

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013083.D
 Acq On : 24 Mar 2023 17:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 25 03:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54043	52.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.860%	
35) Dibromofluoromethane	7.716	113	56316	61.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.780%	
50) Toluene-d8	10.179	98	178693	53.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.483	95	70213	62.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48673	48.019	ug/l	98
3) Chloromethane	2.113	50	50953	42.048	ug/l	98
4) Vinyl Chloride	2.253	62	53839	48.451	ug/l	99
5) Bromomethane	2.649	94	34015	50.378	ug/l	88
6) Chloroethane	2.796	64	34600	51.992	ug/l	99
7) Trichlorofluoromethane	3.125	101	88740	48.083	ug/l	100
8) Diethyl Ether	3.527	74	27260	42.149	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	54322	48.923	ug/l	99
10) Methyl Iodide	4.088	142	70968	49.053	ug/l	98
11) Tert butyl alcohol	4.948	59	20846	171.173	ug/l	100
12) 1,1-Dichloroethene	3.869	96	49725	46.955	ug/l	92
13) Acrolein	3.729	56	23998	134.152	ug/l	97
14) Allyl chloride	4.478	41	87546	44.754	ug/l	96
15) Acrylonitrile	5.155	53	71070	208.556	ug/l	99
16) Acetone	3.948	43	87901	219.331	ug/l	98
17) Carbon Disulfide	4.192	76	165049	45.788	ug/l	98
18) Methyl Acetate	4.472	43	48009	40.226	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	126849	46.374	ug/l	97
20) Methylene Chloride	4.710	84	67369	55.699	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	57468	49.937	ug/l	97
22) Diisopropyl ether	6.118	45	180414	50.778	ug/l	99
23) Vinyl Acetate	6.057	43	516755	234.078	ug/l	98
24) 1,1-Dichloroethane	6.015	63	102521	50.637	ug/l	99
25) 2-Butanone	6.984	43	103979	209.472	ug/l	98
26) 2,2-Dichloropropane	6.978	77	90496	50.327	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	63399	51.384	ug/l	99
28) Bromochloromethane	7.332	49	33847	45.747	ug/l	99
29) Tetrahydrofuran	7.344	42	63443	211.914	ug/l	99
30) Chloroform	7.502	83	106455	53.232	ug/l	95
31) Cyclohexane	7.783	56	94464	48.307	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	93026	51.438	ug/l	98
36) 1,1-Dichloropropene	7.917	75	81199	52.820	ug/l	99
37) Ethyl Acetate	7.075	43	42275	43.631	ug/l	98
38) Carbon Tetrachloride	7.899	117	87926	55.387	ug/l	100
39) Methylcyclohexane	9.185	83	97043	53.098	ug/l	99
40) Benzene	8.161	78	230746	53.063	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	59994	114.925	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	67984	52.000	ug/l	100
43) Isopropyl Acetate	8.270	43	77703	44.949	ug/l	98
44) Trichloroethene	8.935	130	61507	53.647	ug/l	100
45) 1,2-Dichloropropane	9.215	63	58916	53.609	ug/l	96
46) Dibromomethane	9.307	93	32324	51.628	ug/l	99
47) Bromodichloromethane	9.496	83	79605	53.954	ug/l	98
48) Methyl methacrylate	9.295	41	37430	46.991	ug/l	98
49) 1,4-Dioxane	9.295	88	7504	927.124	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	230261	245.561	ug/l	99
52) Toluene	10.246	92	143758	54.817	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	79926	51.646	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	93624	53.449	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	44760	51.334	ug/l	98
56) Ethyl methacrylate	10.508	69	58366	50.202	ug/l	98
57) 1,3-Dichloropropane	10.788	76	77547	52.216	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	145540	238.461	ug/l	99
59) 2-Hexanone	10.831	43	165674	243.102	ug/l	99
60) Dibromochloromethane	10.983	129	53464	50.372	ug/l	100
61) 1,2-Dibromoethane	11.087	107	41076	48.904	ug/l	100
64) Tetrachloroethene	10.721	164	53437	54.987	ug/l	99
65) Chlorobenzene	11.514	112	150452	53.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	56132	54.151	ug/l	99
67) Ethyl Benzene	11.593	91	274792	55.793	ug/l	99
68) m/p-Xylenes	11.703	106	213312	112.583	ug/l	99
69) o-Xylene	12.032	106	98806	55.876	ug/l	100
70) Styrene	12.044	104	169559	57.460	ug/l	99
71) Bromoform	12.209	173	35346	52.298	ug/l #	98
73) Isopropylbenzene	12.331	105	269554	51.135	ug/l	100
74) N-amyl acetate	12.142	43	72822	43.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	54297	45.821	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	68591	77.223	ug/l #	100
77) Bromobenzene	12.611	156	63613	49.675	ug/l	95
78) n-propylbenzene	12.672	91	336900	51.838	ug/l	100
79) 2-Chlorotoluene	12.757	91	183494	50.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	222910	51.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	18529	43.224	ug/l	99
82) 4-Chlorotoluene	12.855	91	191351	51.177	ug/l	99
83) tert-Butylbenzene	13.074	119	194729	51.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	220668	51.874	ug/l	99
85) sec-Butylbenzene	13.251	105	296775	51.809	ug/l	99
86) p-Isopropyltoluene	13.367	119	243363	51.983	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	126518	51.225	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	124528	49.402	ug/l	99
89) n-Butylbenzene	13.696	91	232721	51.926	ug/l	100
90) Hexachloroethane	13.958	117	49913	51.189	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	112957	50.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8585	44.829	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	66269	48.208	ug/l	97
94) Hexachlorobutadiene	15.111	225	42335	50.493	ug/l	98
95) Naphthalene	15.239	128	127168	46.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	58630	47.956	ug/l	98

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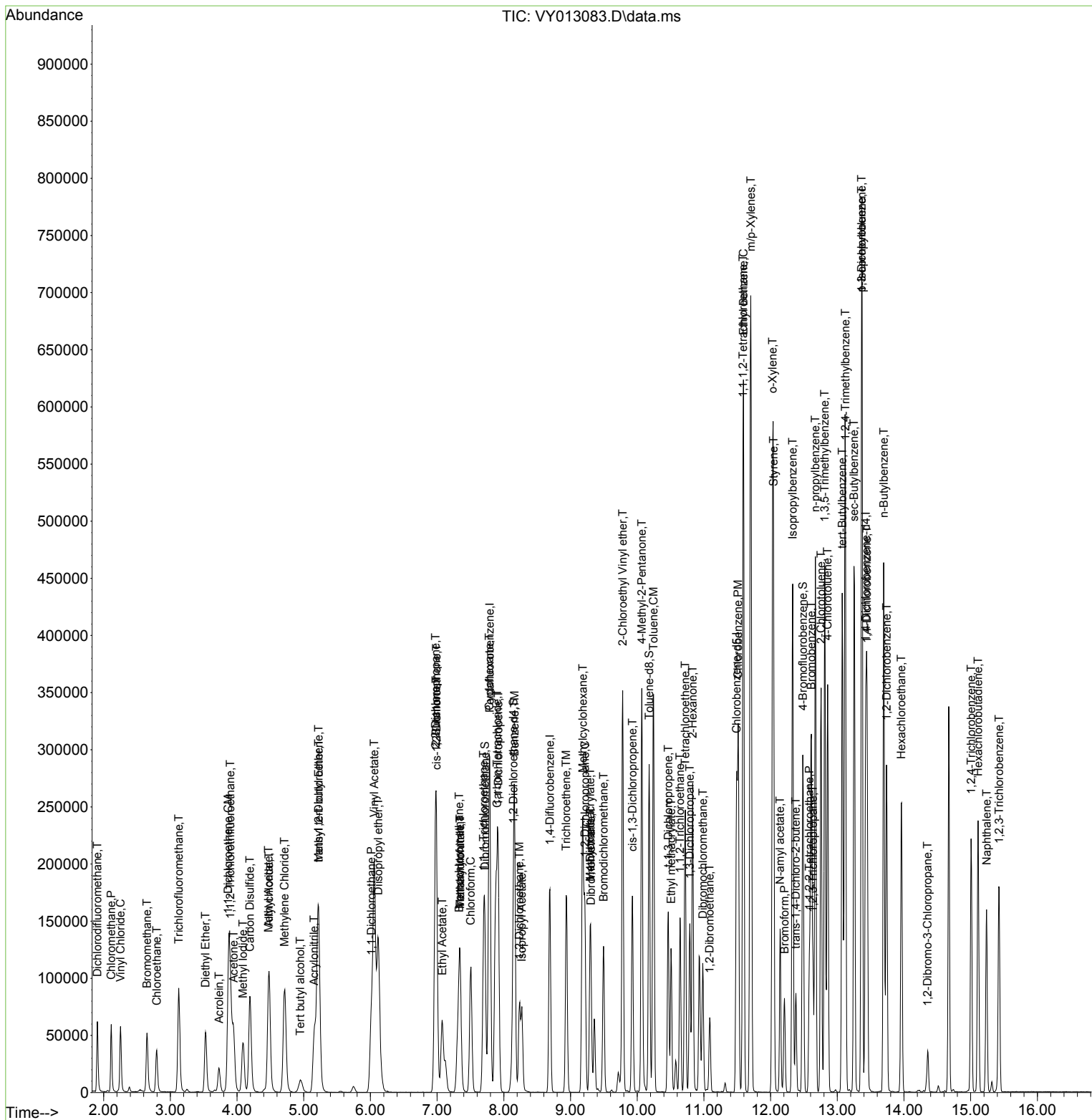
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

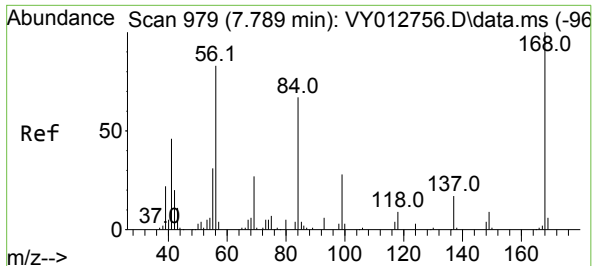
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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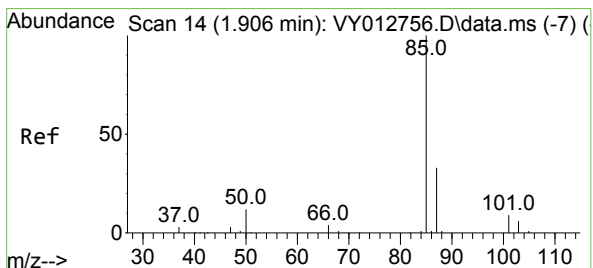
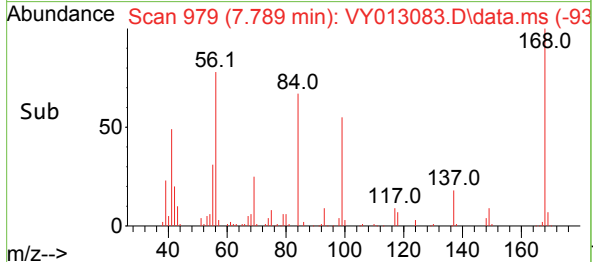
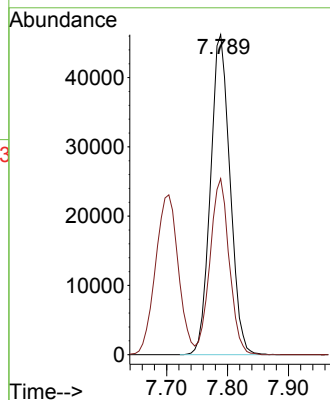
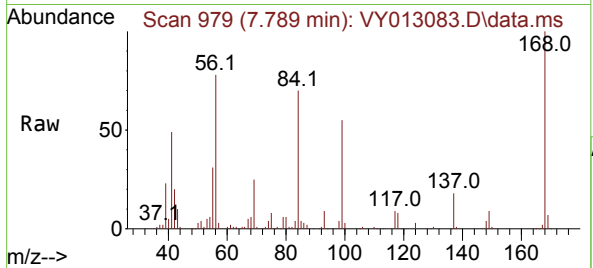




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013083.D
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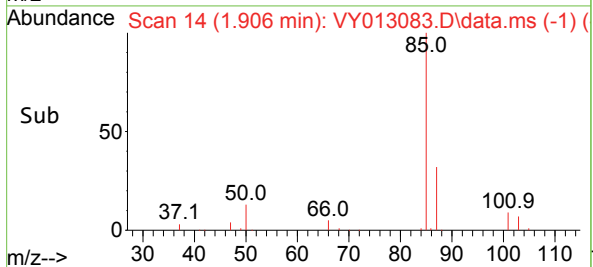
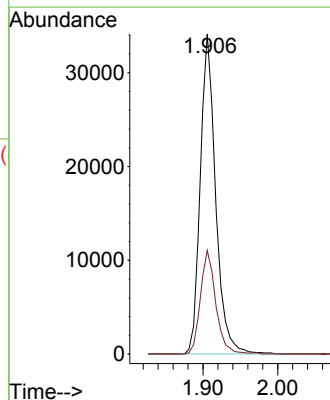
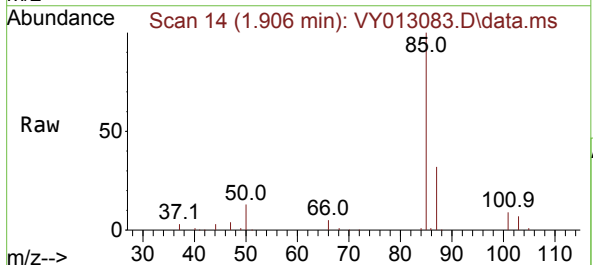
Instrument :
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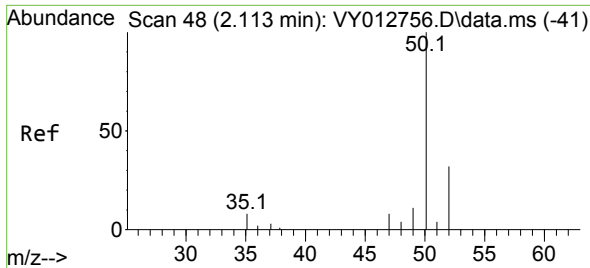
Tgt Ion:168 Resp: 102838
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 48.019 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 85 Resp: 48673
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

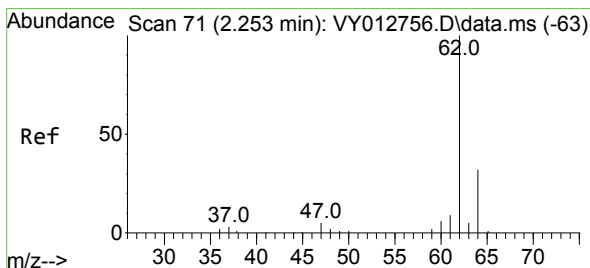
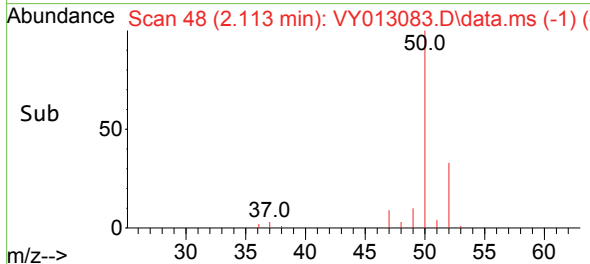
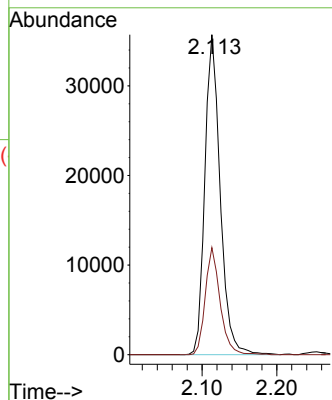
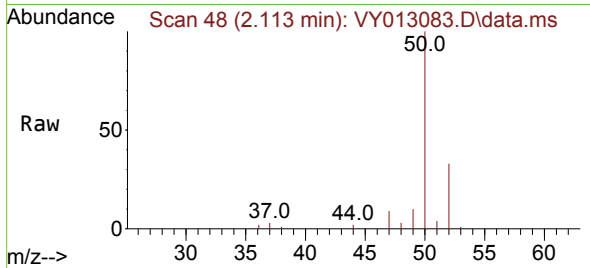




#3
Chloromethane
Concen: 42.048 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

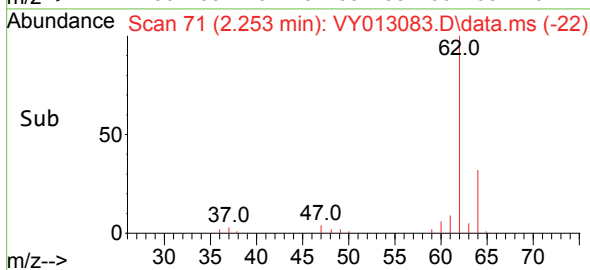
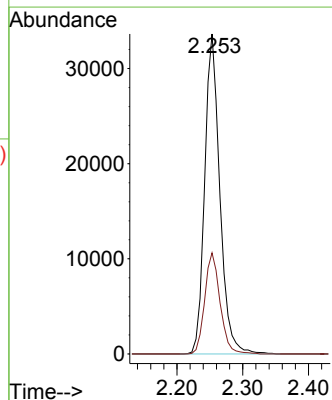
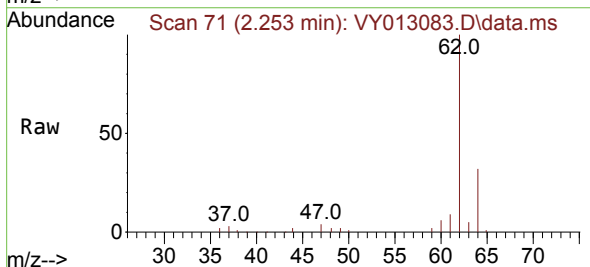
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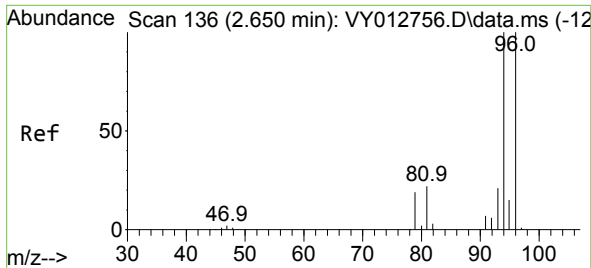
Tgt Ion: 50 Resp: 50953
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 48.451 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 62 Resp: 53839
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4

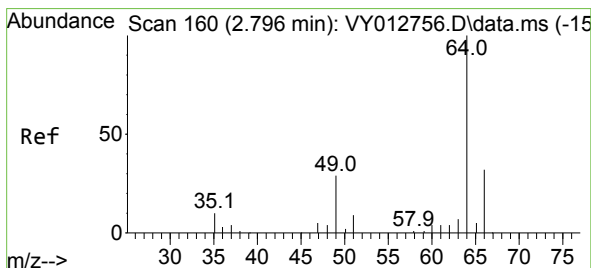
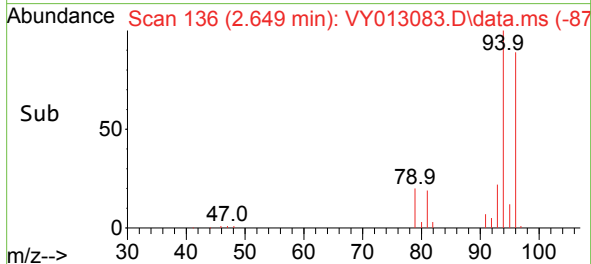
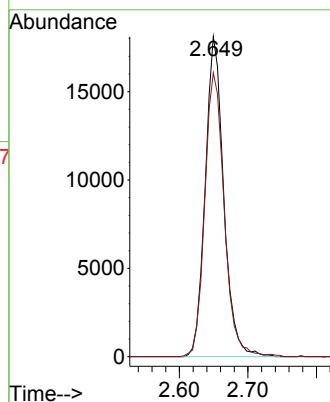
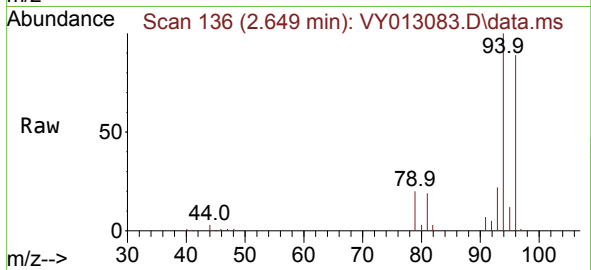




#5
Bromomethane
Concen: 50.378 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

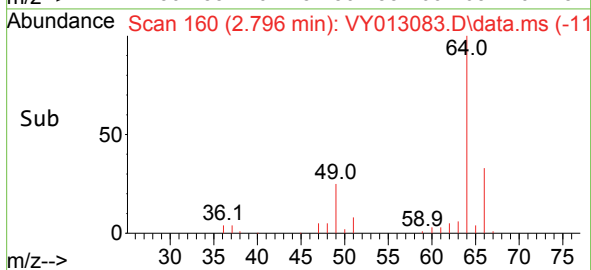
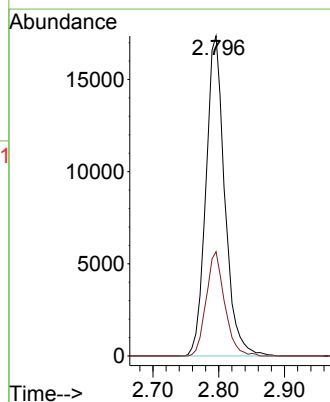
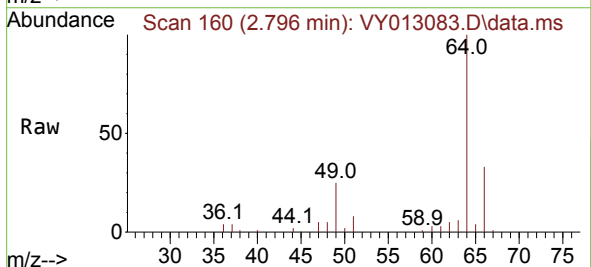
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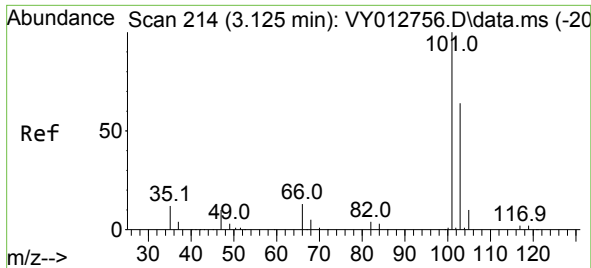
Tgt Ion: 94 Resp: 34015
Ion Ratio Lower Upper
94 100
96 88.7 80.3 120.5



#6
Chloroethane
Concen: 51.992 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 64 Resp: 34600
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5

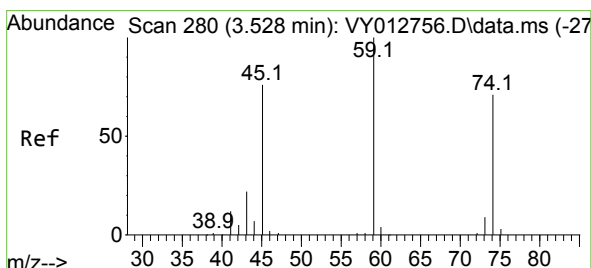
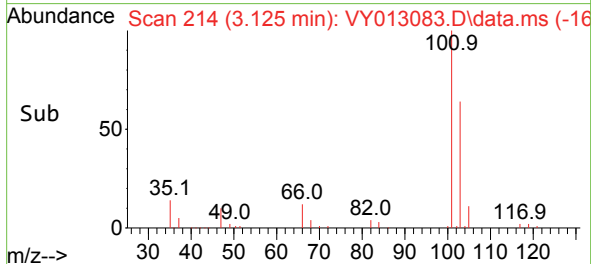
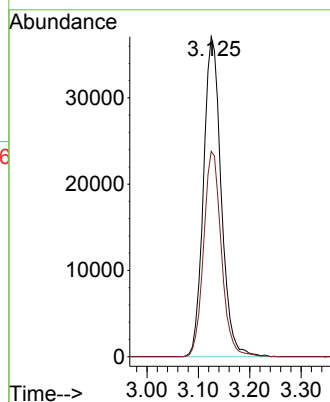
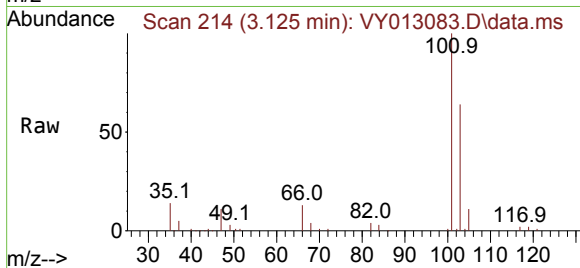




#7
 Trichlorofluoromethane
 Concen: 48.083 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013083.D
 Acq: 24 Mar 2023 17:16

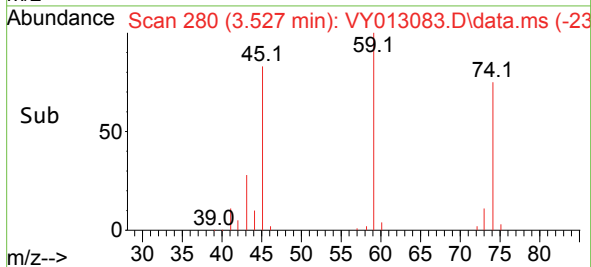
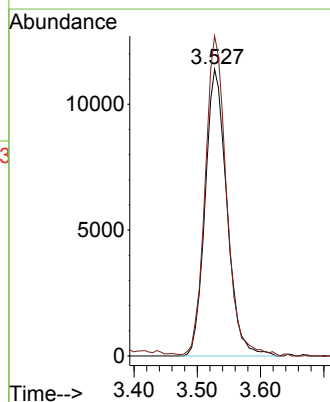
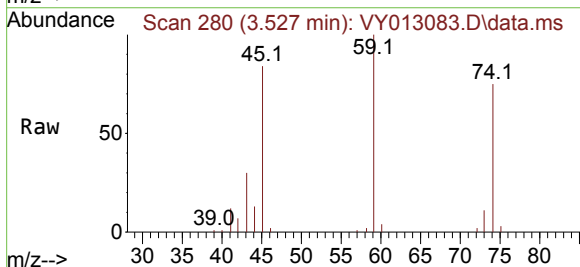
Instrument :
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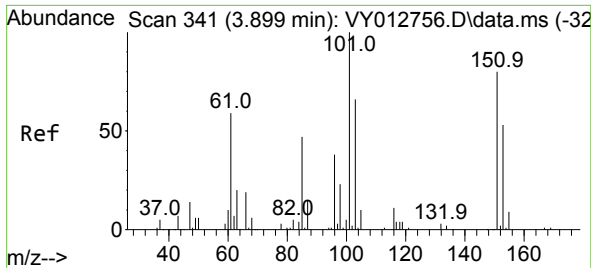
Tgt Ion:101 Resp: 88740
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 42.149 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY013083.D
 Acq: 24 Mar 2023 17:16

Tgt Ion: 74 Resp: 27260
 Ion Ratio Lower Upper
 74 100
 45 109.7 52.1 156.4

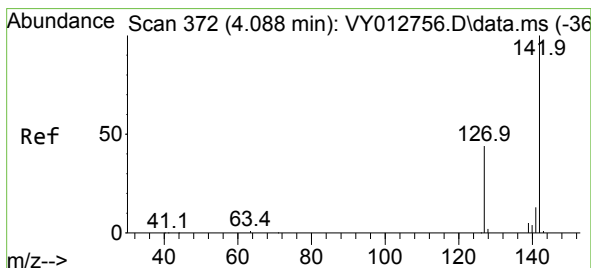
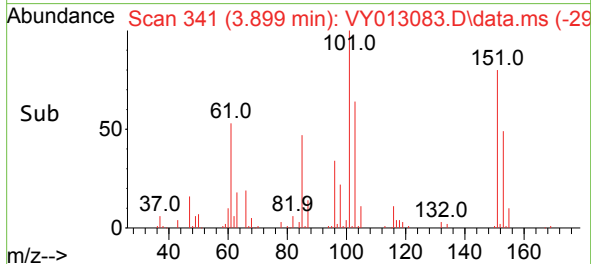
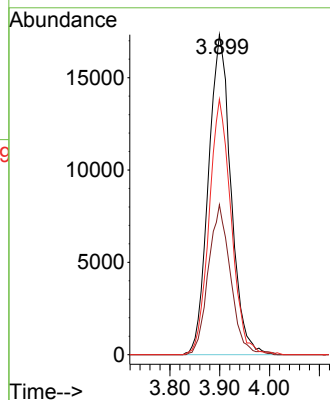
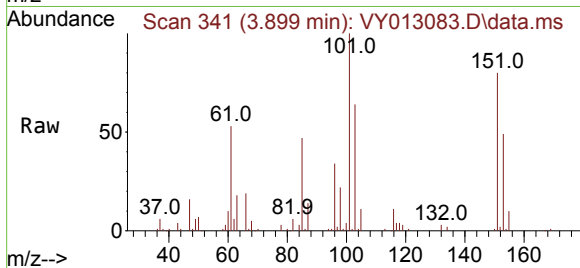




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.923 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

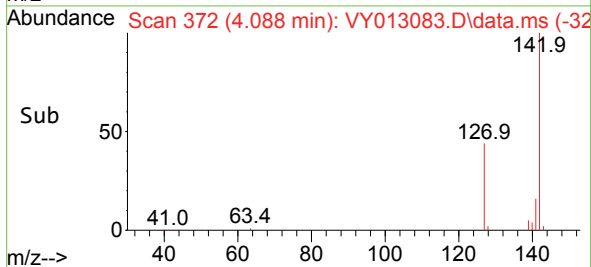
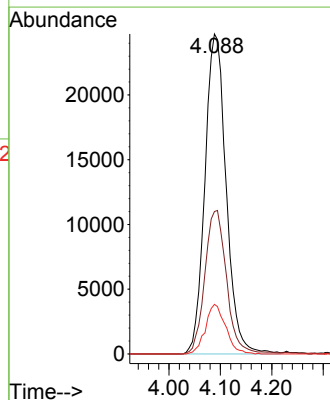
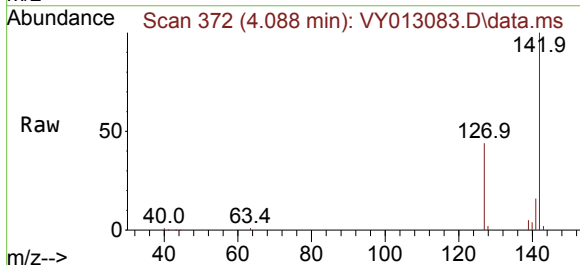
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

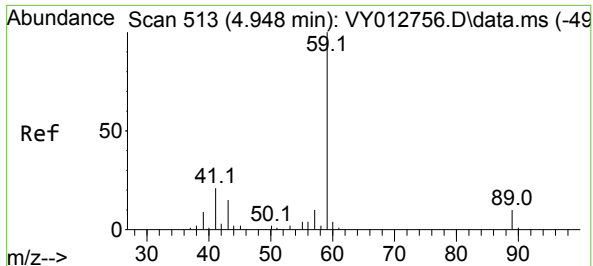
Tgt Ion:101 Resp: 54322
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 78.5 63.1 94.7



#10
Methyl Iodide
Concen: 49.053 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion:142 Resp: 70968
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.2
141 14.8 11.3 16.9

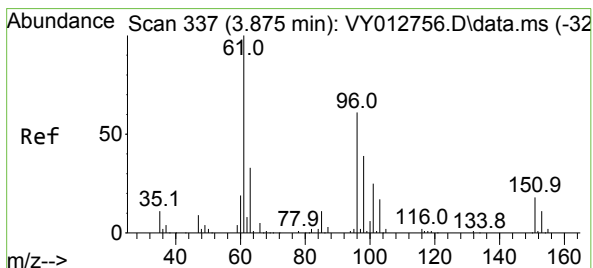
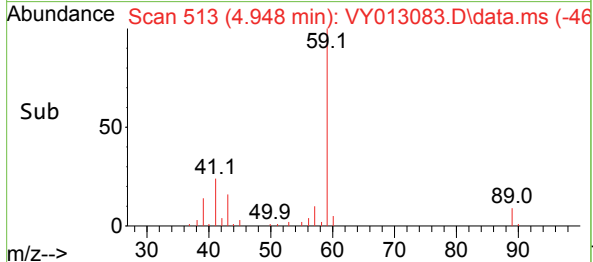
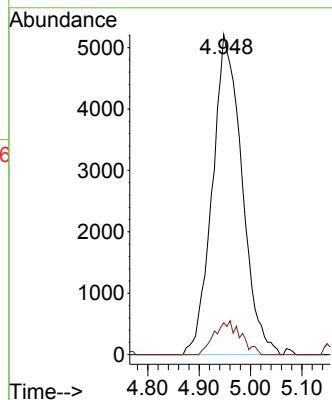
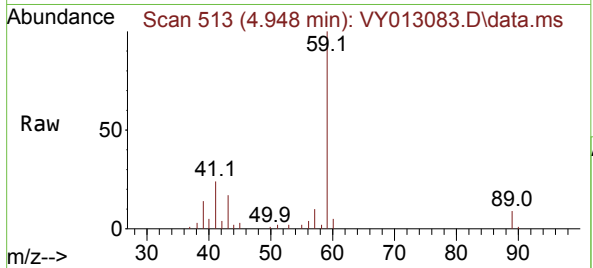




#11
Tert butyl alcohol
Concen: 171.173 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

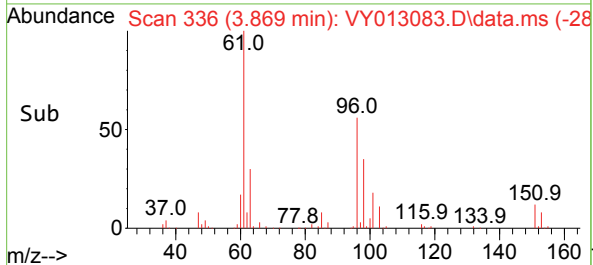
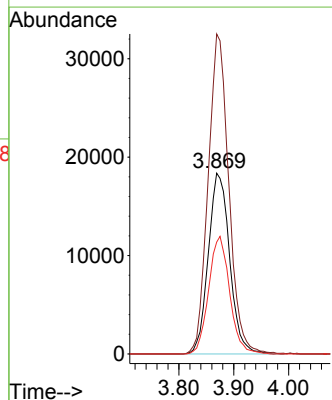
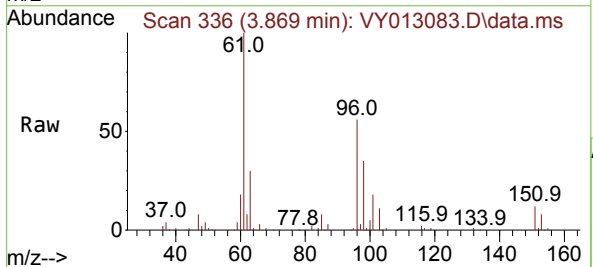
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

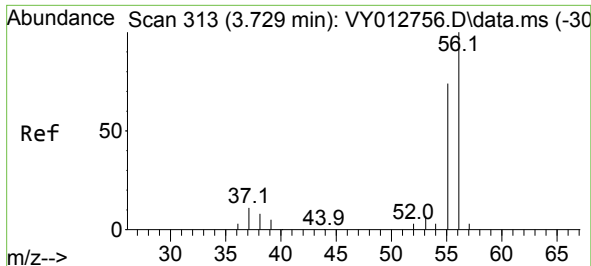
Tgt Ion: 59 Resp: 20846
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 46.955 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 96 Resp: 49725
Ion Ratio Lower Upper
96 100
61 177.0 131.7 197.5
98 61.9 52.0 78.0

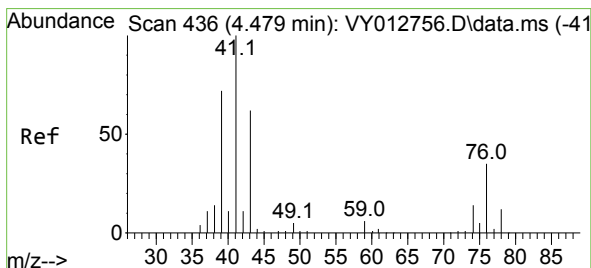
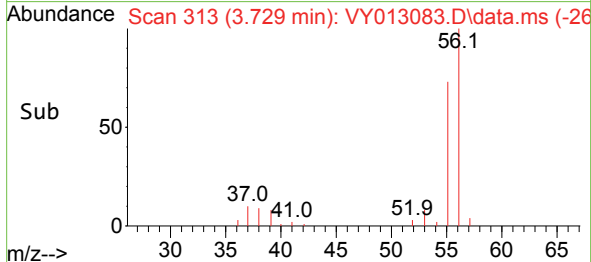
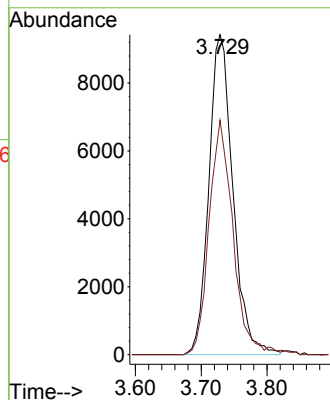
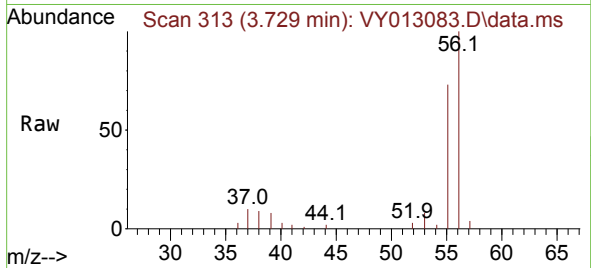




#13
Acrolein
Concen: 134.152 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

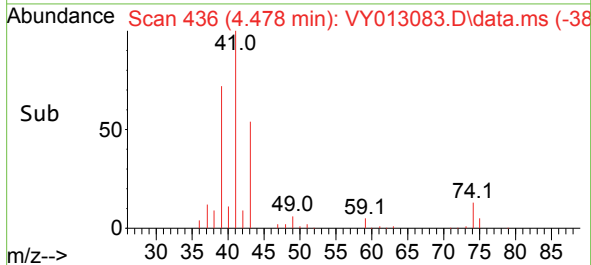
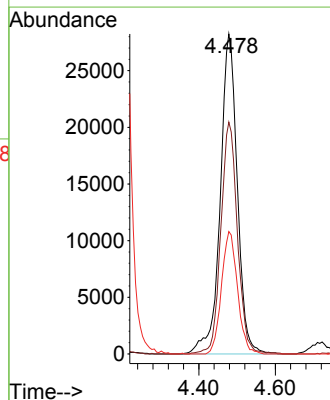
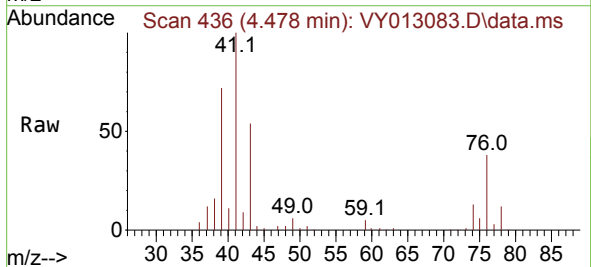
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

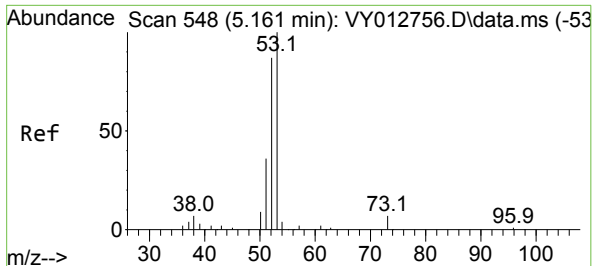
Tgt Ion: 56 Resp: 23998
Ion Ratio Lower Upper
56 100
55 73.4 56.8 85.2



#14
Allyl chloride
Concen: 44.754 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 41 Resp: 87546
Ion Ratio Lower Upper
41 100
39 70.4 53.6 80.4
76 35.9 27.2 40.8

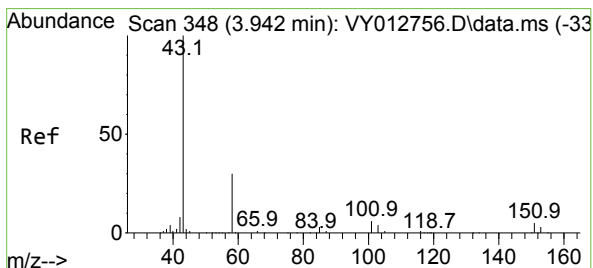
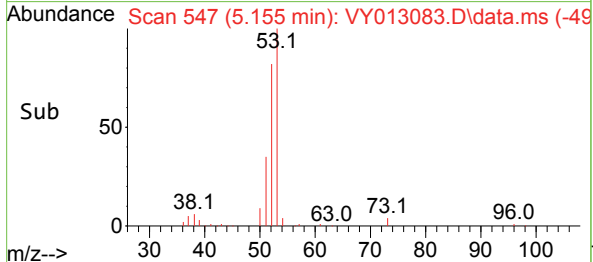
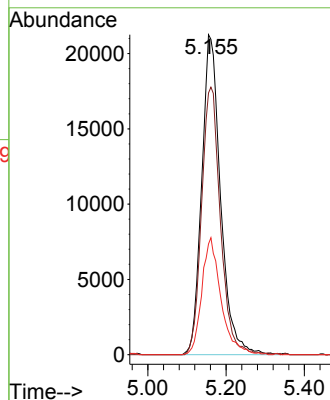
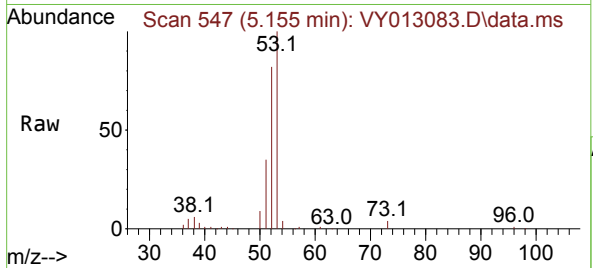




#15
Acrylonitrile
Concen: 208.556 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

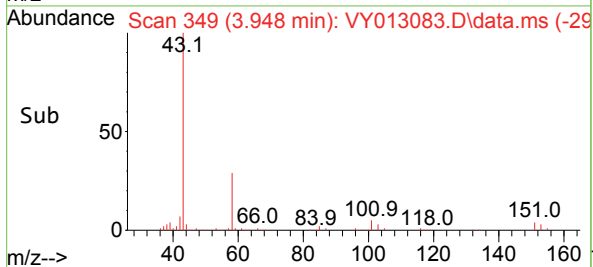
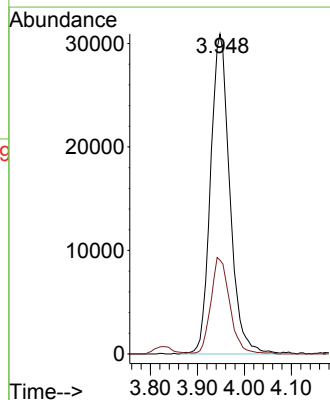
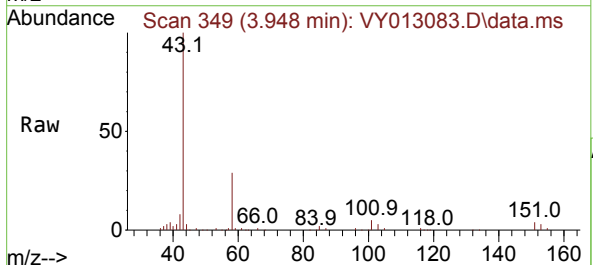
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

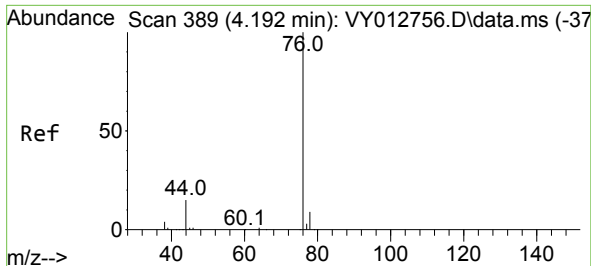
Tgt Ion: 53	Resp: 71070
Ion Ratio	Lower Upper
53 100	
52 83.6	66.3 99.5
51 37.3	28.8 43.2



#16
Acetone
Concen: 219.331 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 43	Resp: 87901
Ion Ratio	Lower Upper
43 100	
58 29.3	24.2 36.2

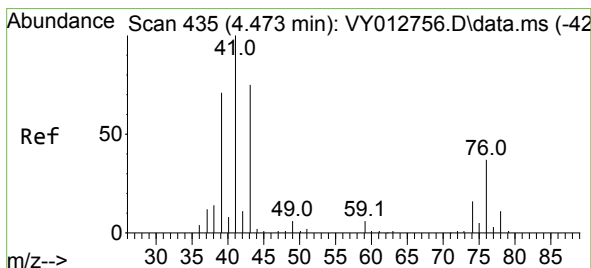
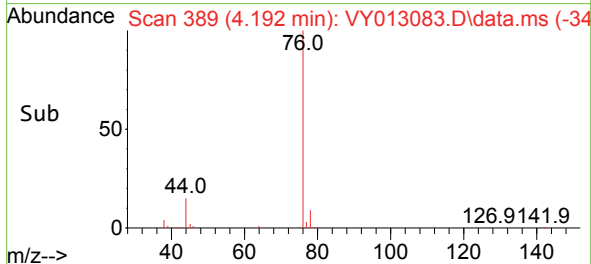
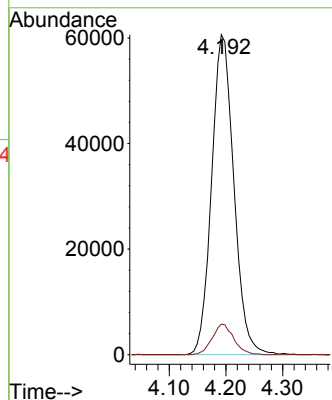
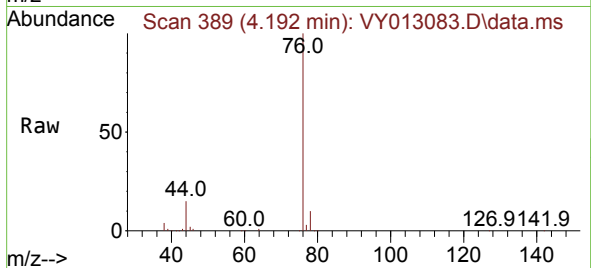




#17
Carbon Disulfide
Concen: 45.788 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

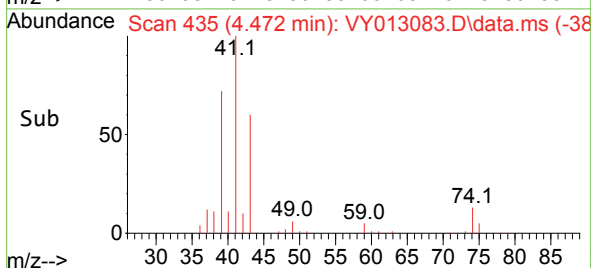
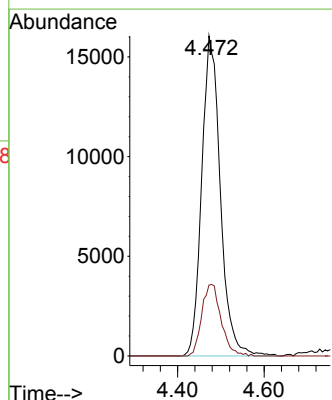
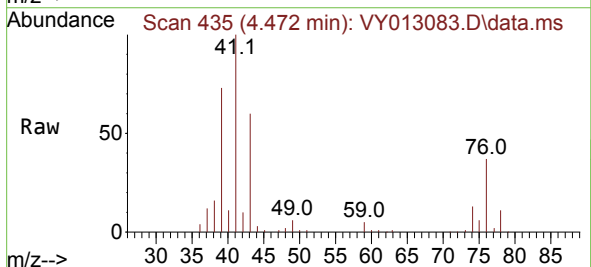
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

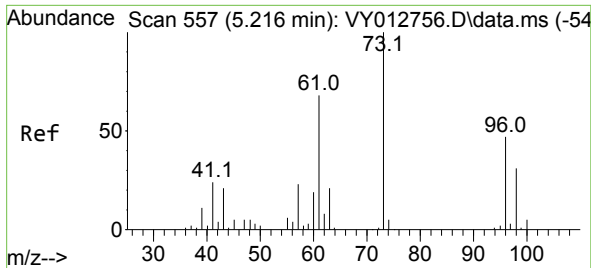
Tgt Ion: 76 Resp: 165049
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 40.226 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 43 Resp: 48009
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0

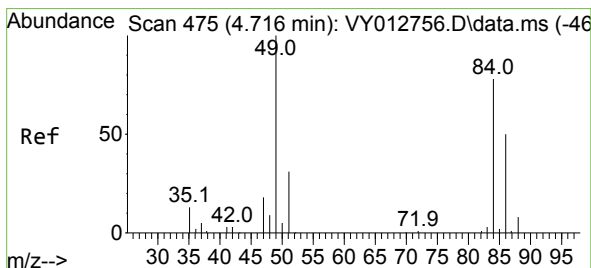
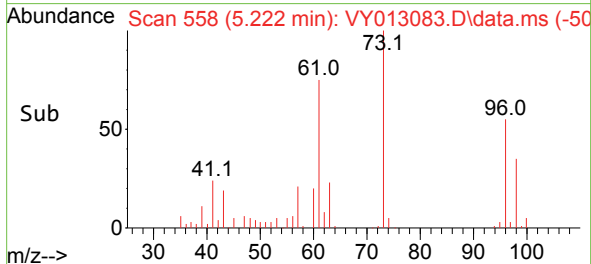
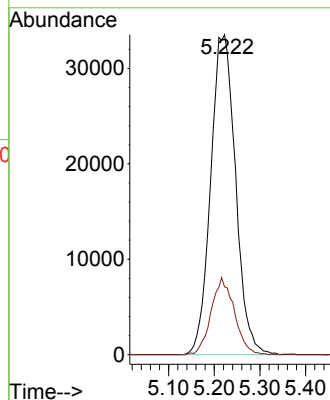
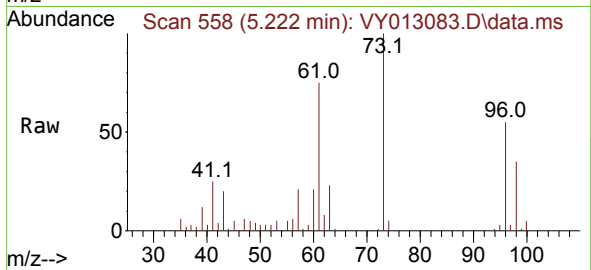




#19
Methyl tert-butyl Ether
Concen: 46.374 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

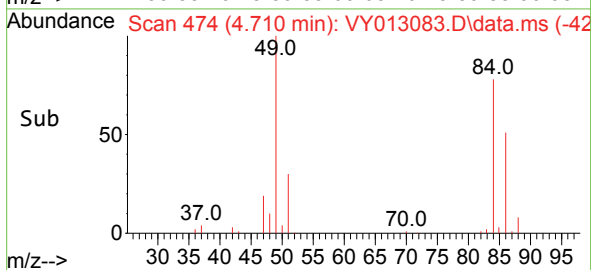
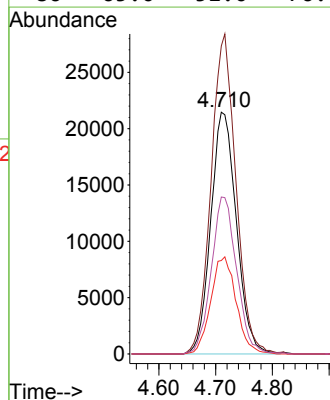
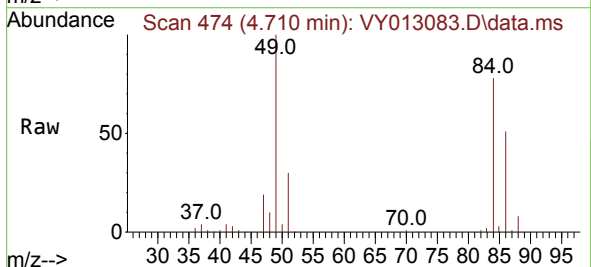
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

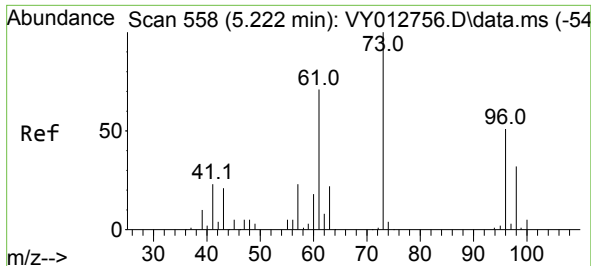
Tgt Ion: 73 Resp: 126849
Ion Ratio Lower Upper
73 100
57 21.2 18.3 27.5



#20
Methylene Chloride
Concen: 55.699 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

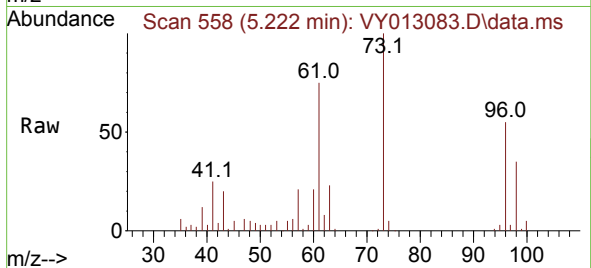
Tgt Ion: 84 Resp: 67369
Ion Ratio Lower Upper
84 100
49 127.4 102.6 154.0
51 38.6 31.9 47.9
86 65.0 51.0 76.6



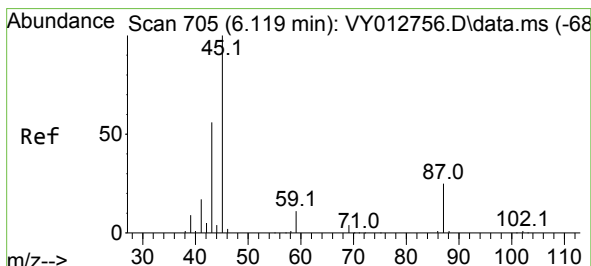
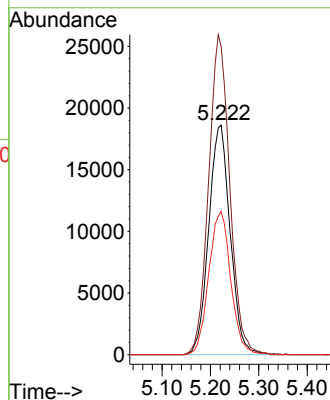
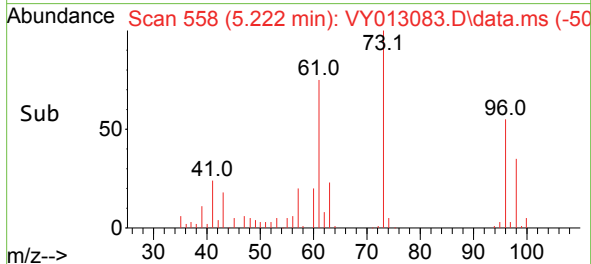


#21
trans-1,2-Dichloroethene
Concen: 49.937 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

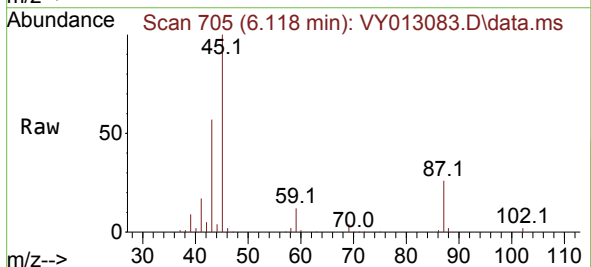
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



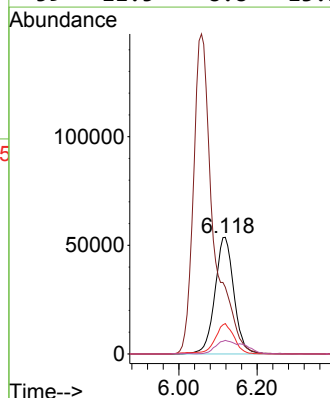
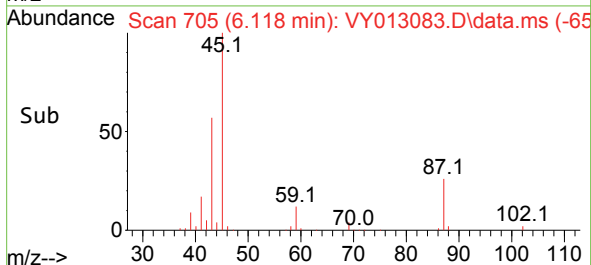
Tgt Ion: 96 Resp: 57468
Ion Ratio Lower Upper
96 100
61 134.3 111.4 167.0
98 62.4 50.8 76.2

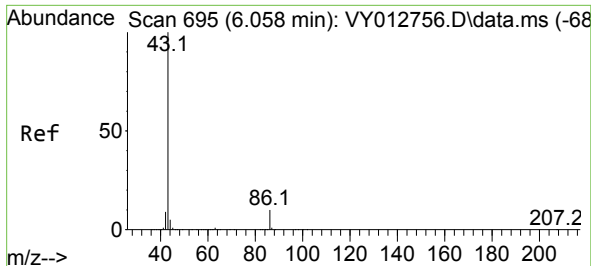


#22
Diisopropyl ether
Concen: 50.778 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16



Tgt Ion: 45 Resp: 180414
Ion Ratio Lower Upper
45 100
43 56.7 45.0 67.6
87 26.1 20.3 30.5
59 11.5 8.8 13.2

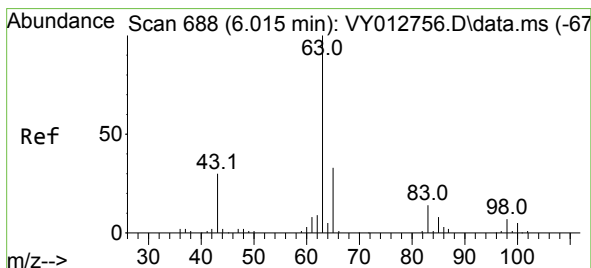
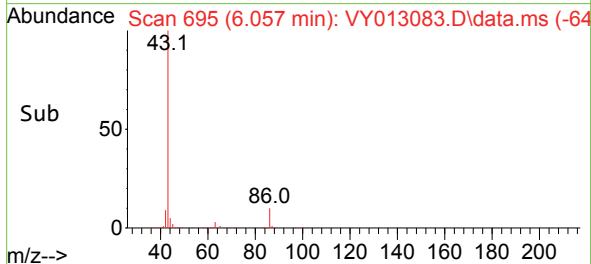
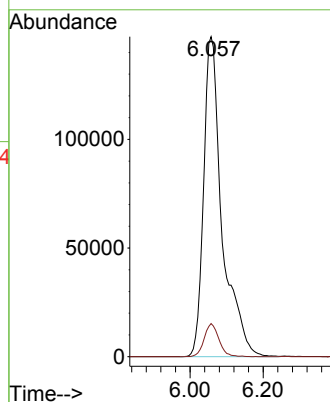
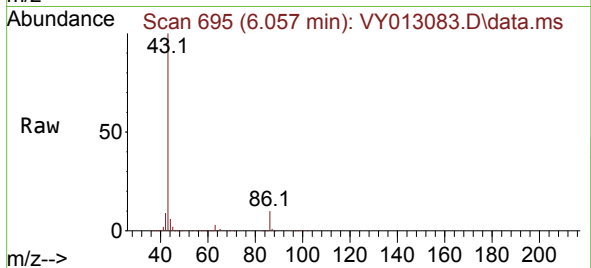




#23
 Vinyl Acetate
 Concen: 234.078 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY013083.D
 Acq: 24 Mar 2023 17:16

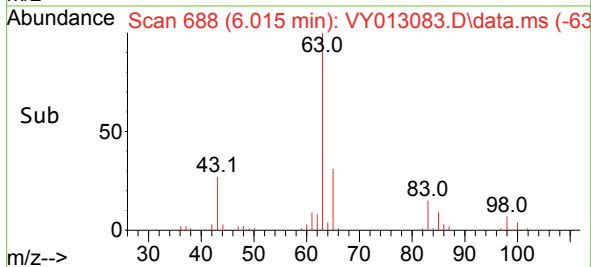
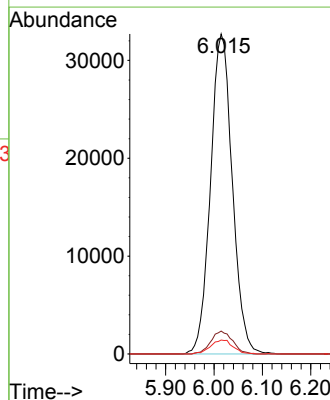
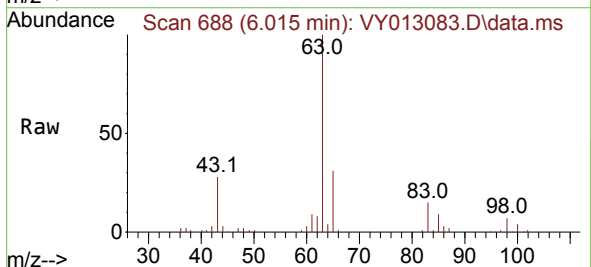
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

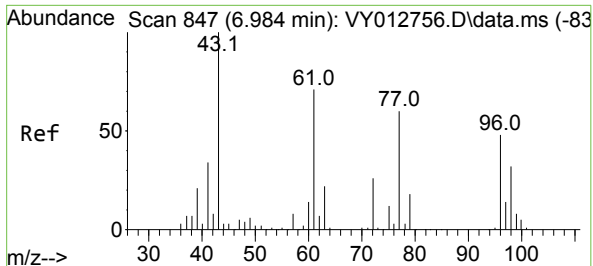
Tgt Ion: 43 Resp: 516755
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.637 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013083.D
 Acq: 24 Mar 2023 17:16

Tgt Ion: 63 Resp: 102521
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.4 2.3 6.8

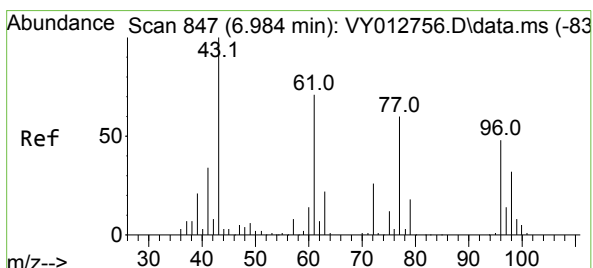
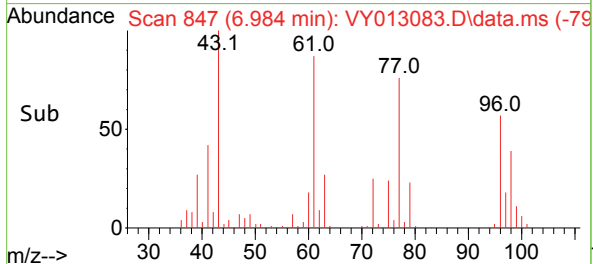
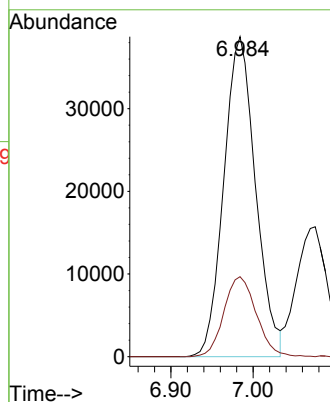
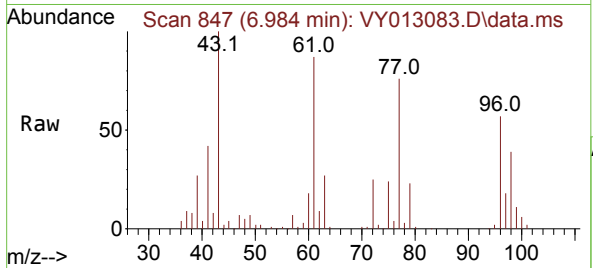




#25
2-Butanone
Concen: 209.472 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

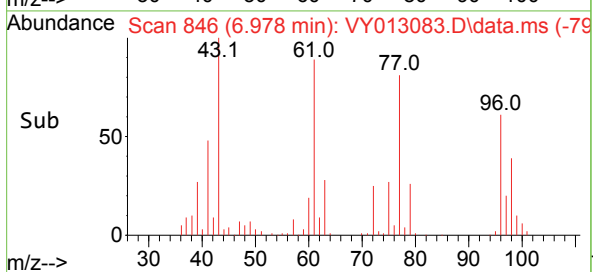
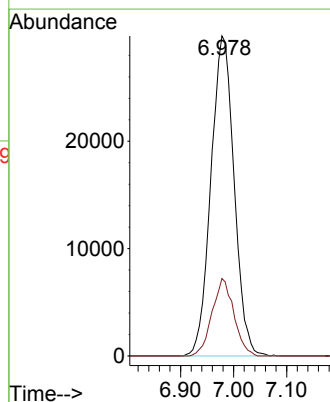
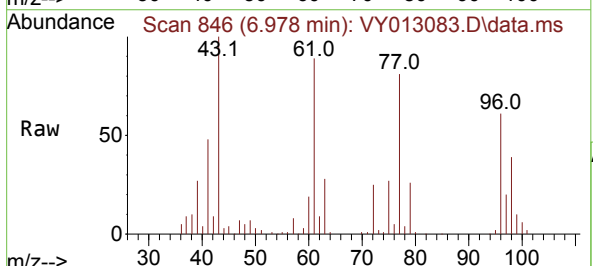
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

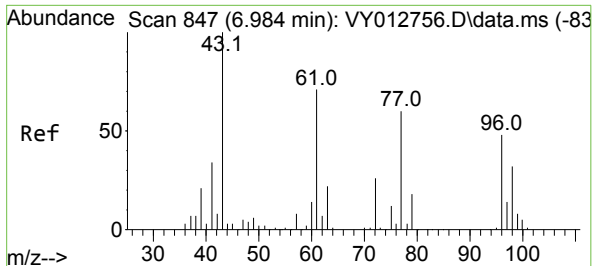
Tgt Ion: 43 Resp: 103979
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.4



#26
2,2-Dichloropropane
Concen: 50.327 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 77 Resp: 90496
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.384 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

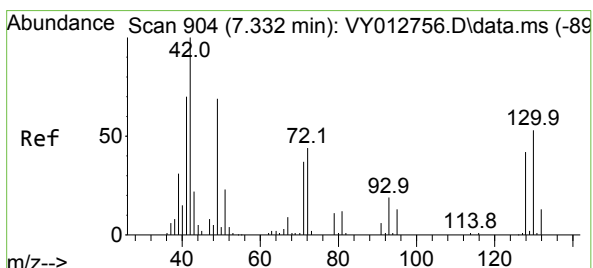
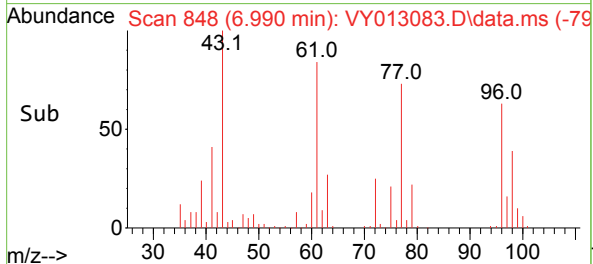
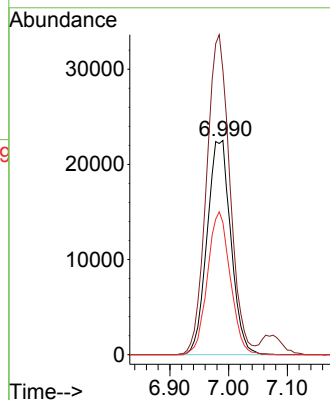
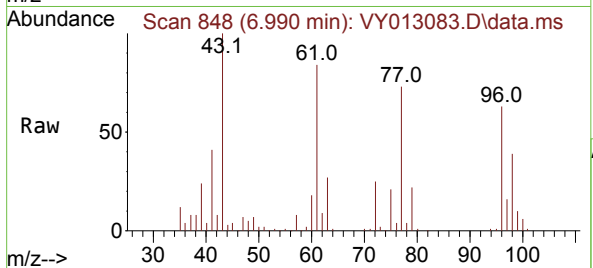
Tgt Ion: 96 Resp: 63399

Ion Ratio Lower Upper

96 100

61 146.5 0.0 295.8

98 63.8 0.0 130.2



#28

Bromochloromethane

Concen: 45.747 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

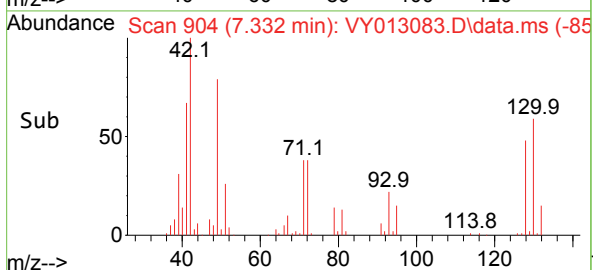
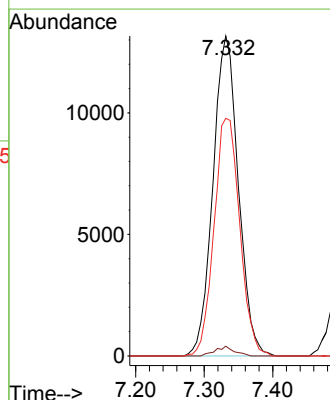
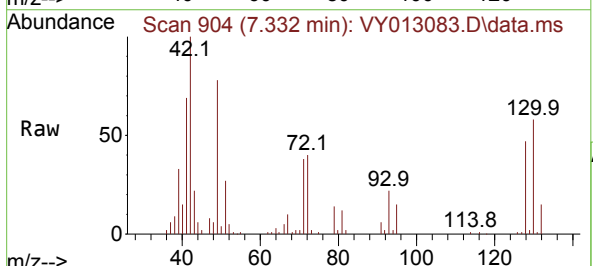
Tgt Ion: 49 Resp: 33847

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 75.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 211.914 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

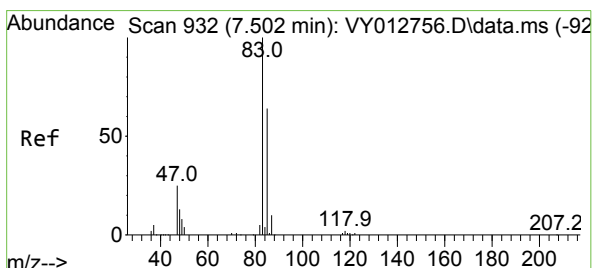
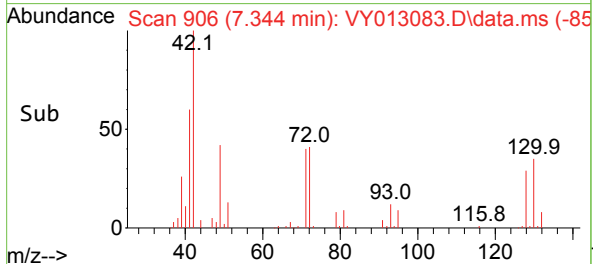
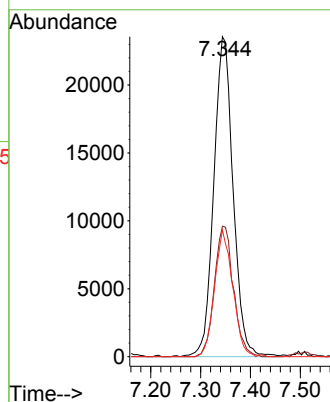
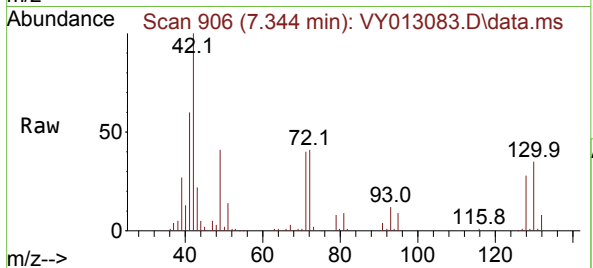
Tgt Ion: 42 Resp: 63443

Ion Ratio Lower Upper

42 100

72 40.2 32.3 48.5

71 37.2 30.3 45.5



#30

Chloroform

Concen: 53.232 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013083.D

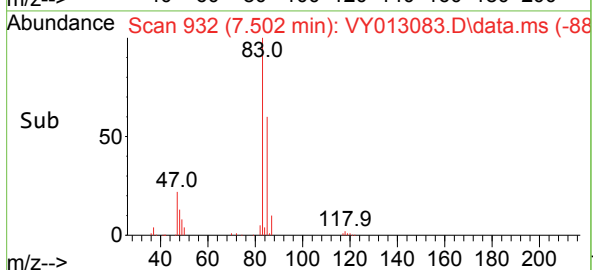
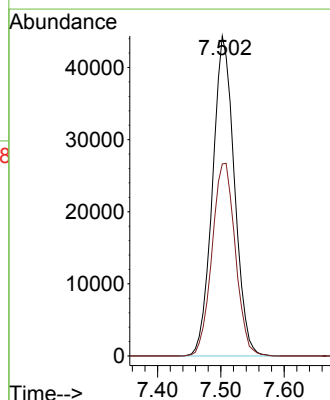
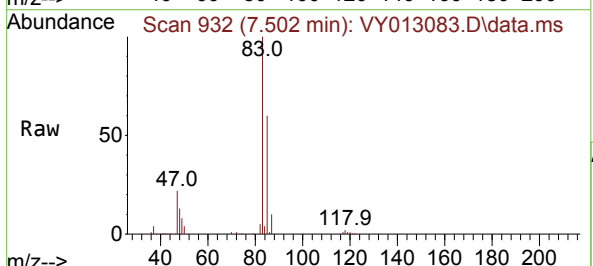
Acq: 24 Mar 2023 17:16

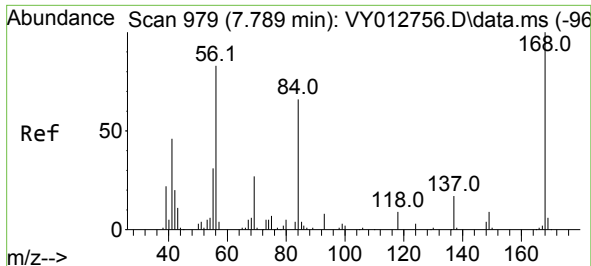
Tgt Ion: 83 Resp: 106455

Ion Ratio Lower Upper

83 100

85 60.0 51.4 77.0

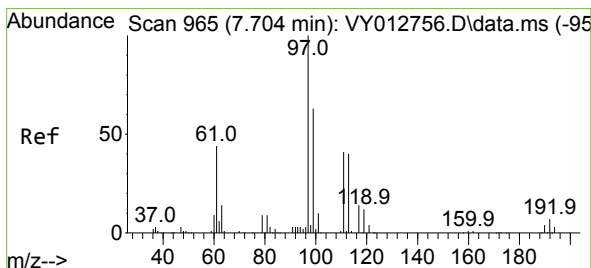
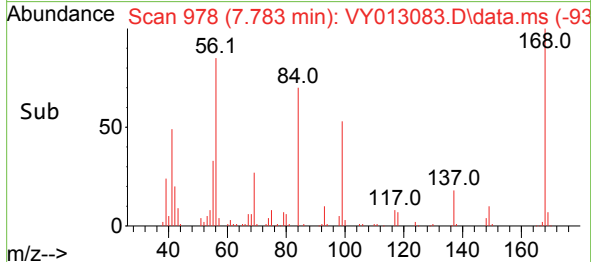
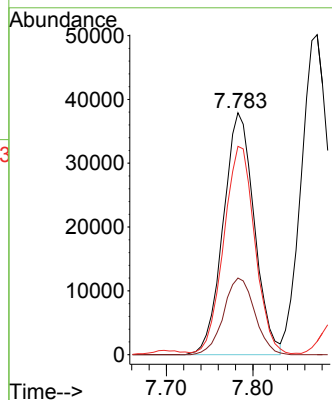
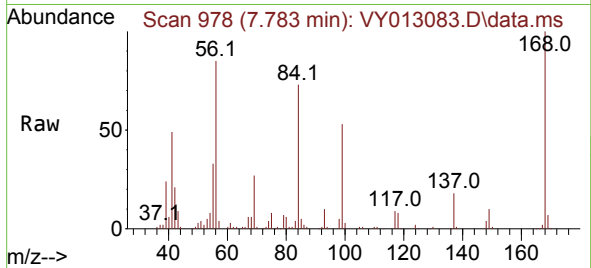




#31
Cyclohexane
Concen: 48.307 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

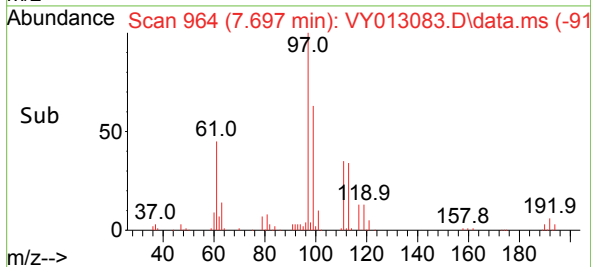
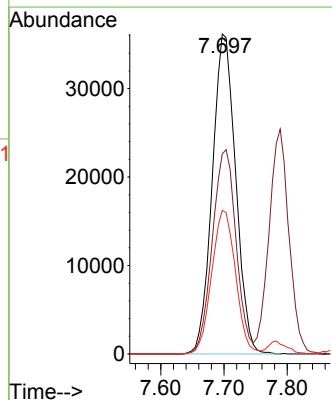
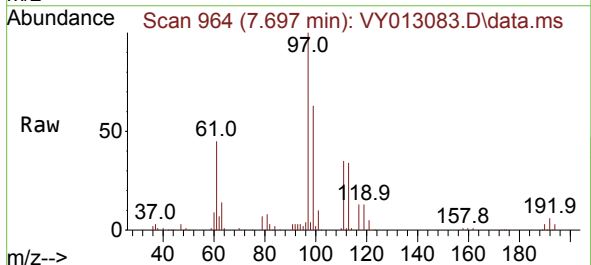
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

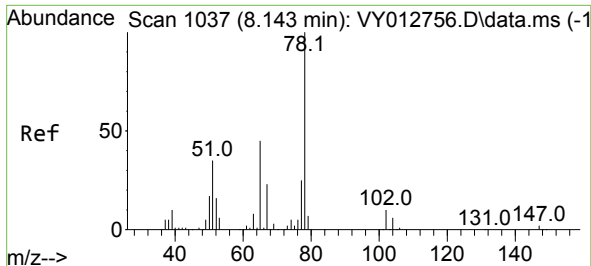
Tgt Ion: 56 Resp: 94464
Ion Ratio Lower Upper
56 100
69 31.7 25.7 38.5
84 85.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.438 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 97 Resp: 93026
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 45.7 34.5 51.7

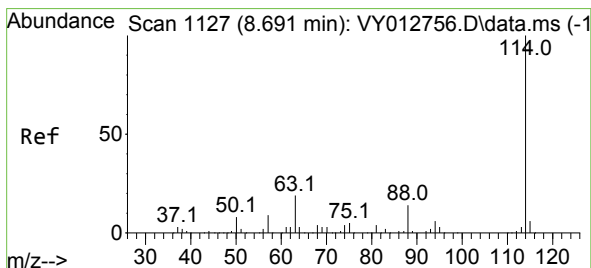
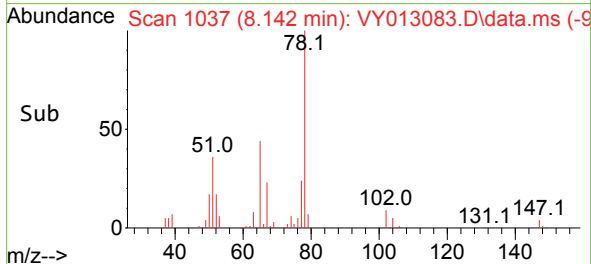
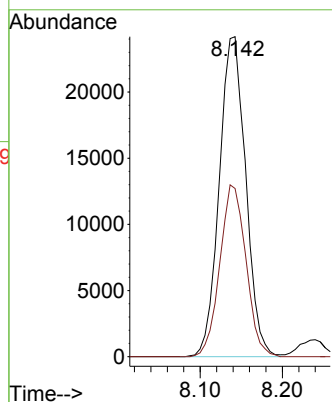
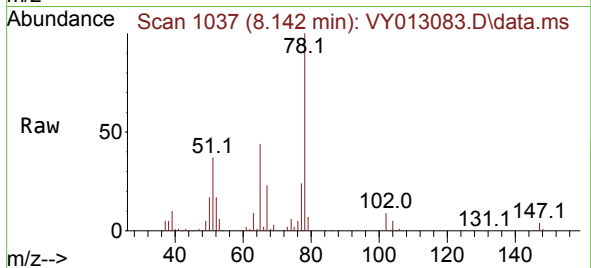




#33
1,2-Dichloroethane-d4
Concen: 52.929 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

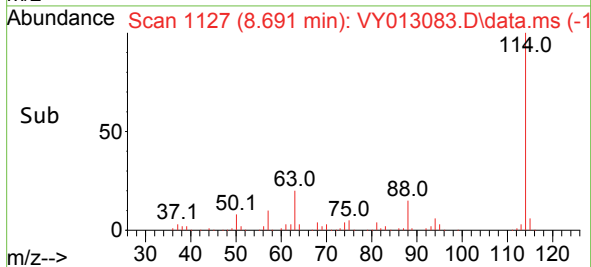
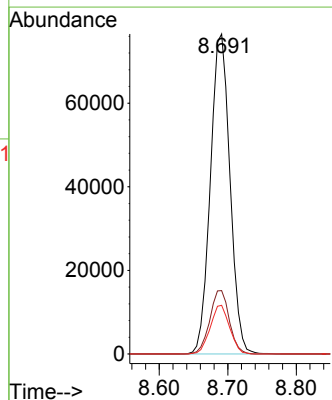
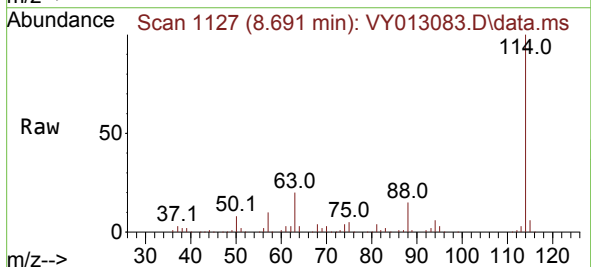
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 54043
Ion Ratio Lower Upper
65 100
67 53.1 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: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 114 Resp: 152005
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.2 0.0 28.6

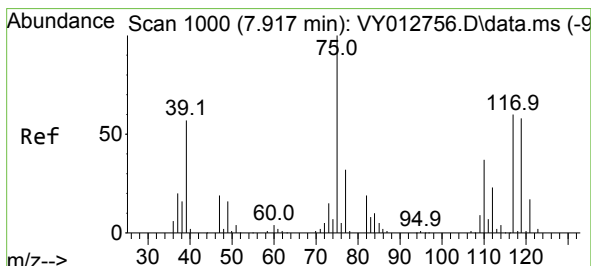
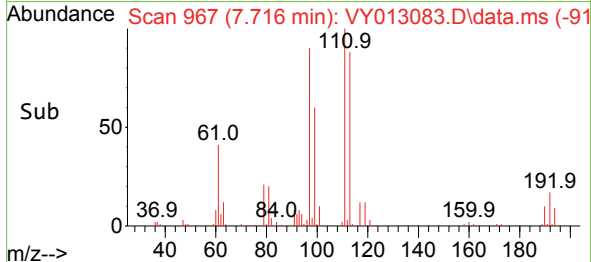
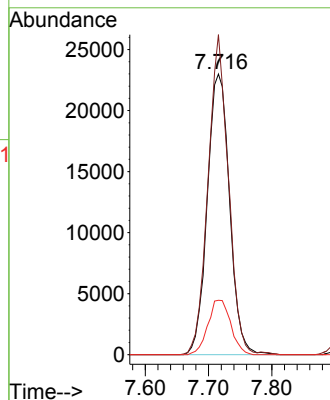
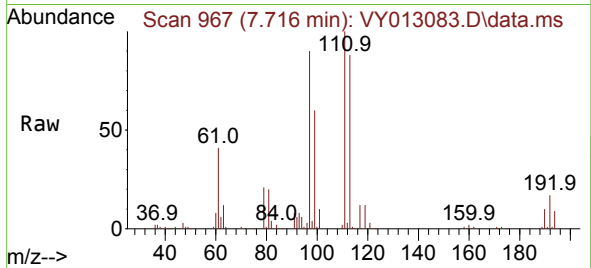




#35
Dibromofluoromethane
Concen: 61.390 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

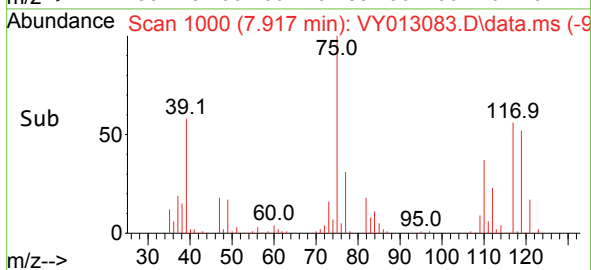
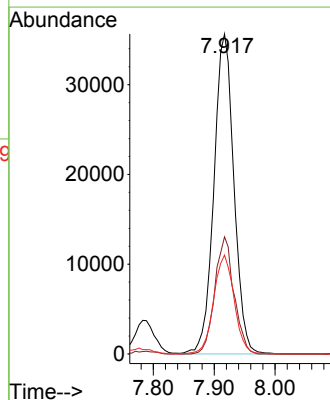
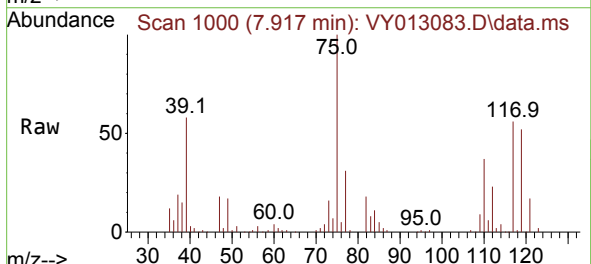
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

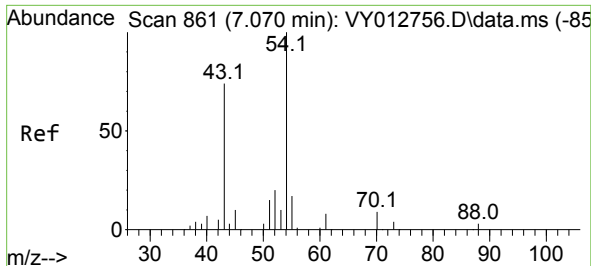
Tgt Ion:113 Resp: 56316
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.820 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 75 Resp: 81199
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 43.631 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

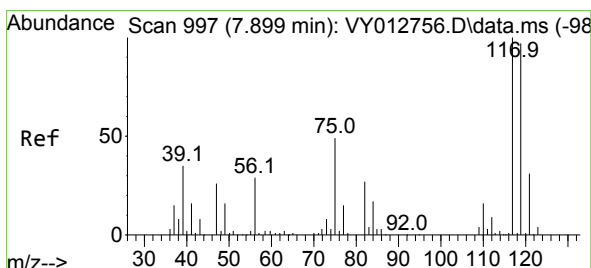
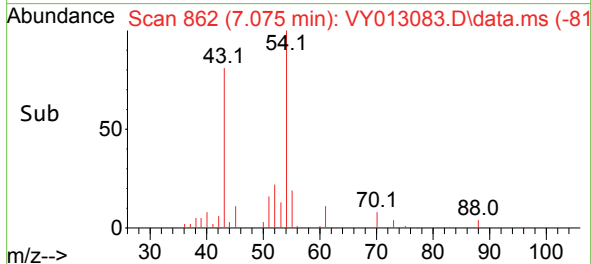
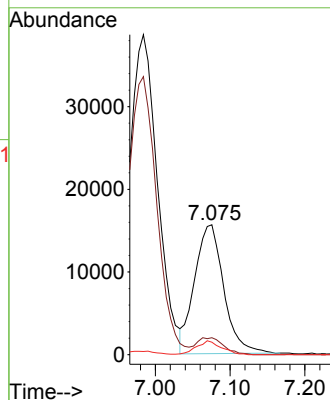
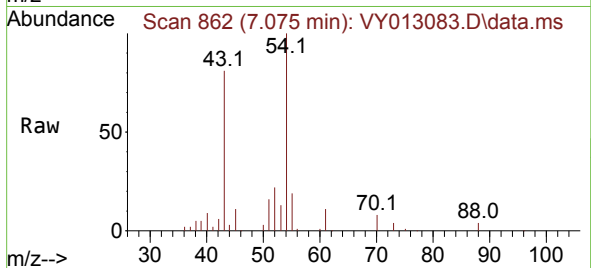
Tgt Ion: 43 Resp: 42275

Ion Ratio Lower Upper

43 100

61 12.3 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.387 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

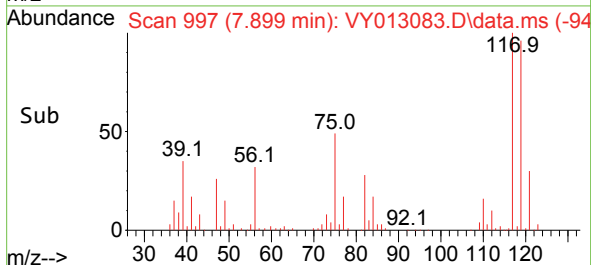
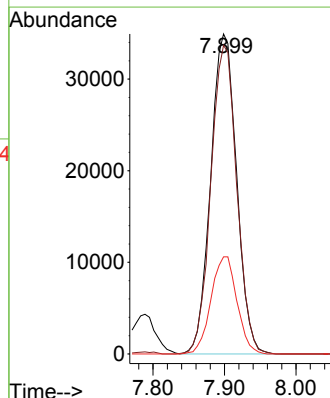
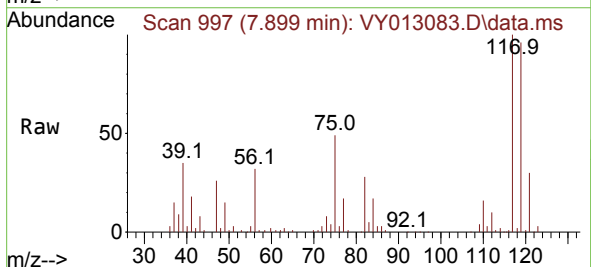
Tgt Ion: 117 Resp: 87926

Ion Ratio Lower Upper

117 100

119 96.4 77.2 115.8

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 53.098 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

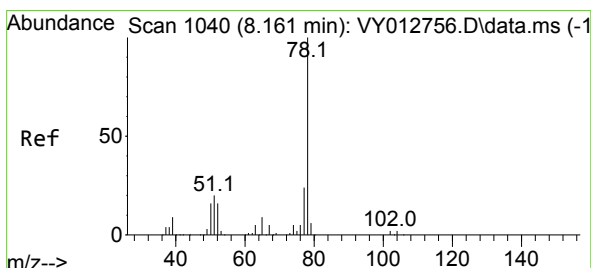
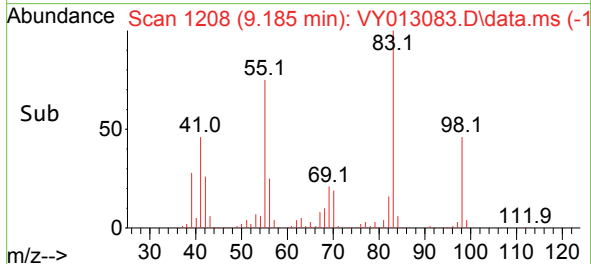
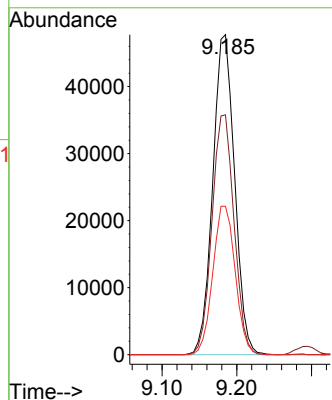
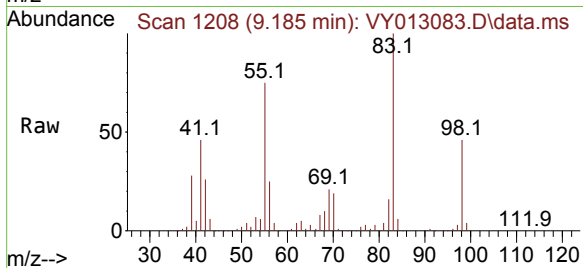
Tgt Ion: 83 Resp: 97043

Ion Ratio Lower Upper

83 100

55 74.9 60.0 90.0

98 46.3 38.3 57.5



#40

Benzene

Concen: 53.063 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013083.D

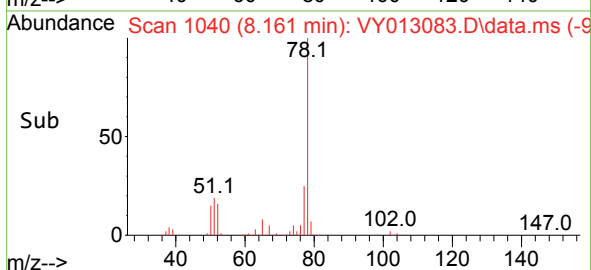
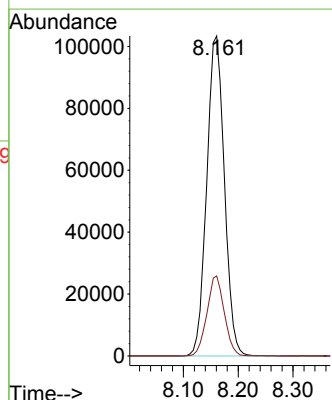
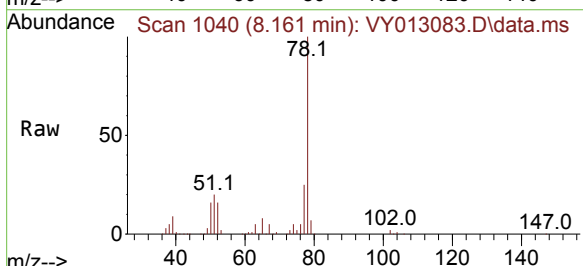
Acq: 24 Mar 2023 17:16

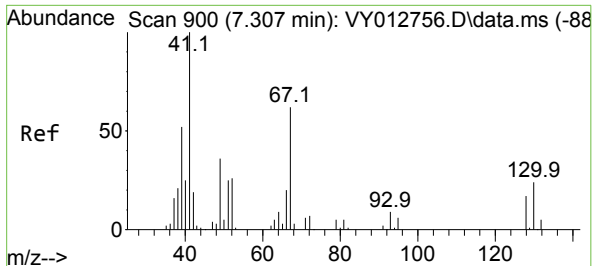
Tgt Ion: 78 Resp: 230746

Ion Ratio Lower Upper

78 100

77 25.0 19.4 29.0

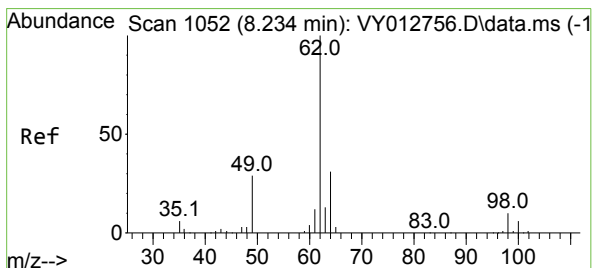
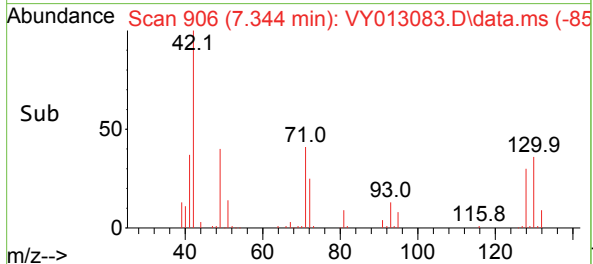
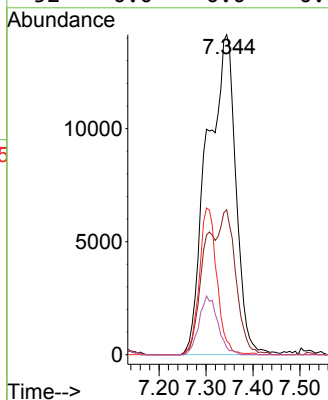
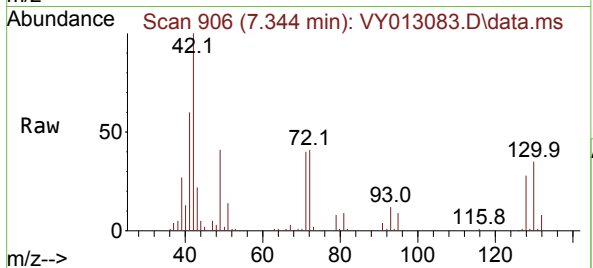




#41
Methacrylonitrile
Concen: 114.925 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

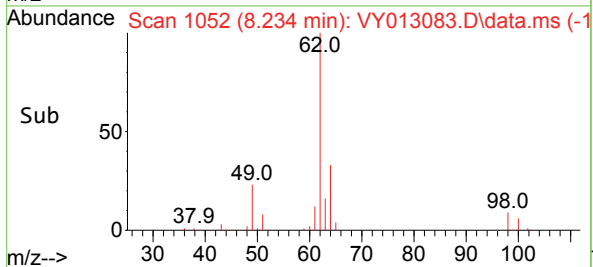
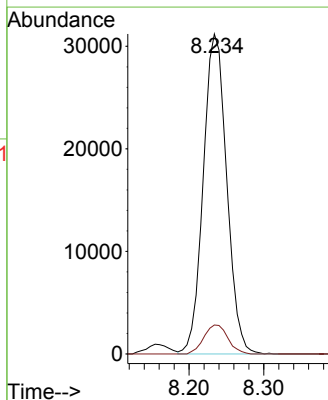
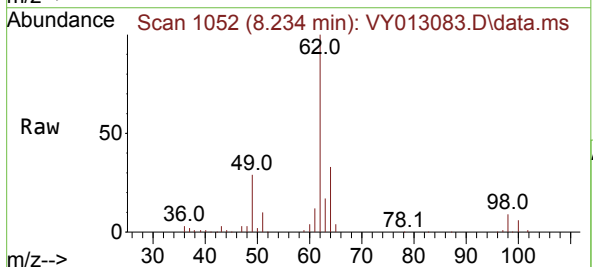
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

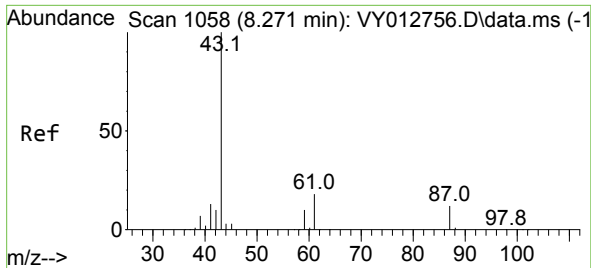
Tgt Ion:	41	Resp:	59994
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.000 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion:	62	Resp:	67984
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.8

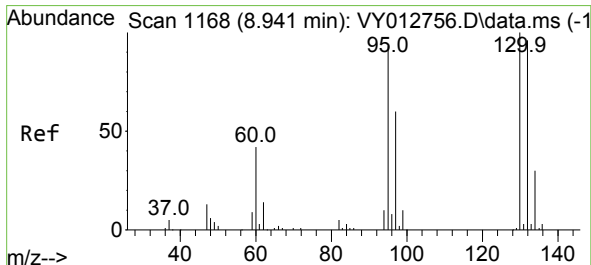
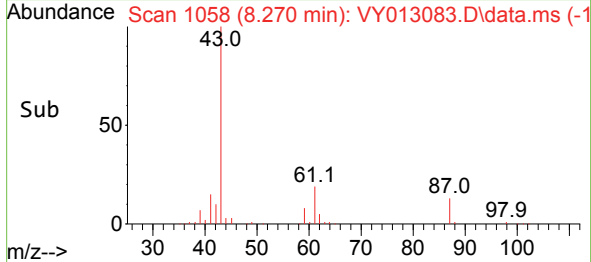
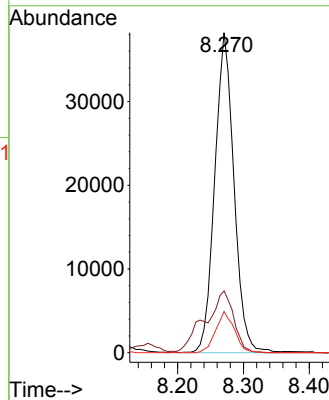
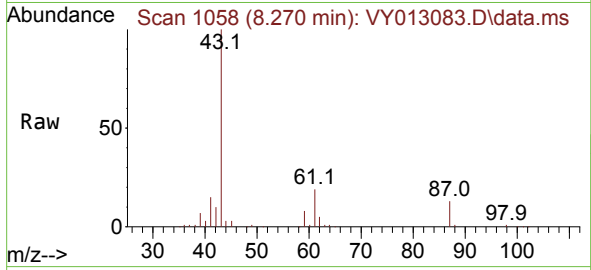




#43
Isopropyl Acetate
Concen: 44.949 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

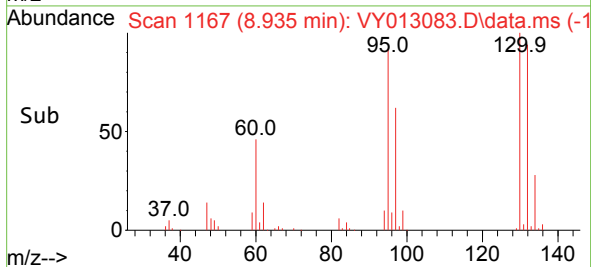
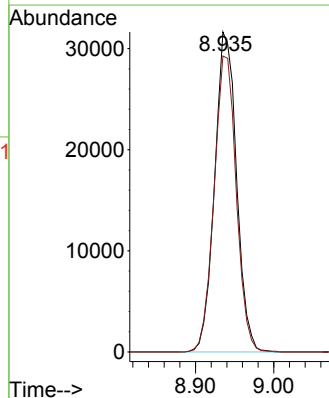
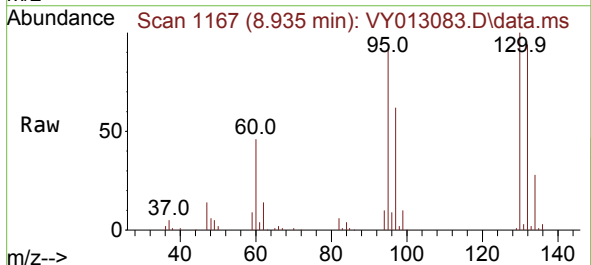
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

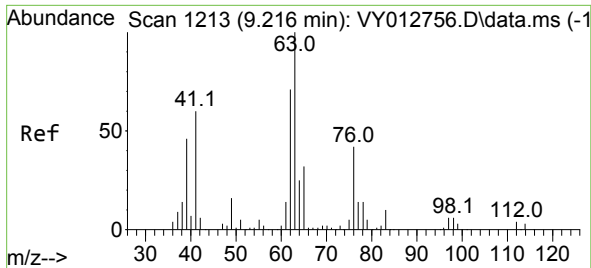
Tgt Ion: 43 Resp: 77703
Ion Ratio Lower Upper
43 100
61 28.8 21.6 32.4
87 12.6 9.9 14.9



#44
Trichloroethene
Concen: 53.647 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion:130 Resp: 61507
Ion Ratio Lower Upper
130 100
95 92.5 0.0 185.0

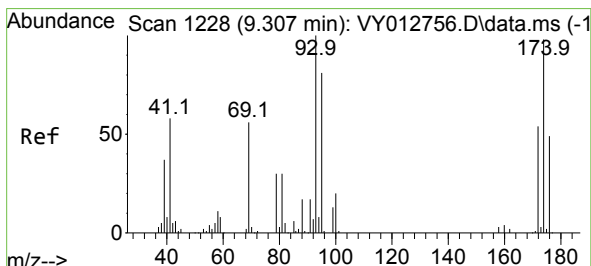
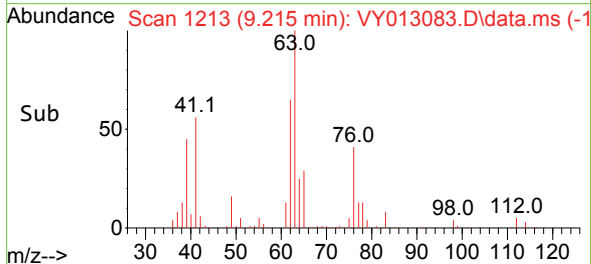
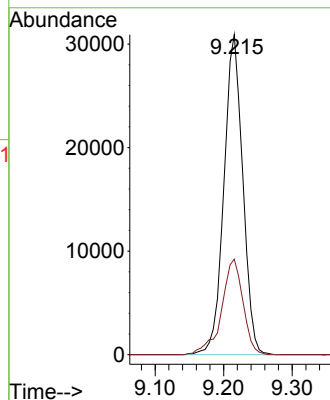
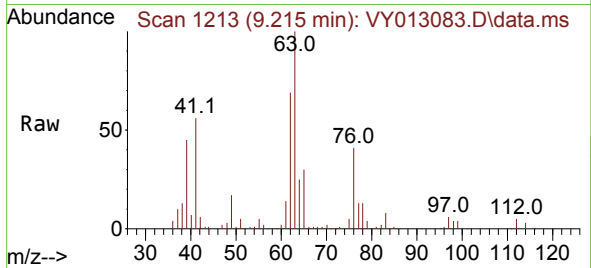




#45
1,2-Dichloropropane
Concen: 53.609 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

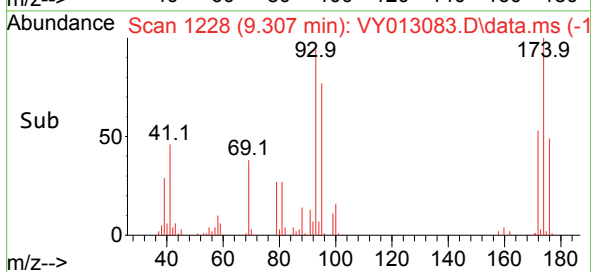
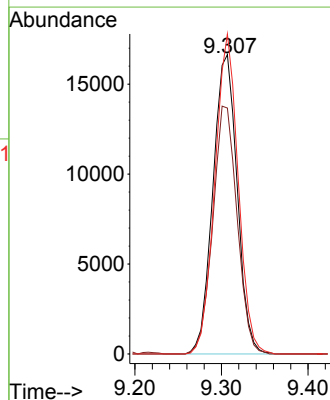
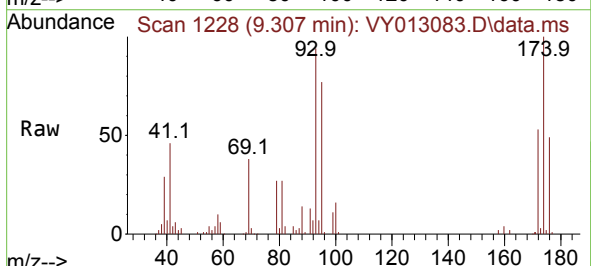
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

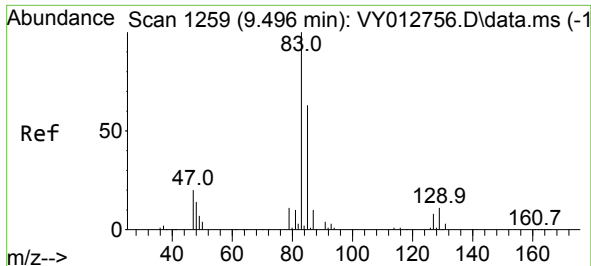
Tgt Ion: 63 Resp: 58916
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5



#46
Dibromomethane
Concen: 51.628 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 93 Resp: 32324
Ion Ratio Lower Upper
93 100
95 83.0 65.6 98.4
174 102.9 81.3 121.9

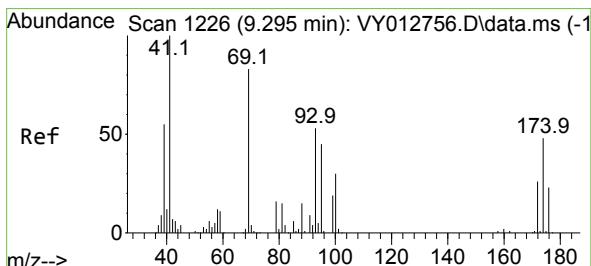
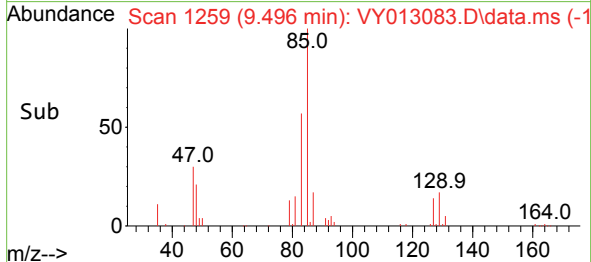
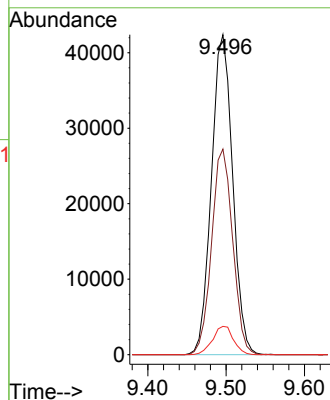
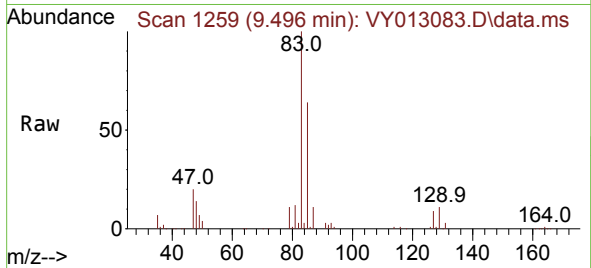




#47
Bromodichloromethane
Concen: 53.954 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

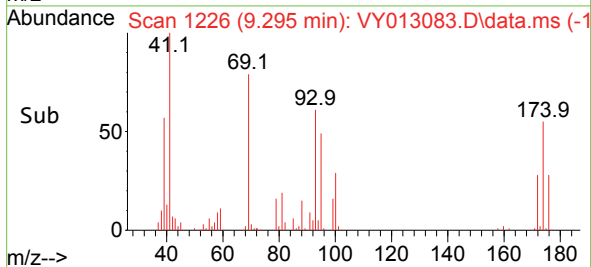
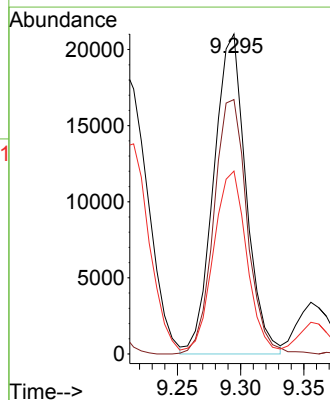
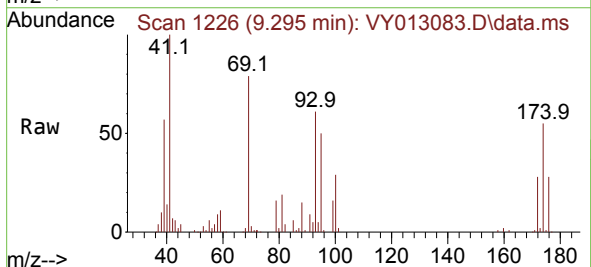
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

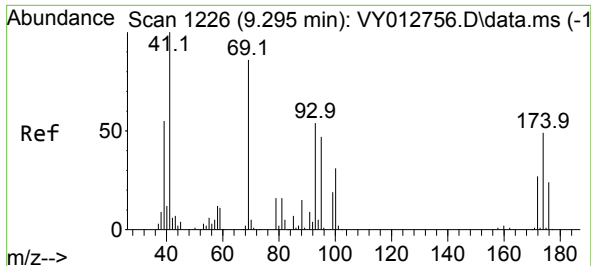
Tgt Ion: 83 Resp: 79605
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 46.991 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 41 Resp: 37430
Ion Ratio Lower Upper
41 100
69 81.6 64.1 96.1
39 56.5 44.0 66.0





#49

1,4-Dioxane

Concen: 927.124 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

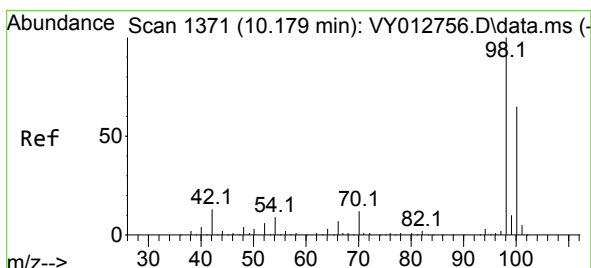
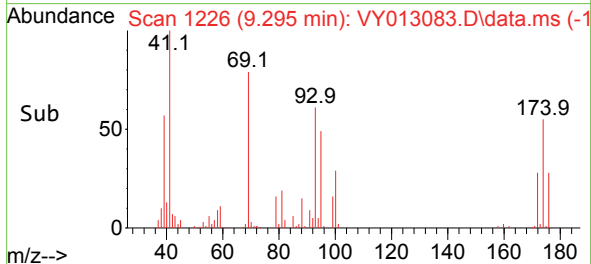
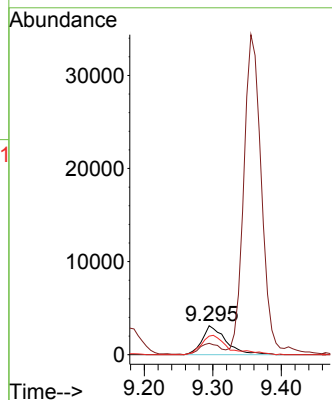
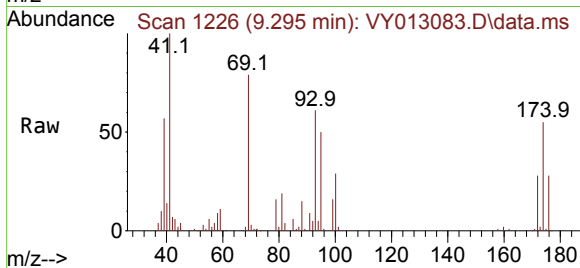
Tgt Ion: 88 Resp: 7504

Ion Ratio Lower Upper

88 100

43 34.7 28.6 42.8

58 75.4 55.2 82.8



#50

Toluene-d8

Concen: 53.283 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013083.D

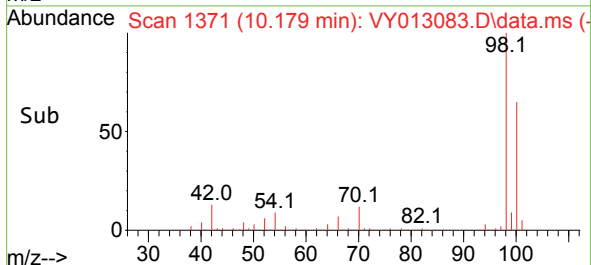
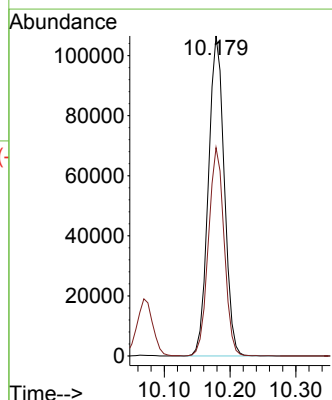
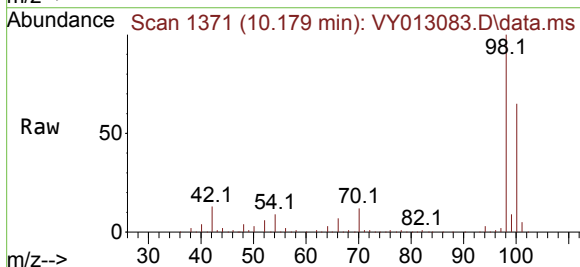
Acq: 24 Mar 2023 17:16

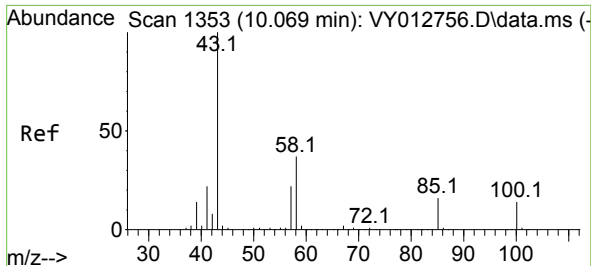
Tgt Ion: 98 Resp: 178693

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 245.561 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

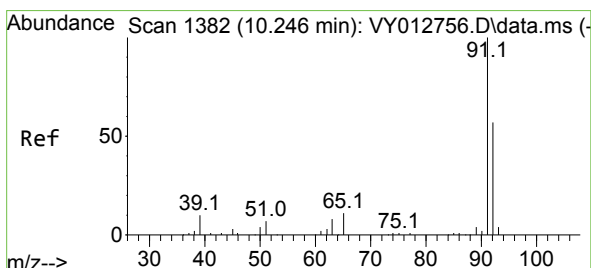
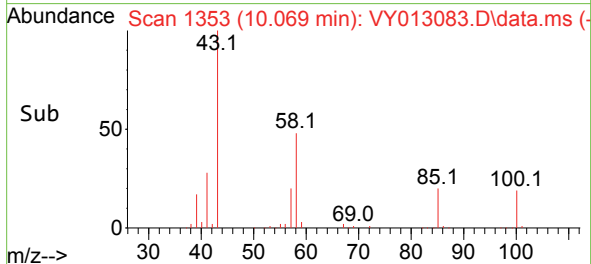
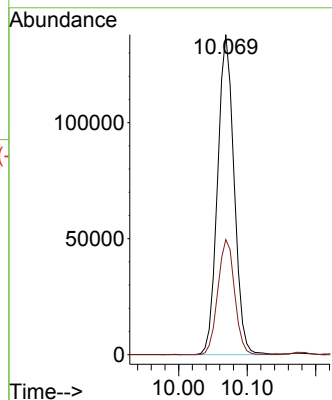
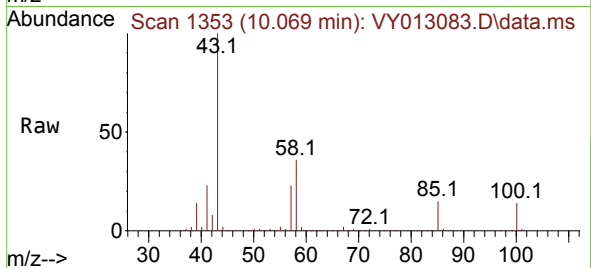
VSTDCCC050EC

Tgt Ion: 43 Resp: 230261

Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.6



#52

Toluene

Concen: 54.817 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY013083.D

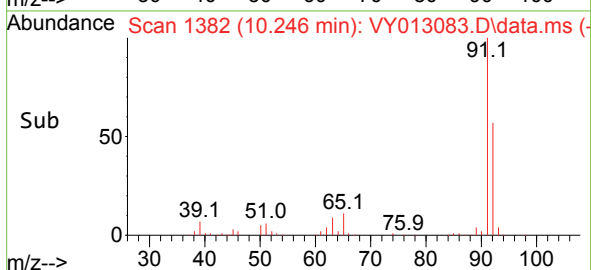
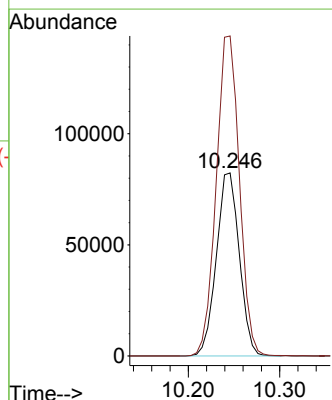
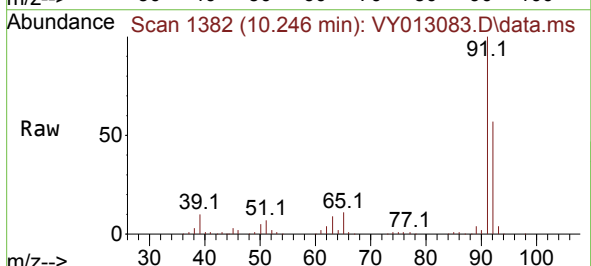
Acq: 24 Mar 2023 17:16

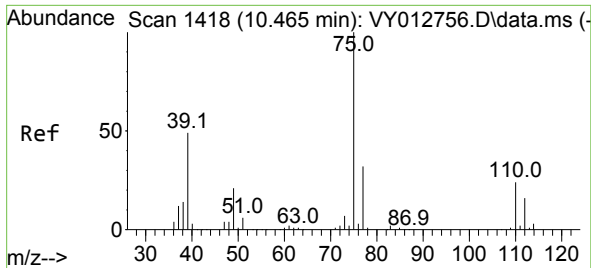
Tgt Ion: 92 Resp: 143758

Ion Ratio Lower Upper

92 100

91 176.7 141.3 211.9

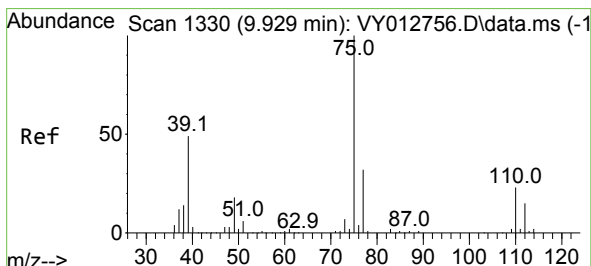
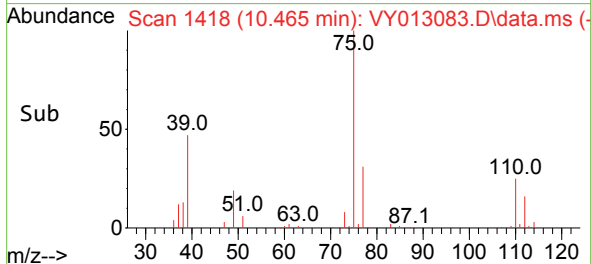
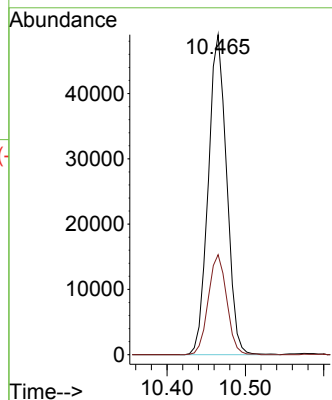
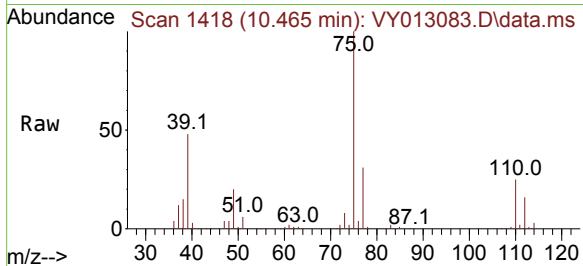




#53
t-1,3-Dichloropropene
Concen: 51.646 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

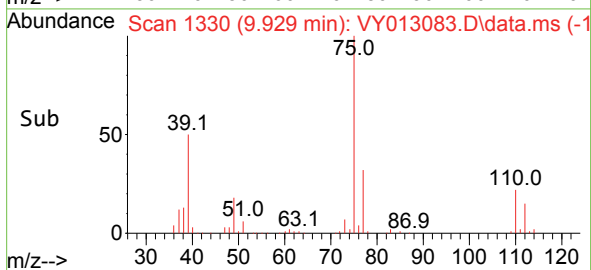
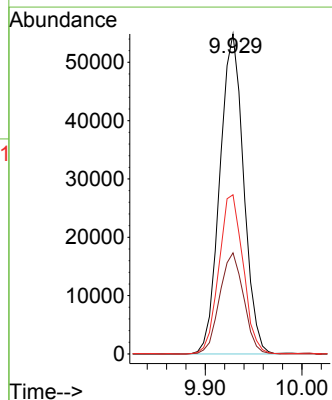
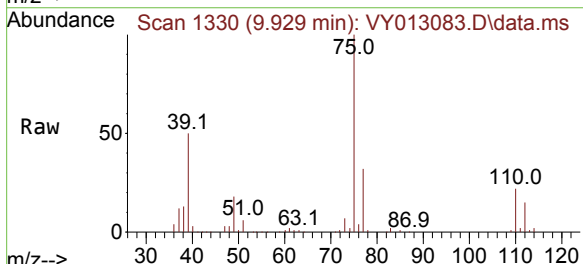
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

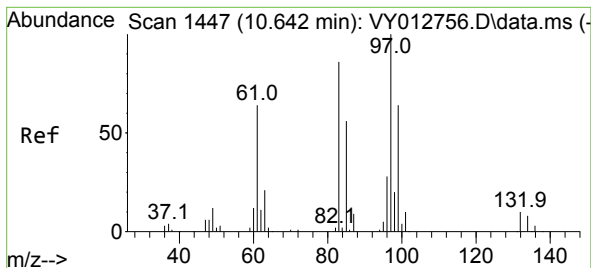
Tgt Ion: 75 Resp: 79926
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.449 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 75 Resp: 93624
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 49.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 51.334 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 44760

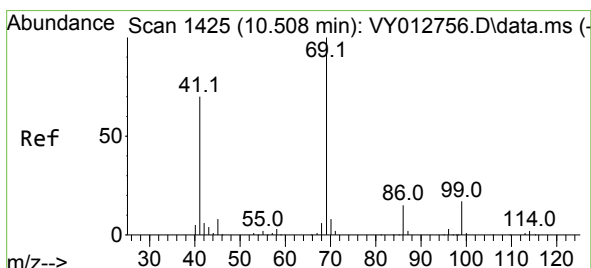
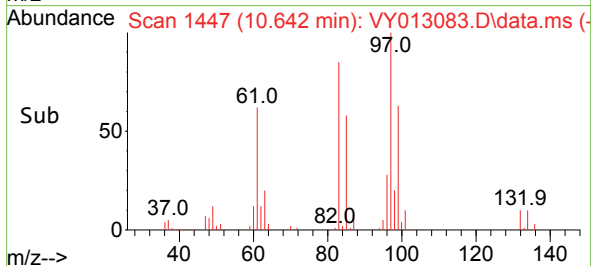
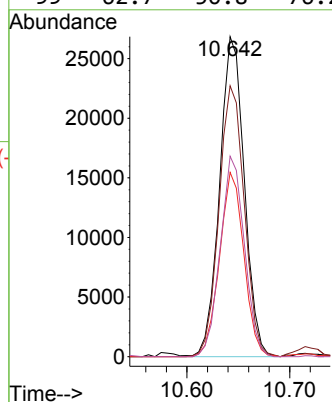
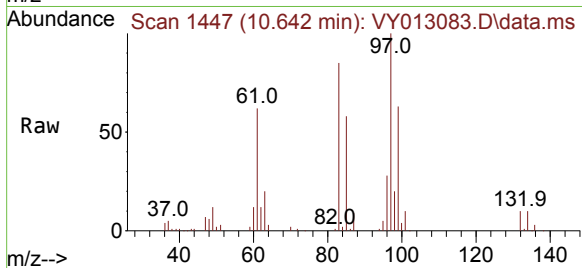
Ion Ratio Lower Upper

97 100

83 84.6 69.0 103.6

85 57.6 44.9 67.3

99 62.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 50.202 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

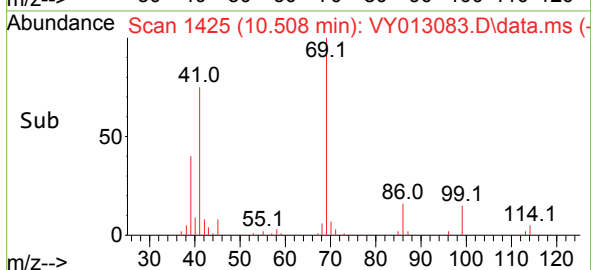
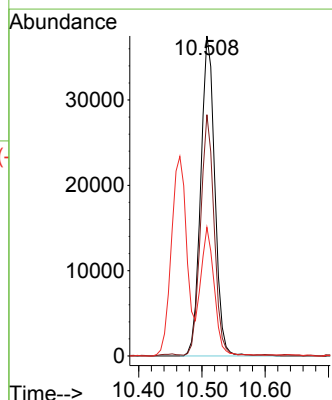
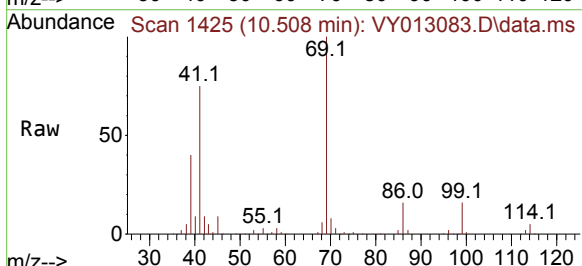
Tgt Ion: 69 Resp: 58366

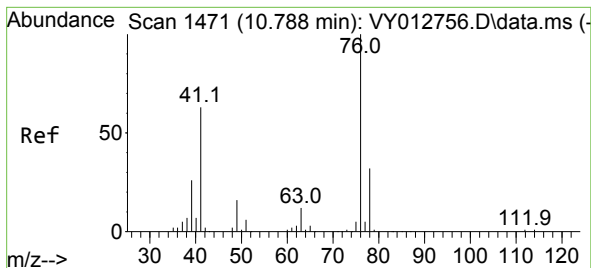
Ion Ratio Lower Upper

69 100

41 72.4 56.4 84.6

39 37.4 30.8 46.2

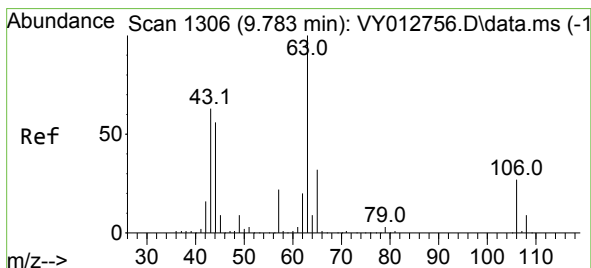
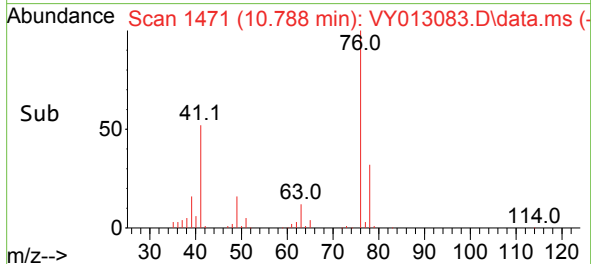
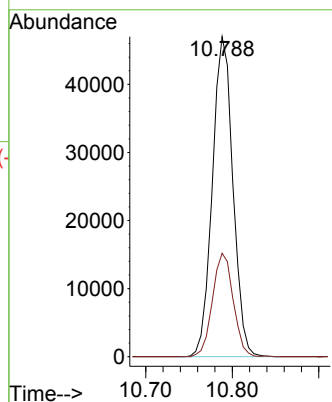
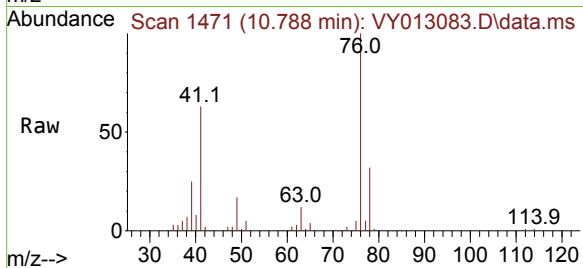




#57
1,3-Dichloropropane
Concen: 52.216 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

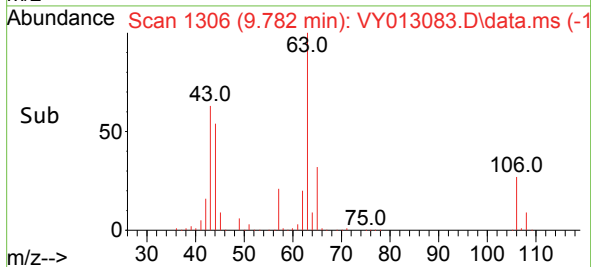
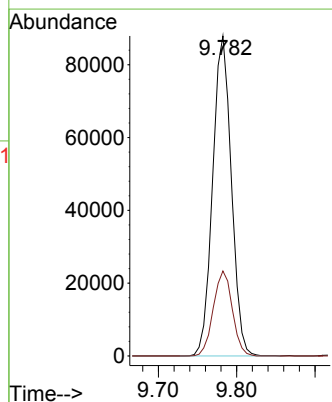
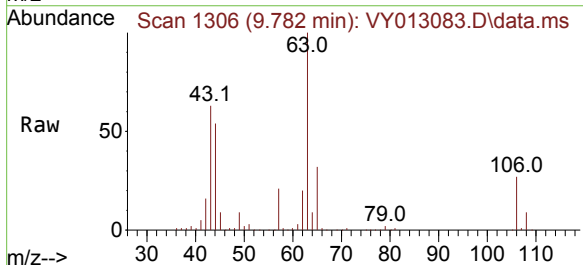
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

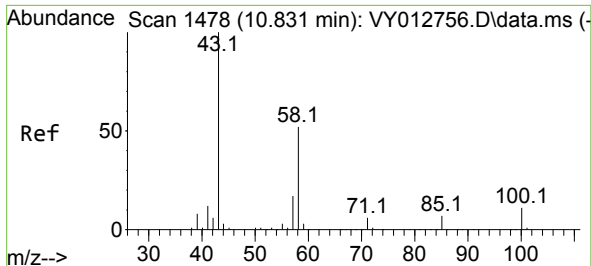
Tgt Ion: 76 Resp: 77547
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 238.461 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 63 Resp: 145540
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1

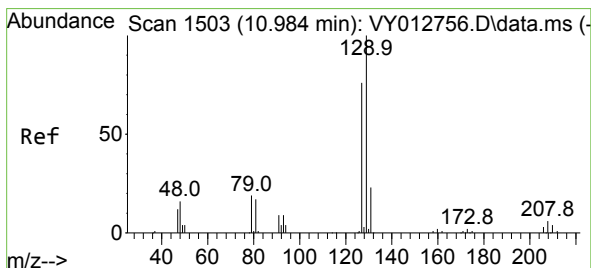
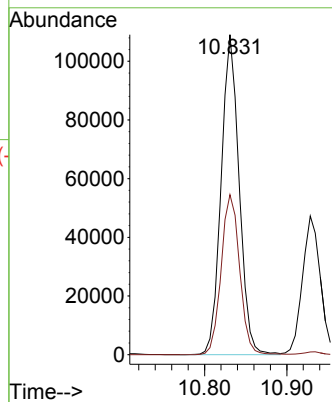
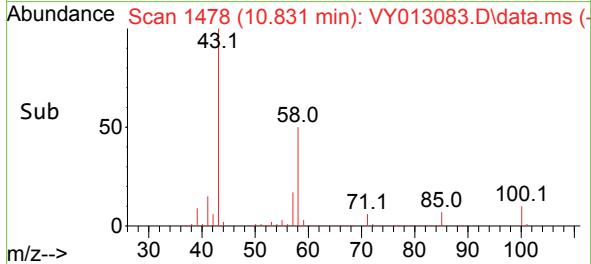
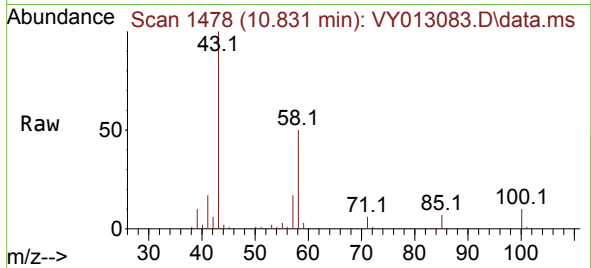




#59
2-Hexanone
Concen: 243.102 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

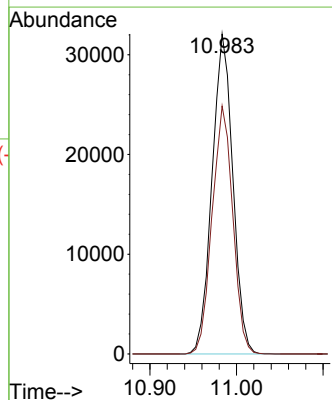
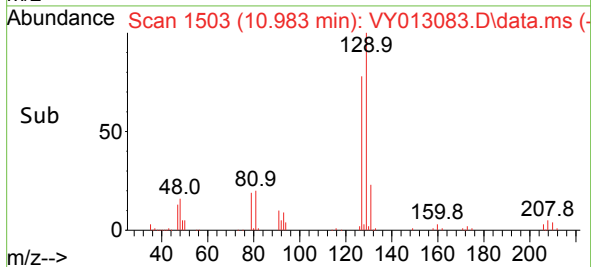
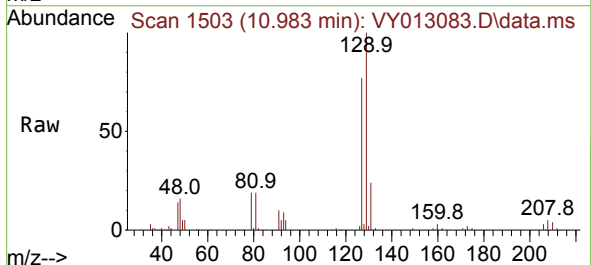
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

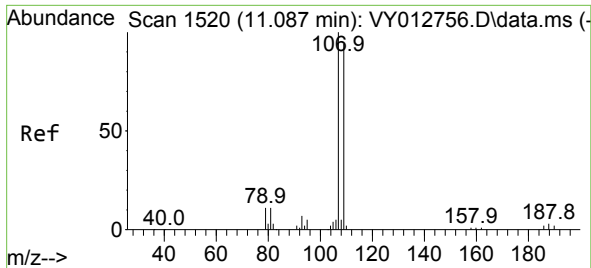
Tgt Ion: 43 Resp: 165674
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 50.372 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 129 Resp: 53464
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

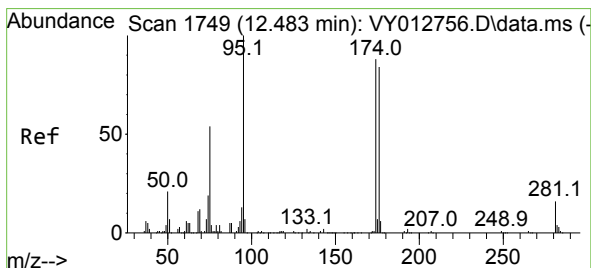
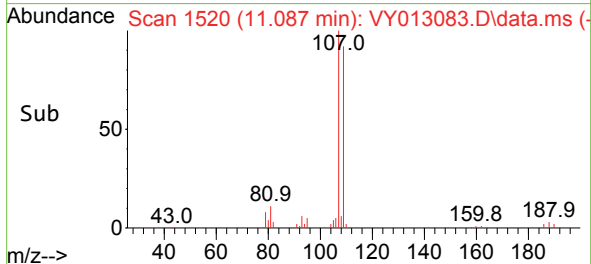
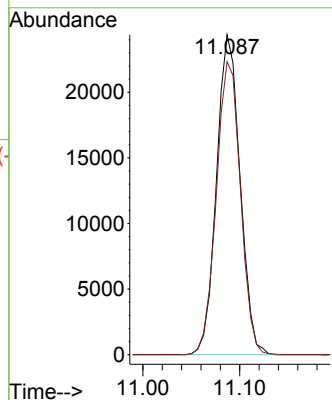
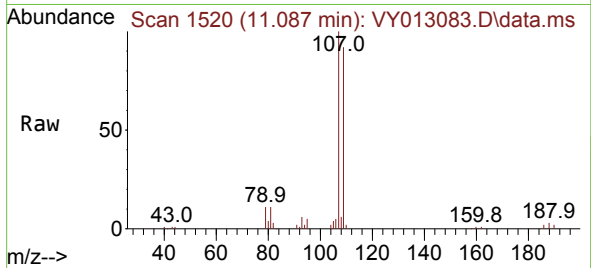




#61
1,2-Dibromoethane
Concen: 48.904 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

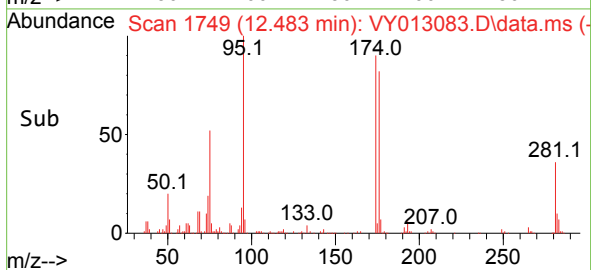
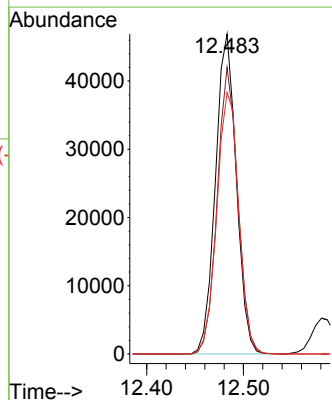
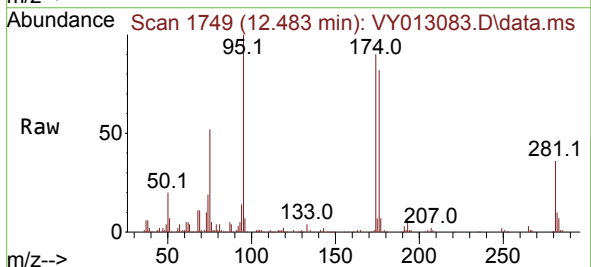
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

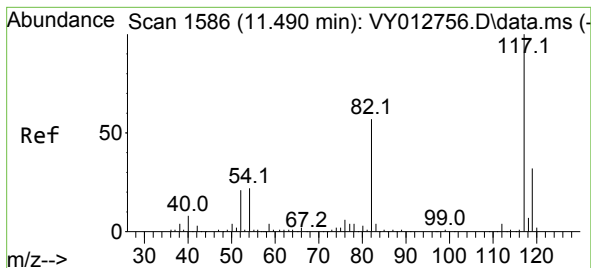
Tgt Ion:107 Resp: 41076
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 62.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 95 Resp: 70213
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 85.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

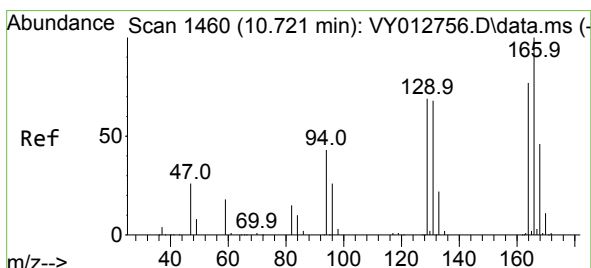
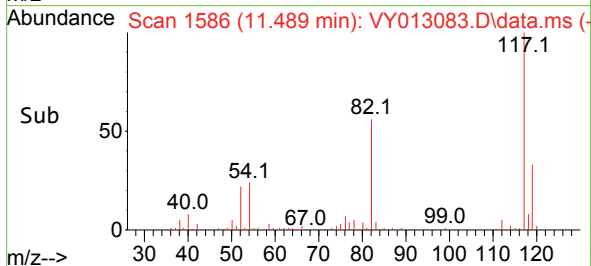
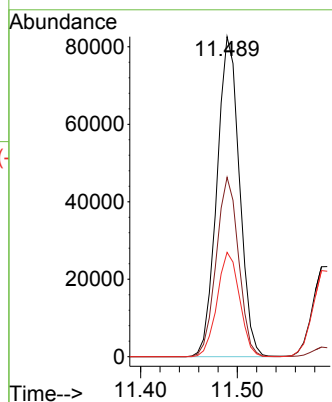
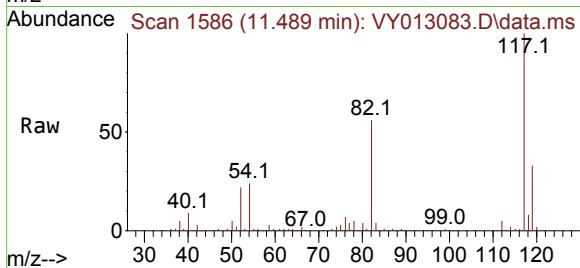
Tgt Ion:117 Resp: 133476

Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 54.987 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Tgt Ion:164 Resp: 53437

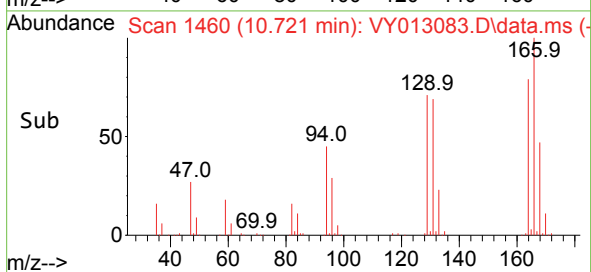
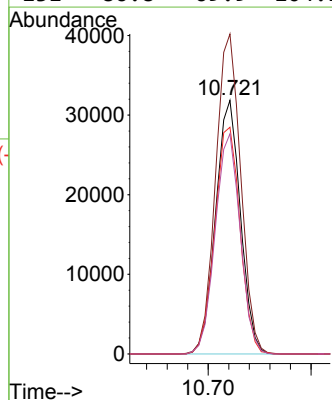
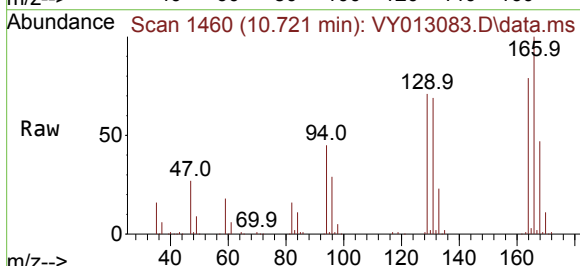
Ion Ratio Lower Upper

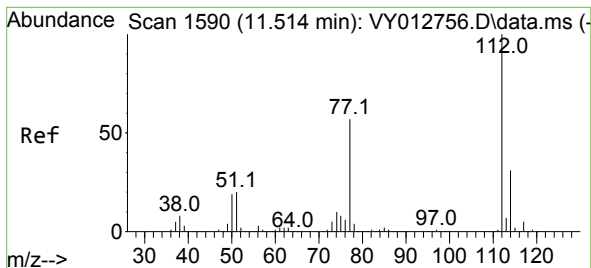
164 100

166 126.2 103.4 155.2

129 89.4 71.4 107.2

131 86.8 69.9 104.9

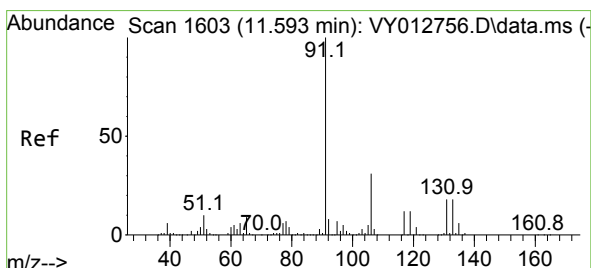
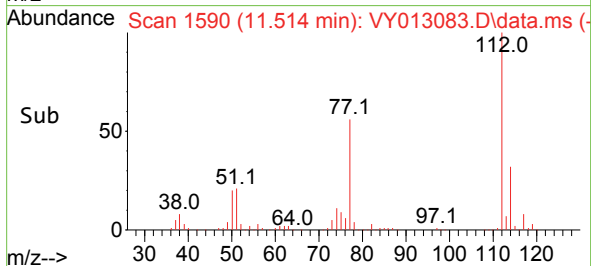
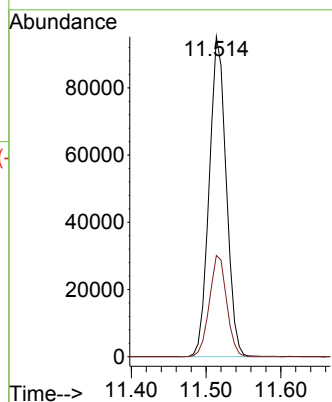
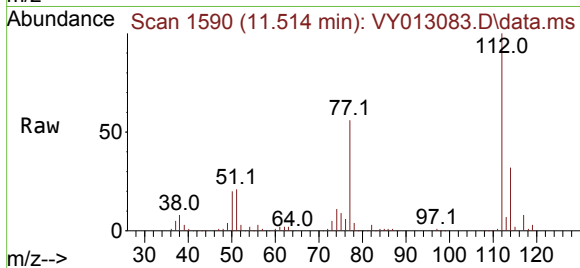




#65
Chlorobenzene
Concen: 53.707 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

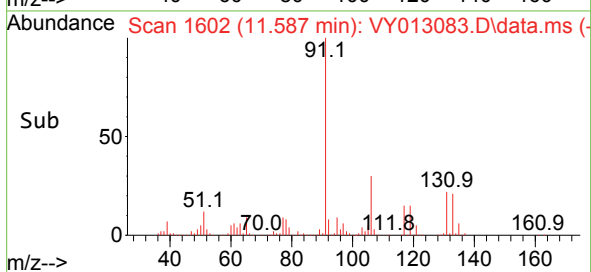
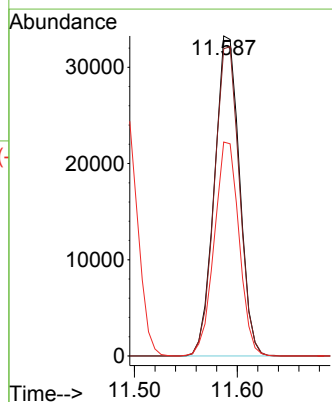
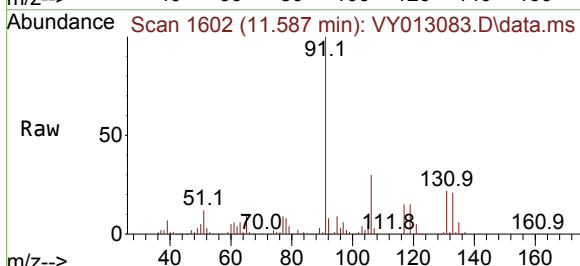
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

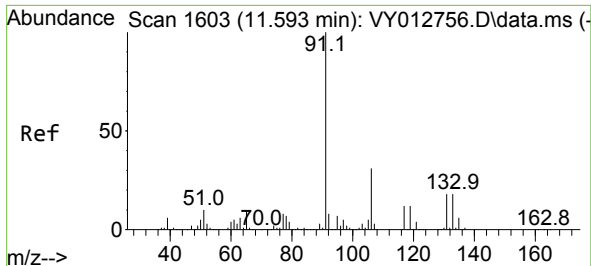
Tgt Ion:112 Resp: 150452
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.151 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion:131 Resp: 56132
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 55.793 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

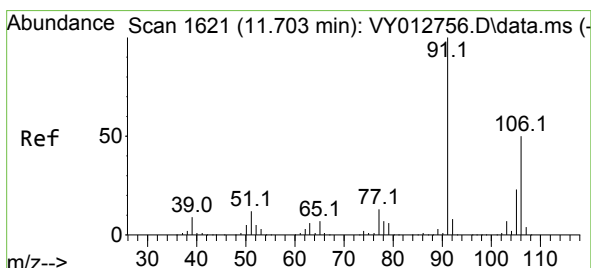
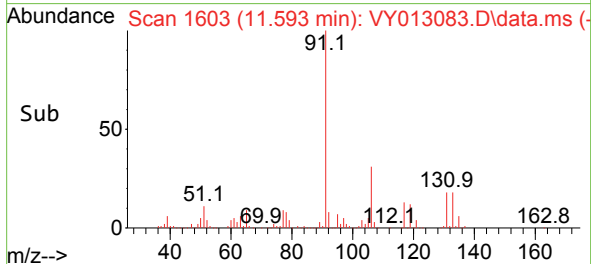
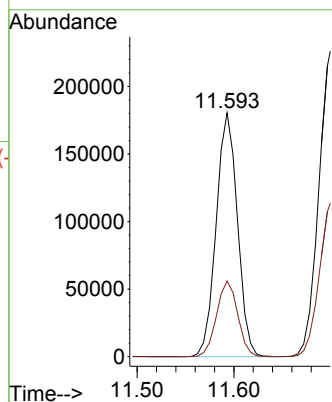
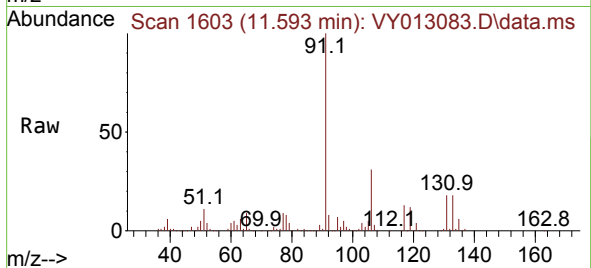
VSTDCCC050EC

Tgt Ion: 91 Resp: 274792

Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



#68

m/p-Xylenes

Concen: 112.583 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013083.D

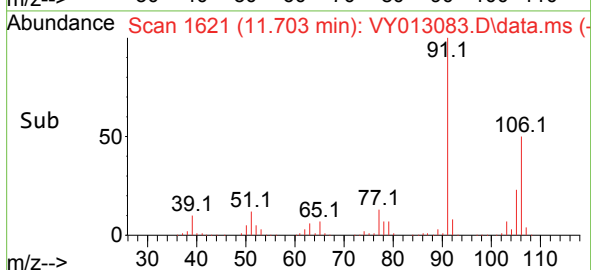
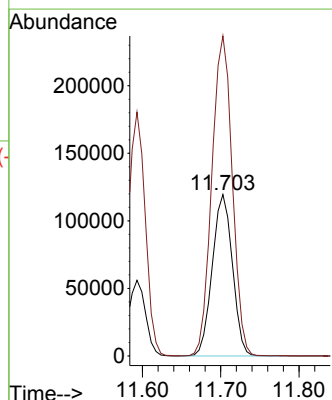
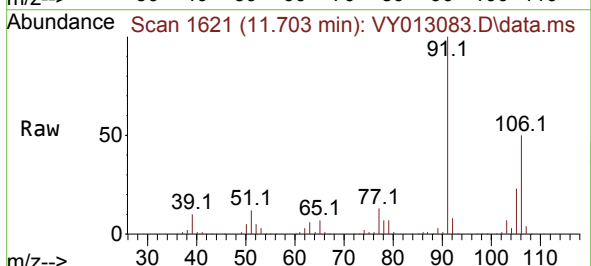
Acq: 24 Mar 2023 17:16

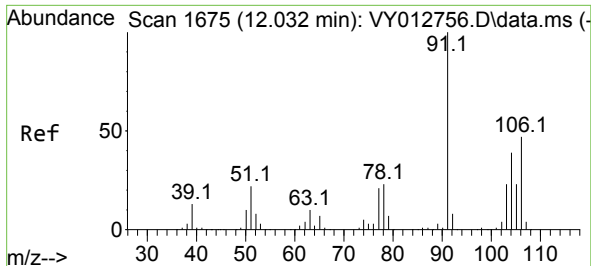
Tgt Ion: 106 Resp: 213312

Ion Ratio Lower Upper

106 100

91 201.2 159.8 239.8





#69

o-Xylene

Concen: 55.876 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

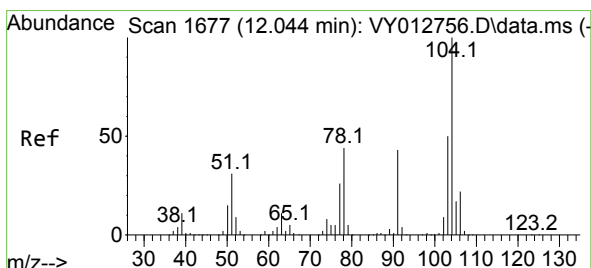
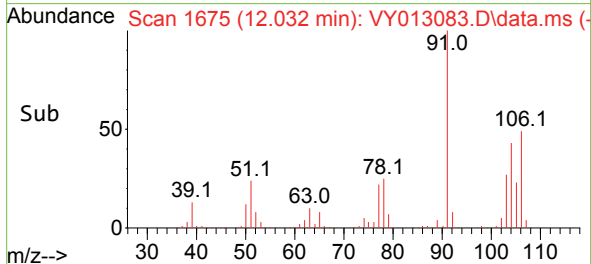
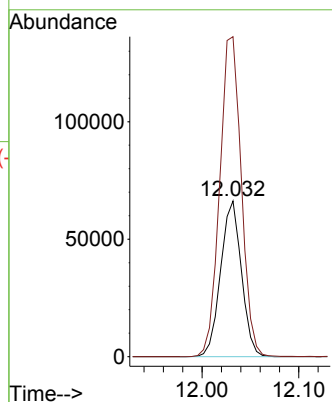
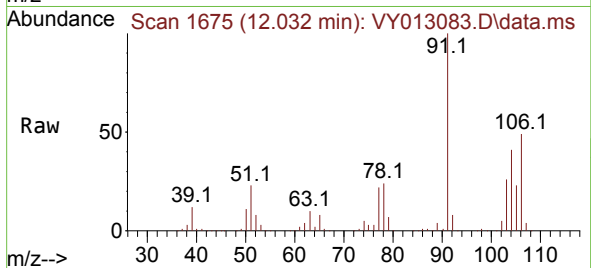
VSTDCCC050EC

Tgt Ion:106 Resp: 98806

Ion Ratio Lower Upper

106 100

91 213.7 107.2 321.6



#70

Styrene

Concen: 57.460 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

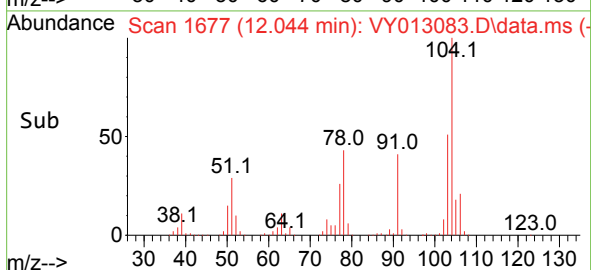
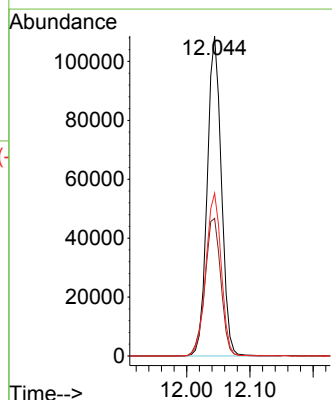
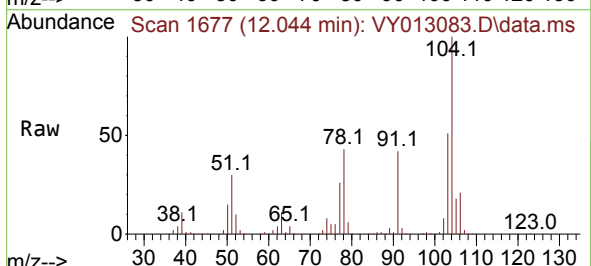
Tgt Ion:104 Resp: 169559

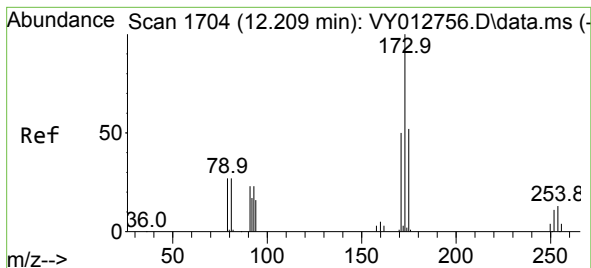
Ion Ratio Lower Upper

104 100

78 48.5 39.2 58.8

103 55.1 43.7 65.5





#71

Bromoform

Concen: 52.298 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

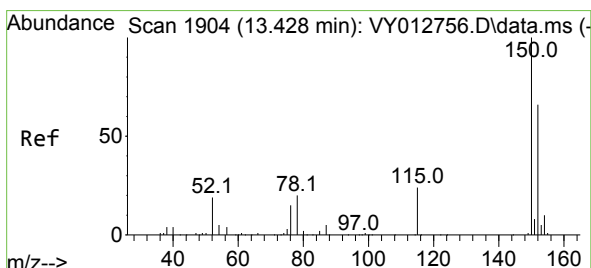
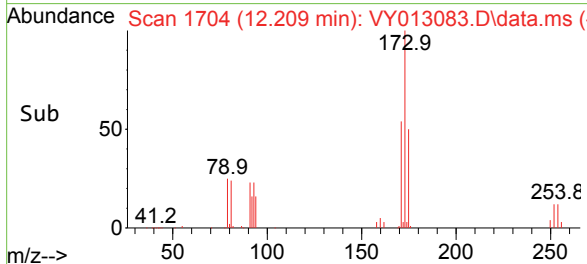
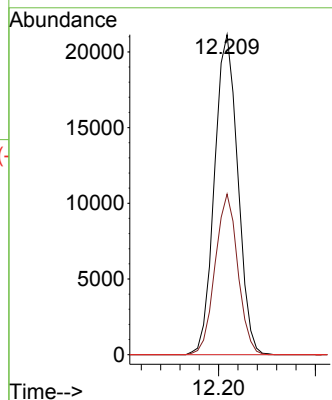
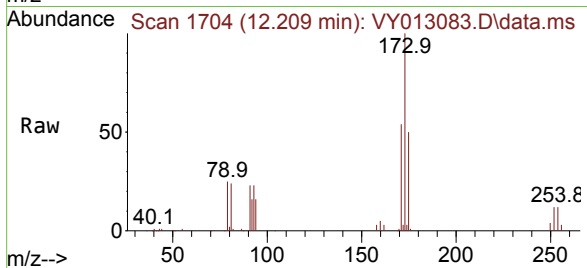
Tgt Ion:173 Resp: 35346

Ion Ratio Lower Upper

173 100

175 48.9 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: VY013083.D

Acq: 24 Mar 2023 17:16

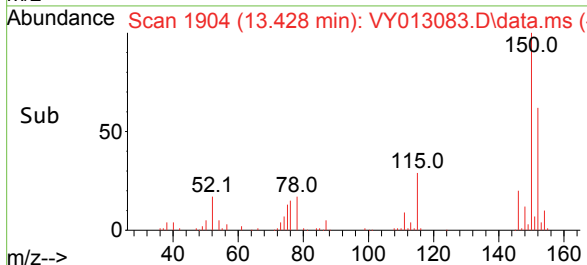
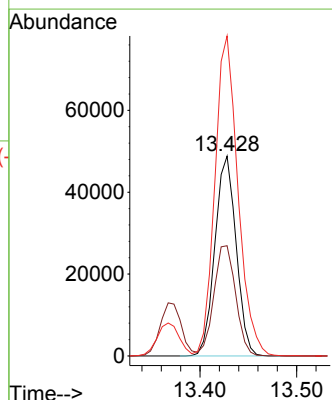
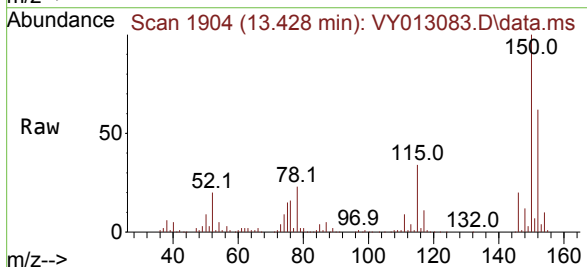
Tgt Ion:152 Resp: 74380

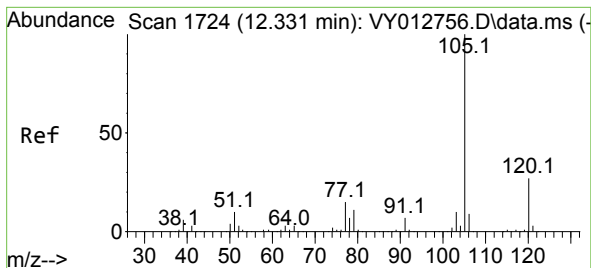
Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 174.4 0.0 347.8





#73

Isopropylbenzene

Concen: 51.135 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

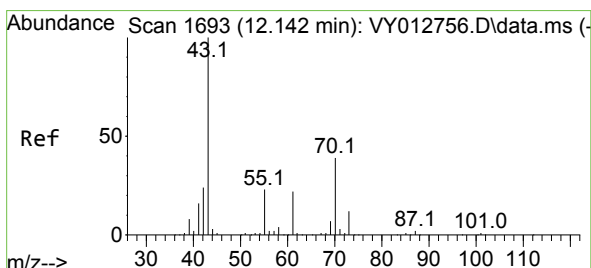
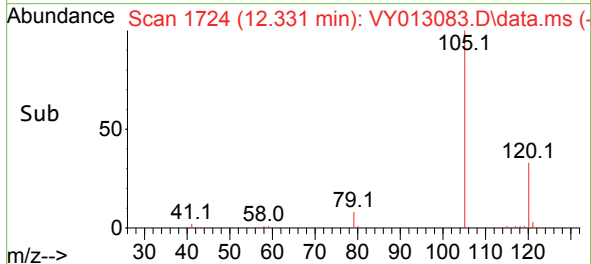
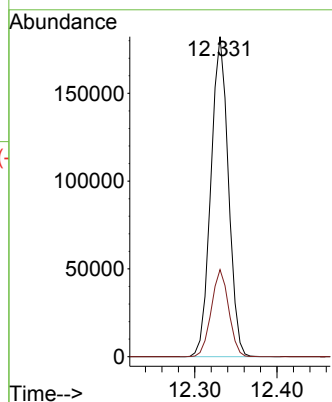
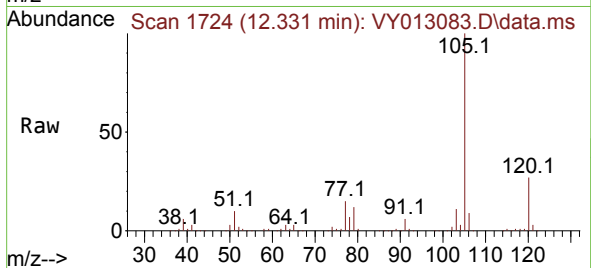
VSTDCCC050EC

Tgt Ion:105 Resp: 269554

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 43.907 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Tgt Ion: 43 Resp: 72822

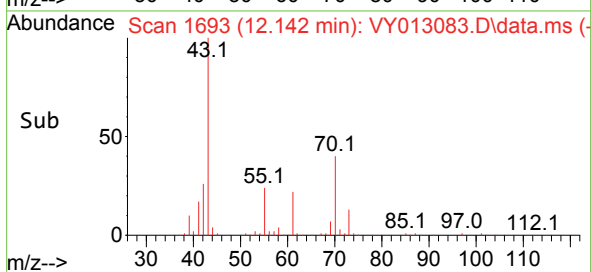
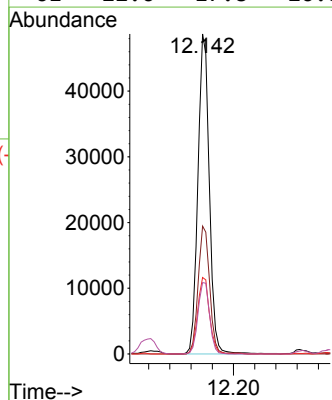
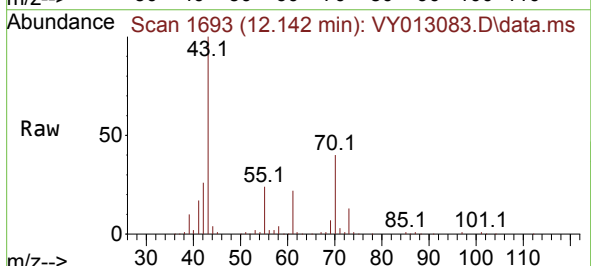
Ion Ratio Lower Upper

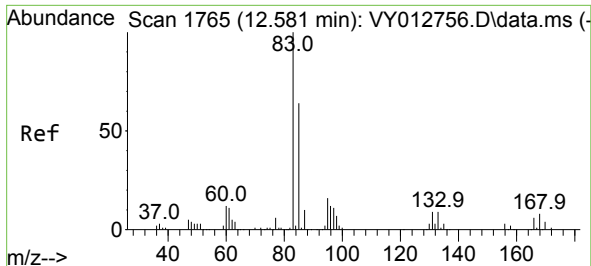
43 100

70 40.1 31.6 47.4

55 24.8 18.8 28.2

61 22.6 17.8 26.8

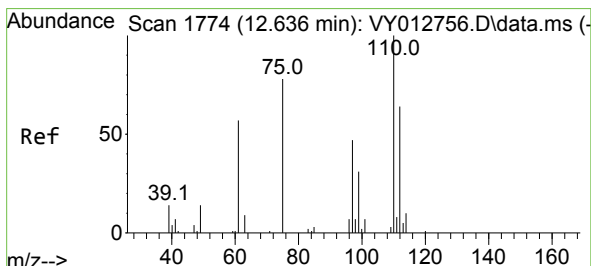
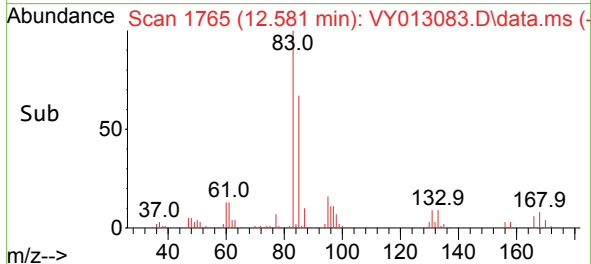
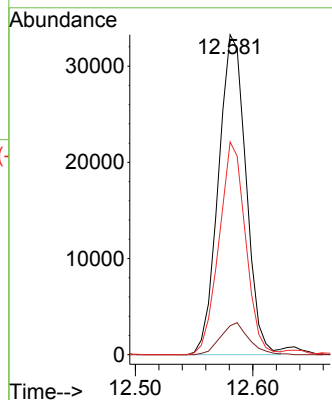
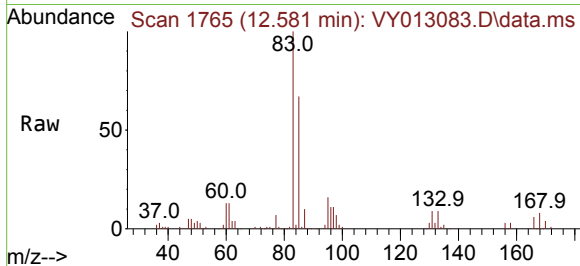




#75
1,1,2,2-Tetrachloroethane
Concen: 45.821 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

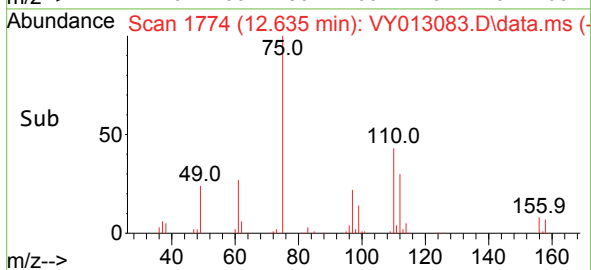
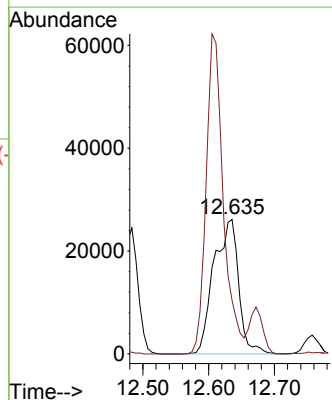
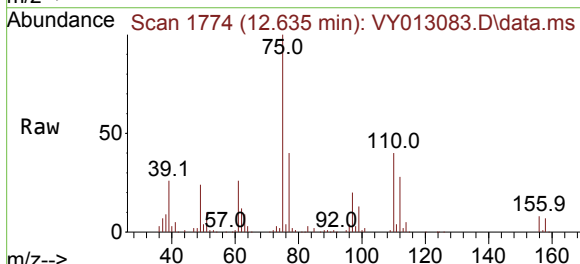
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

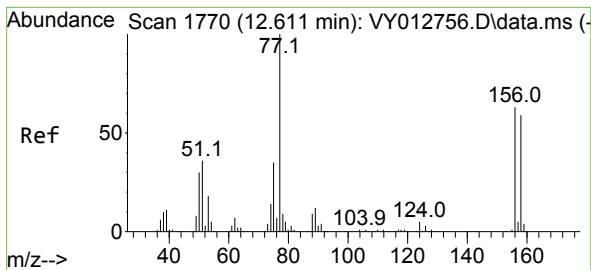
Tgt Ion: 83 Resp: 54297
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 64.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 77.223 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 75 Resp: 68591
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.675 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

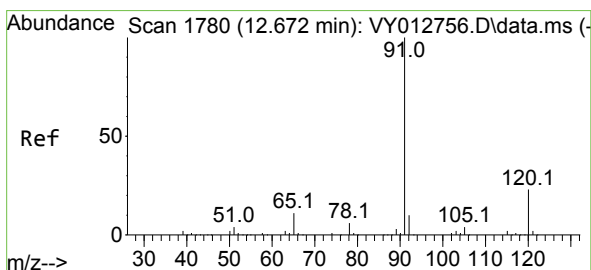
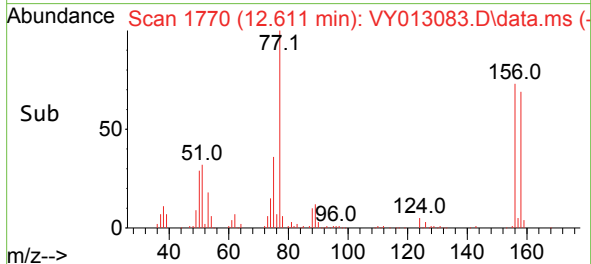
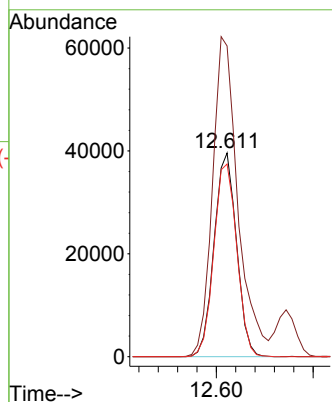
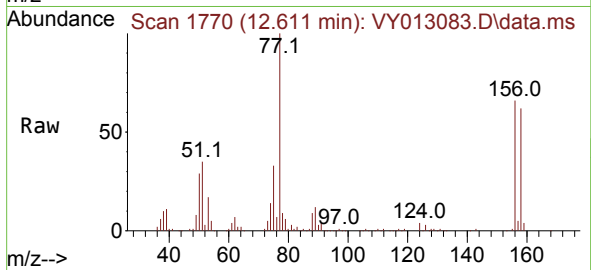
Tgt Ion:156 Resp: 63613

Ion Ratio Lower Upper

156 100

77 178.3 94.0 282.1

158 97.1 48.1 144.4



#78

n-propylbenzene

Concen: 51.838 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013083.D

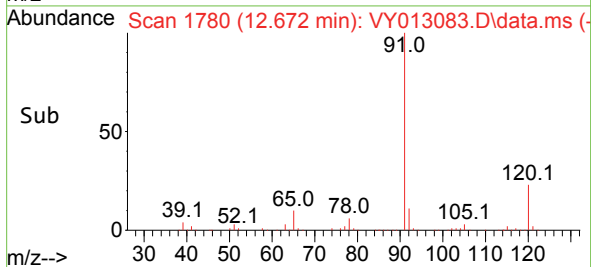
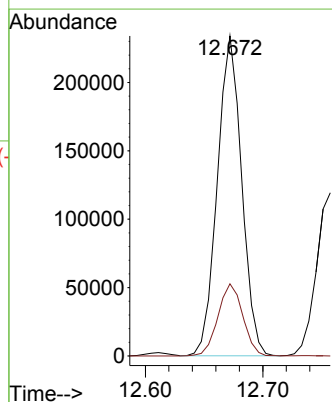
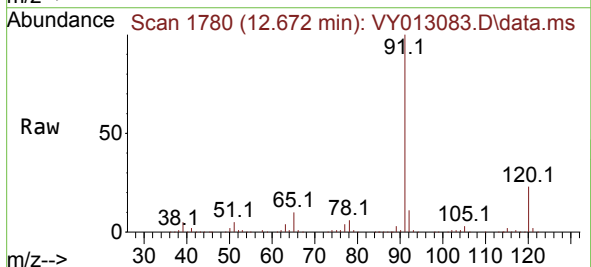
Acq: 24 Mar 2023 17:16

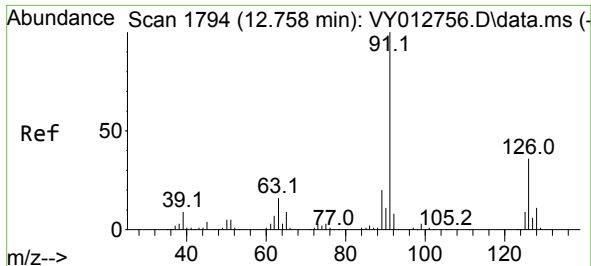
Tgt Ion: 91 Resp: 336900

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

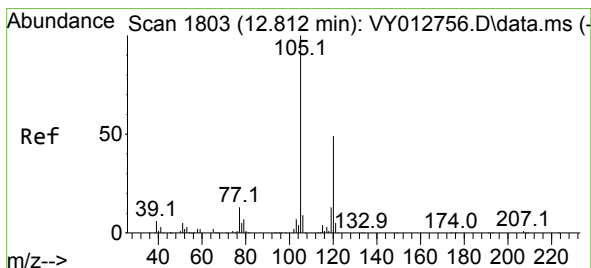
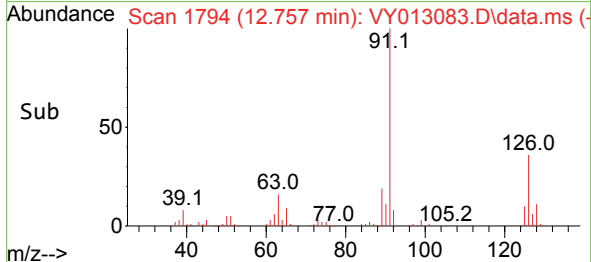
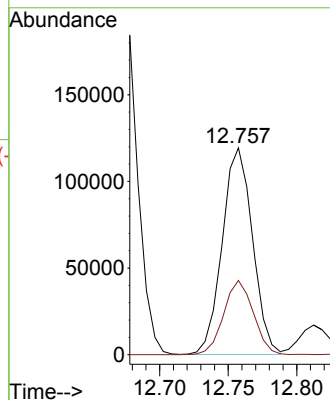
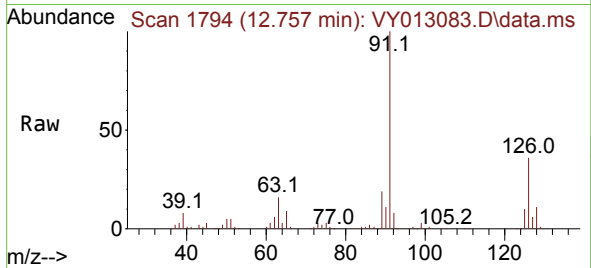




#79
2-Chlorotoluene
Concen: 50.801 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

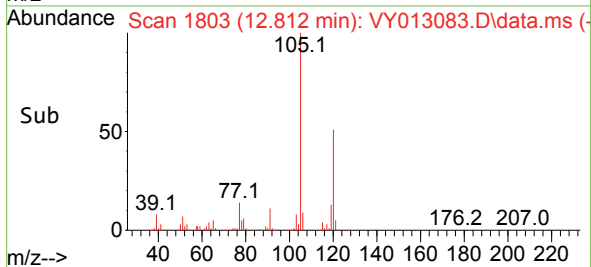
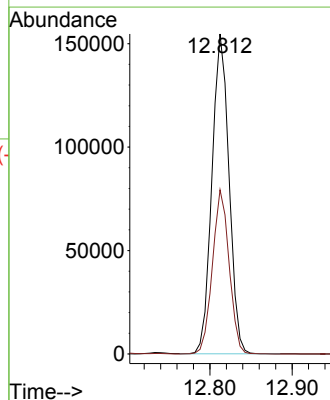
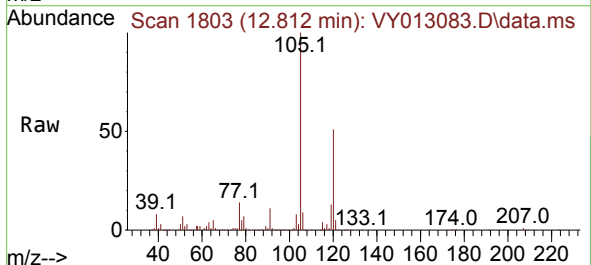
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 183494
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 51.241 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion:105 Resp: 222910
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4

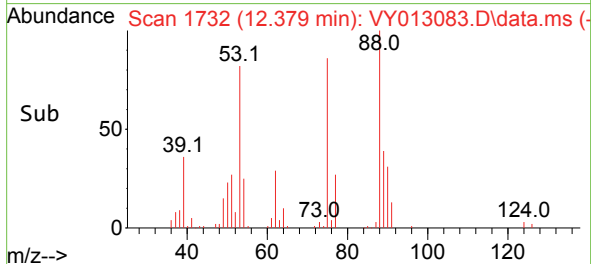
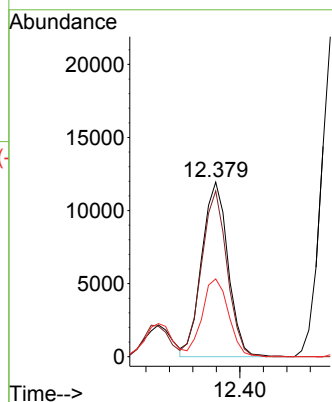
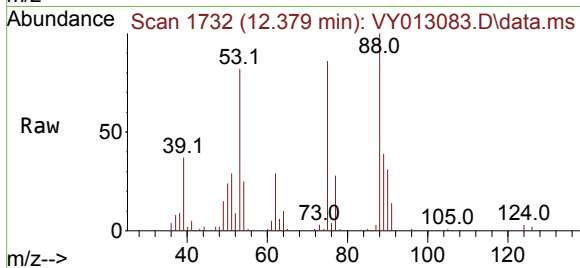




#81
trans-1,4-Dichloro-2-butene
Concen: 43.224 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

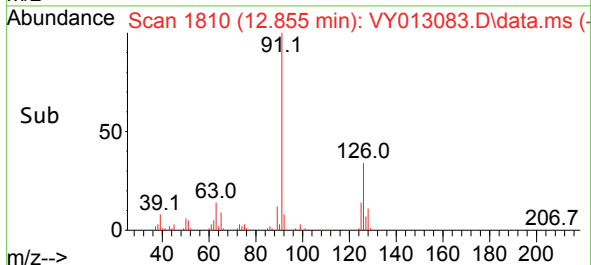
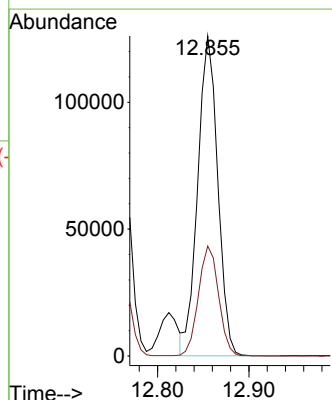
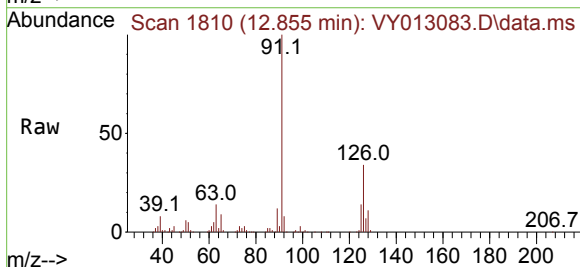
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

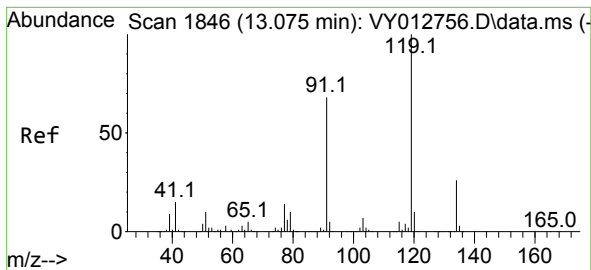
Tgt Ion: 75 Resp: 18529
Ion Ratio Lower Upper
75 100
53 92.5 73.4 110.0
89 44.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.177 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 91 Resp: 191351
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1

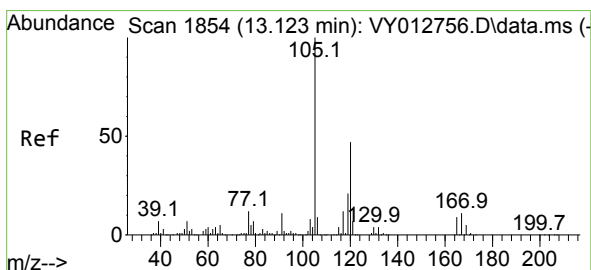
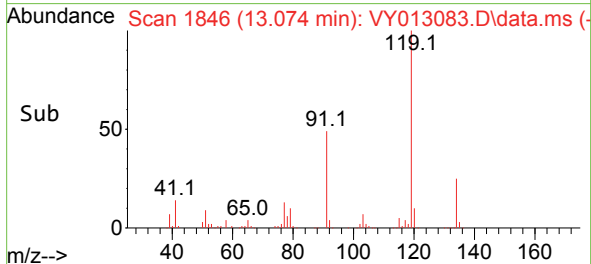
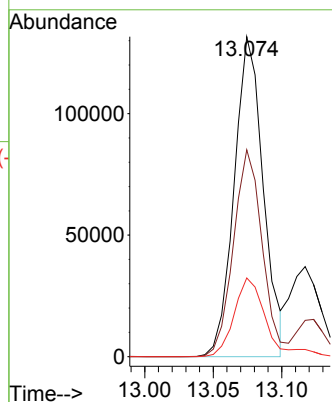
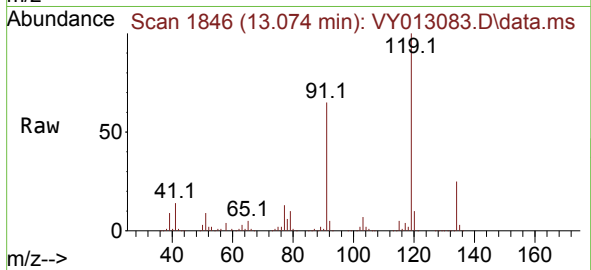




#83
tert-Butylbenzene
Concen: 51.861 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

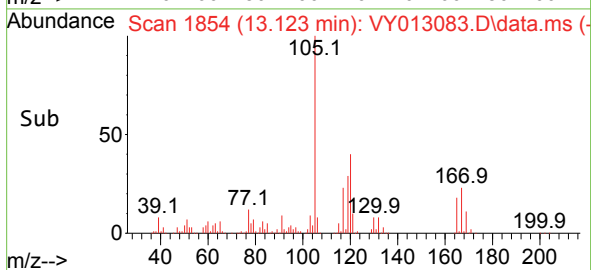
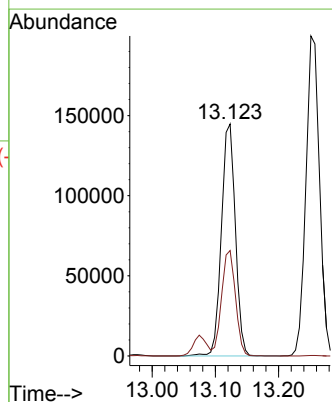
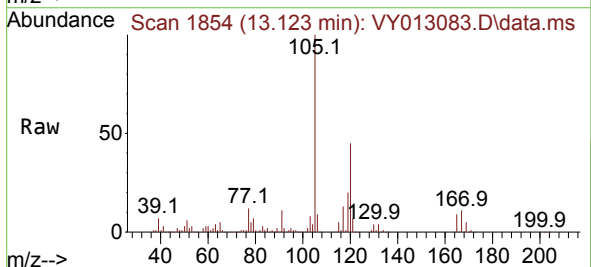
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

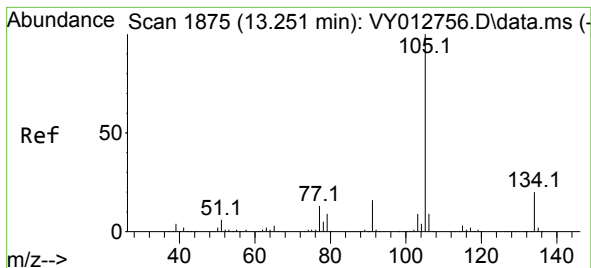
Tgt Ion:119 Resp: 194729
Ion Ratio Lower Upper
119 100
91 64.5 32.8 98.3
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.874 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion:105 Resp: 220668
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.809 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

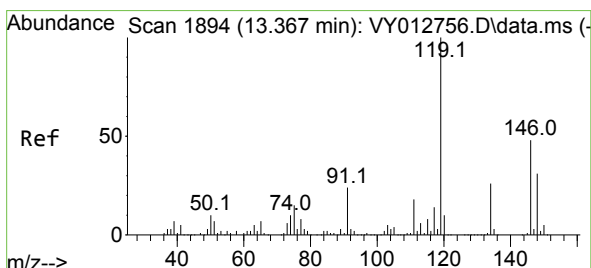
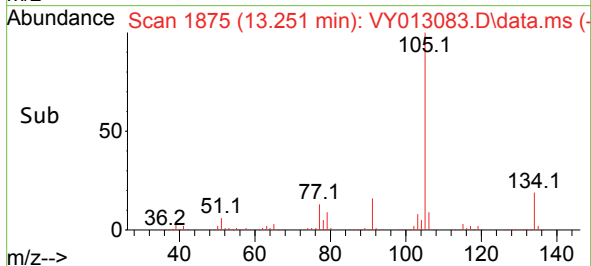
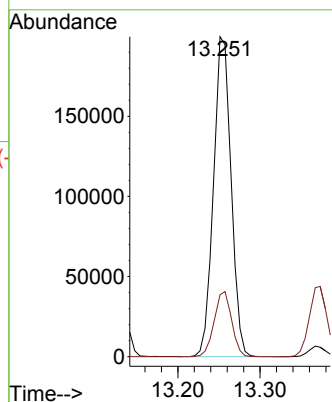
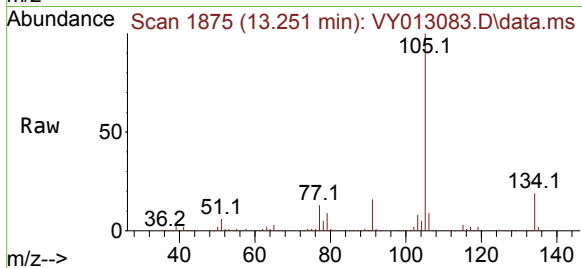
VSTDCCC050EC

Tgt Ion:105 Resp: 296775

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.983 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

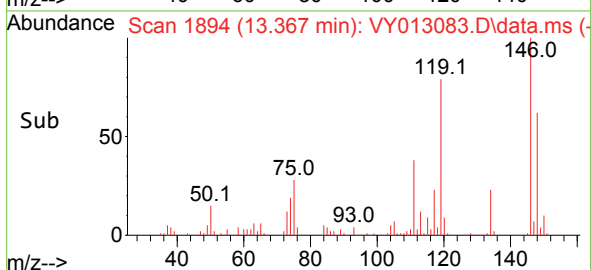
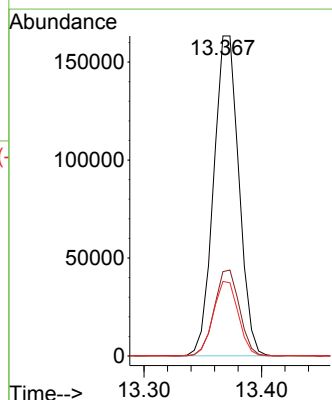
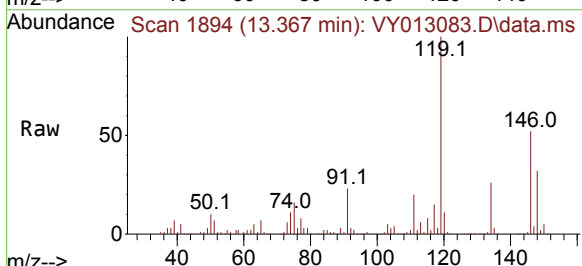
Tgt Ion:119 Resp: 243363

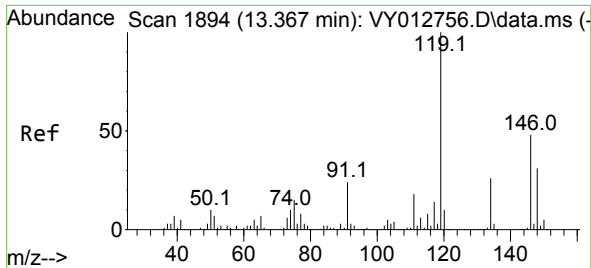
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.225 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

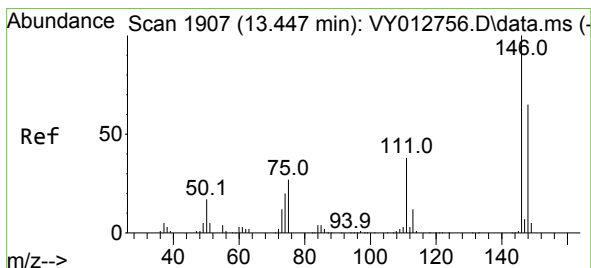
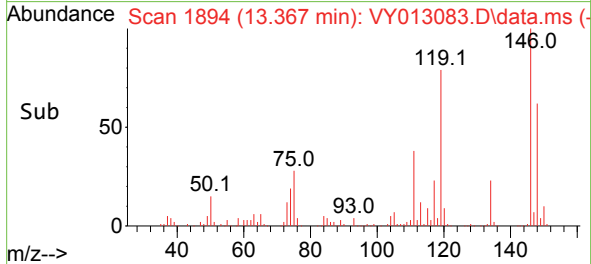
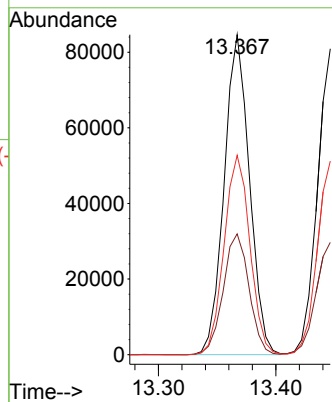
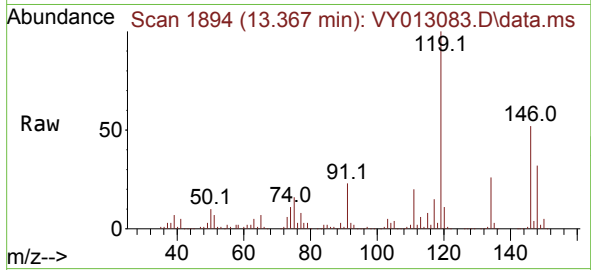
Tgt Ion:146 Resp: 126518

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.402 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

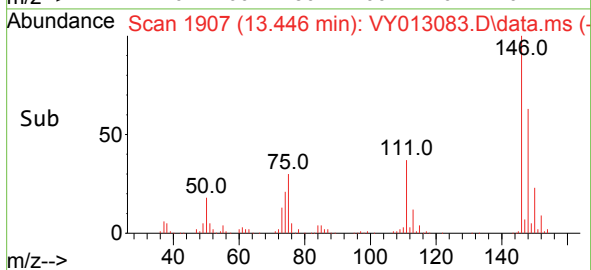
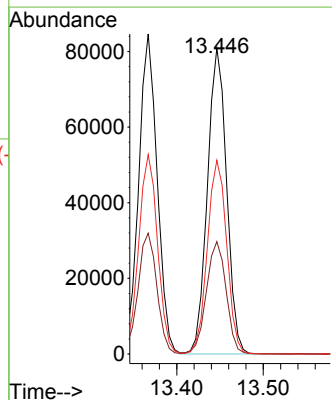
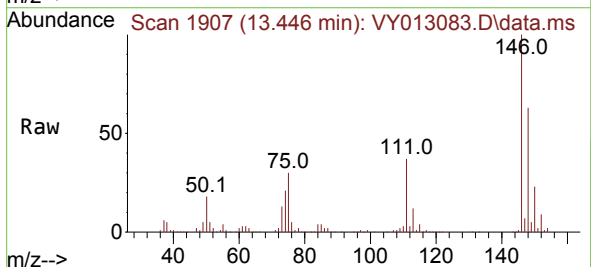
Tgt Ion:146 Resp: 124528

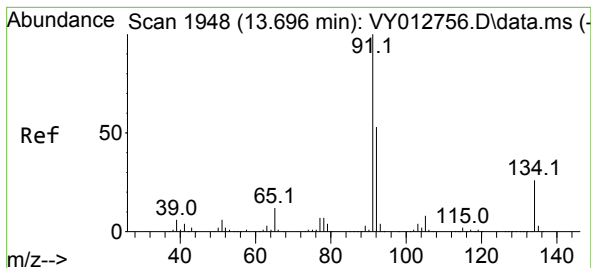
Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 51.926 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

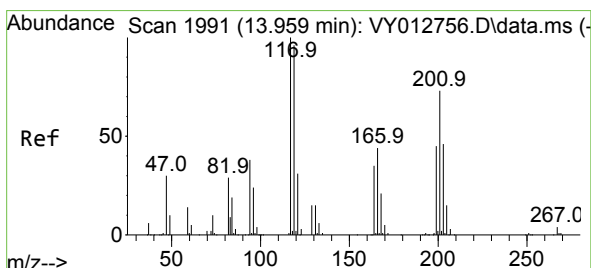
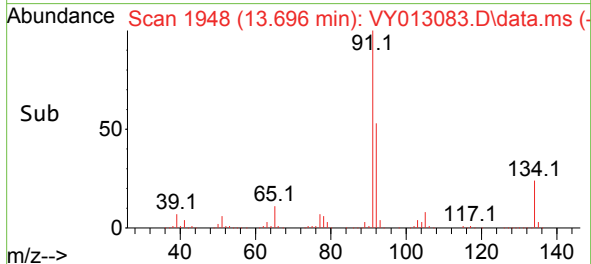
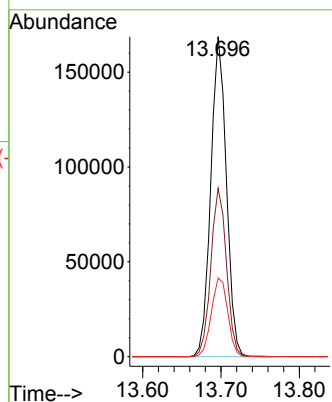
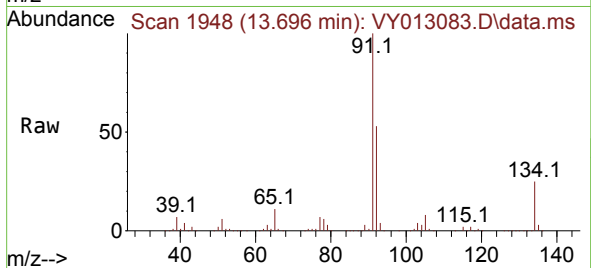
Tgt Ion: 91 Resp: 232721

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 51.189 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013083.D

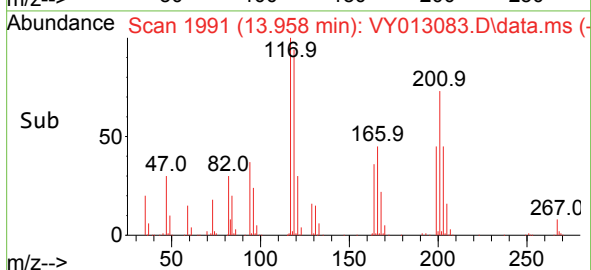
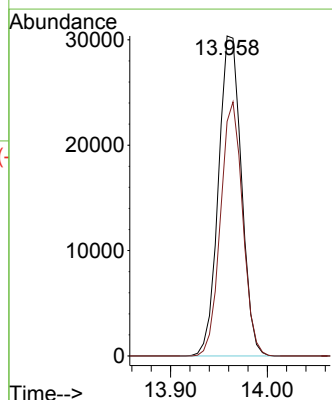
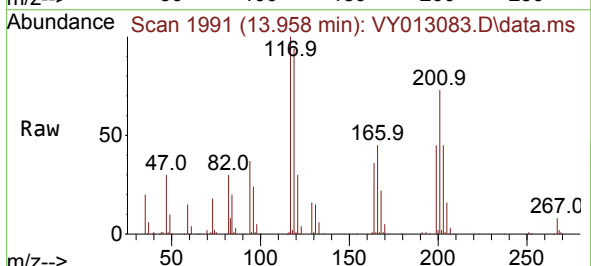
Acq: 24 Mar 2023 17:16

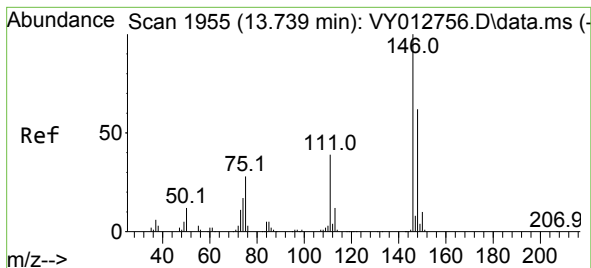
Tgt Ion: 117 Resp: 49913

Ion Ratio Lower Upper

117 100

201 76.5 39.4 118.1

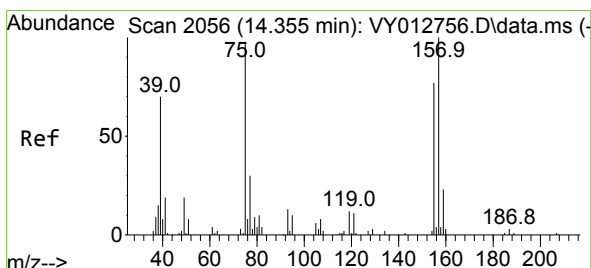
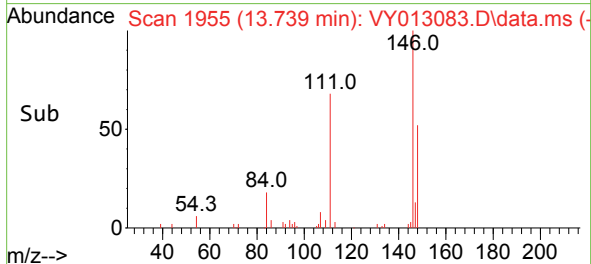
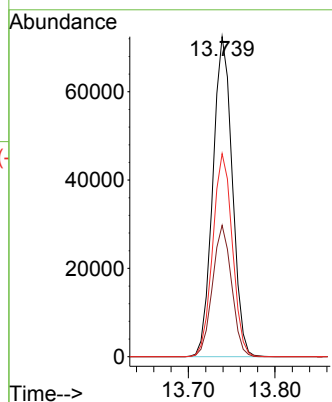
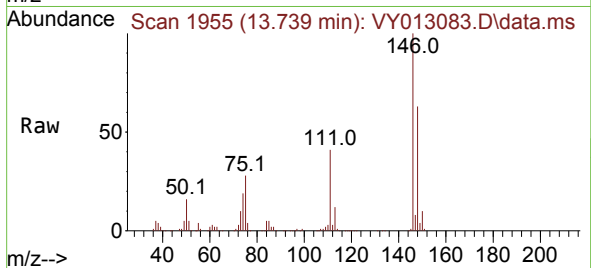




#91
1,2-Dichlorobenzene
Concen: 50.594 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

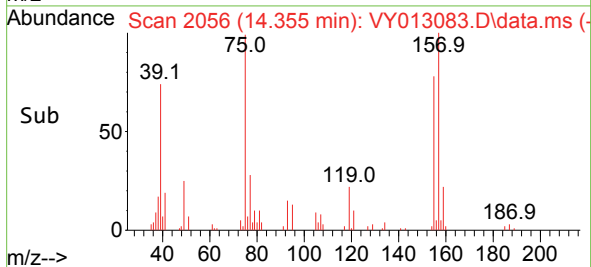
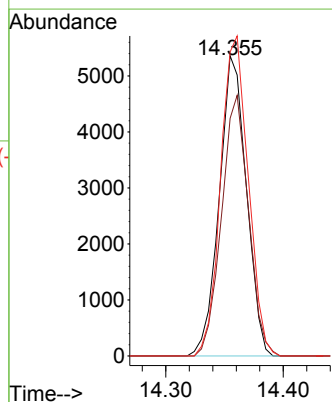
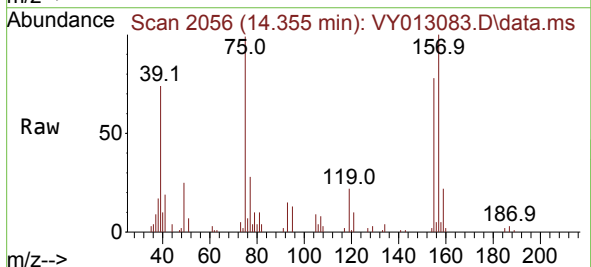
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

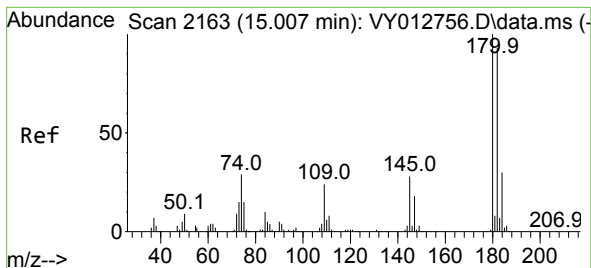
Tgt Ion:146 Resp: 112957
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 64.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.829 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013083.D
Acq: 24 Mar 2023 17:16

Tgt Ion: 75 Resp: 8585
Ion Ratio Lower Upper
75 100
155 86.4 43.8 131.4
157 108.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 48.208 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

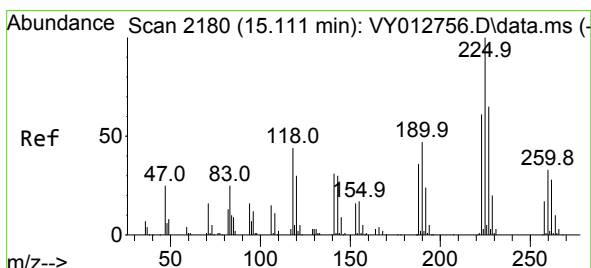
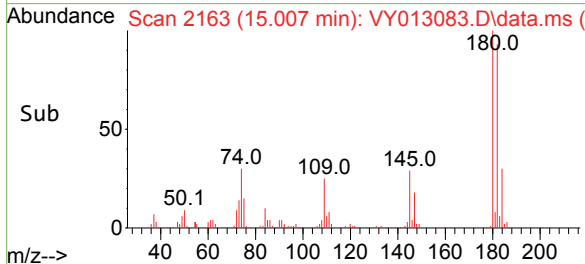
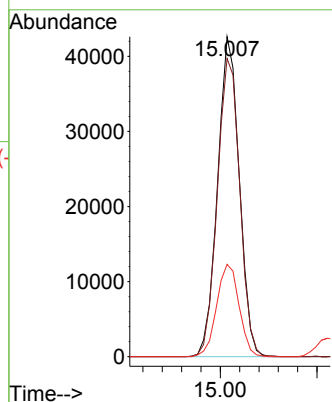
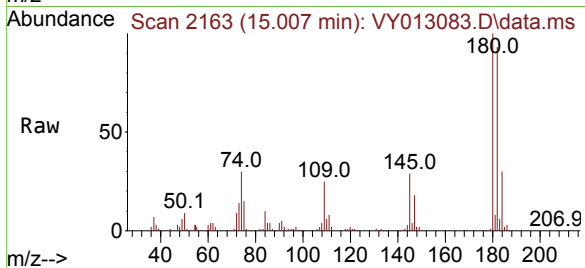
Tgt Ion:180 Resp: 66269

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.1

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.493 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

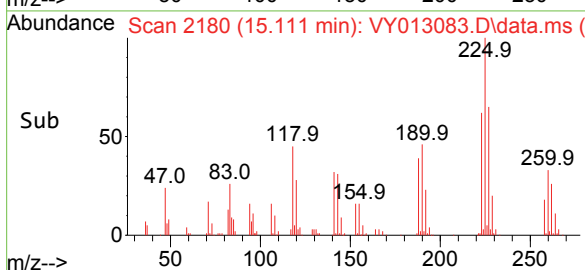
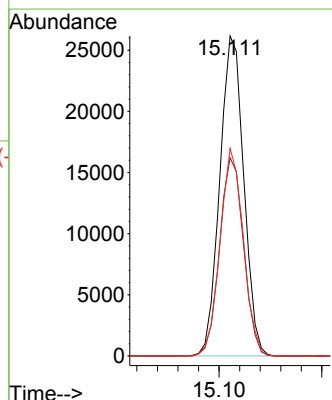
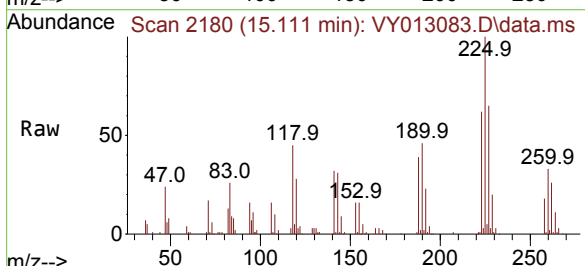
Tgt Ion:225 Resp: 42335

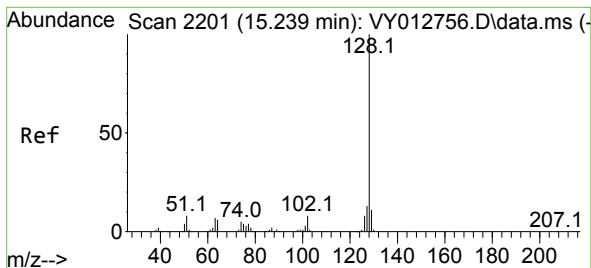
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.3

227 62.8 32.4 97.0





#95

Naphthalene

Concen: 46.164 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

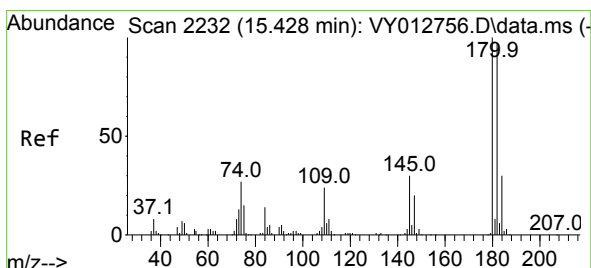
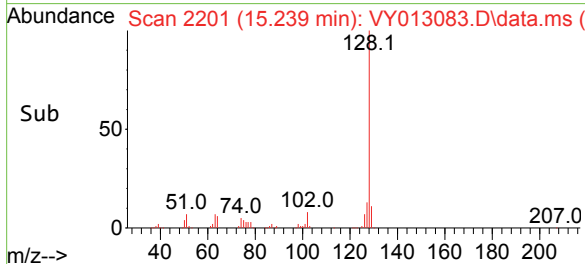
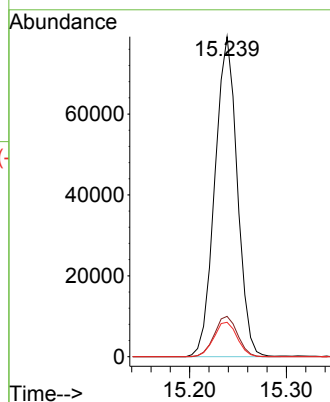
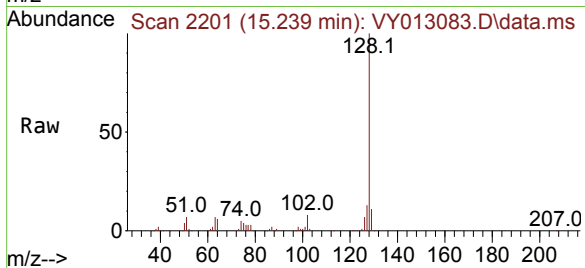
Tgt Ion:128 Resp: 127168

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.956 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY013083.D

Acq: 24 Mar 2023 17:16

Tgt Ion:180 Resp: 58630

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.3

145 31.0 15.3 45.8

