper

88 100

43 30.1 28.6 42.8

58 60.9 55.2 82.8



#50

Toluene-d8

Concen: 50.428 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013156.D

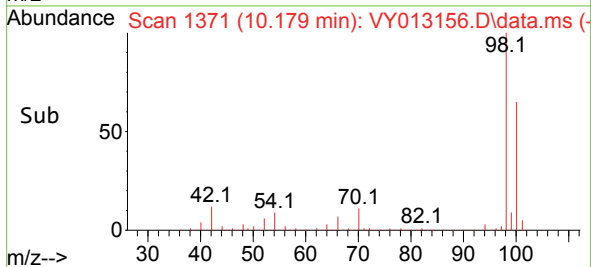
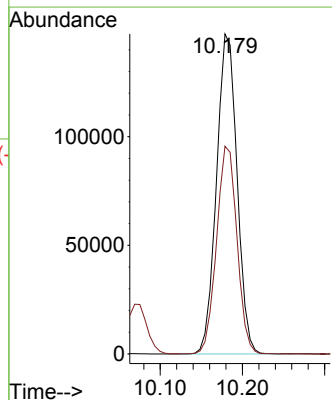
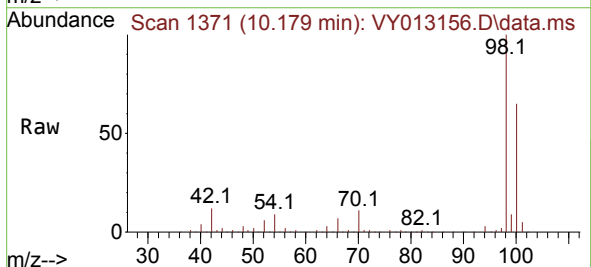
Acq: 31 Mar 2023 09:55

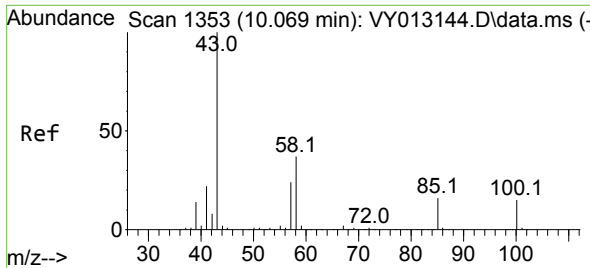
Tgt Ion: 98 Resp: 256150

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3

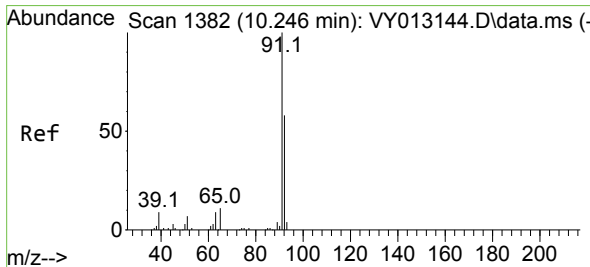
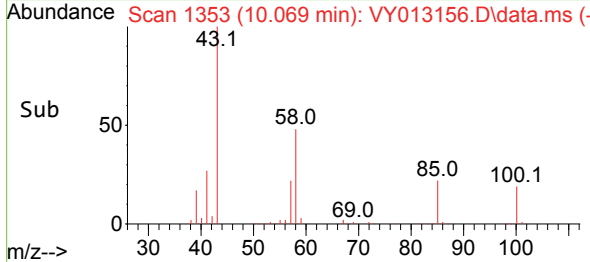
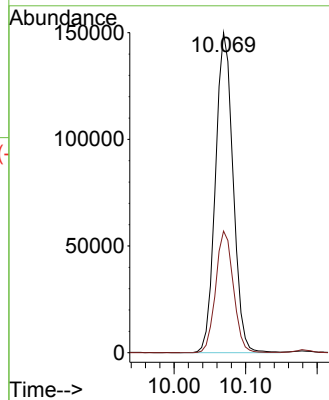
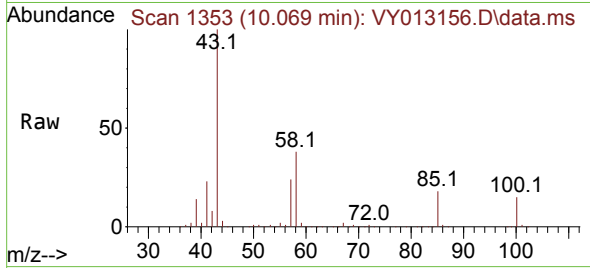




#51
4-Methyl-2-Pentanone
Concen: 230.912 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

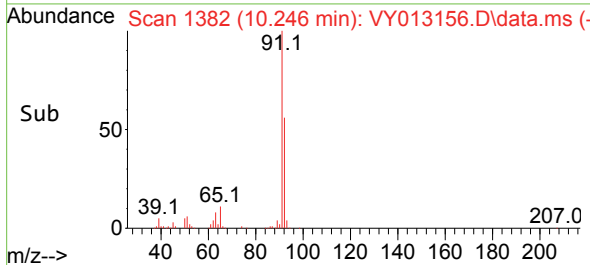
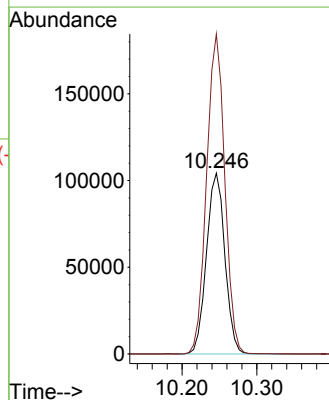
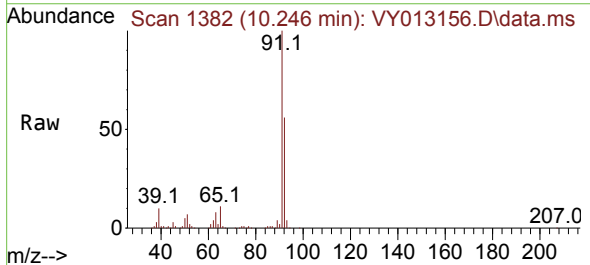
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

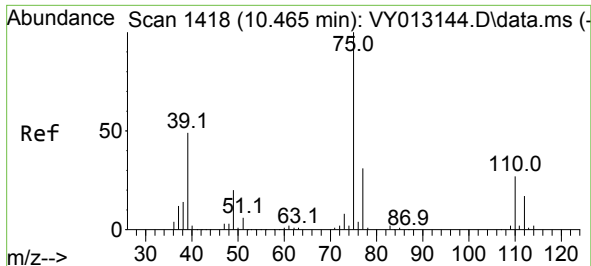
Tgt Ion: 43 Resp: 256674
Ion Ratio Lower Upper
43 100
58 38.2 29.8 44.6



#52
Toluene
Concen: 49.010 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 92 Resp: 177860
Ion Ratio Lower Upper
92 100
91 175.1 141.3 211.9

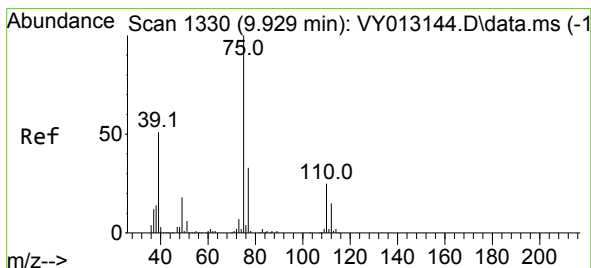
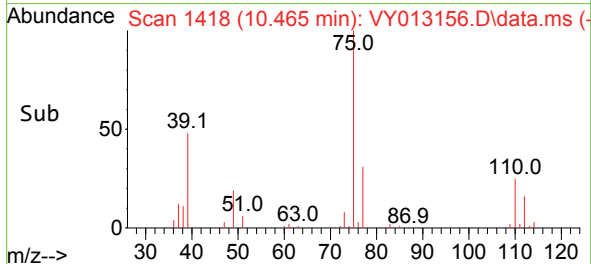
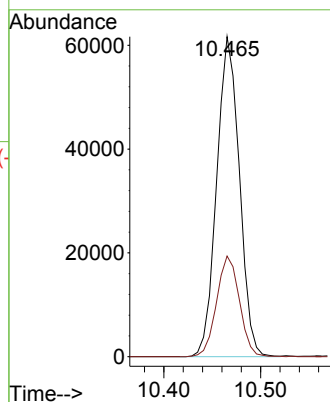
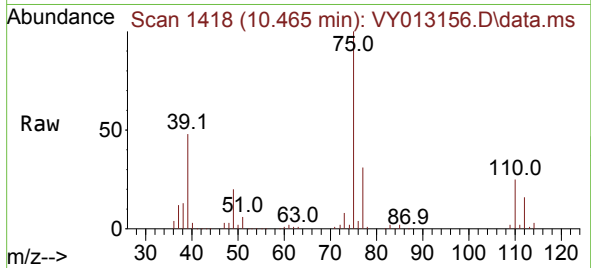




#53
 t-1,3-Dichloropropene
 Concen: 48.351 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013156.D
 Acq: 31 Mar 2023 09:55

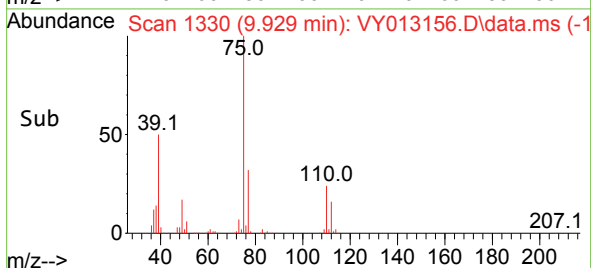
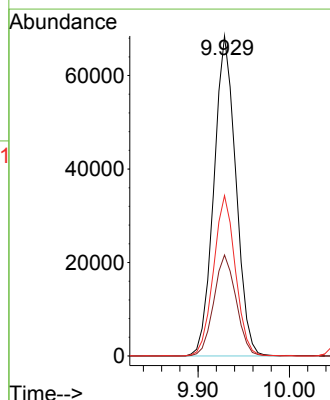
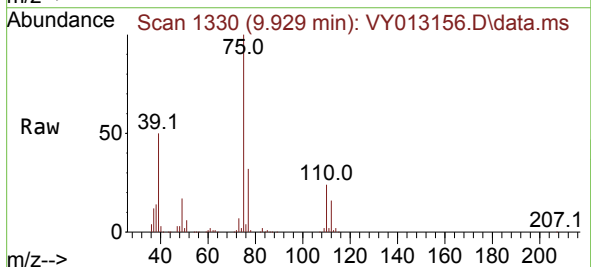
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

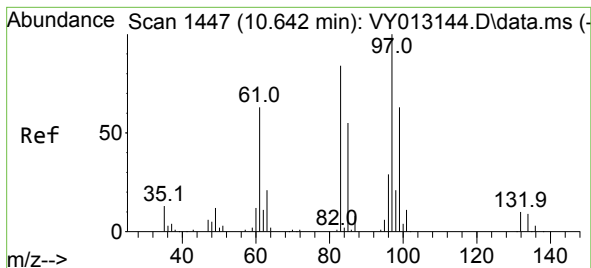
Tgt Ion: 75 Resp: 100355
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.221 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013156.D
 Acq: 31 Mar 2023 09:55

Tgt Ion: 75 Resp: 114307
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 50.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 47.505 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 55263

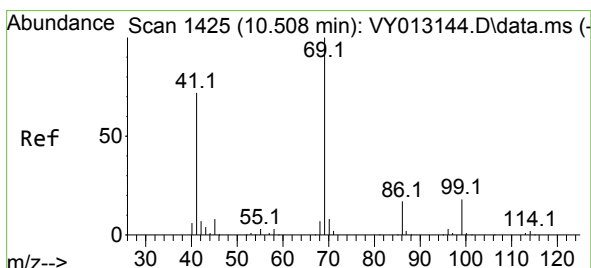
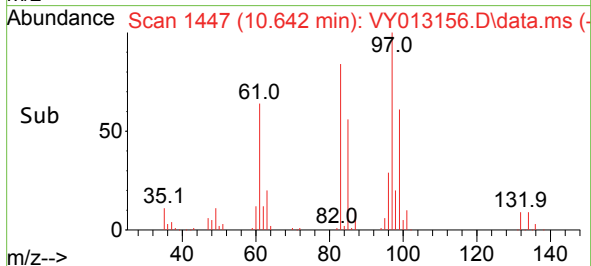
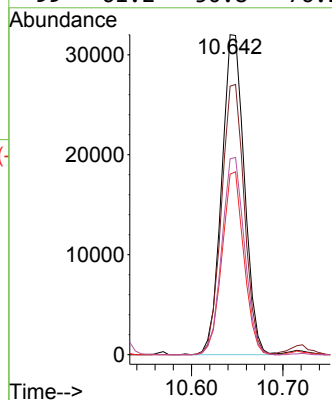
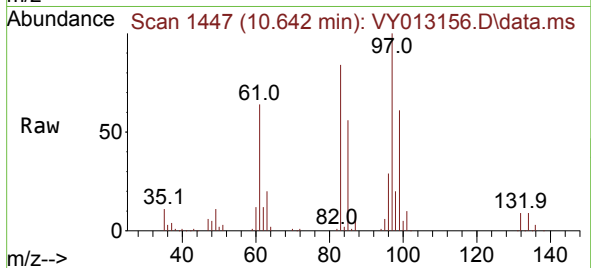
Ion Ratio Lower Upper

97 100

83 83.9 69.0 103.6

85 56.4 44.9 67.3

99 61.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 49.158 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

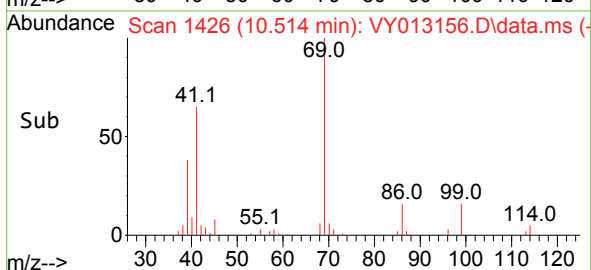
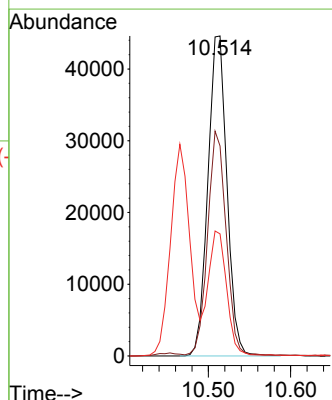
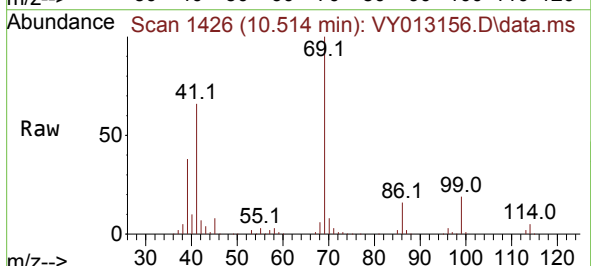
Tgt Ion: 69 Resp: 71899

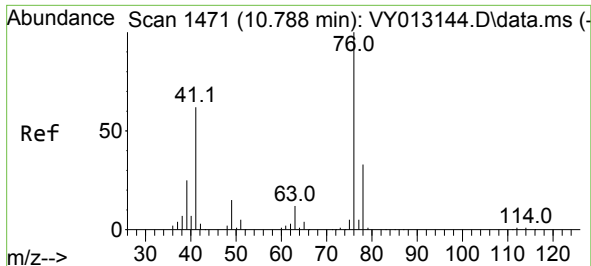
Ion Ratio Lower Upper

69 100

41 67.8 56.4 84.6

39 37.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 47.744 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

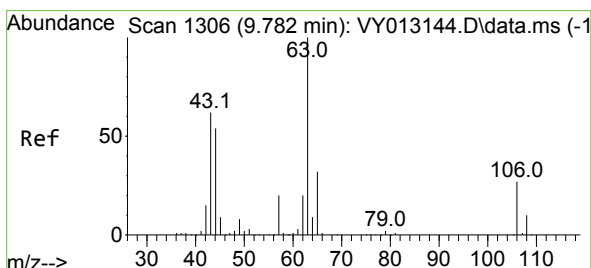
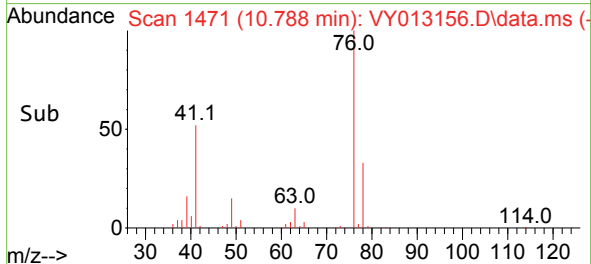
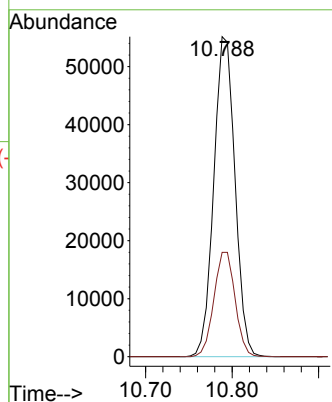
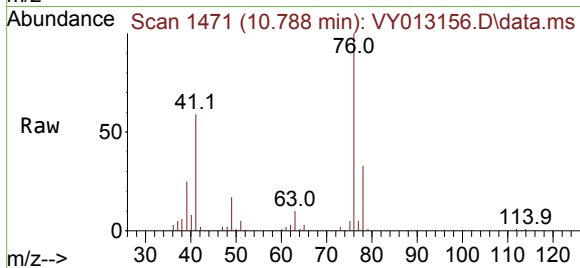
VSTDCCC050

Tgt Ion: 76 Resp: 93762

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 234.663 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013156.D

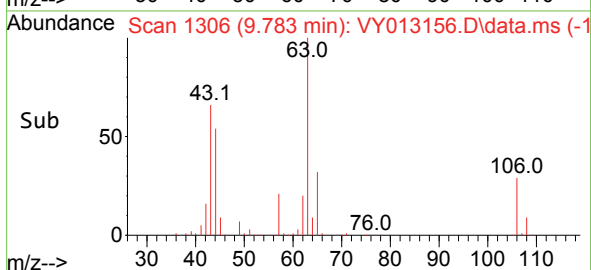
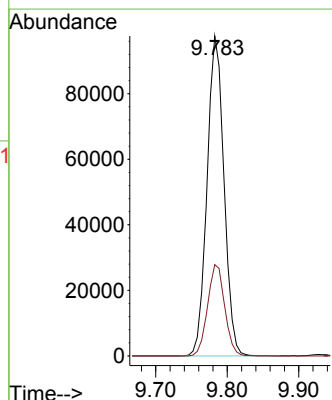
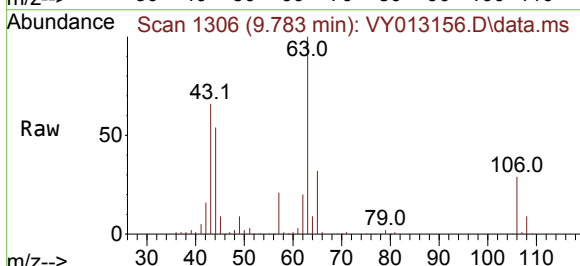
Acq: 31 Mar 2023 09:55

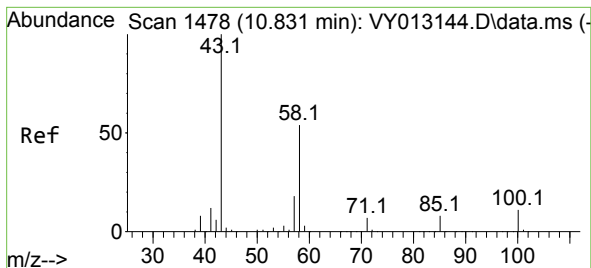
Tgt Ion: 63 Resp: 160485

Ion Ratio Lower Upper

63 100

106 28.9 22.1 33.1

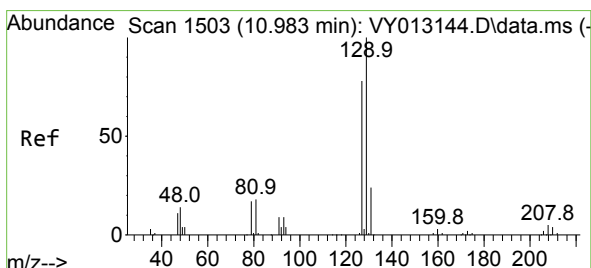
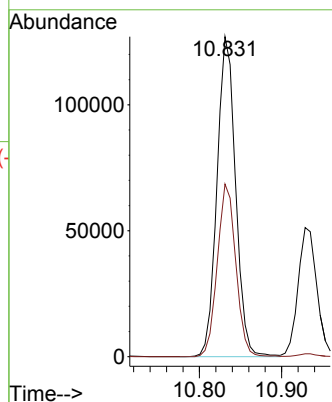
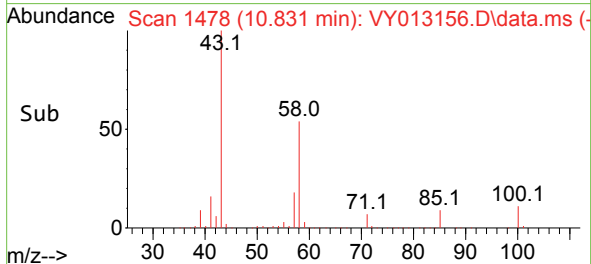
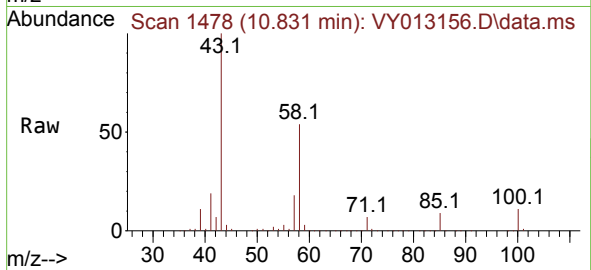




#59
2-Hexanone
Concen: 248.377 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

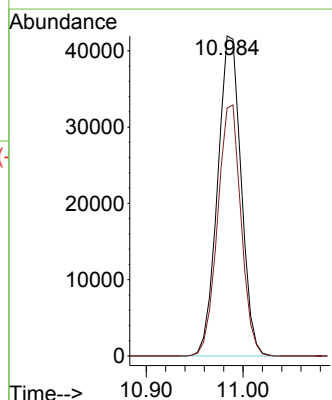
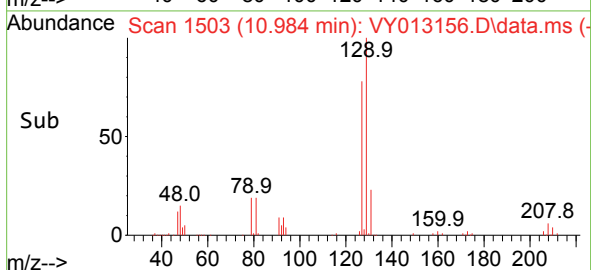
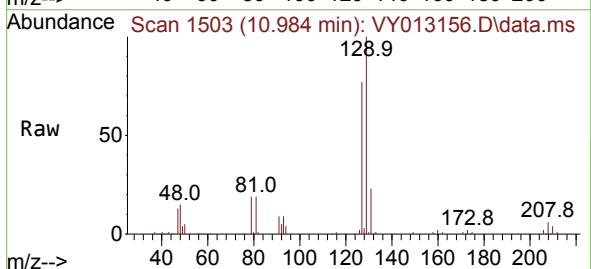
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

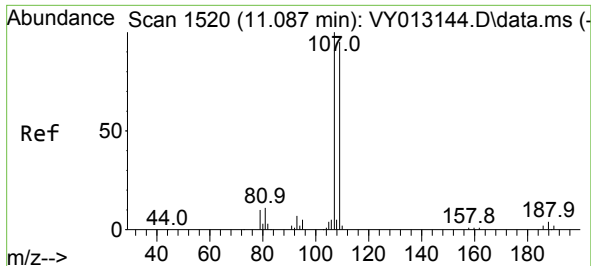
Tgt Ion: 43 Resp: 199673
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 48.353 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 129 Resp: 70648
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

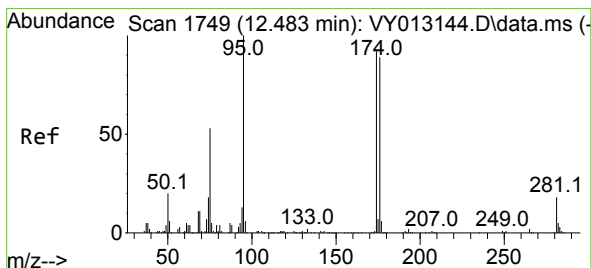
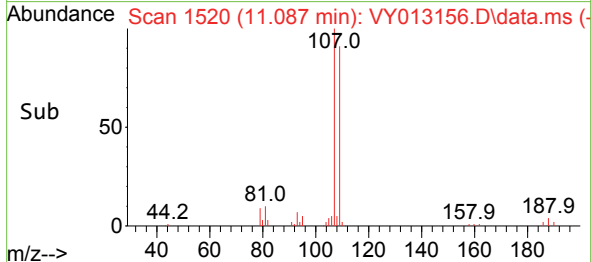
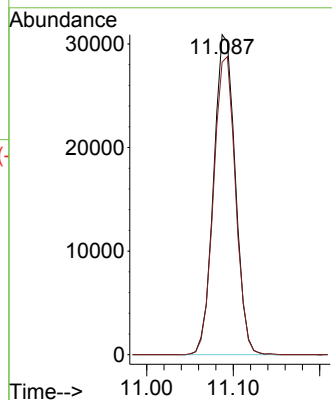
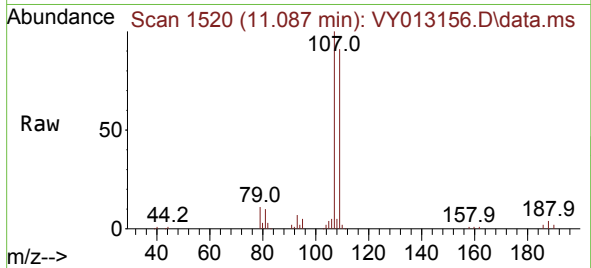




#61
1,2-Dibromoethane
Concen: 47.410 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

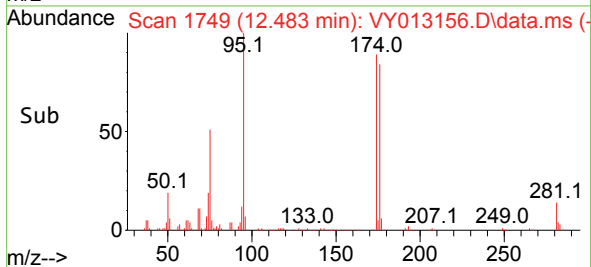
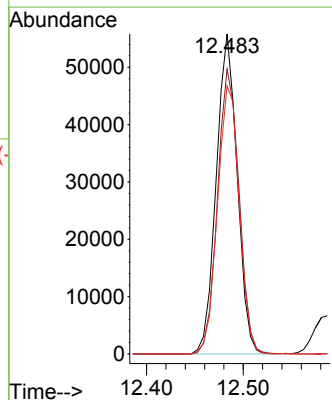
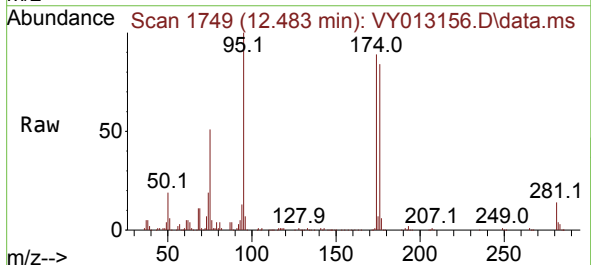
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

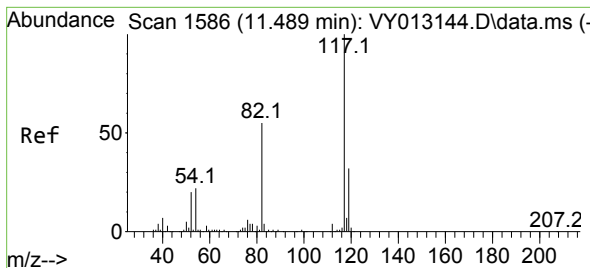
Tgt Ion:107 Resp: 53437
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.586 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 95 Resp: 83638
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.6
176 87.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

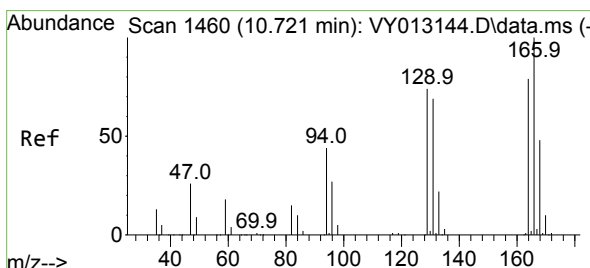
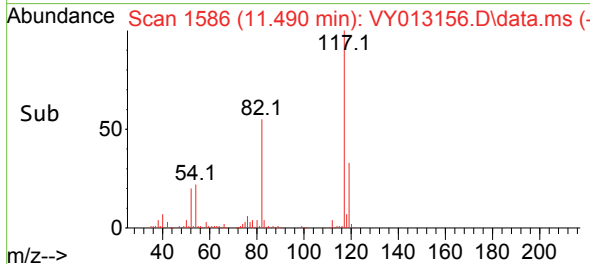
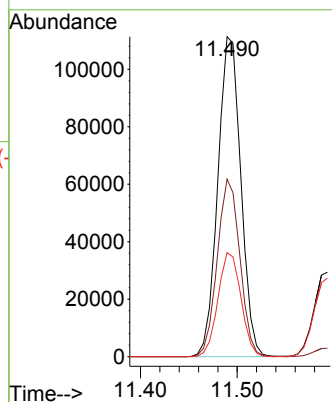
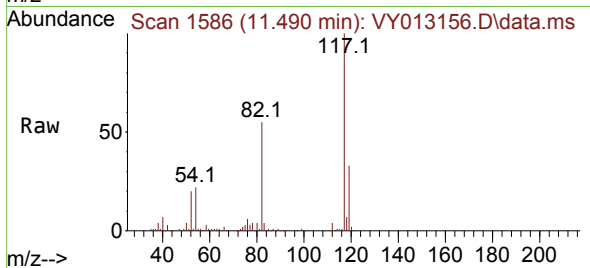
Tgt Ion:117 Resp: 183856

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 48.227 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Tgt Ion:164 Resp: 68167

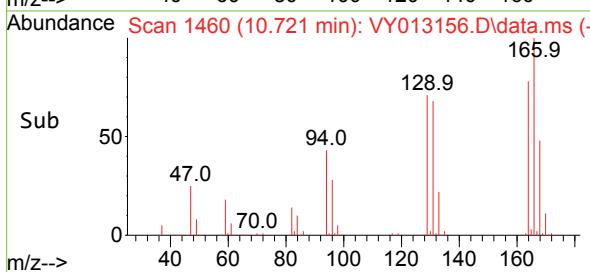
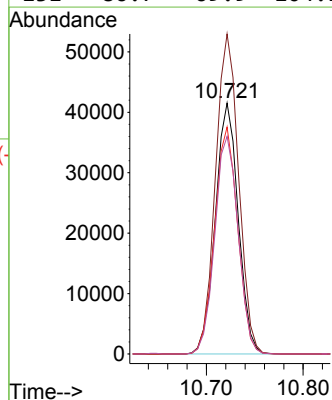
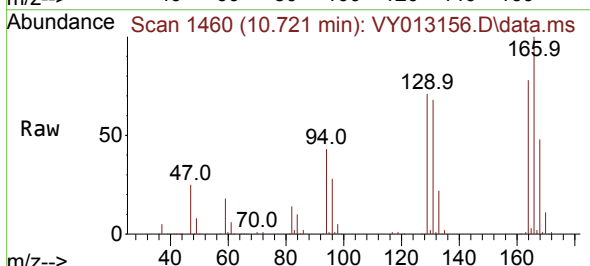
Ion Ratio Lower Upper

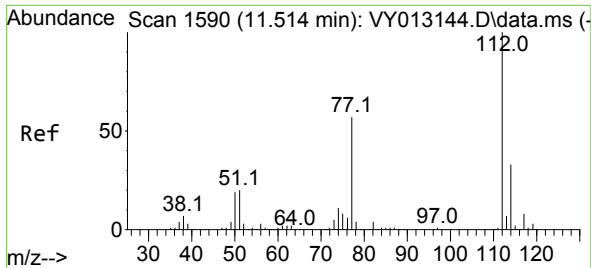
164 100

166 127.6 103.4 155.2

129 90.4 71.4 107.2

131 86.7 69.9 104.9

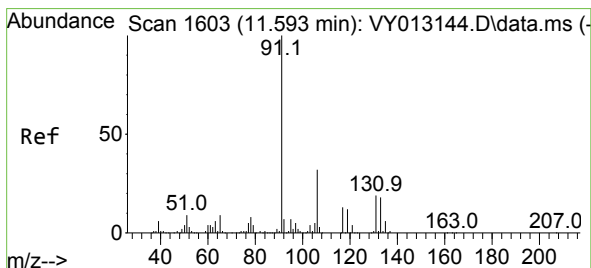
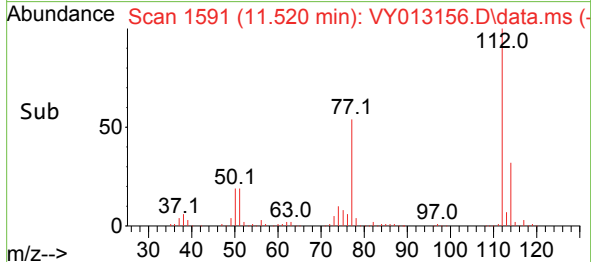
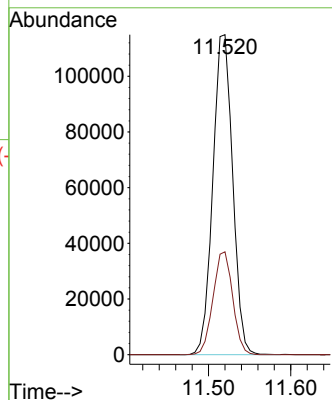
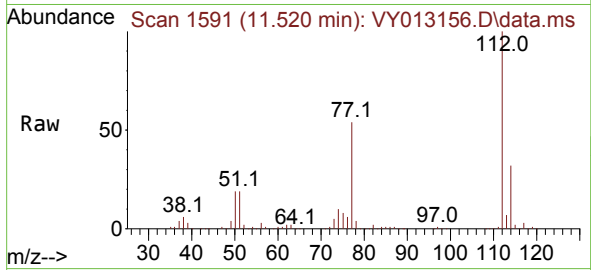




#65
Chlorobenzene
Concen: 49.290 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

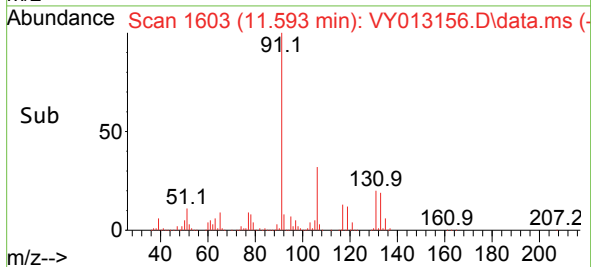
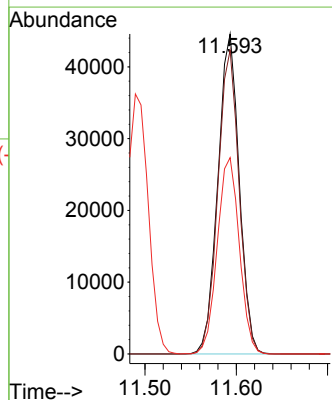
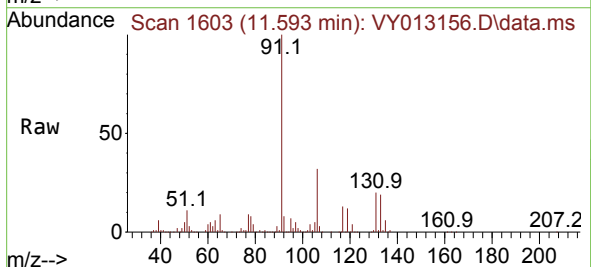
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

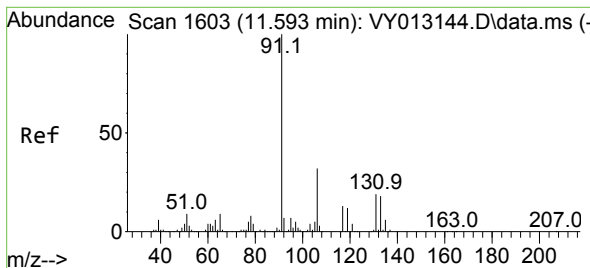
Tgt Ion:112 Resp: 192384
Ion Ratio Lower Upper
112 100
114 32.2 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.473 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion:131 Resp: 72393
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.0
119 63.5 32.6 98.0





#67

Ethyl Benzene

Concen: 50.483 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

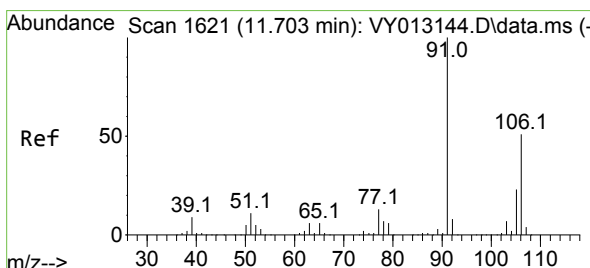
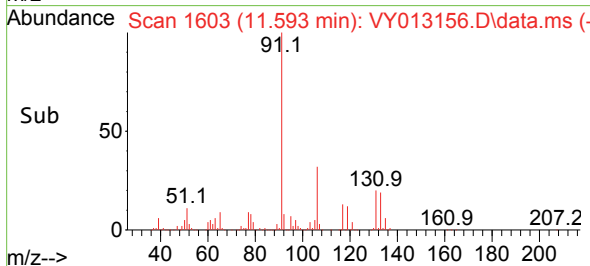
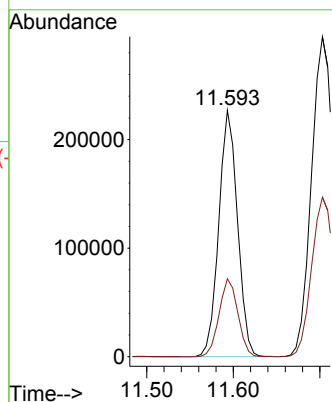
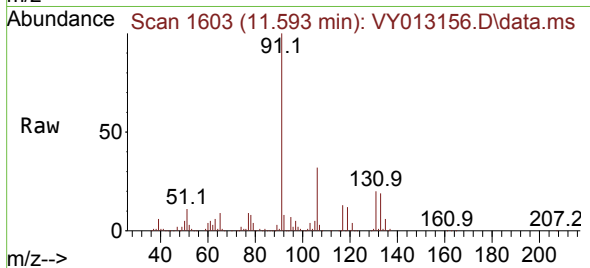
VSTDCCC050

Tgt Ion: 91 Resp: 340316

Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



#68

m/p-Xylenes

Concen: 102.365 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013156.D

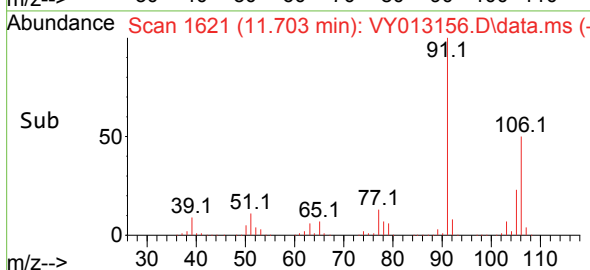
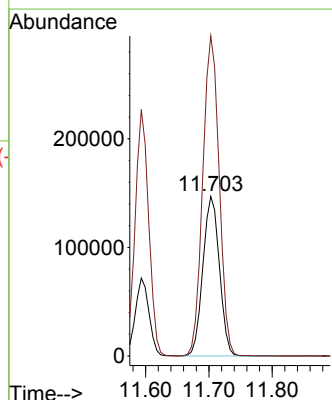
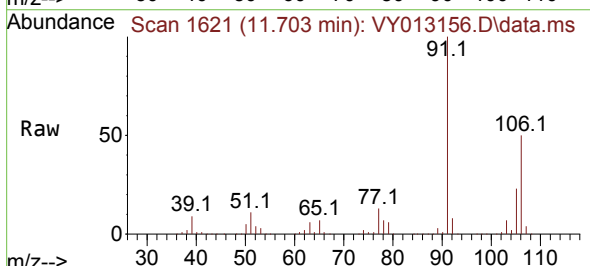
Acq: 31 Mar 2023 09:55

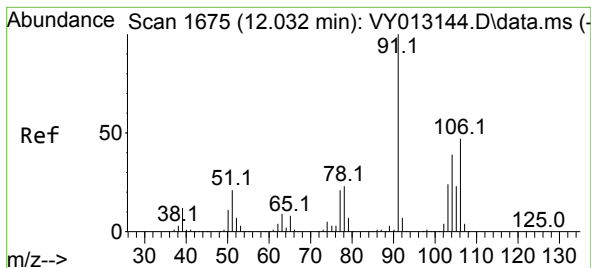
Tgt Ion:106 Resp: 266942

Ion Ratio Lower Upper

106 100

91 199.8 159.8 239.8





#69

o-Xylene

Concen: 51.254 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

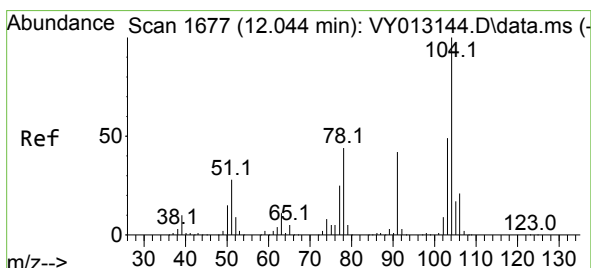
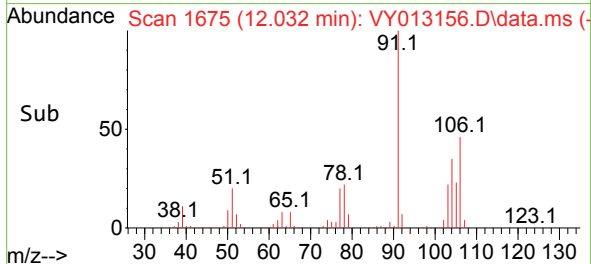
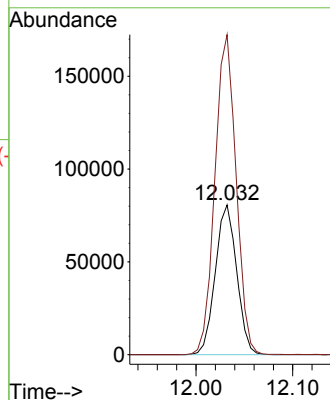
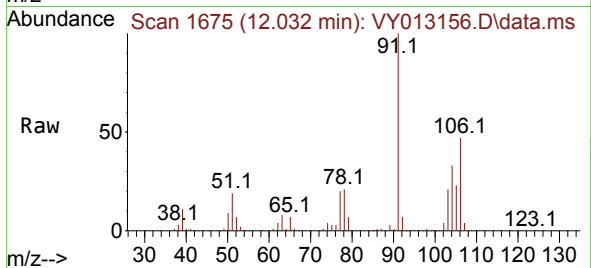
VSTDCCC050

Tgt Ion:106 Resp: 123973

Ion Ratio Lower Upper

106 100

91 211.7 107.2 321.6



#70

Styrene

Concen: 52.082 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

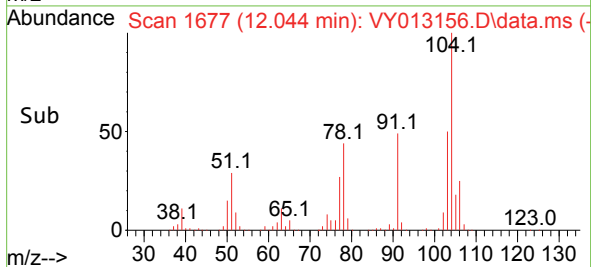
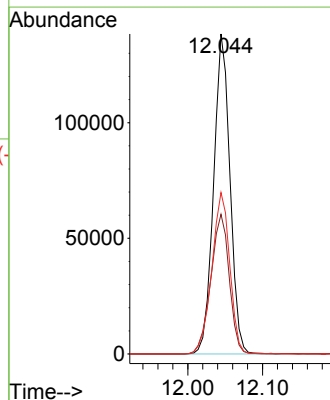
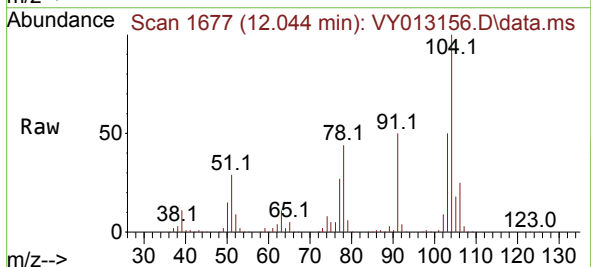
Tgt Ion:104 Resp: 210737

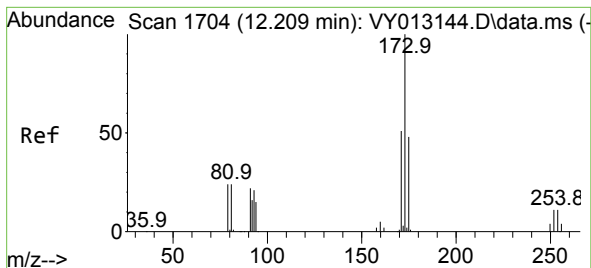
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 55.1 43.7 65.5





#71

Bromoform

Concen: 49.550 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

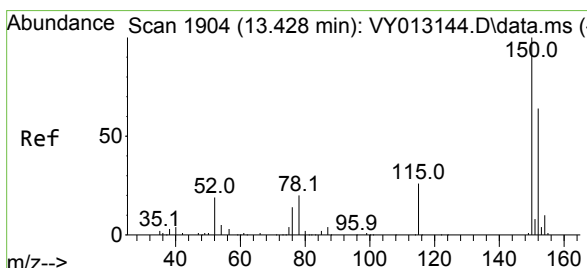
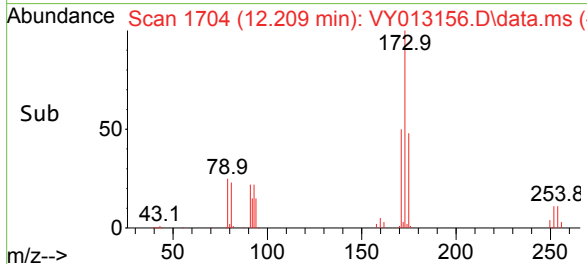
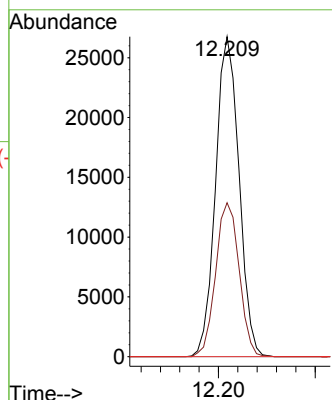
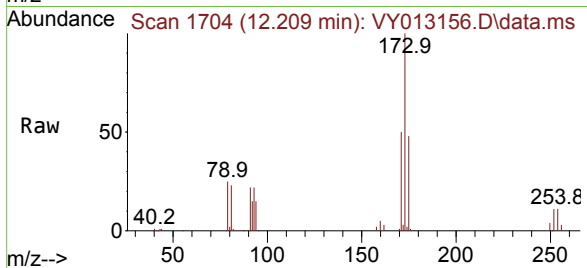
Tgt Ion:173 Resp: 44960

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: VY013156.D

Acq: 31 Mar 2023 09:55

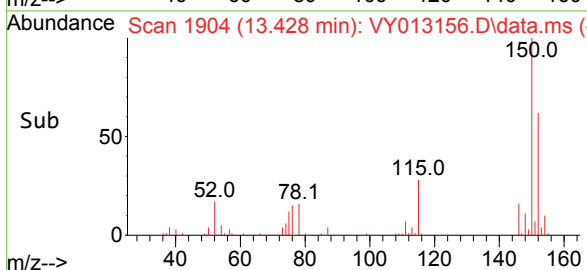
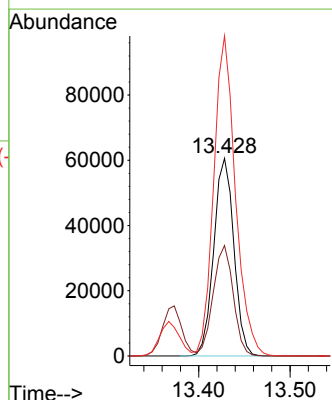
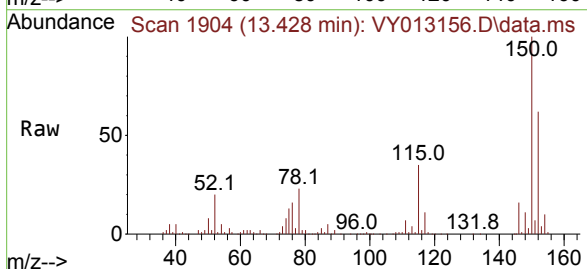
Tgt Ion:152 Resp: 92601

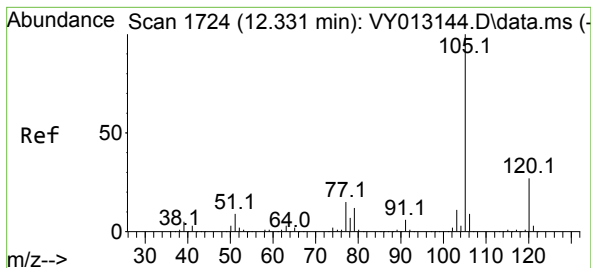
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 174.8 0.0 347.8





#73

Isopropylbenzene

Concen: 51.559 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

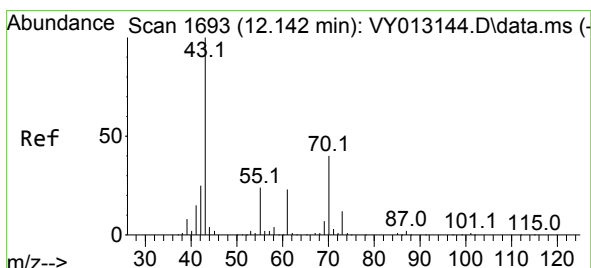
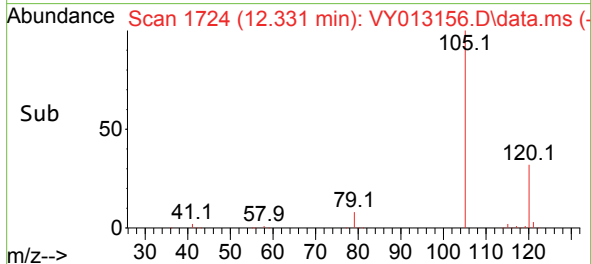
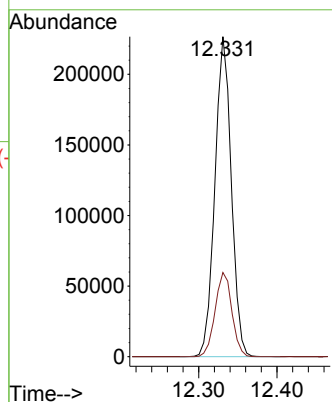
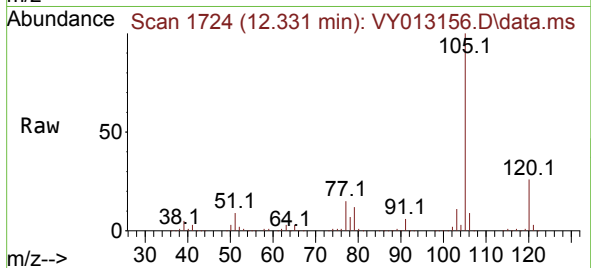
VSTDCCC050

Tgt Ion:105 Resp: 329567

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 48.039 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Tgt Ion: 43 Resp: 84311

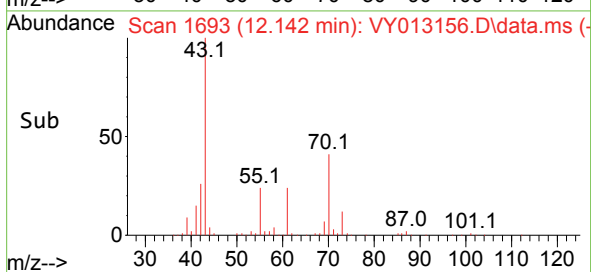
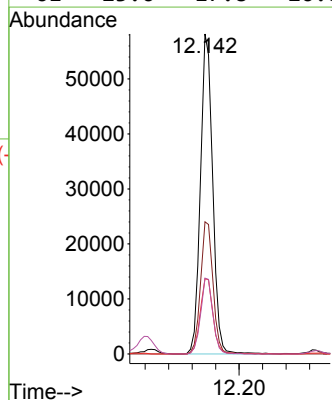
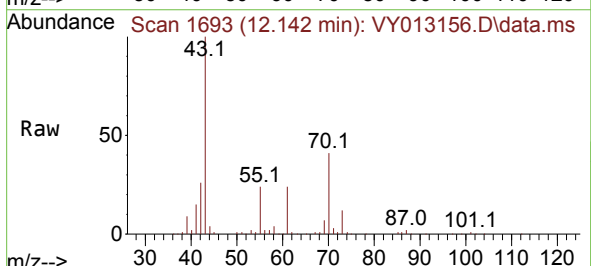
Ion Ratio Lower Upper

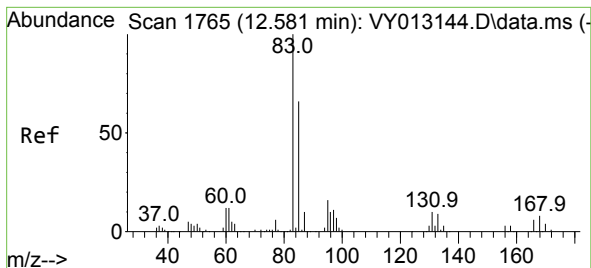
43 100

70 41.9 31.6 47.4

55 24.4 18.8 28.2

61 23.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.168 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

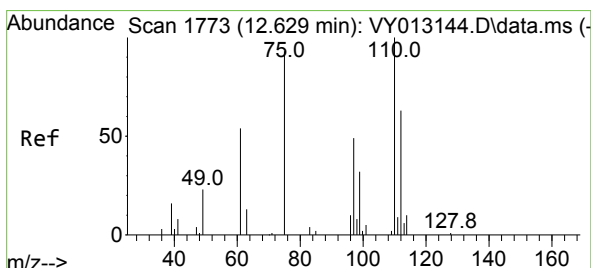
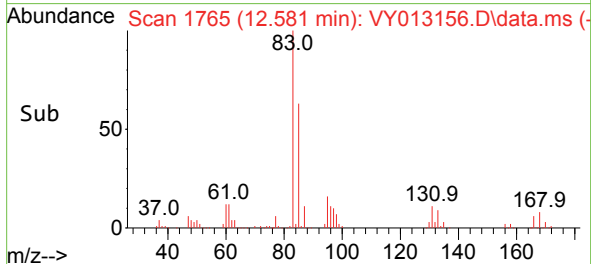
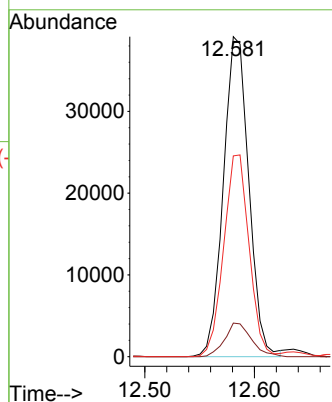
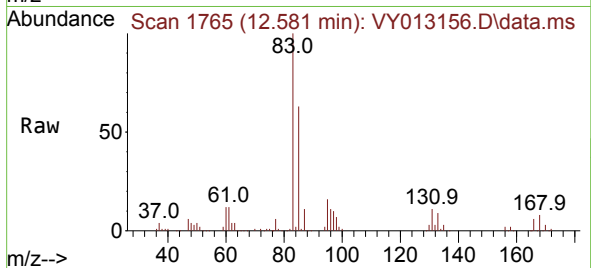
Tgt Ion: 83 Resp: 63154

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.2

85 63.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 79.673 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013156.D

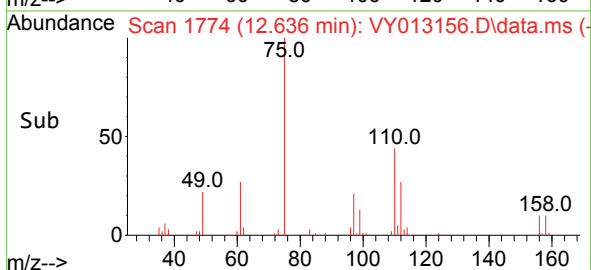
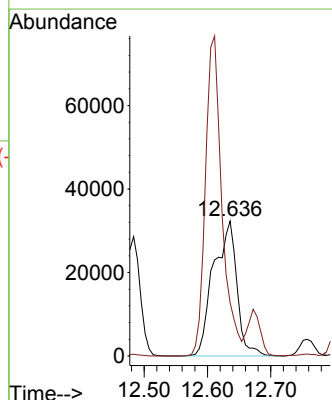
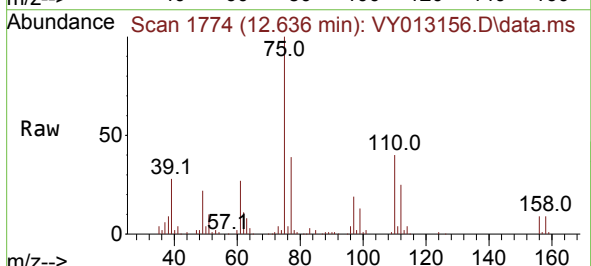
Acq: 31 Mar 2023 09:55

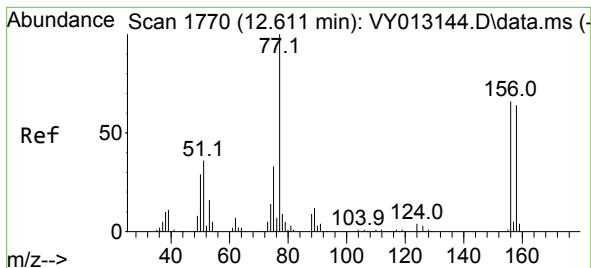
Tgt Ion: 75 Resp: 82881

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.365 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

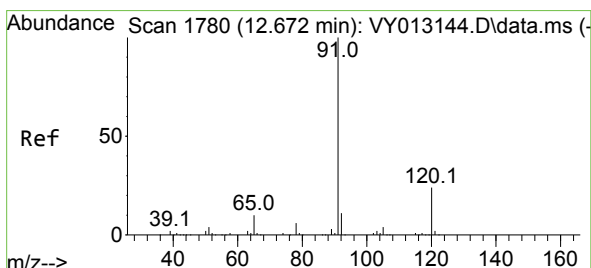
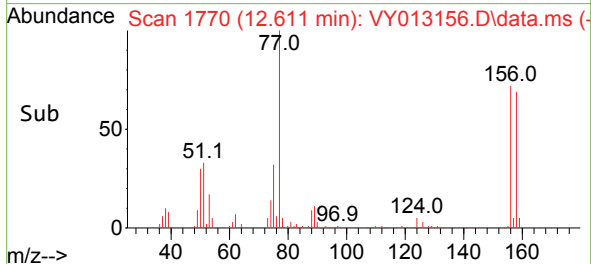
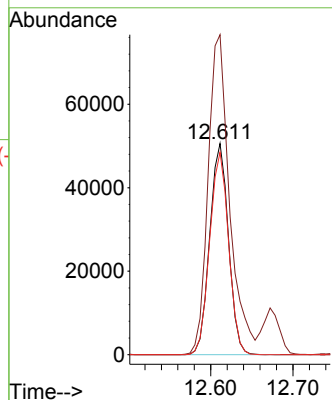
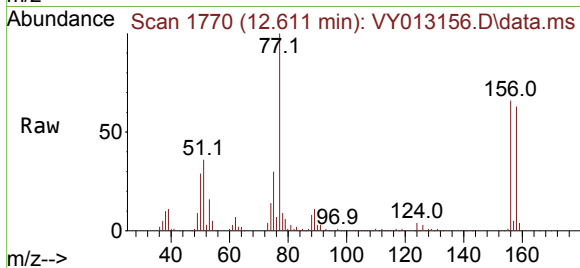
Tgt Ion:156 Resp: 80040

Ion Ratio Lower Upper

156 100

77 174.0 94.0 282.1

158 96.8 48.1 144.4



#78

n-propylbenzene

Concen: 50.879 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013156.D

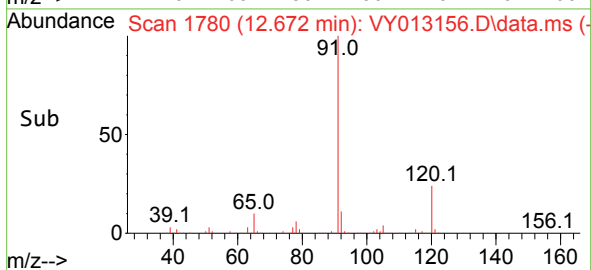
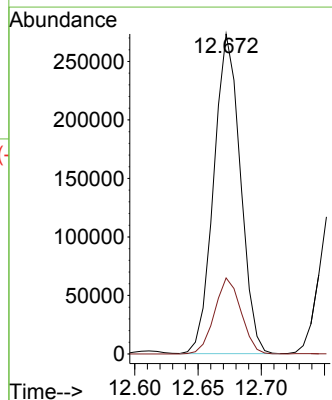
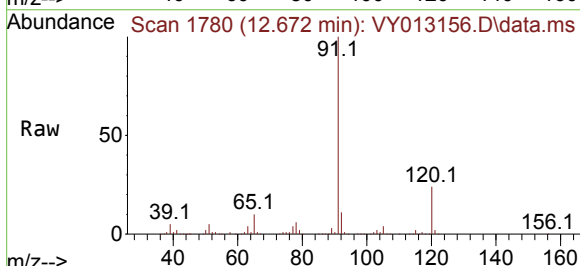
Acq: 31 Mar 2023 09:55

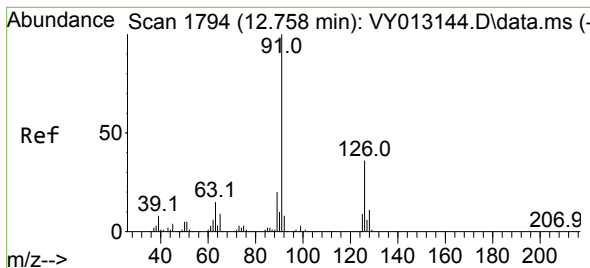
Tgt Ion: 91 Resp: 399870

Ion Ratio Lower Upper

91 100

120 23.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.915 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

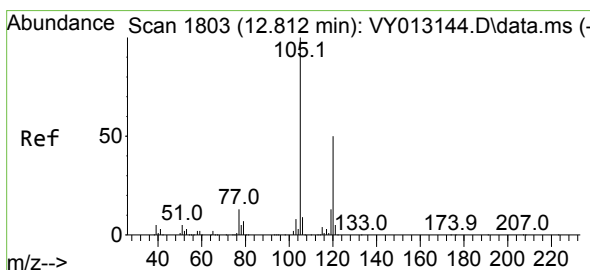
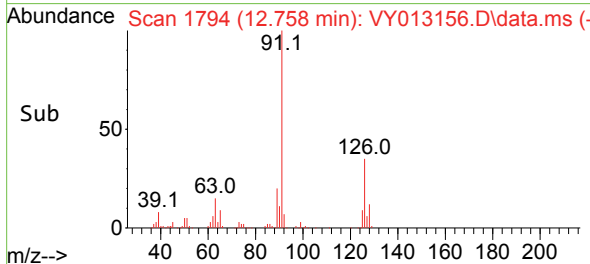
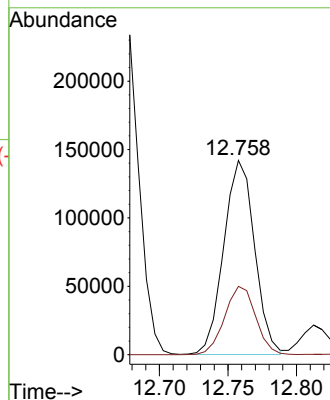
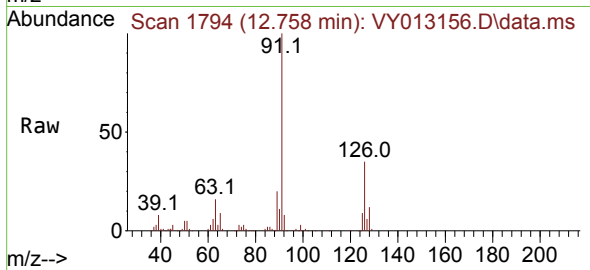
VSTDCCC050

Tgt Ion: 91 Resp: 222608

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.795 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013156.D

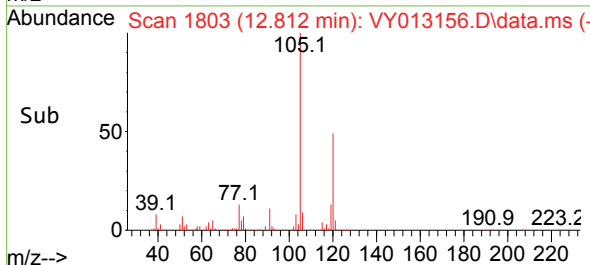
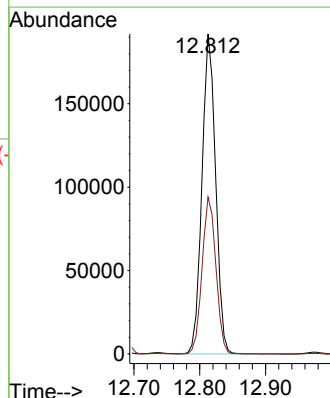
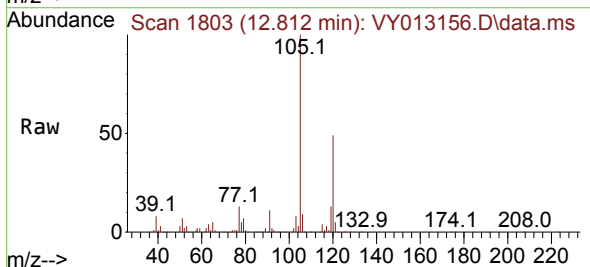
Acq: 31 Mar 2023 09:55

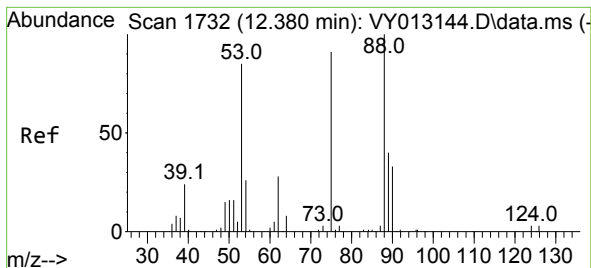
Tgt Ion: 105 Resp: 276798

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4

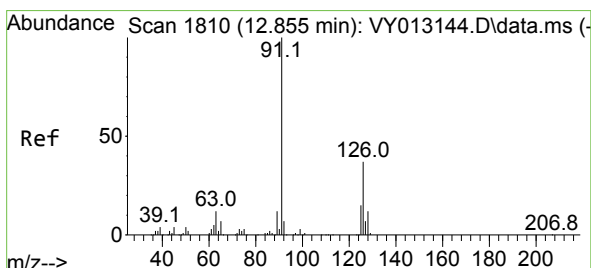
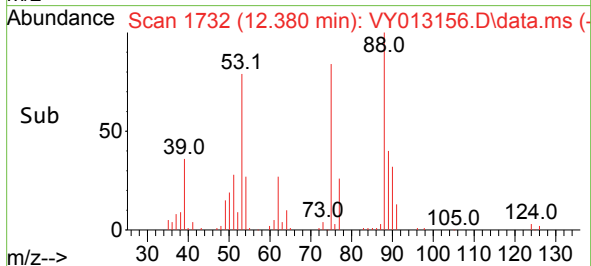
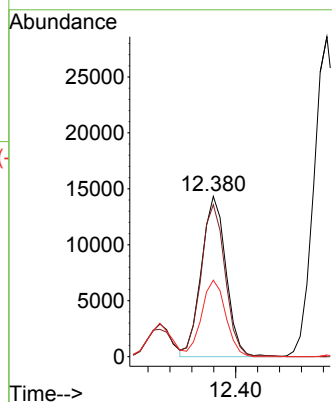
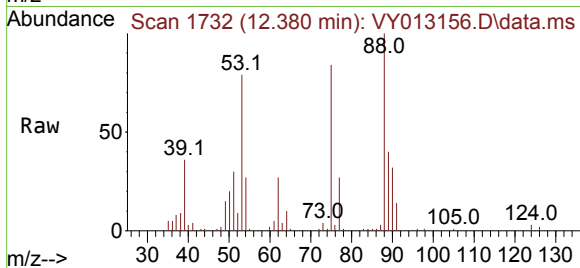




#81
trans-1,4-Dichloro-2-butene
Concen: 47.837 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

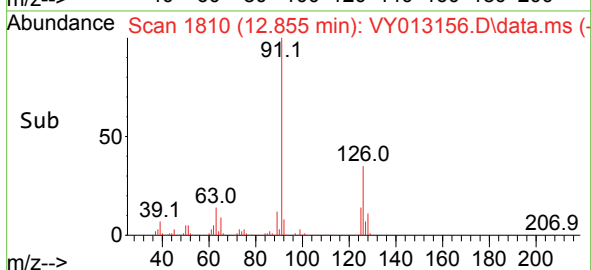
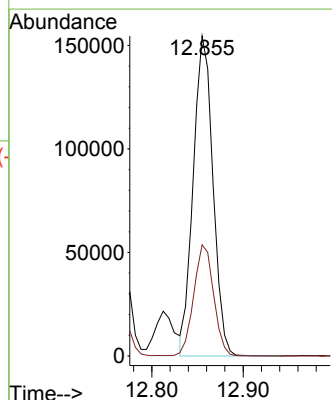
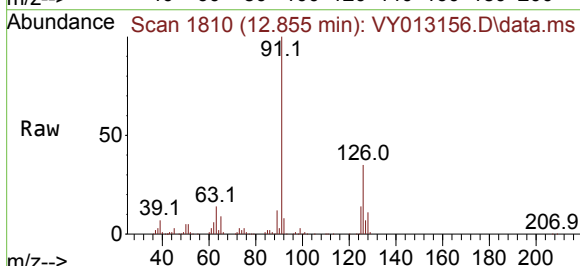
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

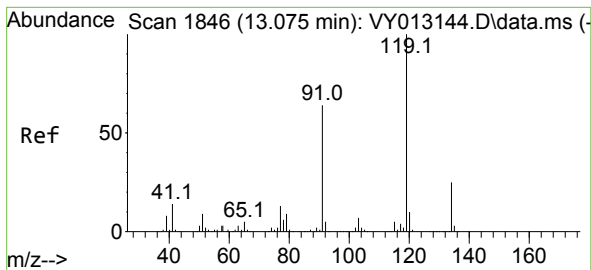
Tgt Ion: 75 Resp: 22314
Ion Ratio Lower Upper
75 100
53 93.7 73.4 110.0
89 46.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 49.876 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 91 Resp: 231494
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





#83

tert-Butylbenzene

Concen: 51.409 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

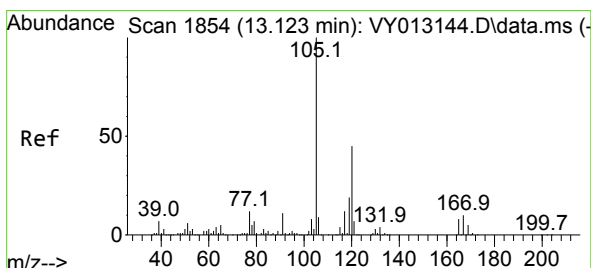
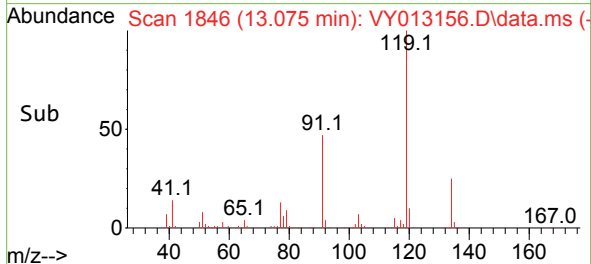
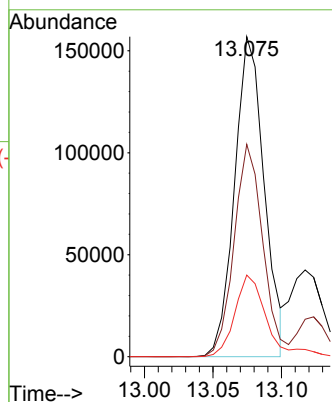
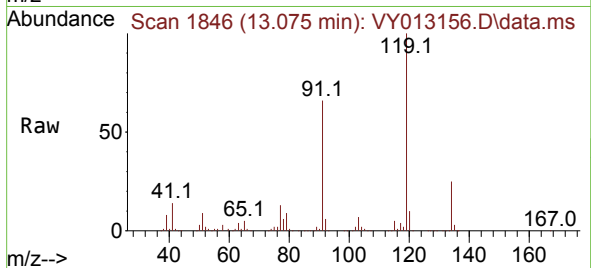
Tgt Ion:119 Resp: 235975

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.3

134 27.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 51.858 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013156.D

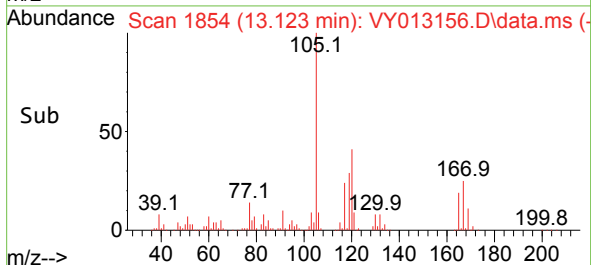
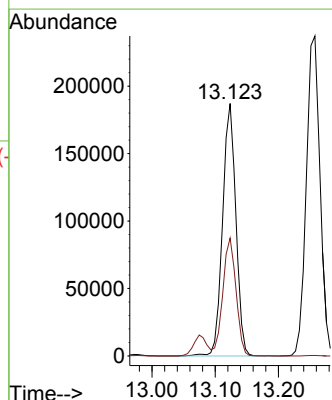
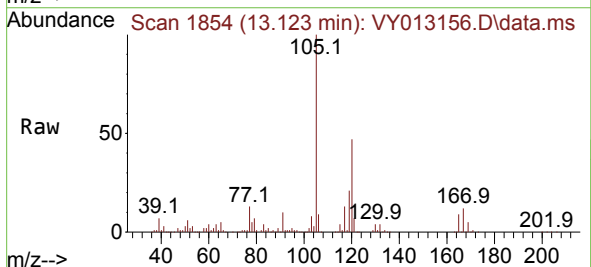
Acq: 31 Mar 2023 09:55

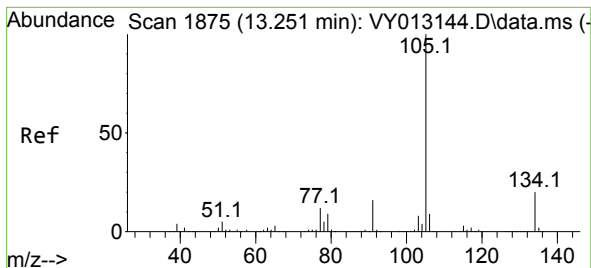
Tgt Ion:105 Resp: 271403

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.242 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

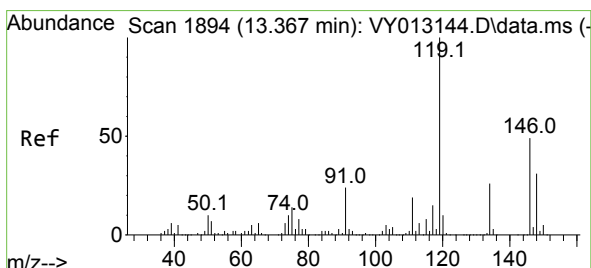
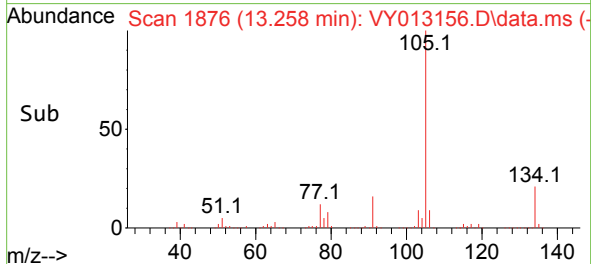
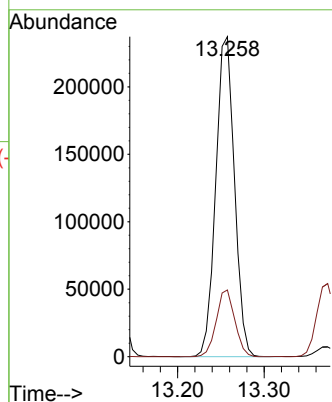
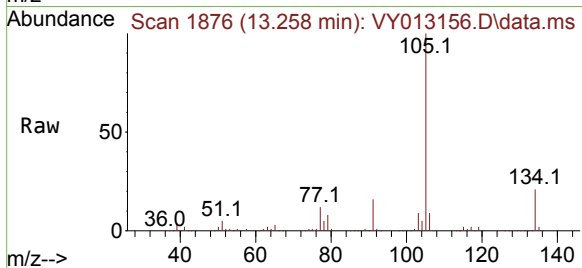
VSTDCCC050

Tgt Ion:105 Resp: 355148

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.331 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

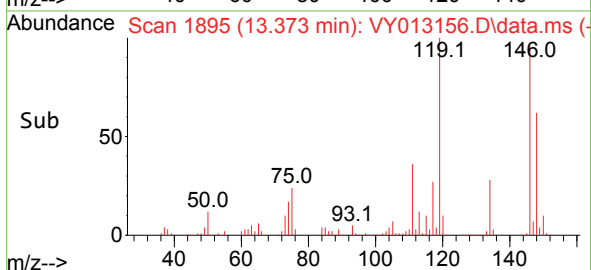
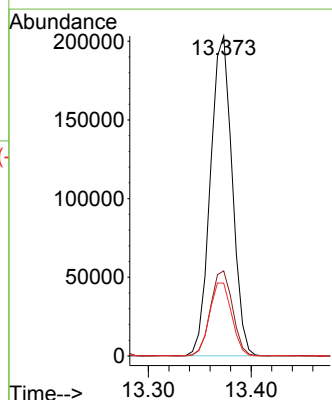
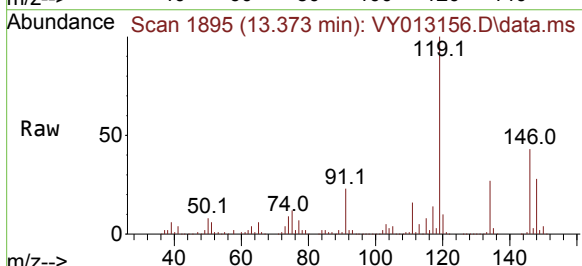
Tgt Ion:119 Resp: 298584

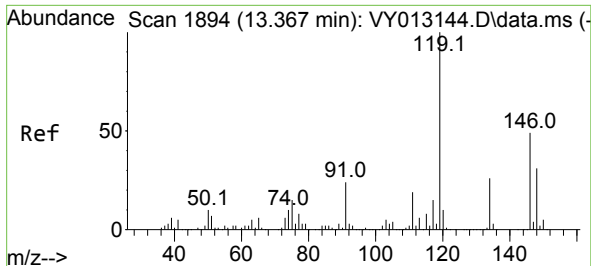
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.380 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

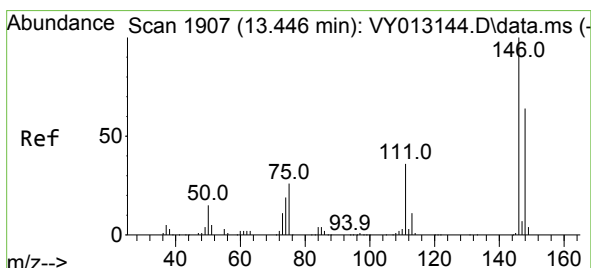
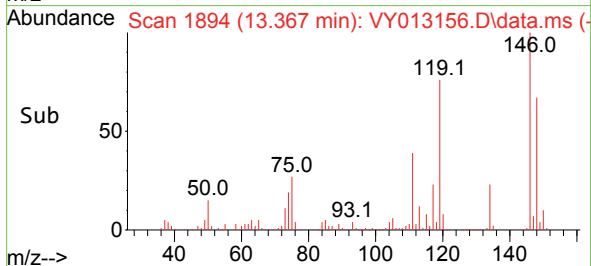
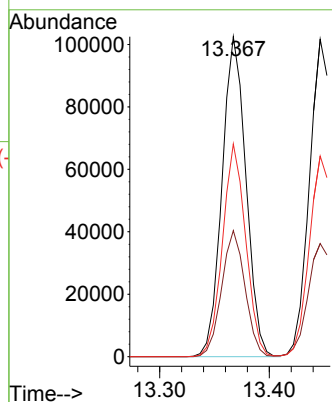
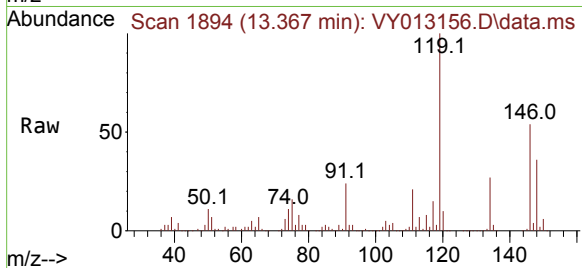
Tgt Ion:146 Resp: 155562

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.904 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

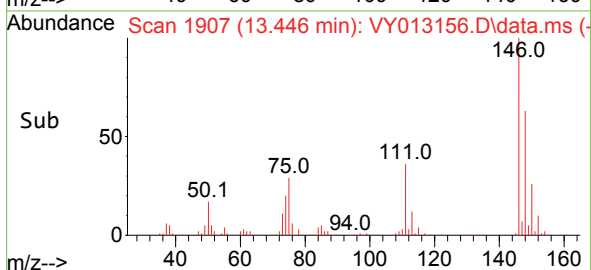
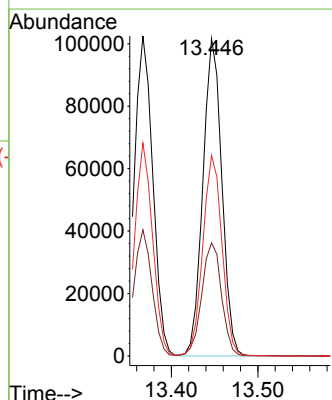
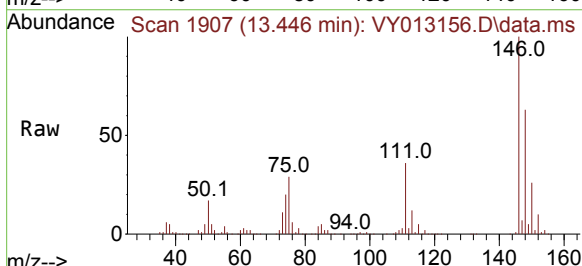
Tgt Ion:146 Resp: 154381

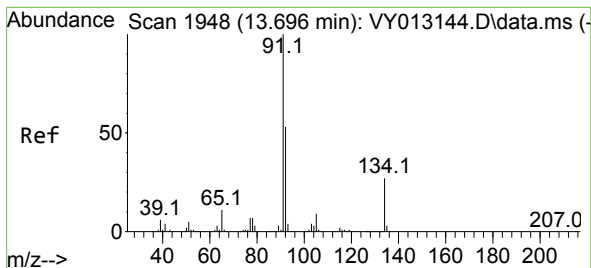
Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 51.154 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

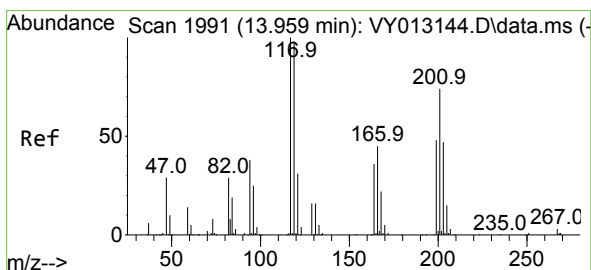
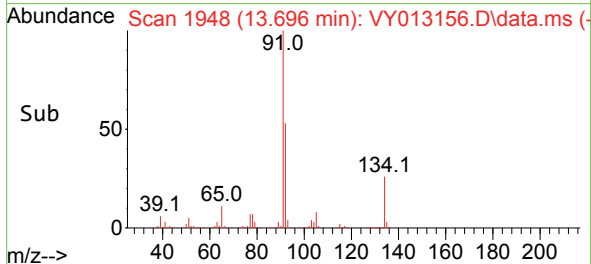
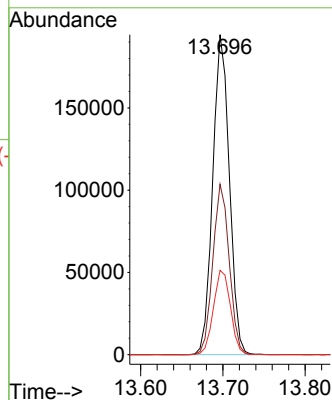
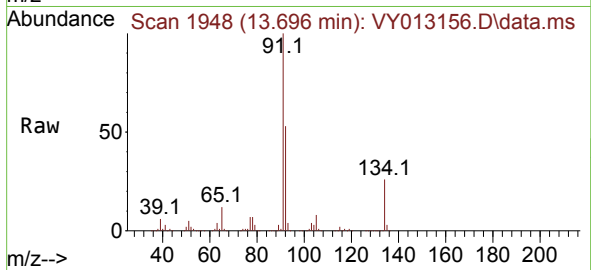
Tgt Ion: 91 Resp: 272850

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 49.400 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013156.D

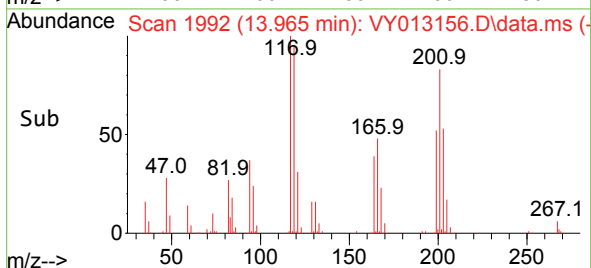
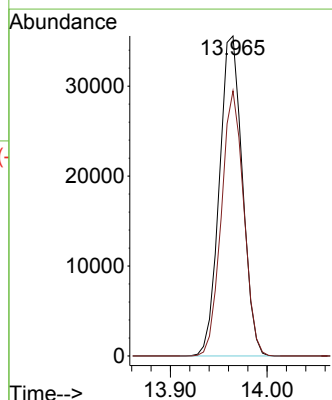
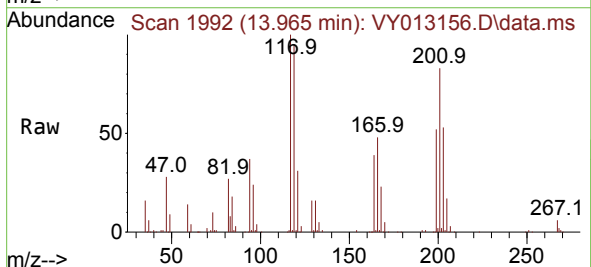
Acq: 31 Mar 2023 09:55

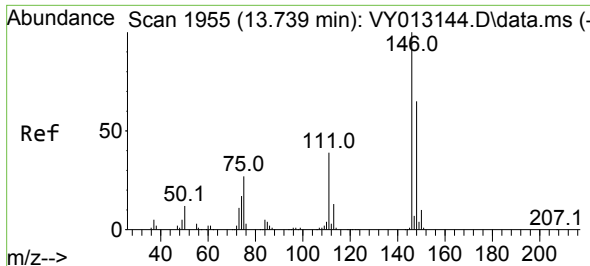
Tgt Ion: 117 Resp: 58717

Ion Ratio Lower Upper

117 100

201 80.2 39.4 118.1

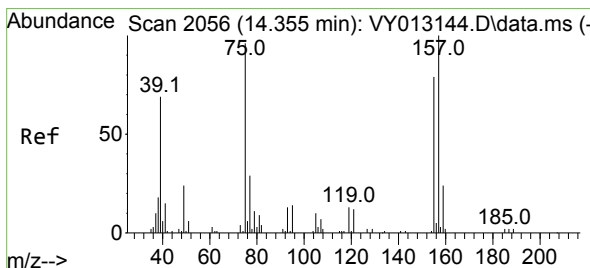
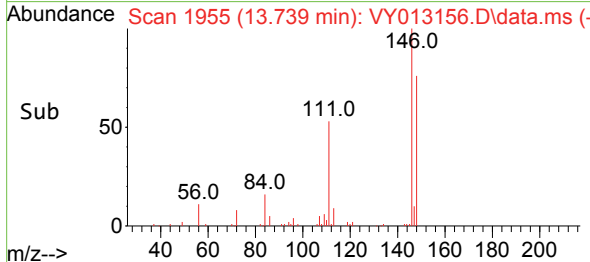
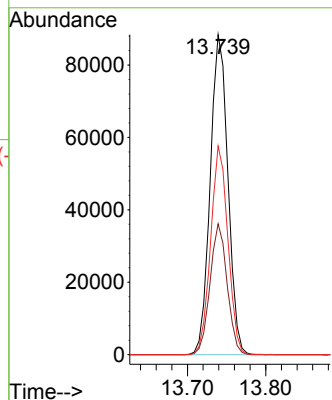
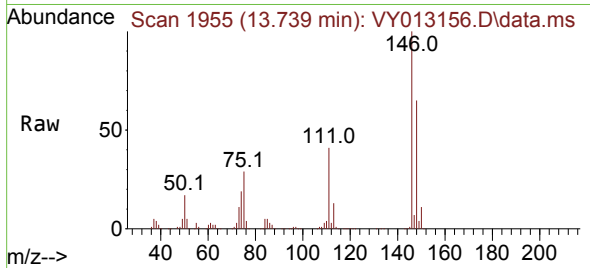




#91
1,2-Dichlorobenzene
Concen: 49.210 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

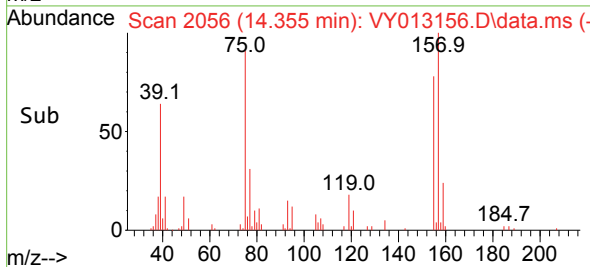
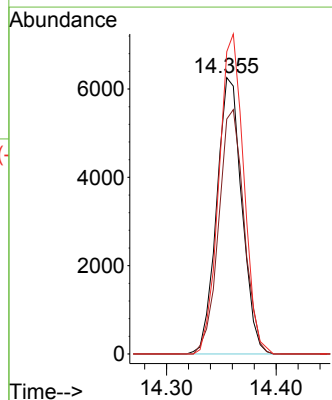
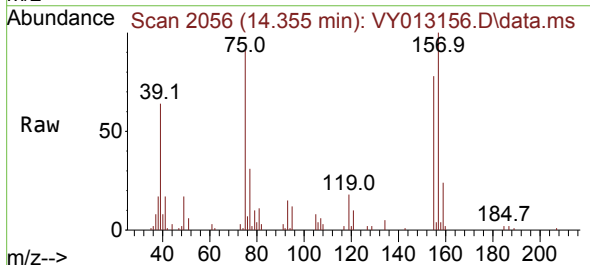
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

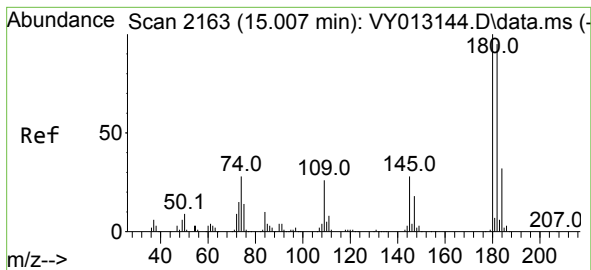
Tgt Ion:146 Resp: 138450
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.1
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.821 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013156.D
Acq: 31 Mar 2023 09:55

Tgt Ion: 75 Resp: 9986
Ion Ratio Lower Upper
75 100
155 88.7 43.8 131.4
157 113.9 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 52.035 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

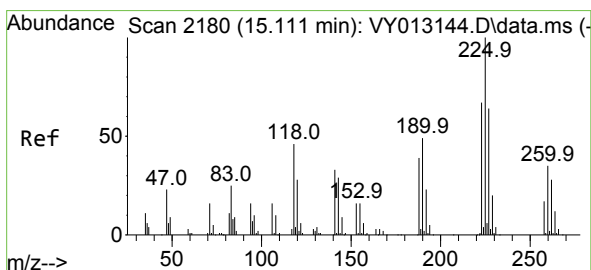
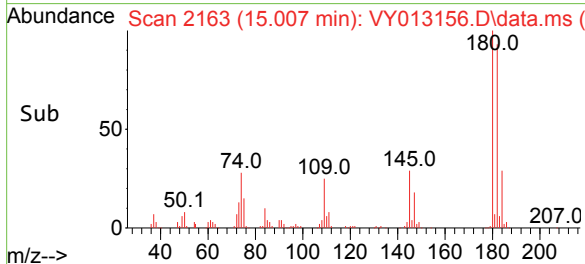
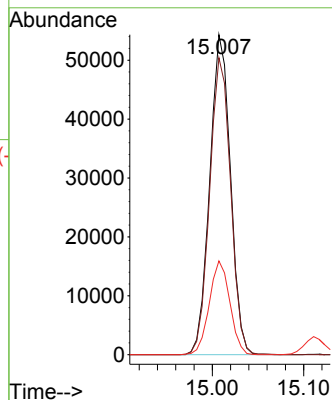
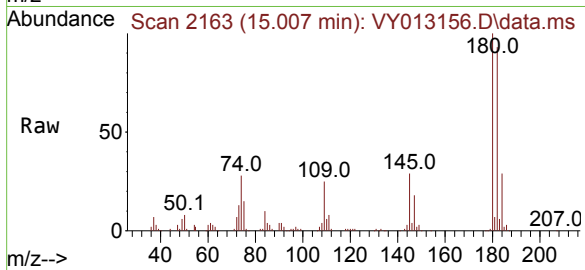
Tgt Ion:180 Resp: 85372

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.1

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.819 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

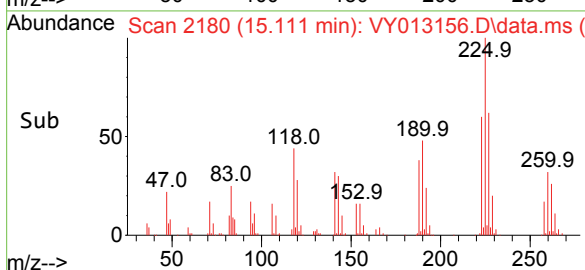
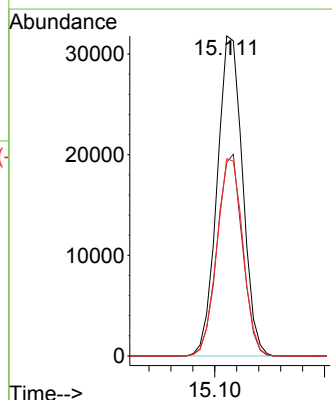
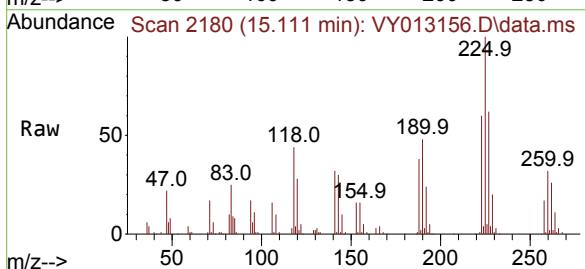
Tgt Ion:225 Resp: 51279

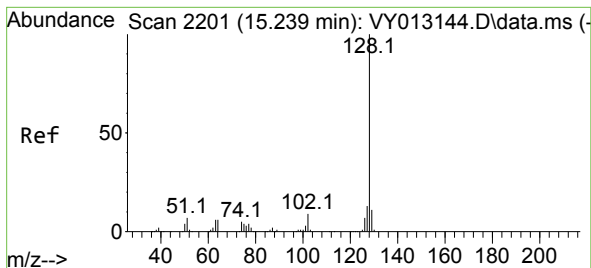
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 46.050 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

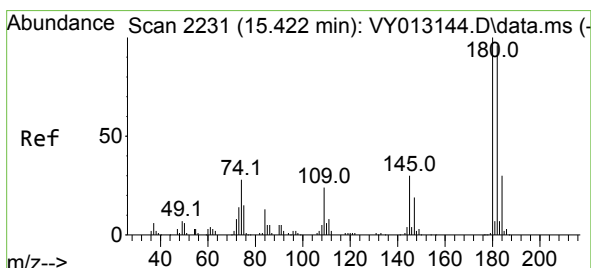
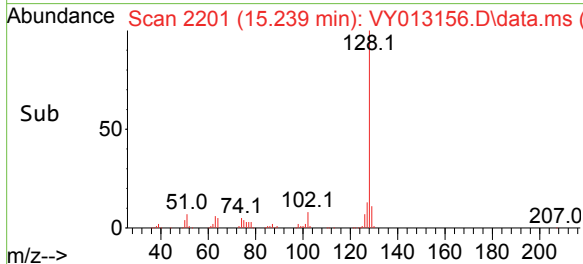
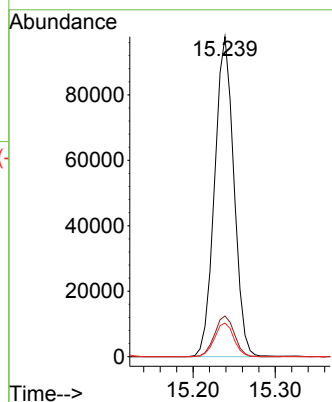
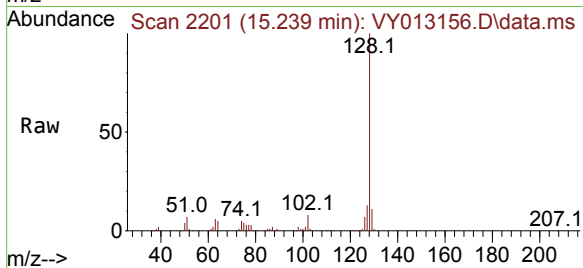
Tgt Ion:128 Resp: 159085

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.090 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013156.D

Acq: 31 Mar 2023 09:55

Tgt Ion:180 Resp: 73852

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.3

145 32.0 15.3 45.8

