

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013154.D
 Acq On : 30 Mar 2023 16:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 05:46:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	138964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72025	48.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.460%
35) Dibromofluoromethane	7.716	113	66186	48.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.179	98	250886	48.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.483	95	84019	50.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61853	45.405	ug/l	97
3) Chloromethane	2.113	50	58161	40.941	ug/l	100
4) Vinyl Chloride	2.253	62	61109	42.904	ug/l	99
5) Bromomethane	2.650	94	43577	43.353	ug/l	93
6) Chloroethane	2.796	64	38997	43.709	ug/l	98
7) Trichlorofluoromethane	3.125	101	120282	47.450	ug/l	100
8) Diethyl Ether	3.528	74	37898	47.610	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.900	101	65386	46.786	ug/l	98
10) Methyl Iodide	4.089	142	91972	50.537	ug/l	98
11) Tert butyl alcohol	4.948	59	31244	232.123	ug/l	100
12) 1,1-Dichloroethene	3.869	96	63519	47.016	ug/l	98
13) Acrolein	3.729	56	45282	239.727	ug/l	99
14) Allyl chloride	4.479	41	111360	48.377	ug/l	98
15) Acrylonitrile	5.155	53	96487	243.931	ug/l	99
16) Acetone	3.942	43	114885	251.573	ug/l	99
17) Carbon Disulfide	4.192	76	207126	46.036	ug/l	98
18) Methyl Acetate	4.473	43	70290	48.849	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	174418	50.948	ug/l	97
20) Methylene Chloride	4.710	84	84857	54.288	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	72991	47.951	ug/l	99
22) Diisopropyl ether	6.119	45	219806	48.874	ug/l	99
23) Vinyl Acetate	6.058	43	647630	253.227	ug/l	98
24) 1,1-Dichloroethane	6.015	63	125033	46.942	ug/l	99
25) 2-Butanone	6.984	43	143093	250.593	ug/l	100
26) 2,2-Dichloropropane	6.978	77	113691	47.455	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	79396	48.415	ug/l	98
28) Bromochloromethane	7.332	49	54555	47.733	ug/l	94
29) Tetrahydrofuran	7.344	42	87039	257.495	ug/l	97
30) Chloroform	7.503	83	129304	46.879	ug/l	100
31) Cyclohexane	7.783	56	113102	46.390	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	117669	48.251	ug/l	99
36) 1,1-Dichloropropene	7.917	75	101168	49.430	ug/l	99
37) Ethyl Acetate	7.070	43	59406	51.095	ug/l	99
38) Carbon Tetrachloride	7.899	117	109180	48.346	ug/l	100
39) Methylcyclohexane	9.185	83	119854	49.915	ug/l	97
40) Benzene	8.161	78	285029	48.216	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	80398	155.873	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	88163	48.678	ug/l	100
43) Isopropyl Acetate	8.271	43	107989	51.889	ug/l	99
44) Trichloroethene	8.941	130	78565	48.278	ug/l	100
45) 1,2-Dichloropropane	9.216	63	71070	48.011	ug/l	96
46) Dibromomethane	9.301	93	41809	49.166	ug/l	96
47) Bromodichloromethane	9.496	83	99712	48.597	ug/l	98
48) Methyl methacrylate	9.289	41	51001	52.619	ug/l	98
49) 1,4-Dioxane	9.295	88	11047	1092.002	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	292423	260.355	ug/l	99
52) Toluene	10.240	92	180388	49.193	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	105734	50.416	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	117298	48.972	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	57250	48.705	ug/l	100
56) Ethyl methacrylate	10.508	69	78874	53.370	ug/l	97
57) 1,3-Dichloropropane	10.789	76	98620	49.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	178421	258.194	ug/l	98
59) 2-Hexanone	10.831	43	219378	270.069	ug/l	99
60) Dibromochloromethane	10.984	129	72805	49.315	ug/l	100
61) 1,2-Dibromoethane	11.087	107	55810	49.003	ug/l	100
64) Tetrachloroethene	10.721	164	69800	48.763	ug/l	98
65) Chlorobenzene	11.514	112	192060	48.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	73552	49.635	ug/l	99
67) Ethyl Benzene	11.593	91	344628	50.482	ug/l	99
68) m/p-Xylenes	11.703	106	266891	101.062	ug/l	100
69) o-Xylene	12.026	106	124921	50.998	ug/l	98
70) Styrene	12.044	104	214213	52.278	ug/l	99
71) Bromoform	12.209	173	47357	51.537	ug/l	98
73) Isopropylbenzene	12.331	105	331155	50.197	ug/l	100
74) N-amyl acetate	12.142	43	96953	53.525	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	66602	48.197	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	89458	83.322	ug/l #	100
77) Bromobenzene	12.605	156	82245	50.144	ug/l	94
78) n-propylbenzene	12.672	91	403334	49.724	ug/l	99
79) 2-Chlorotoluene	12.758	91	226996	49.317	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	278972	50.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	24736	51.381	ug/l	98
82) 4-Chlorotoluene	12.855	91	234649	48.984	ug/l	99
83) tert-Butylbenzene	13.075	119	240399	50.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	273522	50.638	ug/l	100
85) sec-Butylbenzene	13.252	105	360123	50.345	ug/l	100
86) p-Isopropyltoluene	13.367	119	299984	50.942	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	158797	48.840	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	159929	49.087	ug/l	100
89) n-Butylbenzene	13.697	91	277275	50.368	ug/l	99
90) Hexachloroethane	13.959	117	59025	48.116	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	142094	48.935	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11458	49.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	89544	52.881	ug/l	99
94) Hexachlorobutadiene	15.111	225	51295	49.255	ug/l	98
95) Naphthalene	15.233	128	180017	50.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	78583	52.673	ug/l	98

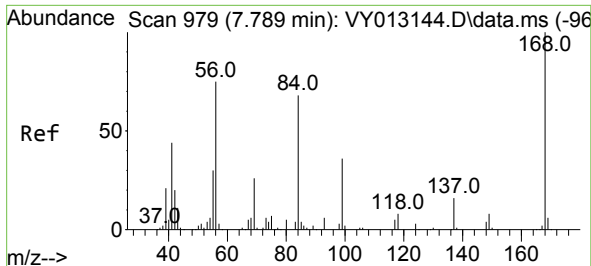
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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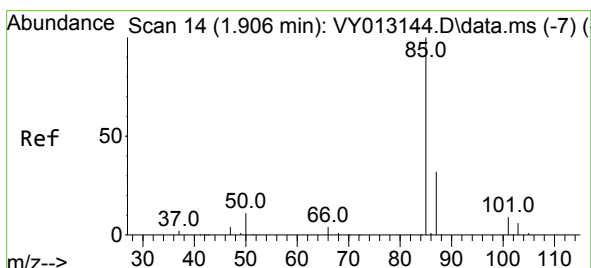
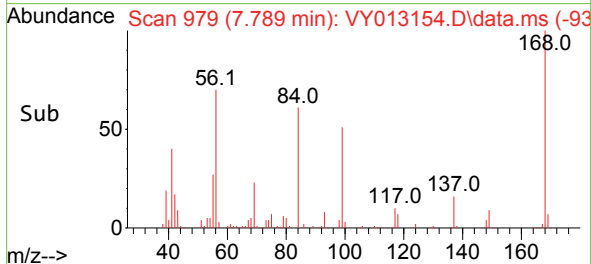
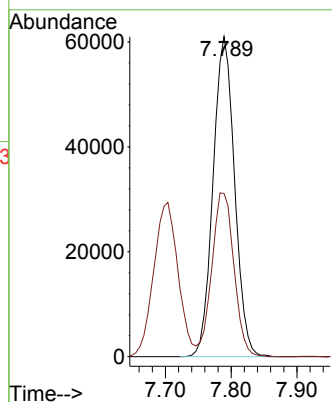
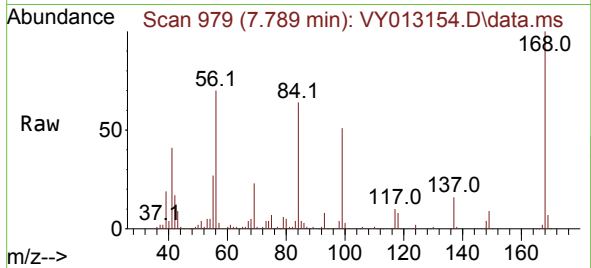
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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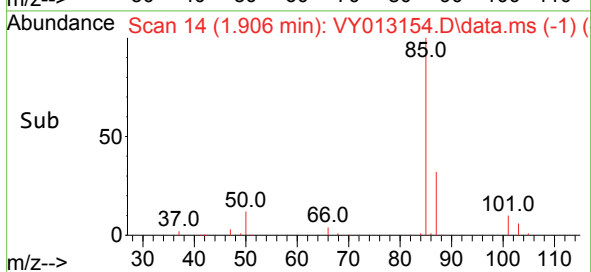
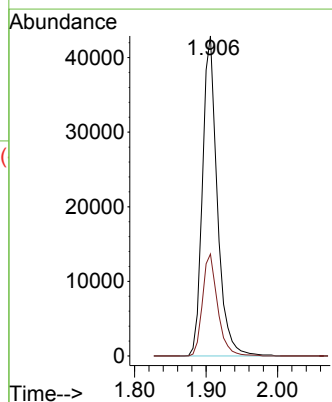
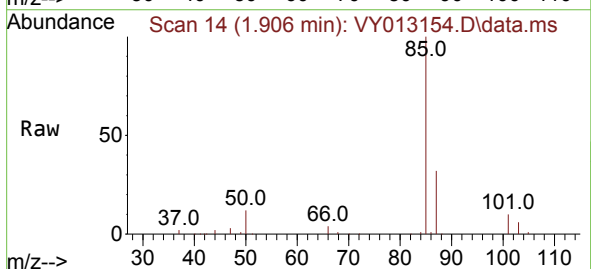
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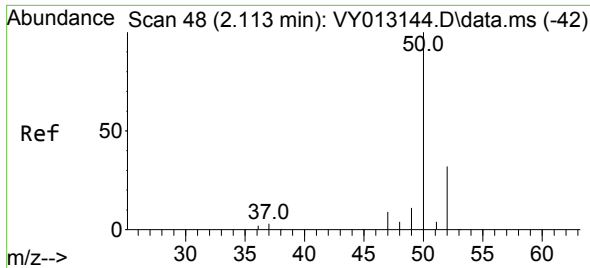
Tgt Ion:168 Resp: 138964
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.405 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 85 Resp: 61853
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.0

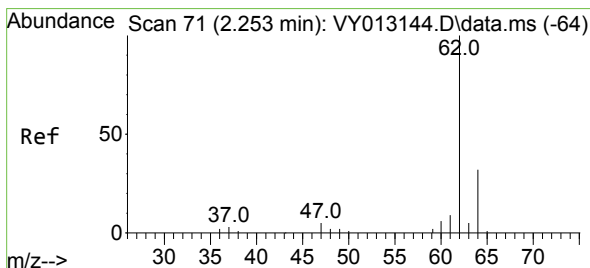
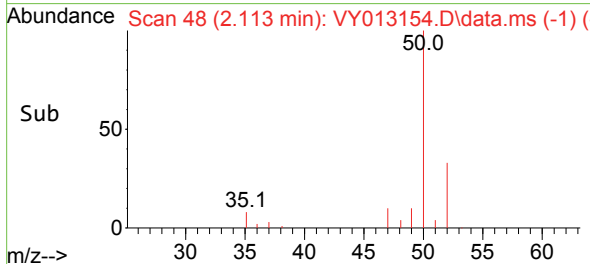
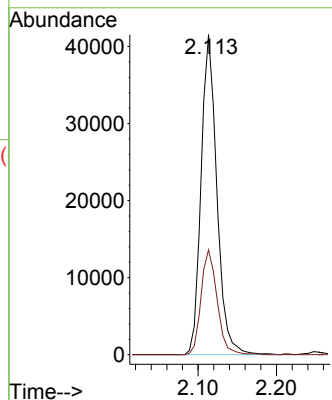
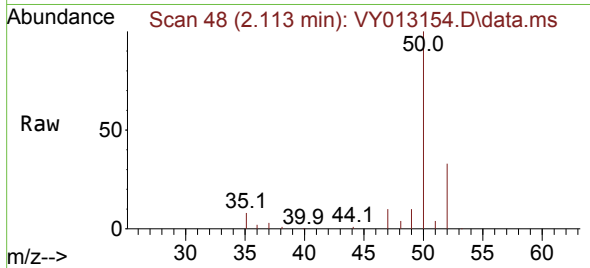




#3
Chloromethane
Concen: 40.941 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

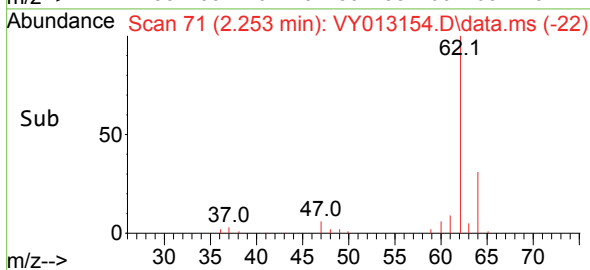
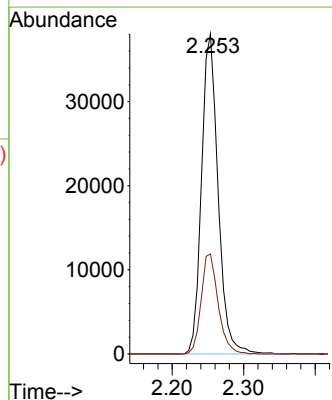
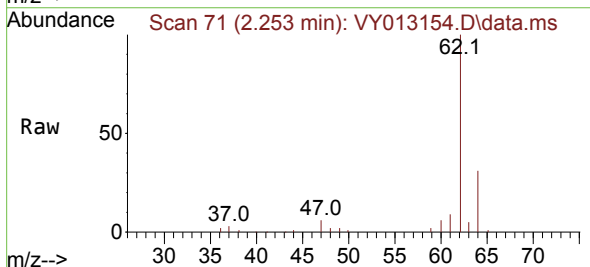
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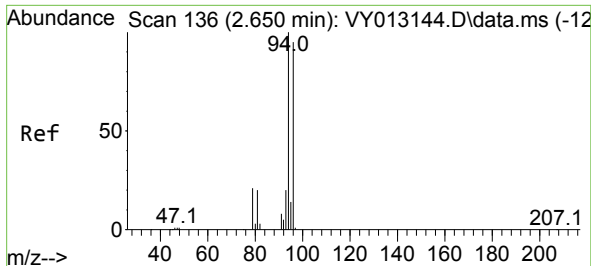
Tgt Ion: 50 Resp: 58161
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 42.904 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 62 Resp: 61109
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4

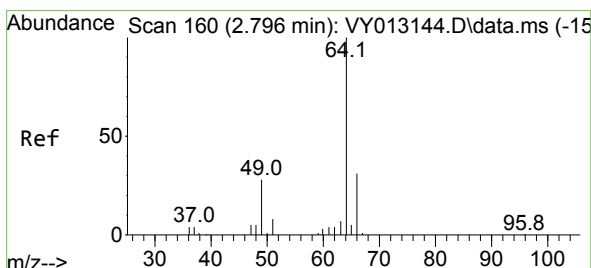
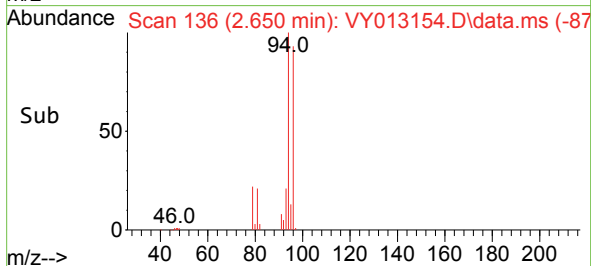
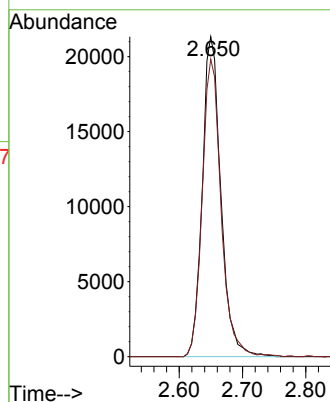
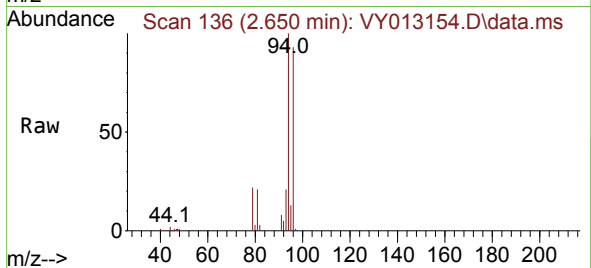




#5
Bromomethane
Concen: 43.353 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013154.D
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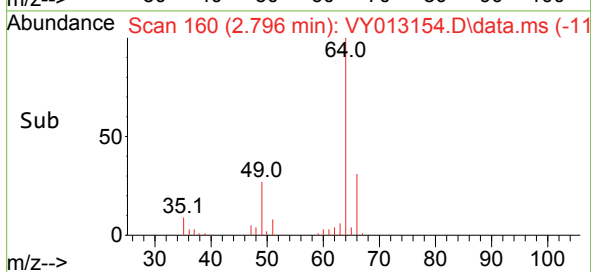
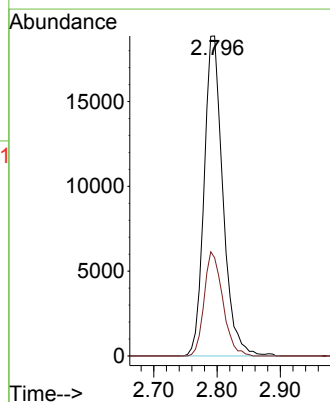
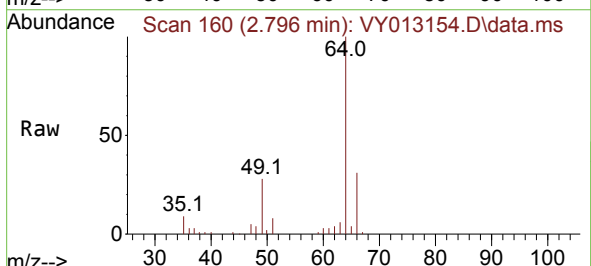
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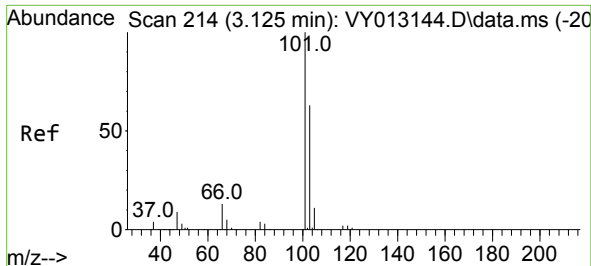
Tgt Ion: 94 Resp: 43577
Ion Ratio Lower Upper
94 100
96 92.9 80.3 120.5



#6
Chloroethane
Concen: 43.709 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 64 Resp: 38997
Ion Ratio Lower Upper
64 100
66 30.7 25.7 38.5

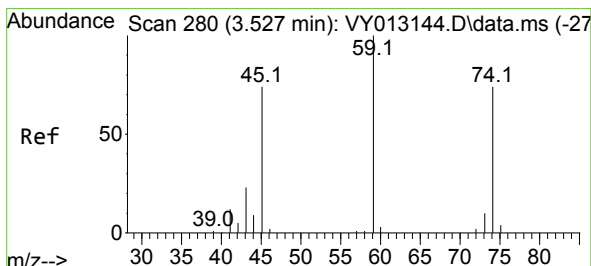
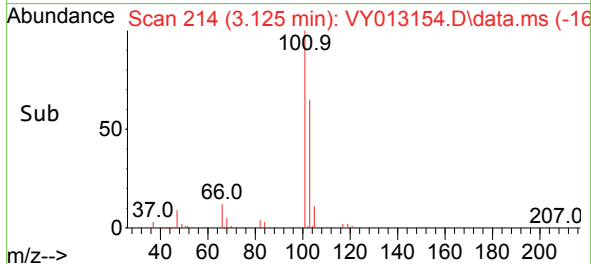
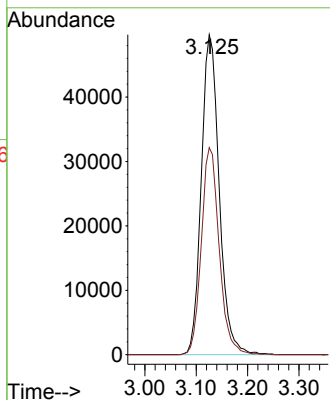
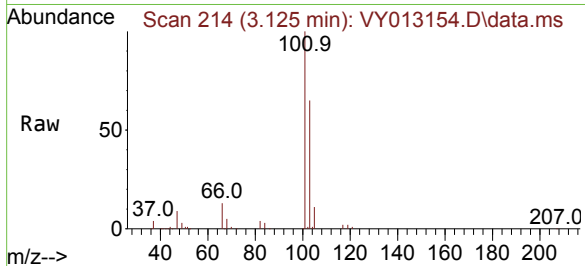




#7
Trichlorofluoromethane
Concen: 47.450 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

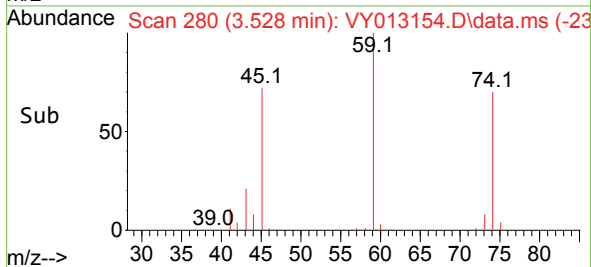
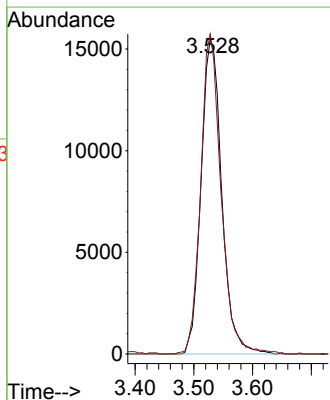
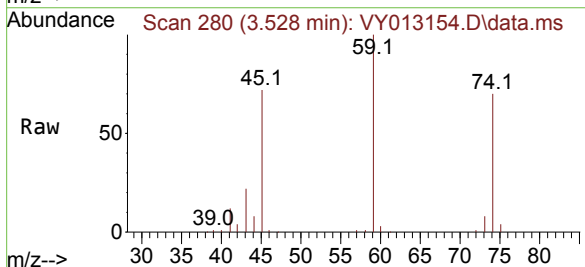
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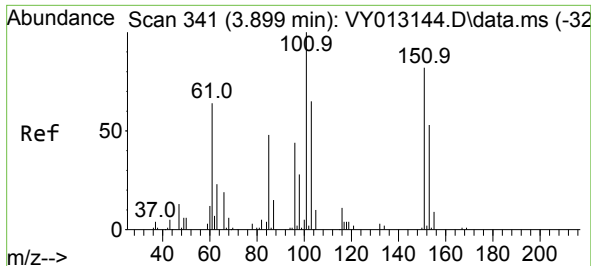
Tgt Ion:101 Resp: 120282
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3



#8
Diethyl Ether
Concen: 47.610 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 74 Resp: 37898
Ion Ratio Lower Upper
74 100
45 100.4 52.1 156.4

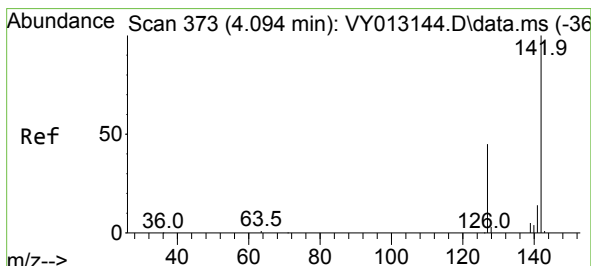
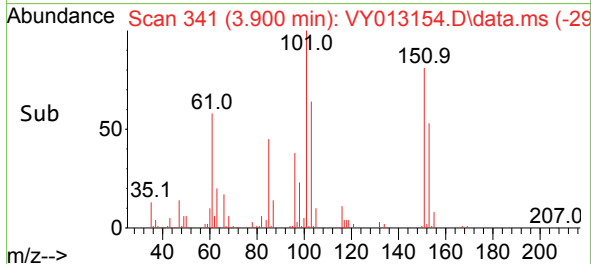
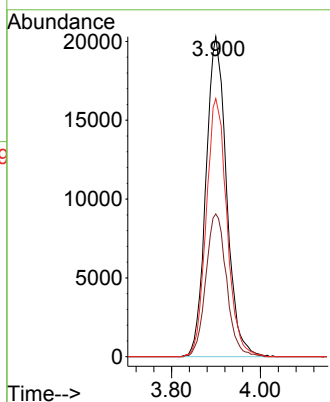
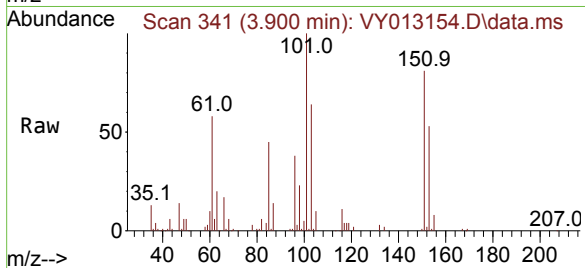




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.786 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
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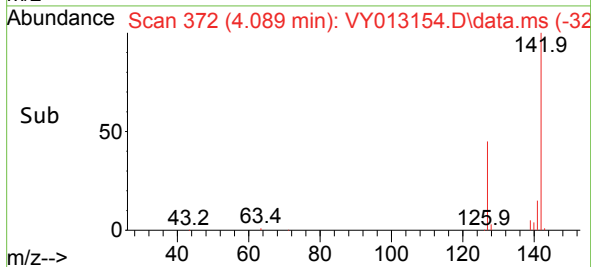
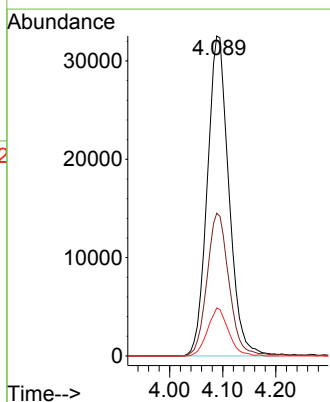
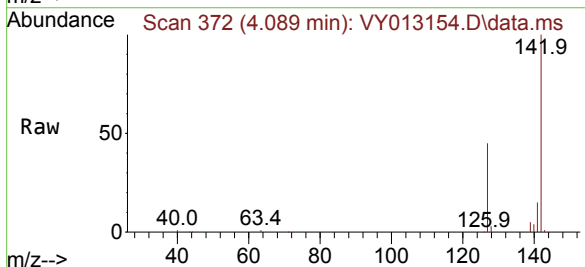
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

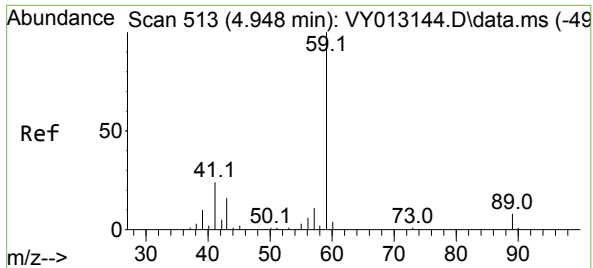
Tgt Ion:101 Resp: 65386
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 80.9 63.1 94.7



#10
Methyl Iodide
Concen: 50.537 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion:142 Resp: 91972
Ion Ratio Lower Upper
142 100
127 45.4 35.4 53.2
141 14.5 11.3 16.9

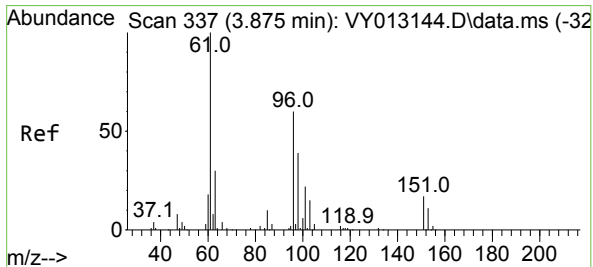
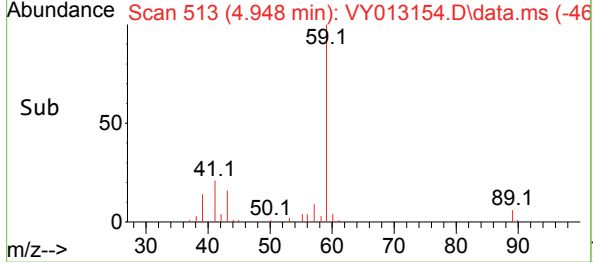
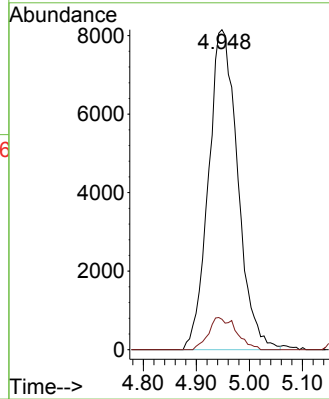
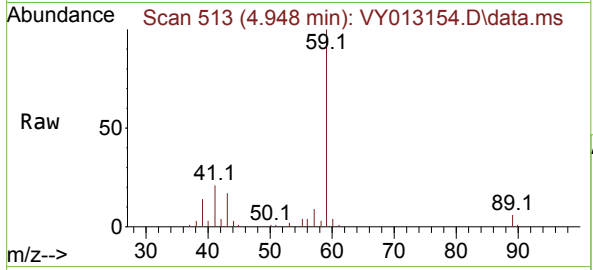




#11
Tert butyl alcohol
Concen: 232.123 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

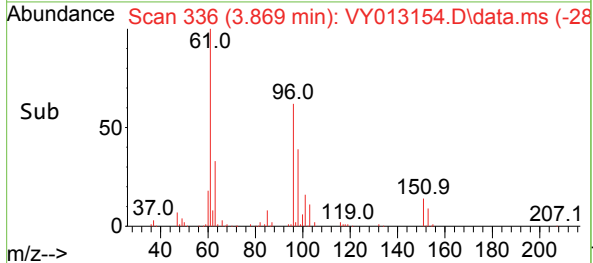
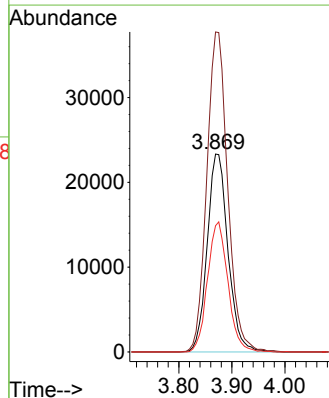
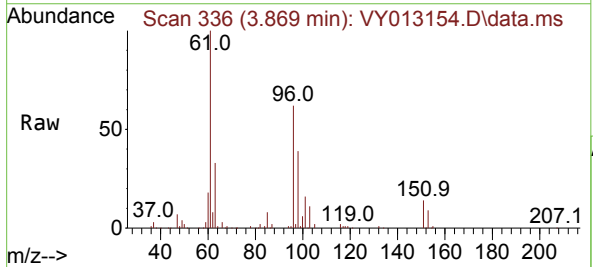
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

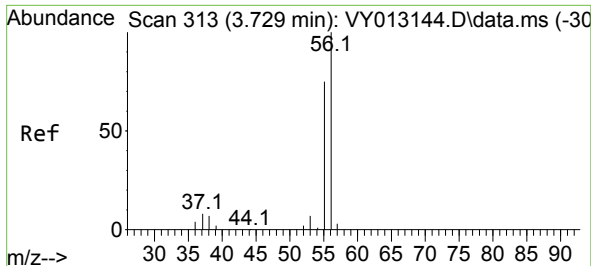
Tgt Ion: 59 Resp: 31244
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.016 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 96 Resp: 63519
Ion Ratio Lower Upper
96 100
61 161.7 131.7 197.5
98 63.8 52.0 78.0

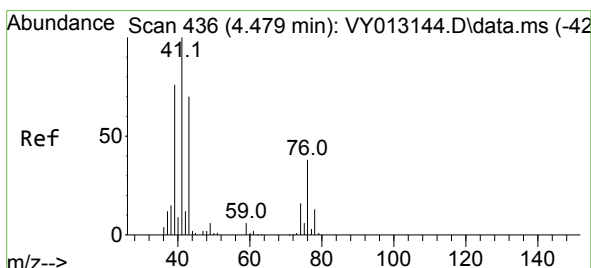
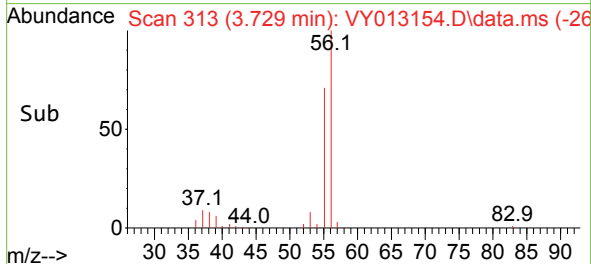
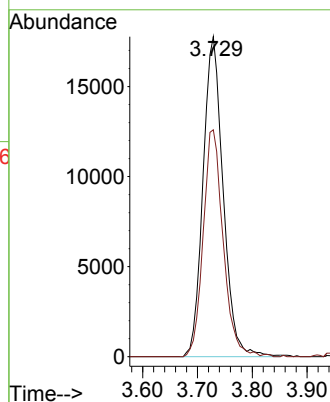
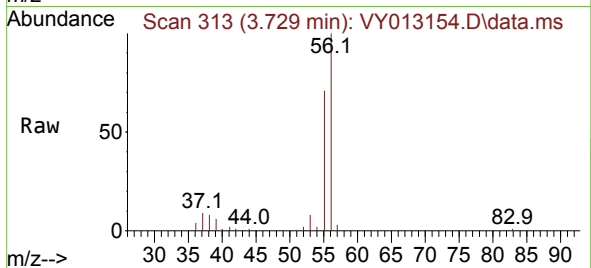




#13
Acrolein
Concen: 239.727 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

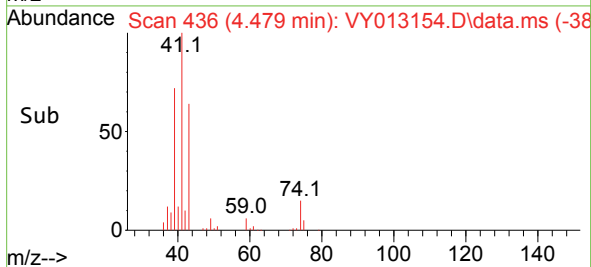
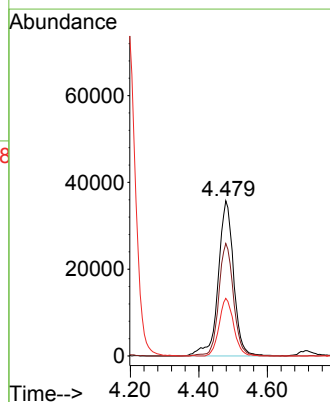
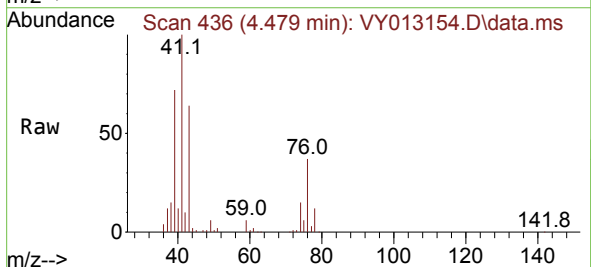
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

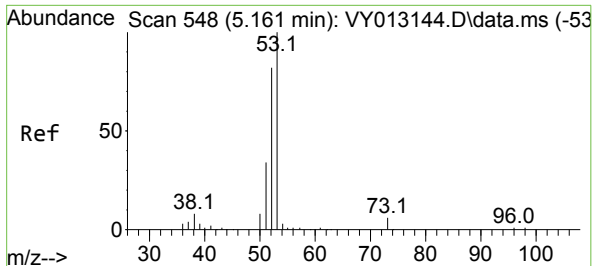
Tgt Ion: 56 Resp: 45282
Ion Ratio Lower Upper
56 100
55 70.1 56.8 85.2



#14
Allyl chloride
Concen: 48.377 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 41 Resp: 111360
Ion Ratio Lower Upper
41 100
39 69.3 53.6 80.4
76 35.0 27.2 40.8

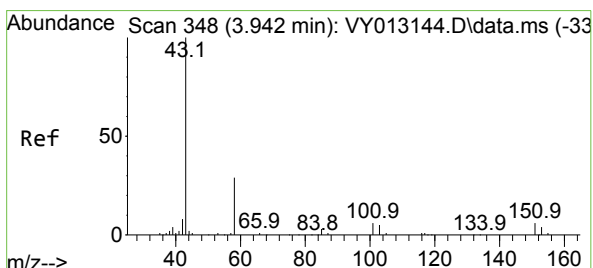
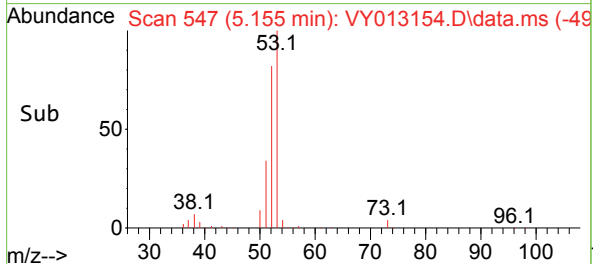
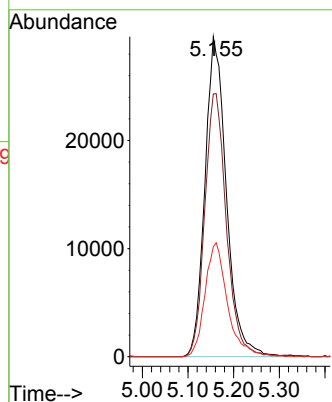
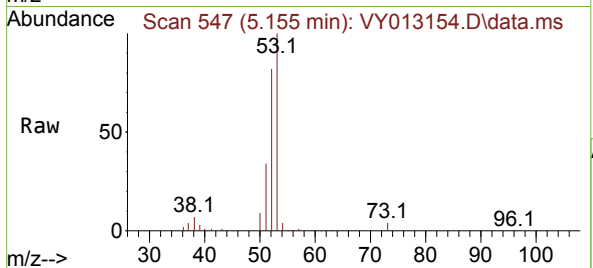




#15
Acrylonitrile
Concen: 243.931 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

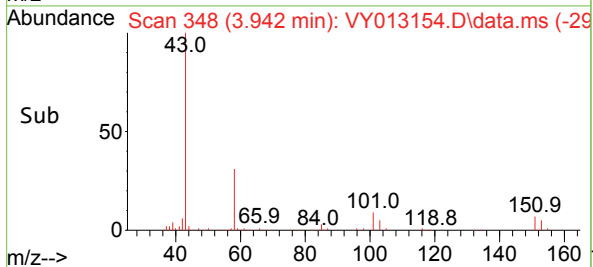
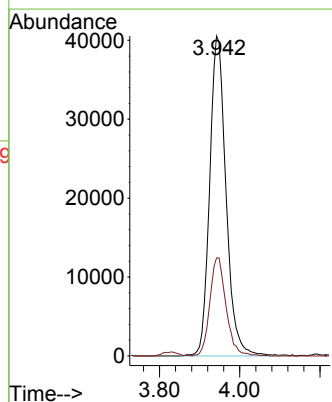
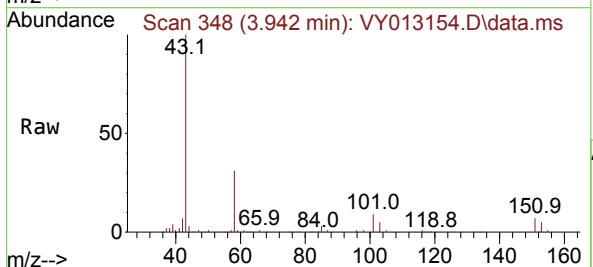
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

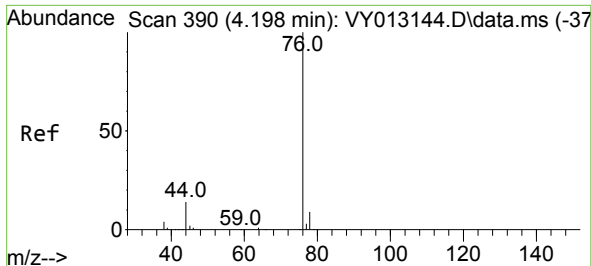
Tgt Ion: 53 Resp: 96487
Ion Ratio Lower Upper
53 100
52 82.8 66.3 99.5
51 37.2 28.8 43.2



#16
Acetone
Concen: 251.573 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 43 Resp: 114885
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.2

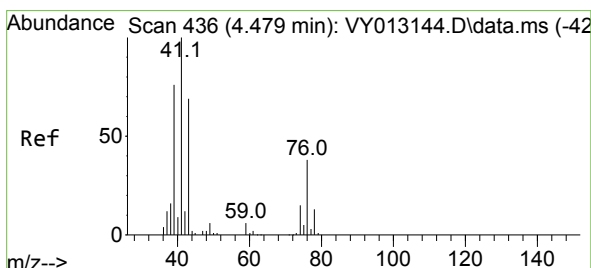
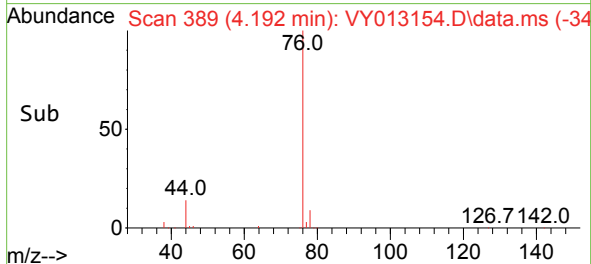
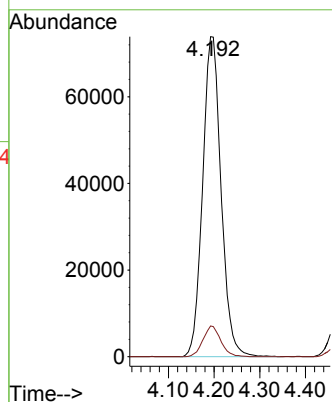
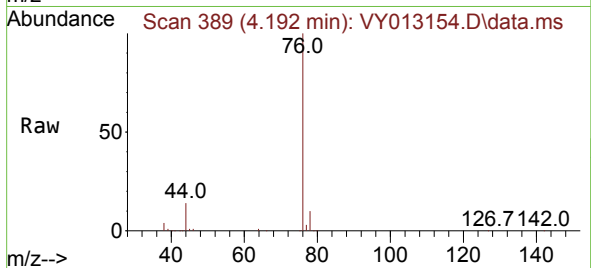




#17
Carbon Disulfide
Concen: 46.036 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

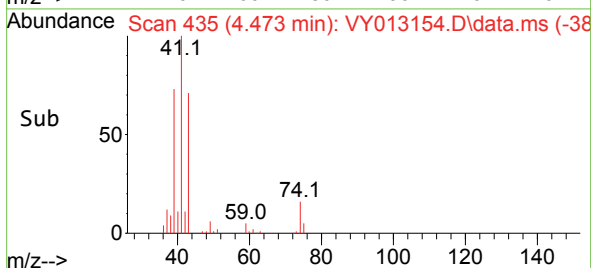
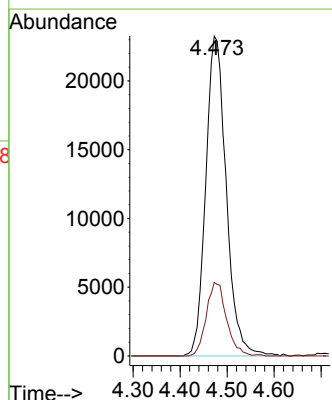
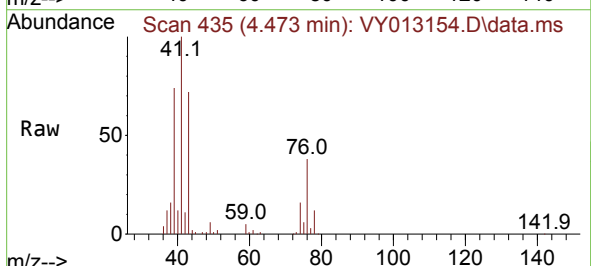
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

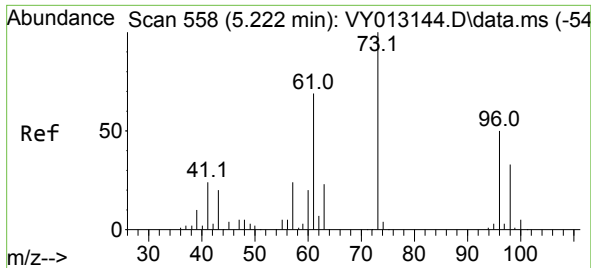
Tgt Ion: 76 Resp: 207126
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 48.849 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 43 Resp: 70290
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

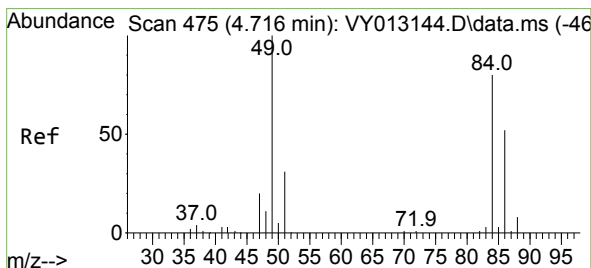
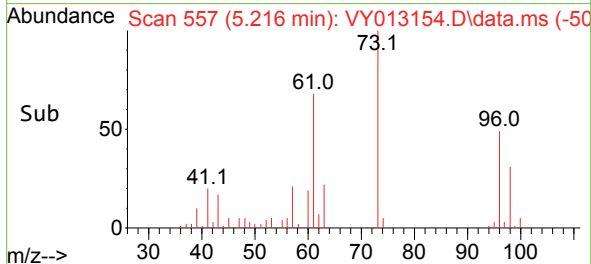
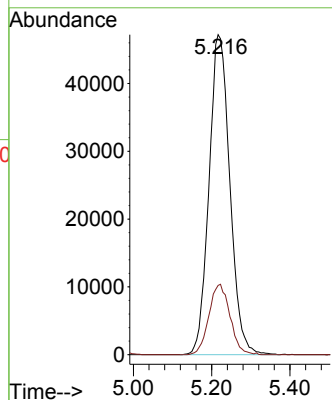
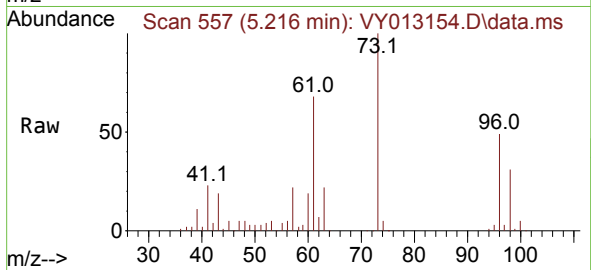




#19
Methyl tert-butyl Ether
Concen: 50.948 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

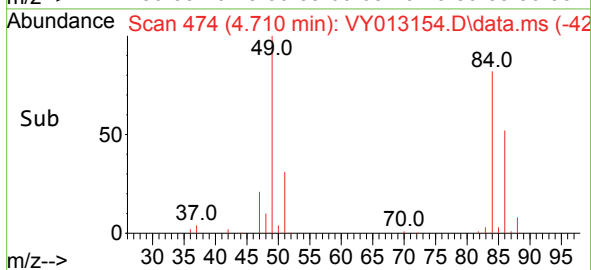
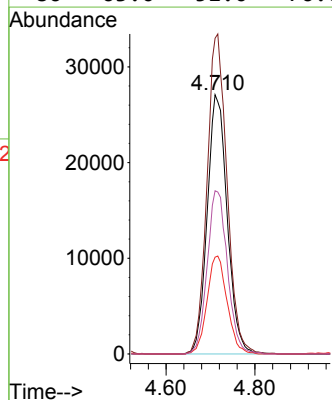
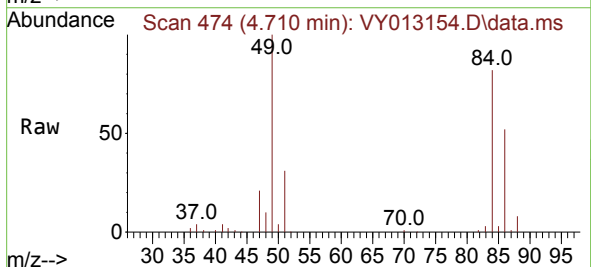
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

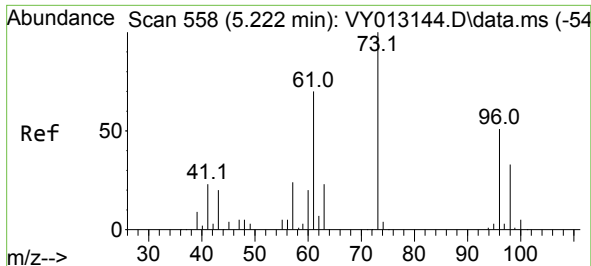
Tgt Ion: 73 Resp: 174418
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 54.288 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 84 Resp: 84857
Ion Ratio Lower Upper
84 100
49 121.8 102.6 154.0
51 37.4 31.9 47.9
86 63.0 51.0 76.6

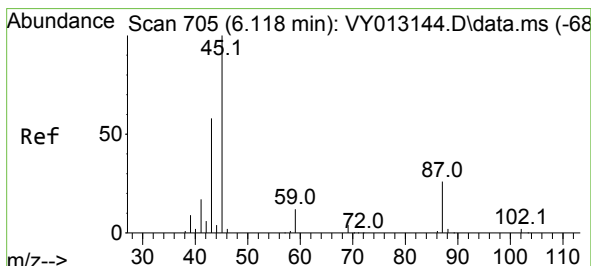
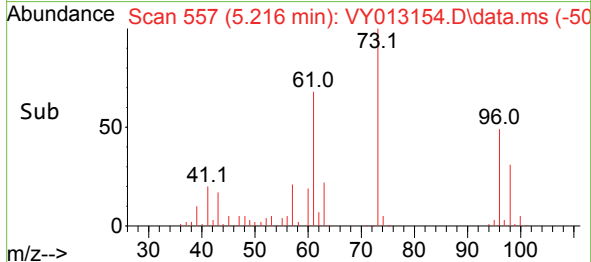
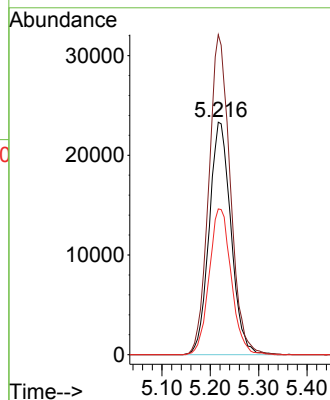
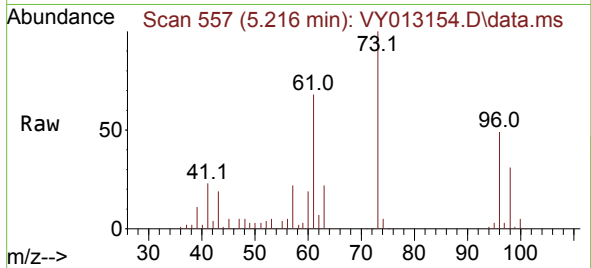




#21
trans-1,2-Dichloroethene
Concen: 47.951 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

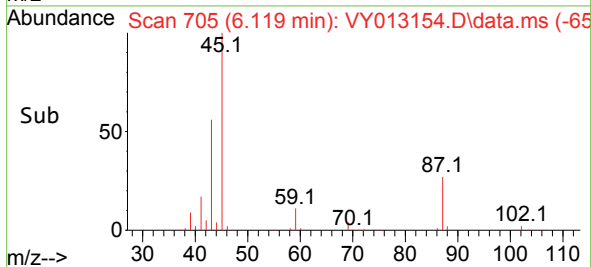
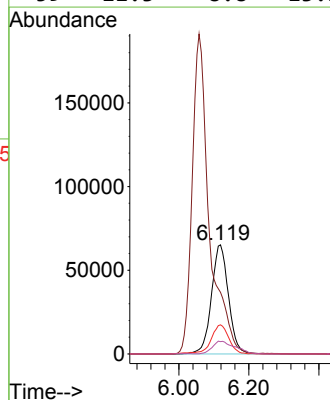
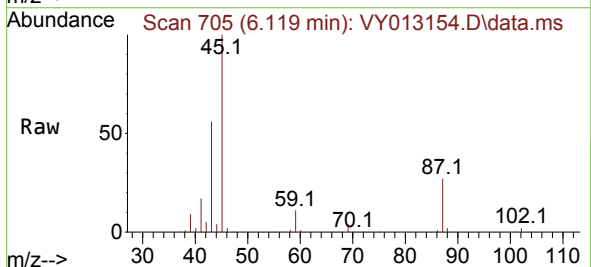
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

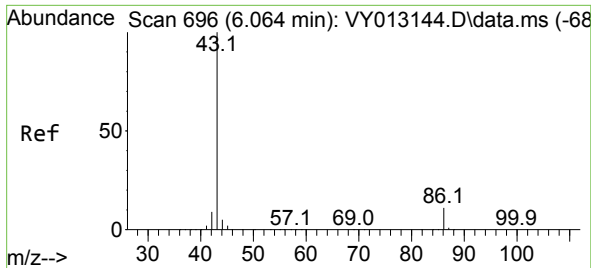
Tgt Ion: 96 Resp: 72991
Ion Ratio Lower Upper
96 100
61 137.6 111.4 167.0
98 62.7 50.8 76.2



#22
Diisopropyl ether
Concen: 48.874 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 45 Resp: 219806
Ion Ratio Lower Upper
45 100
43 56.2 45.0 67.6
87 26.7 20.3 30.5
59 11.3 8.8 13.2

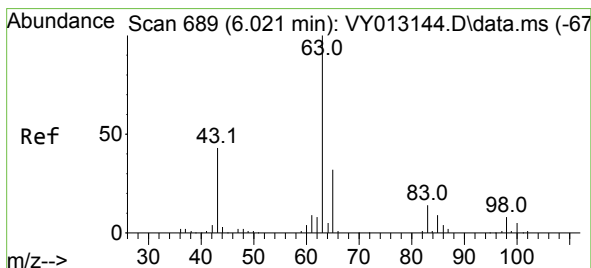
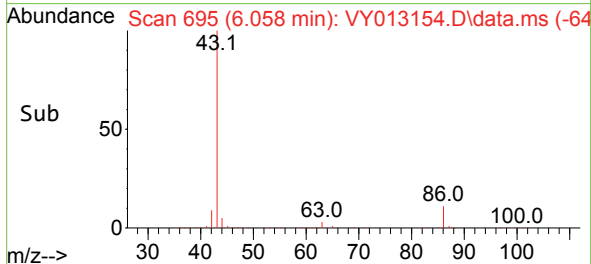
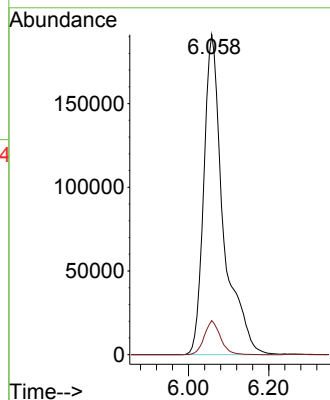
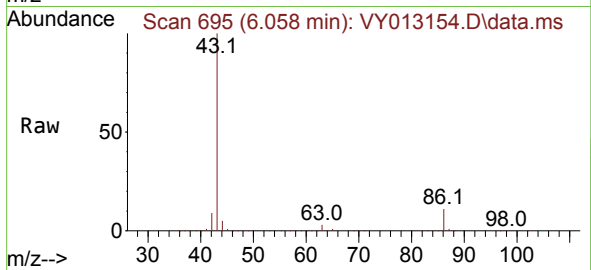




#23
 Vinyl Acetate
 Concen: 253.227 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013154.D
 Acq: 30 Mar 2023 16:46

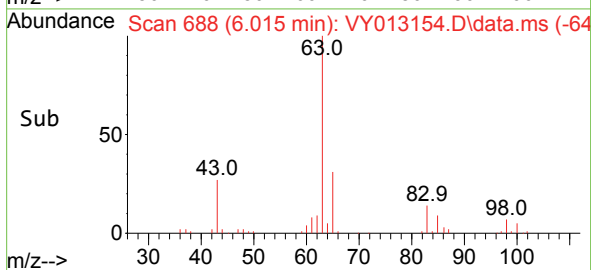
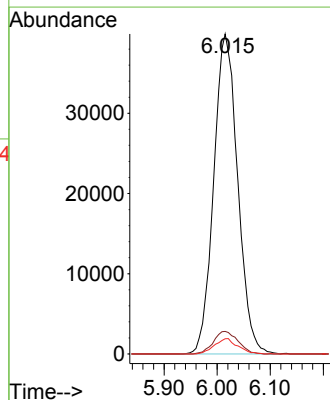
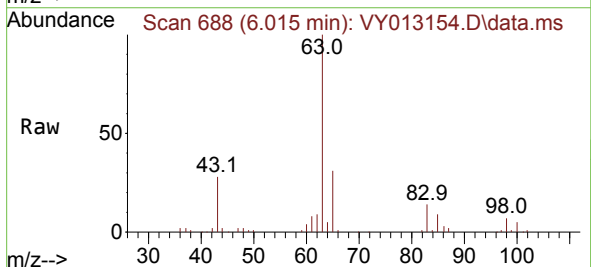
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

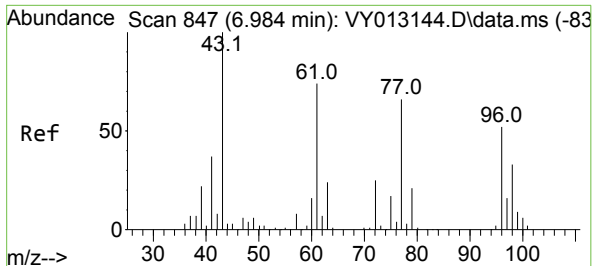
Tgt Ion: 43 Resp: 647630
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.942 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013154.D
 Acq: 30 Mar 2023 16:46

Tgt Ion: 63 Resp: 125033
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.7 2.3 6.8

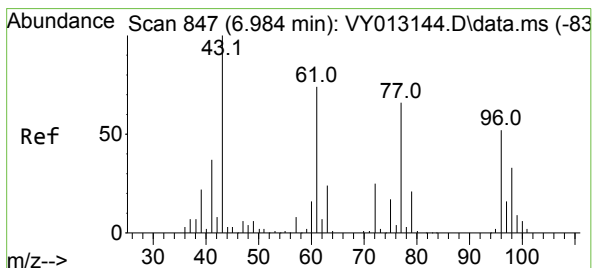
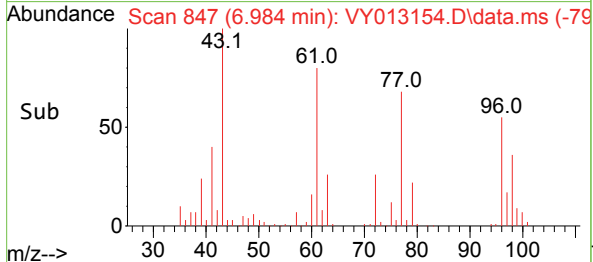
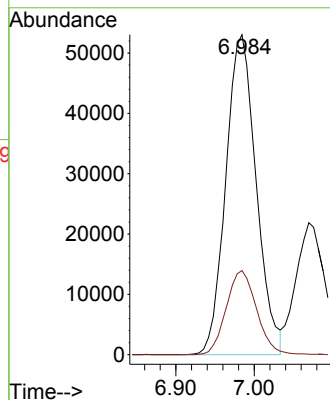
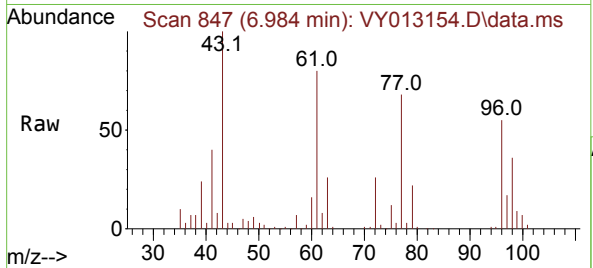




#25
2-Butanone
Concen: 250.593 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

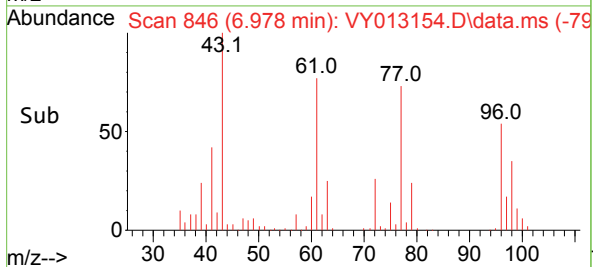
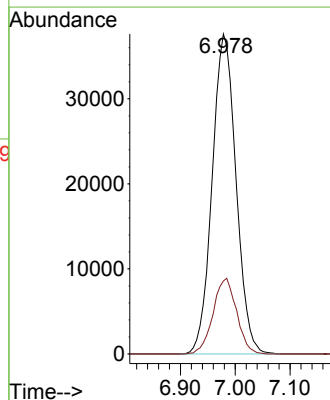
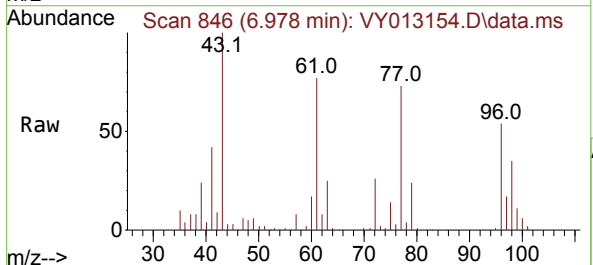
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

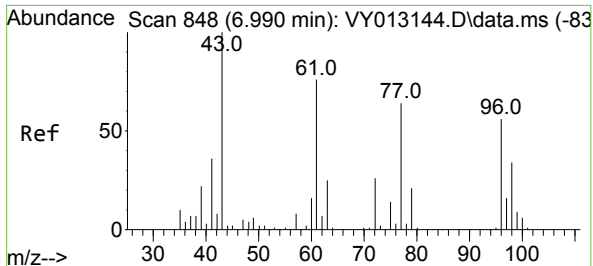
Tgt Ion: 43 Resp: 143093
Ion Ratio Lower Upper
43 100
72 26.3 21.0 31.4



#26
2,2-Dichloropropane
Concen: 47.455 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 77 Resp: 113691
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.415 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

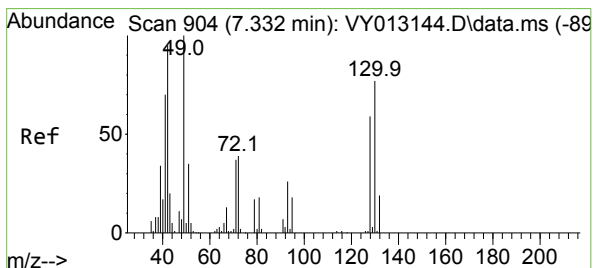
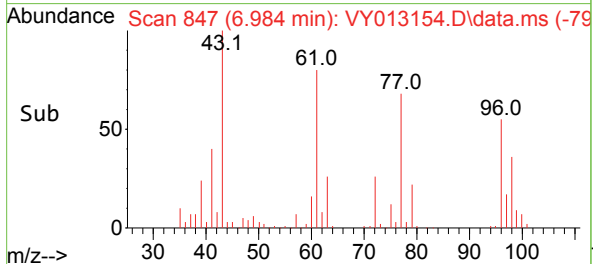
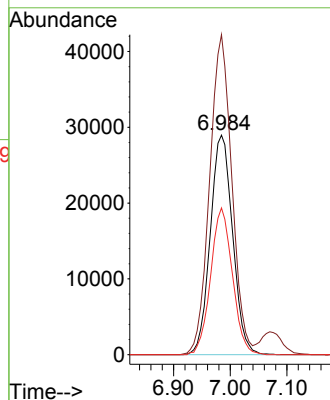
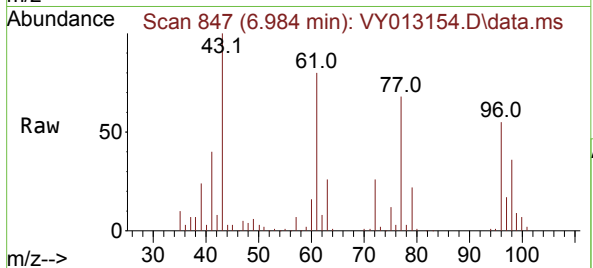
Tgt Ion: 96 Resp: 79396

Ion Ratio Lower Upper

96 100

61 144.4 0.0 295.8

98 64.9 0.0 130.2



#28

Bromochloromethane

Concen: 47.733 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

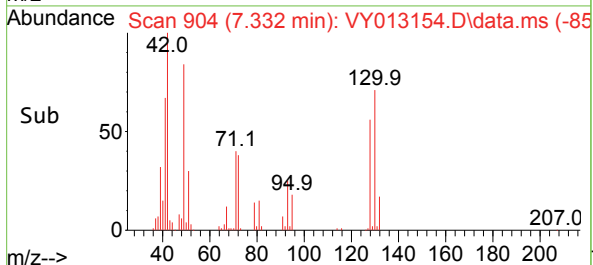
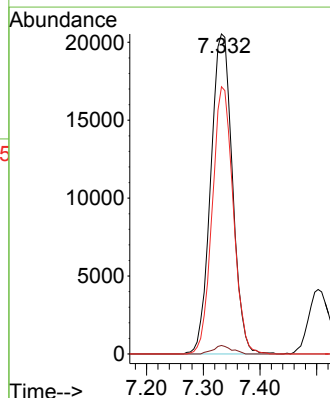
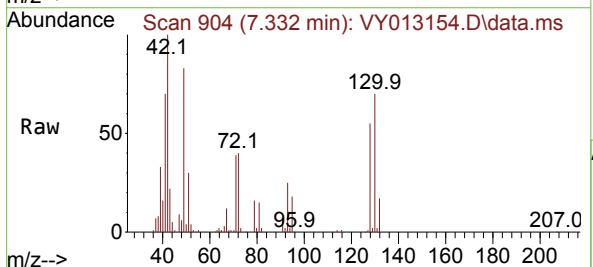
Tgt Ion: 49 Resp: 54555

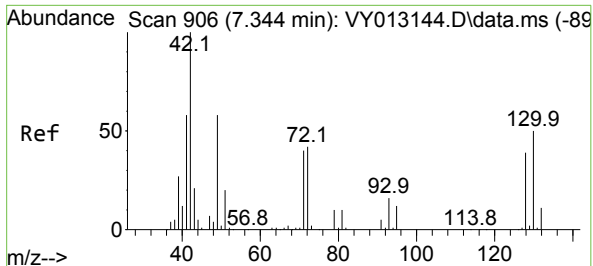
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 80.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 257.495 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

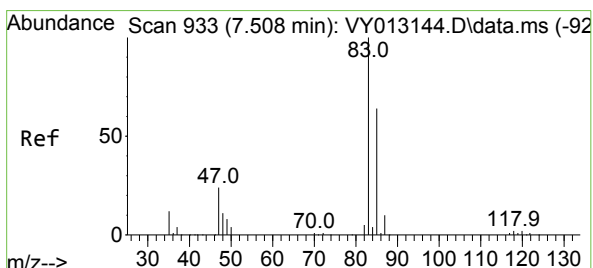
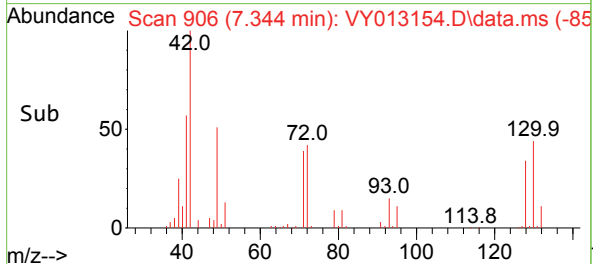
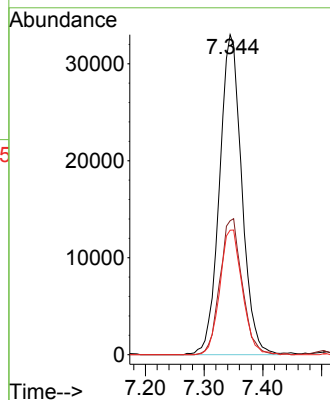
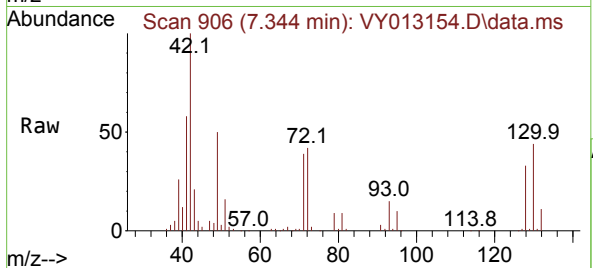
Tgt Ion: 42 Resp: 87039

Ion Ratio Lower Upper

42 100

72 42.4 32.3 48.5

71 39.2 30.3 45.5



#30

Chloroform

Concen: 46.879 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013154.D

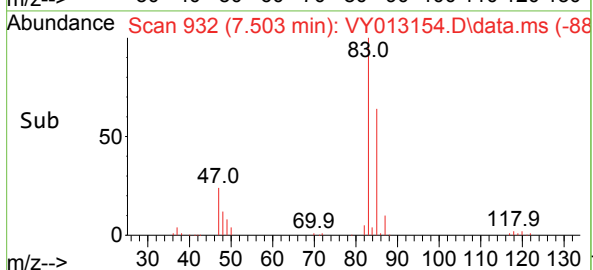
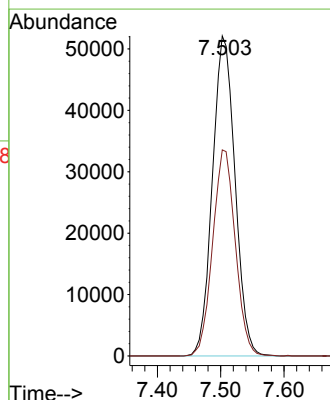
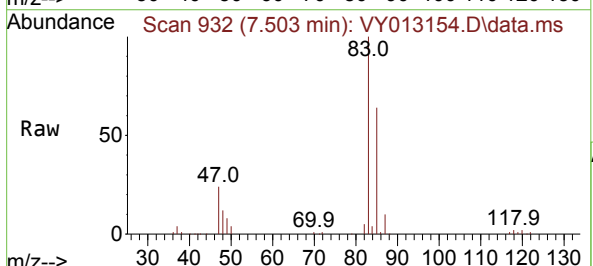
Acq: 30 Mar 2023 16:46

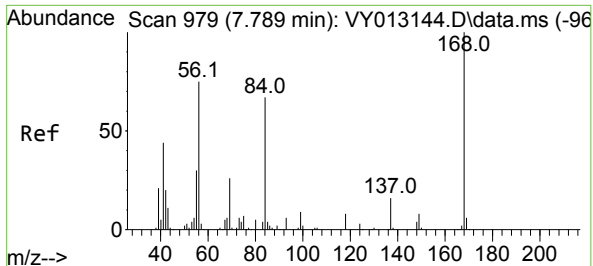
Tgt Ion: 83 Resp: 129304

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

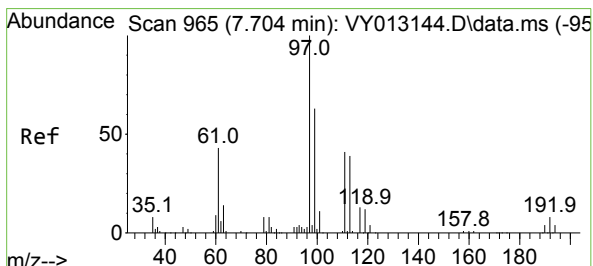
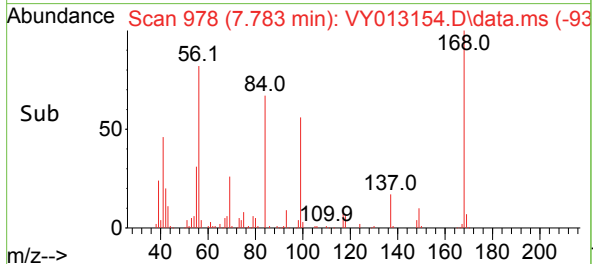
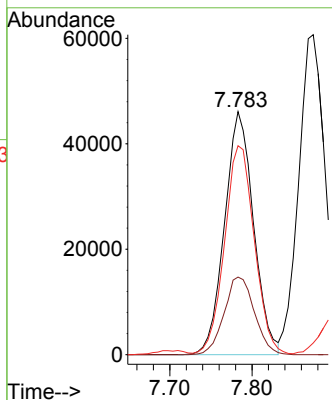
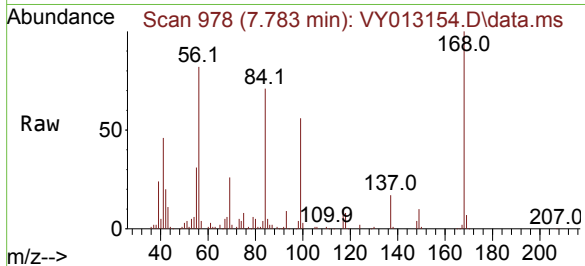




#31
Cyclohexane
Concen: 46.390 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

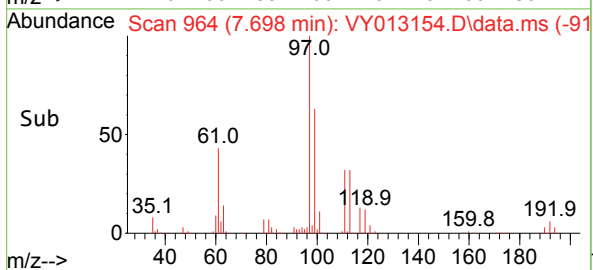
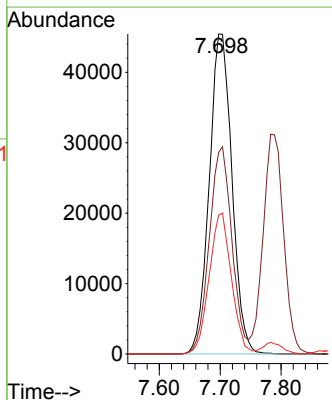
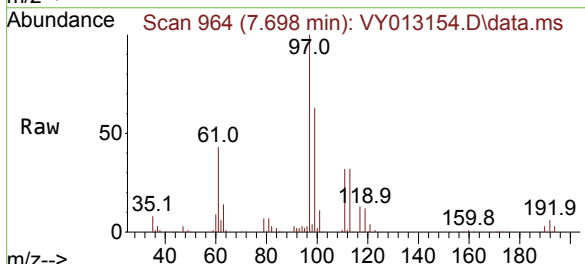
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

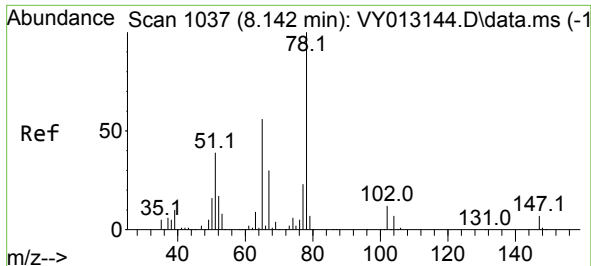
Tgt Ion: 56 Resp: 113102
Ion Ratio Lower Upper
56 100
69 31.9 25.7 38.5
84 84.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 48.251 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 97 Resp: 117669
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 43.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.228 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

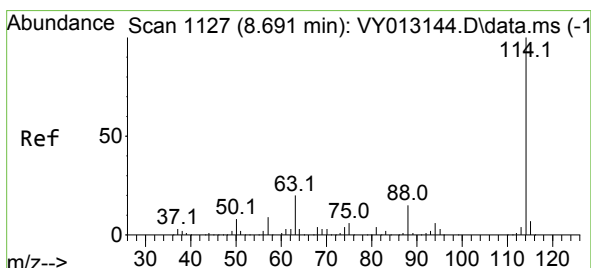
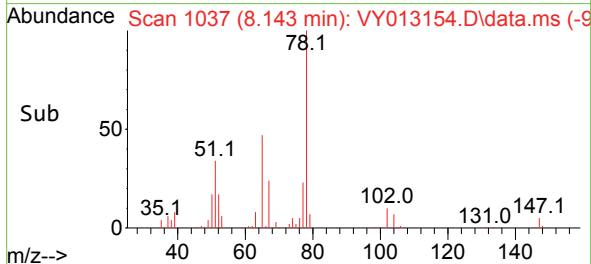
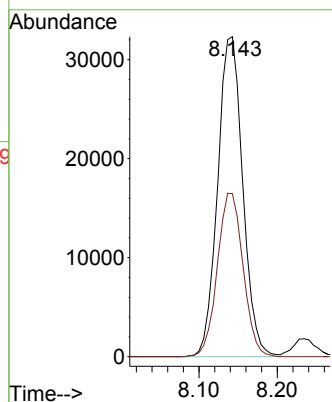
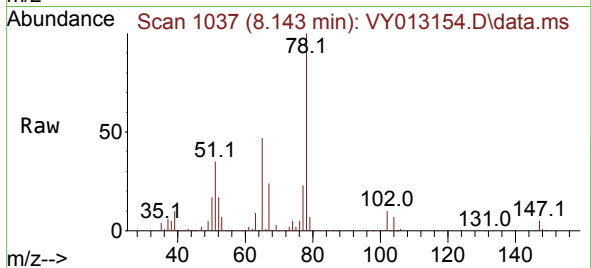
VSTDCCC050EC

Tgt Ion: 65 Resp: 72025

Ion Ratio Lower Upper

65 100

67 52.3 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: VY013154.D

Acq: 30 Mar 2023 16:46

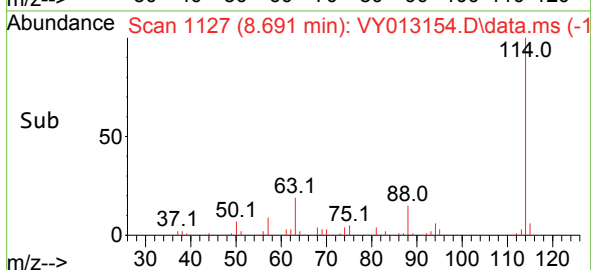
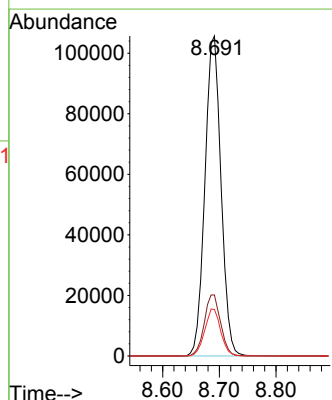
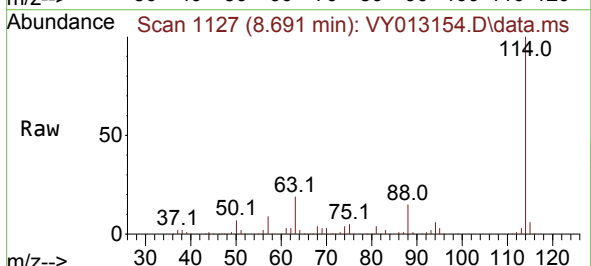
Tgt Ion: 114 Resp: 208115

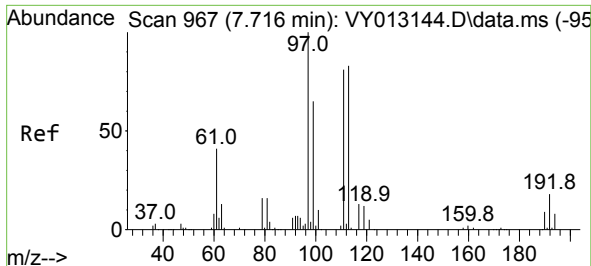
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.6 0.0 28.6

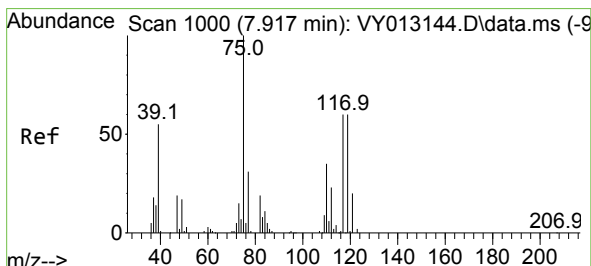
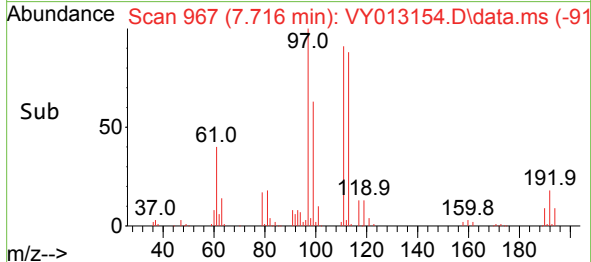
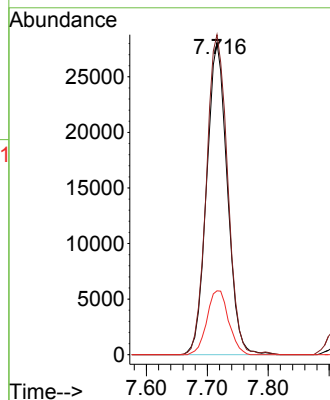
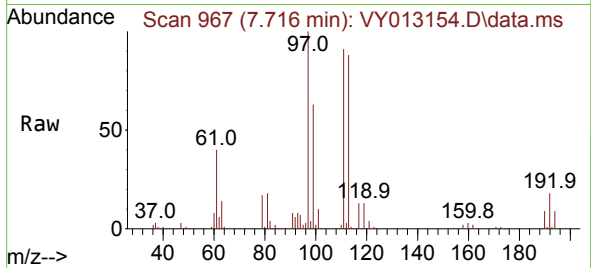




#35
Dibromofluoromethane
Concen: 48.682 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

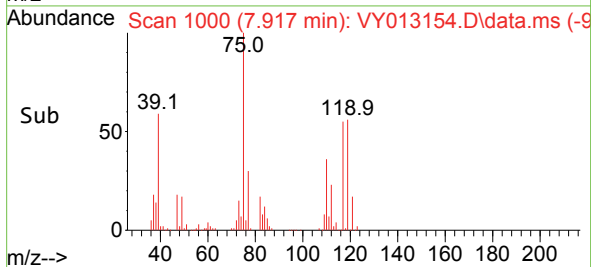
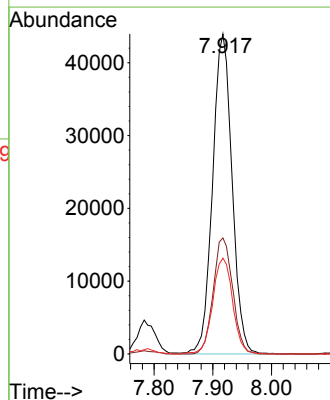
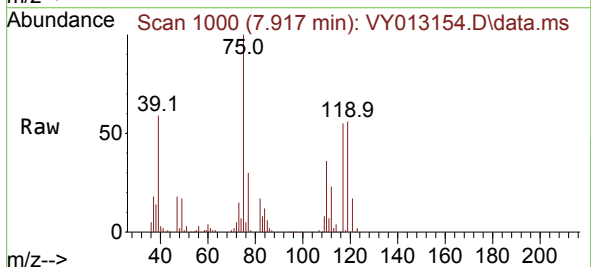
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

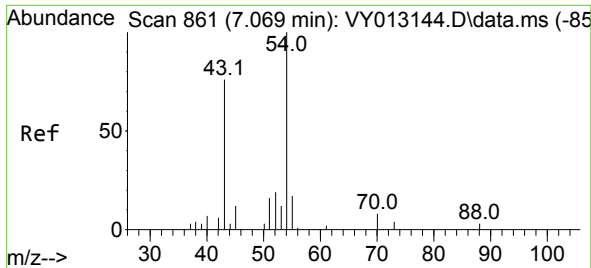
Tgt Ion:113 Resp: 66186
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.430 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 75 Resp: 101168
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.3
77 30.7 25.0 37.4

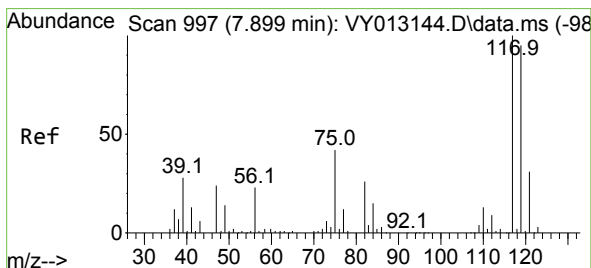
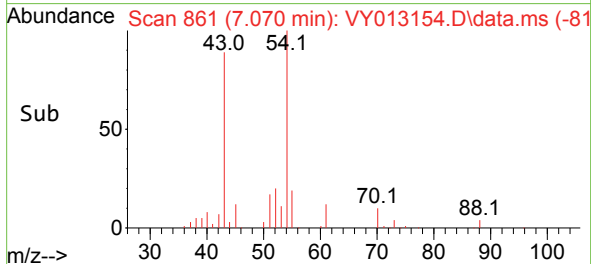
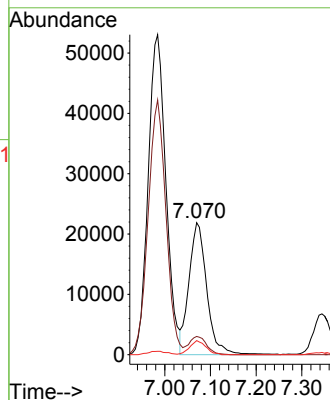
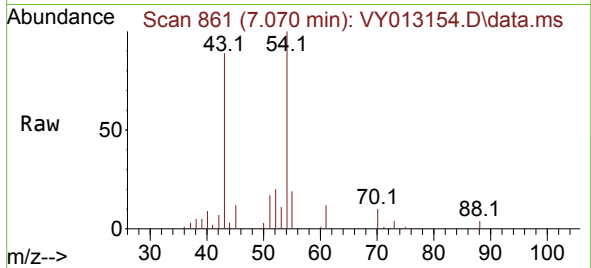




#37
Ethyl Acetate
Concen: 51.095 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

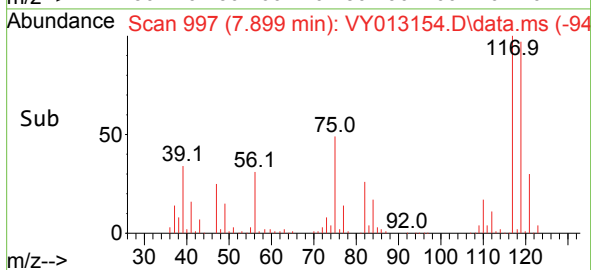
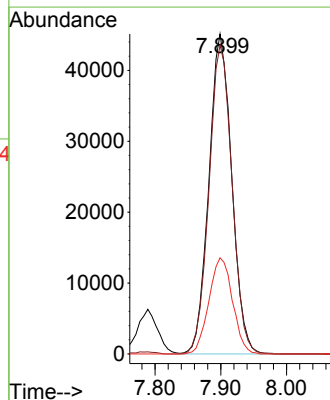
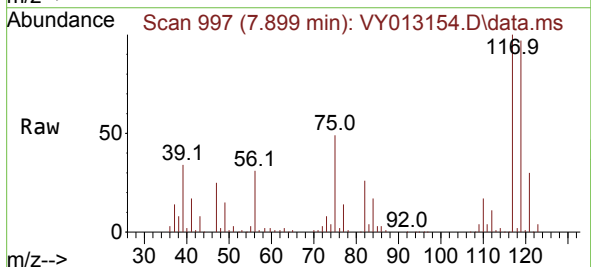
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

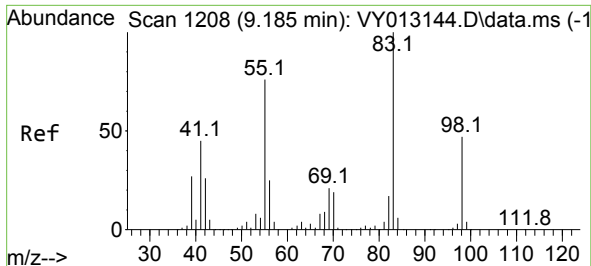
Tgt Ion:	43	Resp:	59406
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	9.6	7.8	11.8



#38
Carbon Tetrachloride
Concen: 48.346 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion:	117	Resp:	109180
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	30.0	24.7	37.1





#39

Methylcyclohexane

Concen: 49.915 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

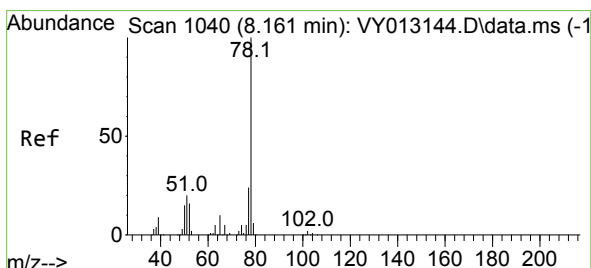
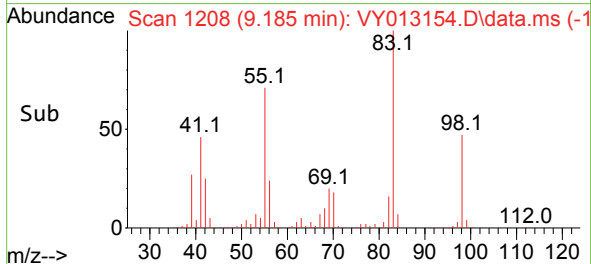
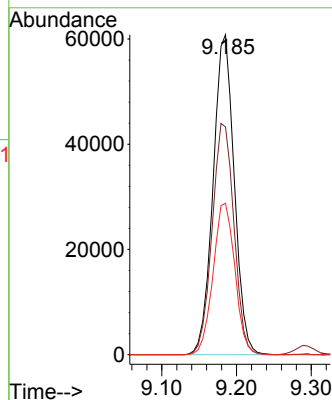
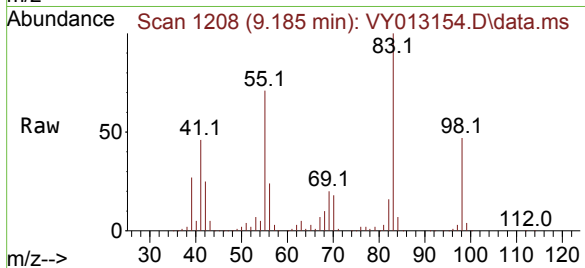
Tgt Ion: 83 Resp: 119854

Ion Ratio Lower Upper

83 100

55 71.2 60.0 90.0

98 47.3 38.3 57.5



#40

Benzene

Concen: 48.216 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013154.D

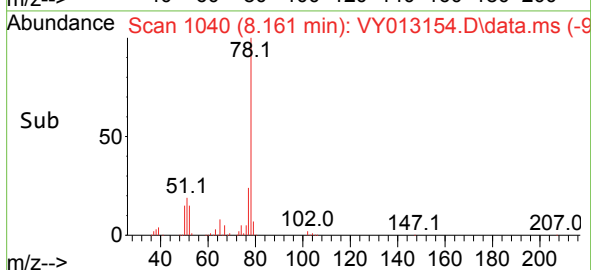
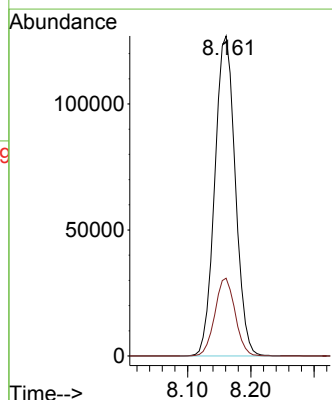
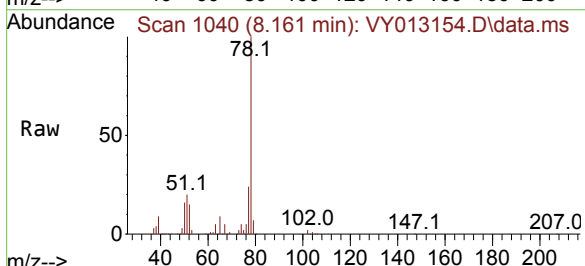
Acq: 30 Mar 2023 16:46

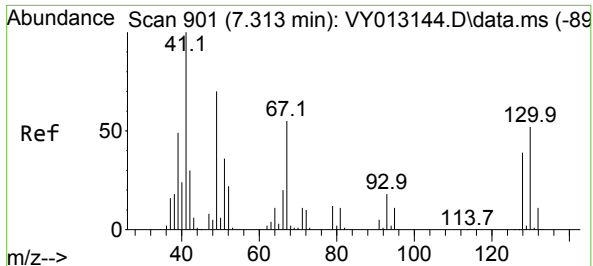
Tgt Ion: 78 Resp: 285029

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

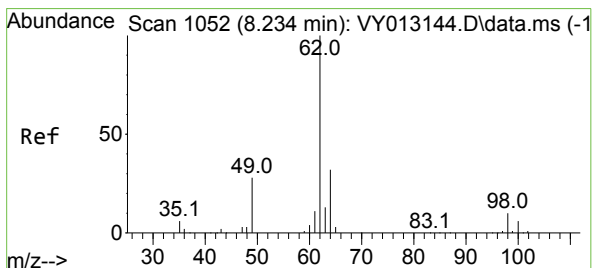
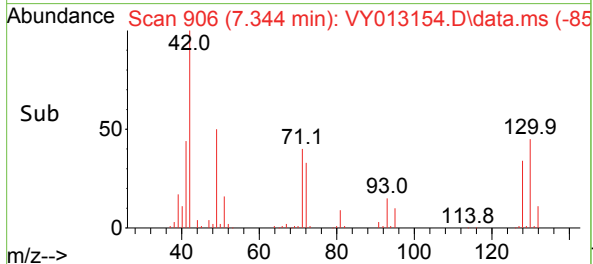
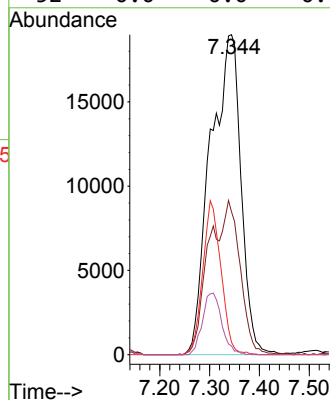
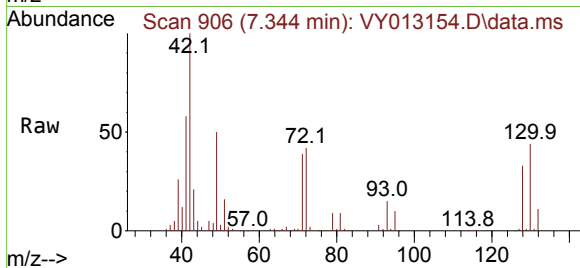




#41
Methacrylonitrile
Concen: 155.873 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

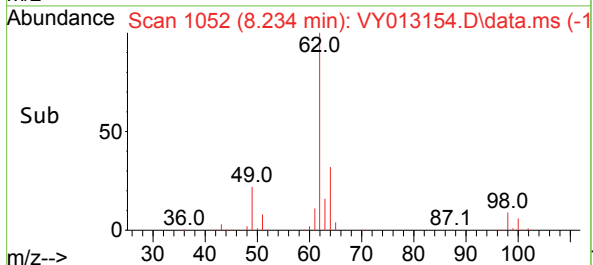
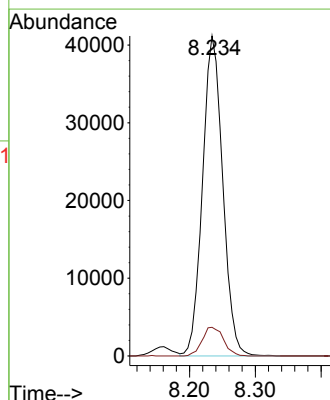
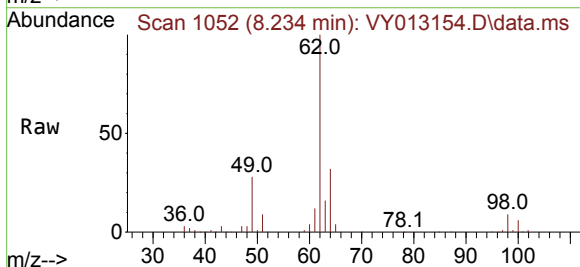
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

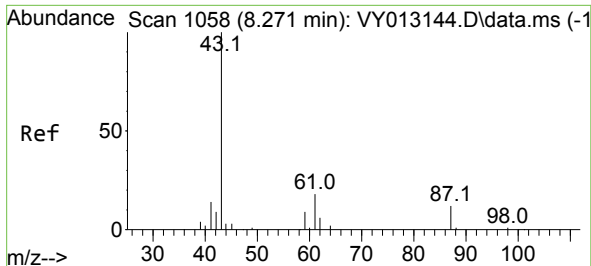
Tgt Ion:	41	Resp:	80398
Ion	Ratio	Lower	Upper
41	100		
39	27.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.678 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion:	62	Resp:	88163
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

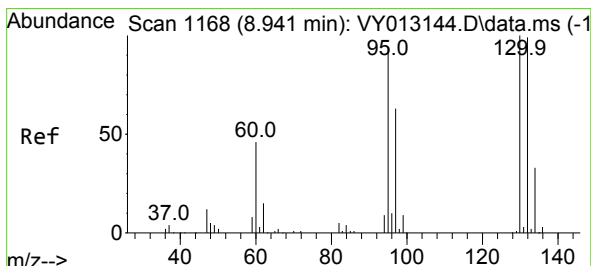
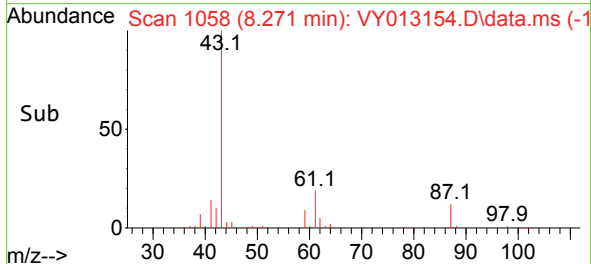
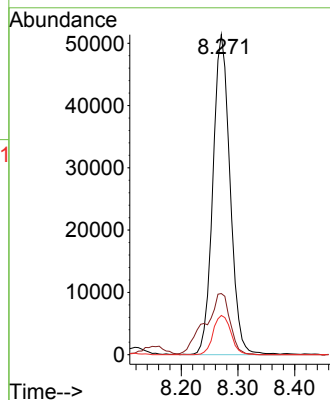
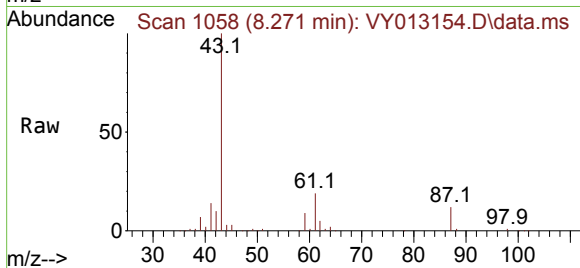




#43
Isopropyl Acetate
Concen: 51.889 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

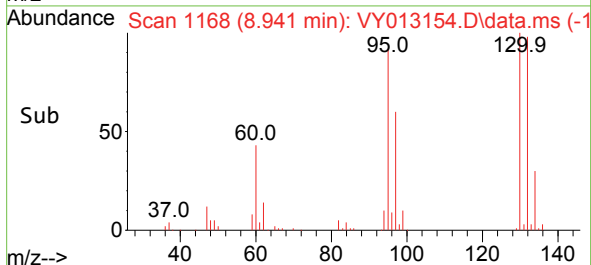
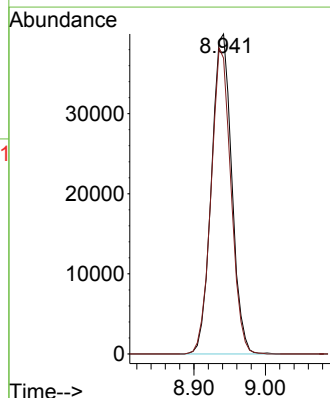
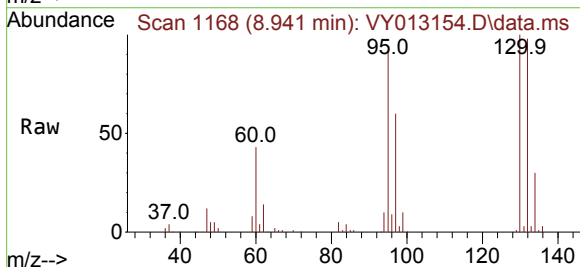
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

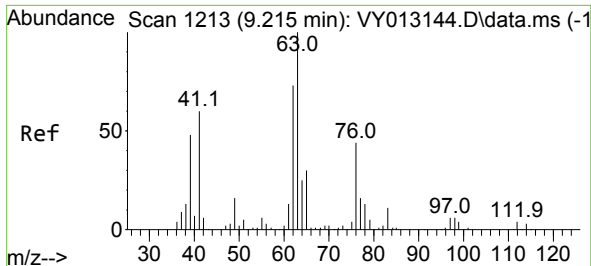
Tgt Ion: 43 Resp: 107989
Ion Ratio Lower Upper
43 100
61 27.8 21.6 32.4
87 12.6 9.9 14.9



#44
Trichloroethene
Concen: 48.278 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 130 Resp: 78565
Ion Ratio Lower Upper
130 100
95 92.4 0.0 185.0

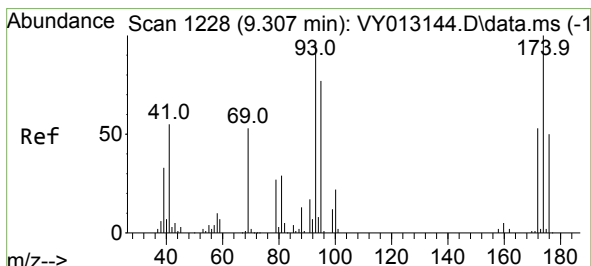
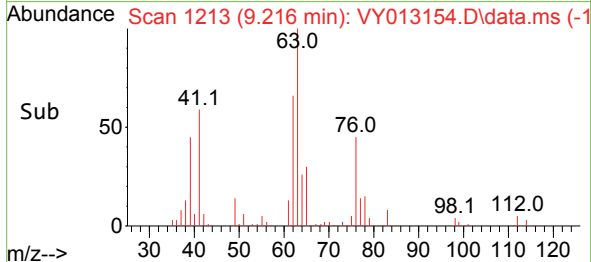
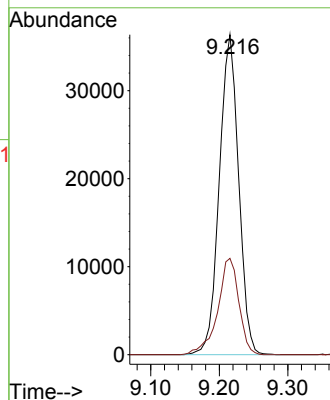
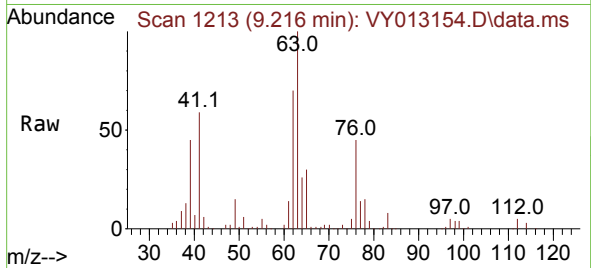




#45
1,2-Dichloropropane
Concen: 48.011 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

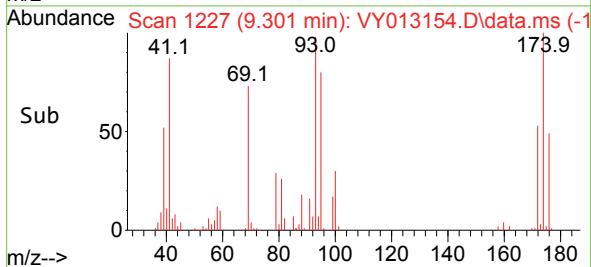
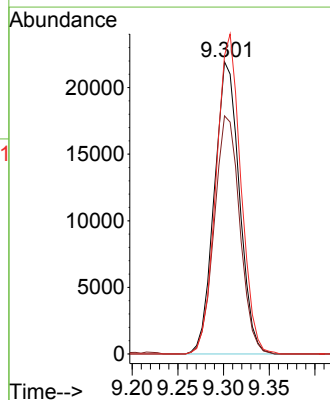
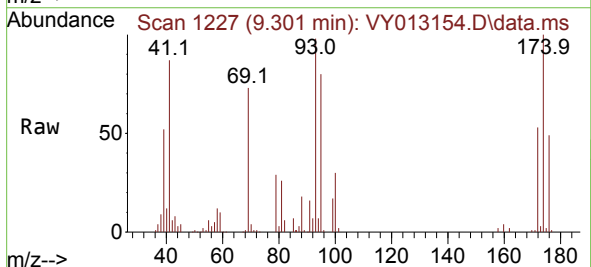
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

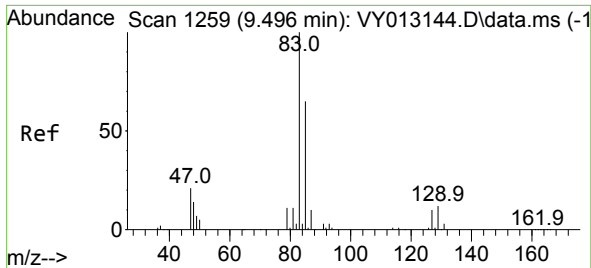
Tgt Ion: 63 Resp: 71070
Ion Ratio Lower Upper
63 100
65 30.1 25.7 38.5



#46
Dibromomethane
Concen: 49.166 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 93 Resp: 41809
Ion Ratio Lower Upper
93 100
95 82.9 65.6 98.4
174 108.1 81.3 121.9

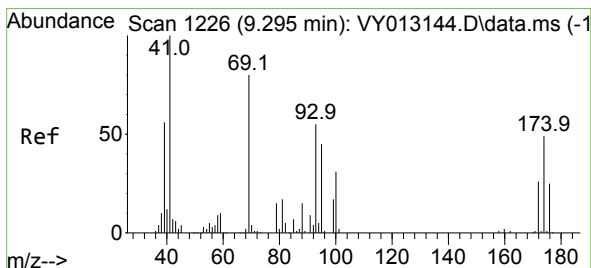
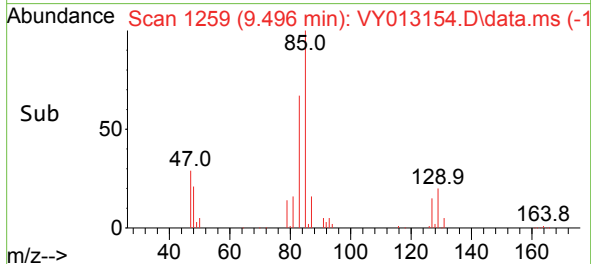
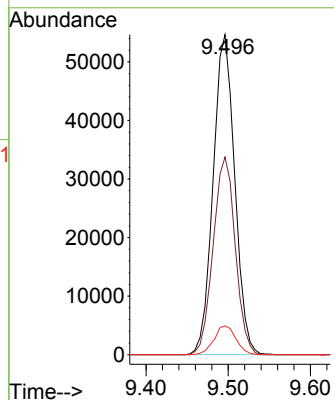
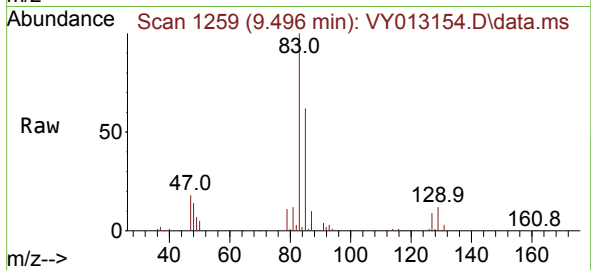




#47
Bromodichloromethane
Concen: 48.597 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

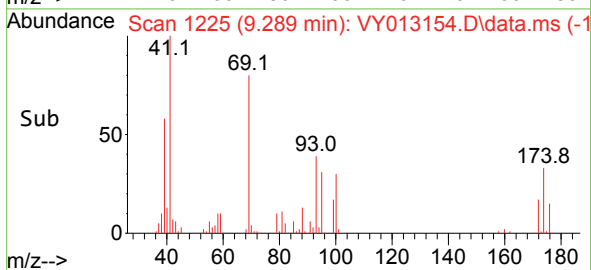
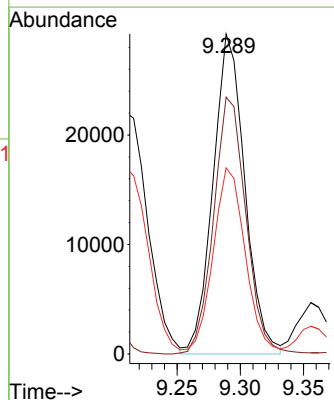
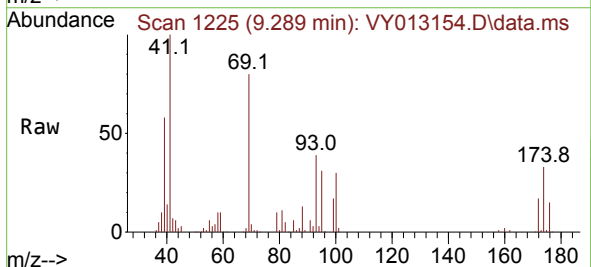
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

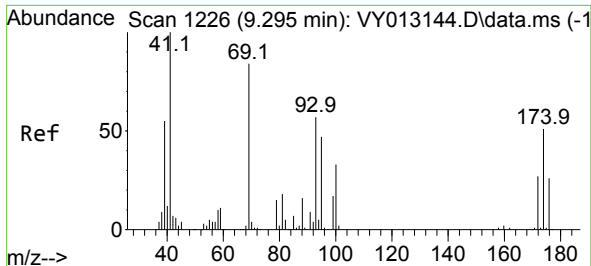
Tgt Ion: 83 Resp: 99712
Ion Ratio Lower Upper
83 100
85 61.8 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 52.619 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 41 Resp: 51001
Ion Ratio Lower Upper
41 100
69 82.1 64.1 96.1
39 56.6 44.0 66.0





#49

1,4-Dioxane

Concen: 1092.002 ug/l

RT: 9.295 min Scan# 11047

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

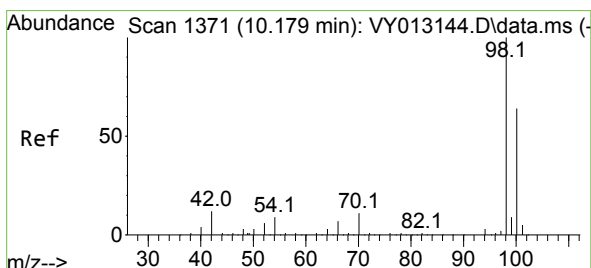
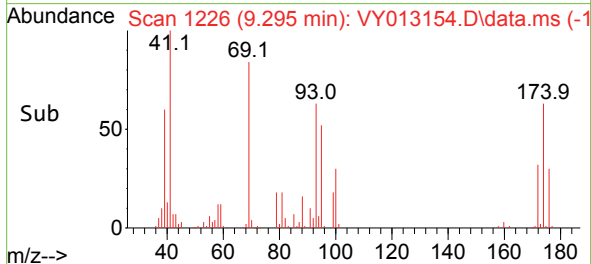
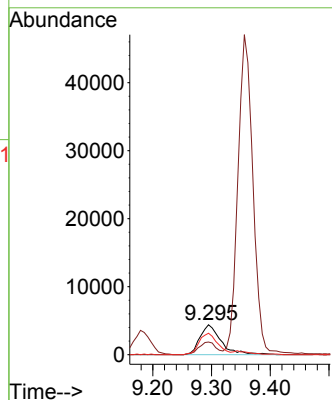
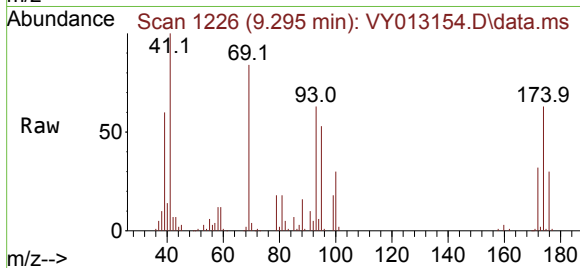
Tgt Ion: 88 Resp: 11047

Ion Ratio Lower Upper

88 100

43 35.2 28.6 42.8

58 62.7 55.2 82.8



#50

Toluene-d8

Concen: 48.882 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013154.D

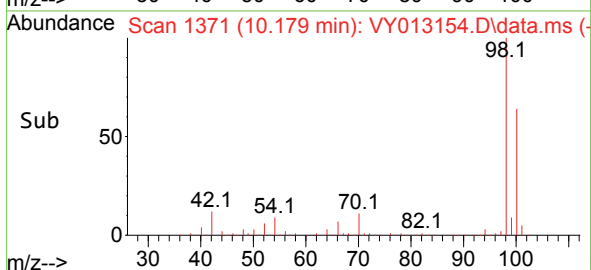
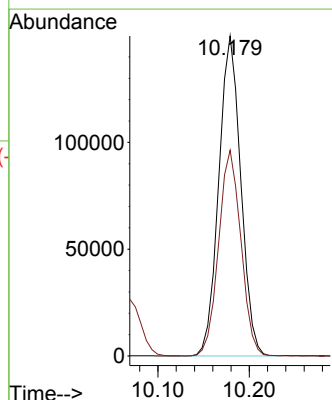
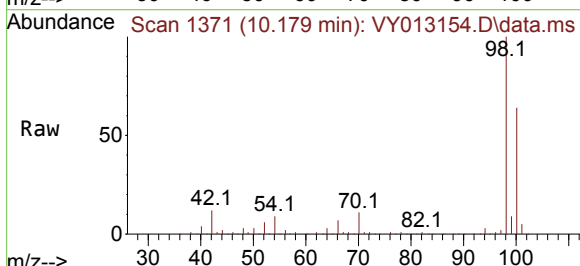
Acq: 30 Mar 2023 16:46

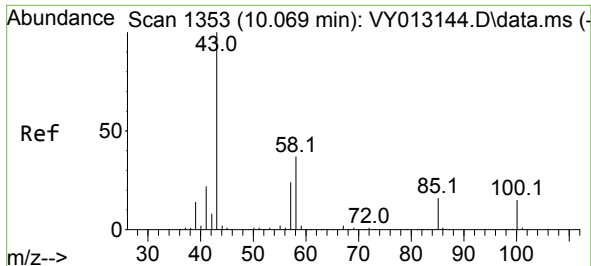
Tgt Ion: 98 Resp: 250886

Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 260.355 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

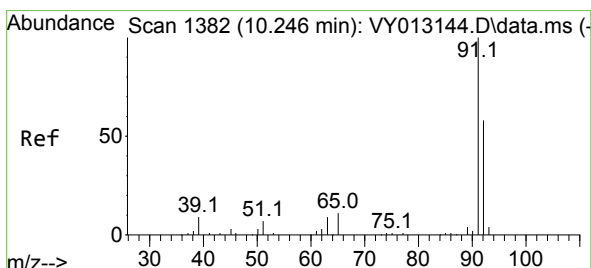
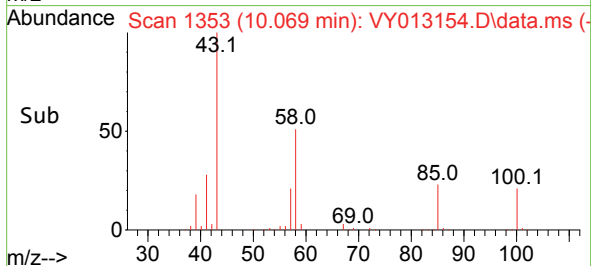
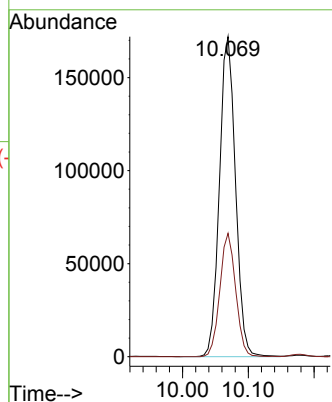
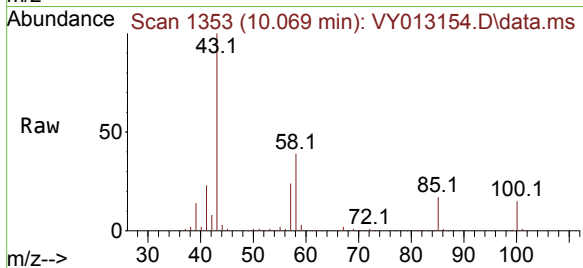
VSTDCCC050EC

Tgt Ion: 43 Resp: 292423

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



#52

Toluene

Concen: 49.193 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013154.D

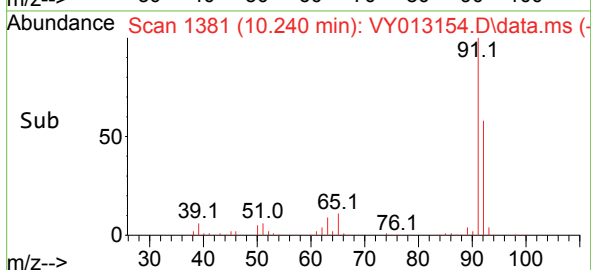
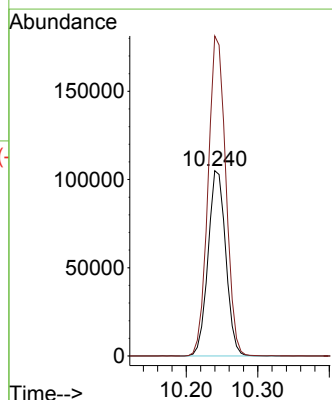
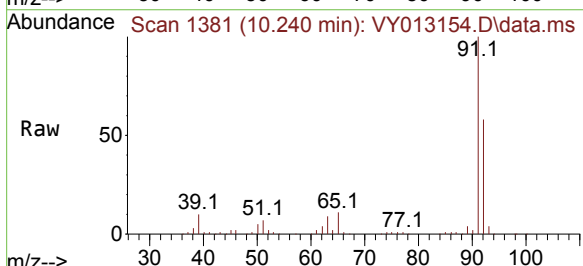
Acq: 30 Mar 2023 16:46

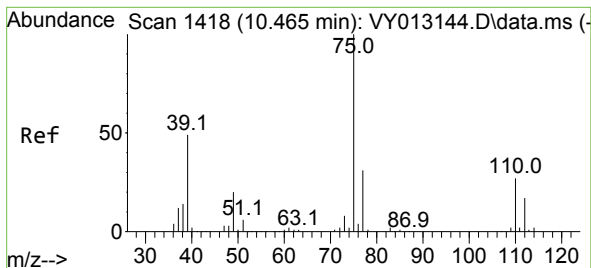
Tgt Ion: 92 Resp: 180388

Ion Ratio Lower Upper

92 100

91 173.1 141.3 211.9

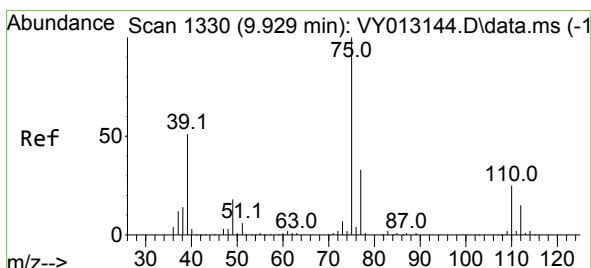
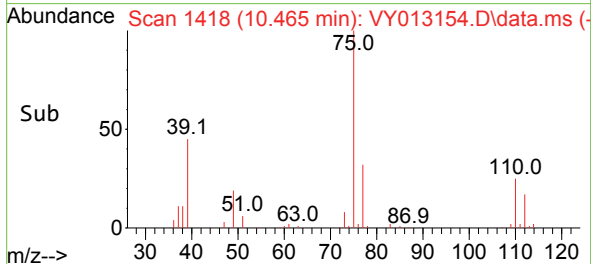
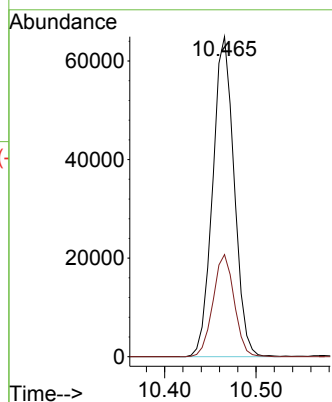
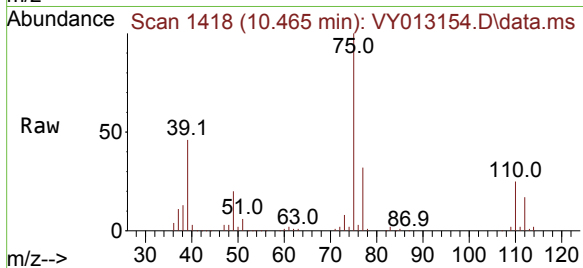




#53
t-1,3-Dichloropropene
Concen: 50.416 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

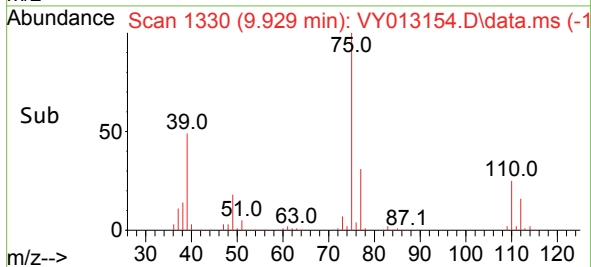
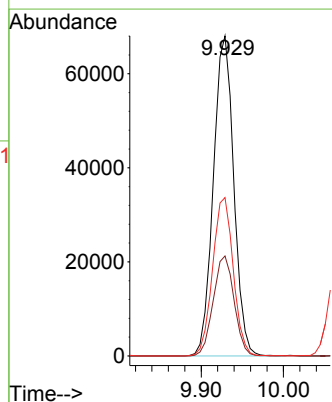
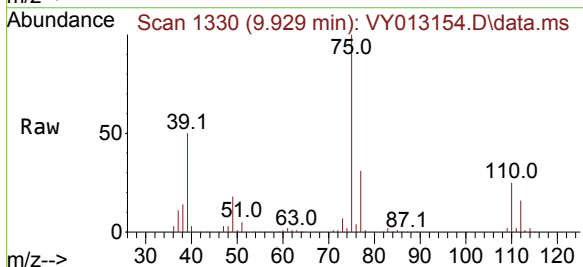
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

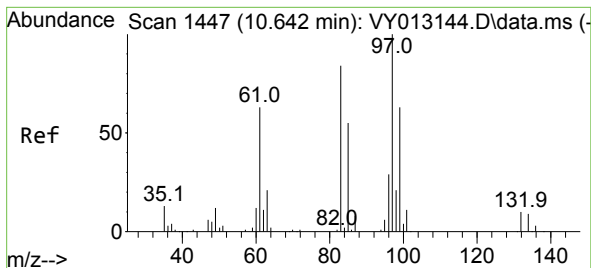
Tgt Ion: 75 Resp: 105734
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.972 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 75 Resp: 117298
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 49.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 48.705 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 57250

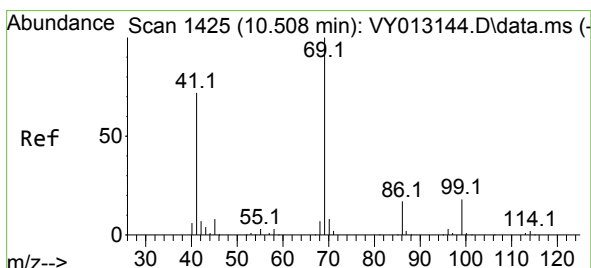
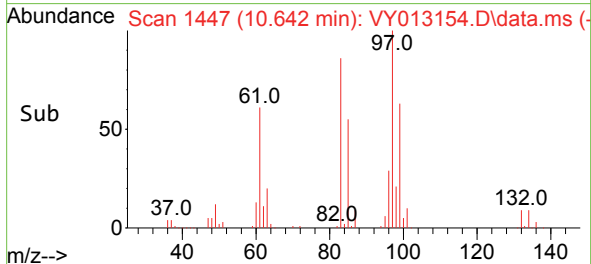
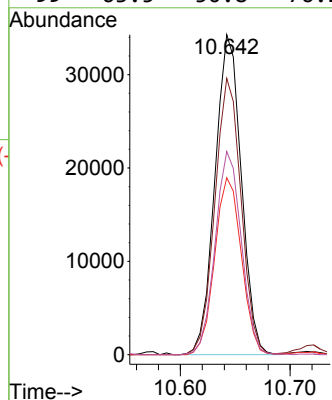
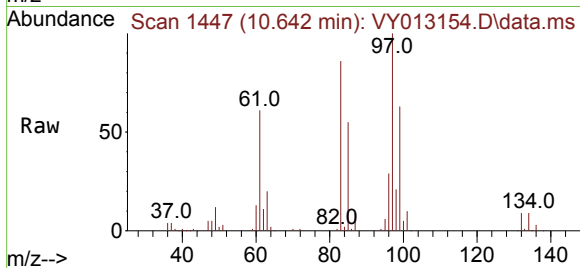
Ion Ratio Lower Upper

97 100

83 86.3 69.0 103.6

85 55.3 44.9 67.3

99 63.5 50.8 76.2



#56

Ethyl methacrylate

Concen: 53.370 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

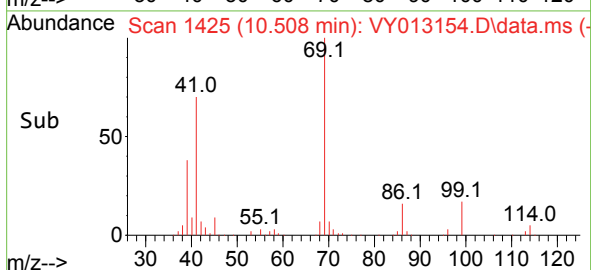
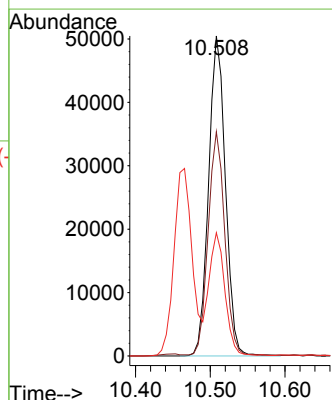
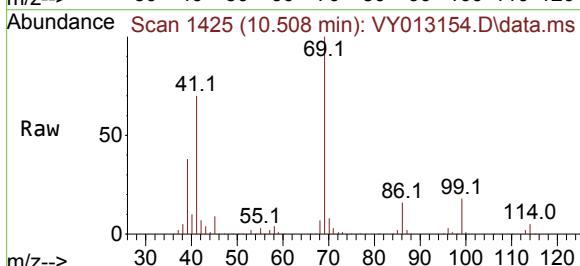
Tgt Ion: 69 Resp: 78874

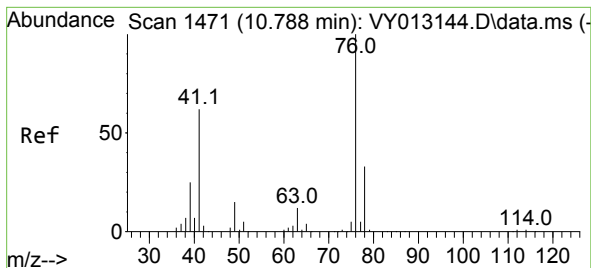
Ion Ratio Lower Upper

69 100

41 68.6 56.4 84.6

39 35.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 49.699 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

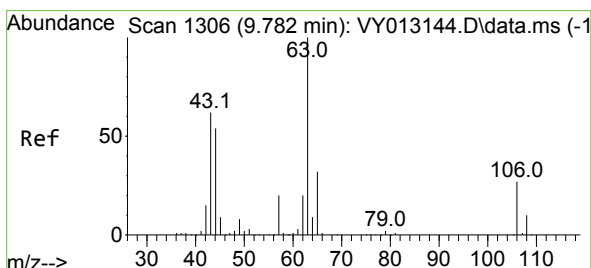
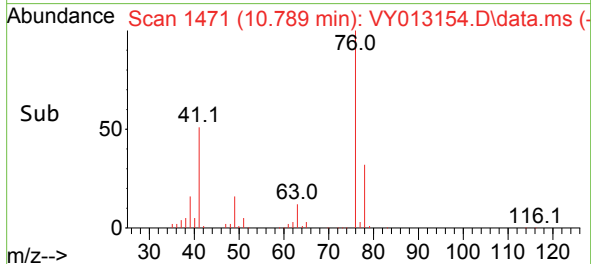
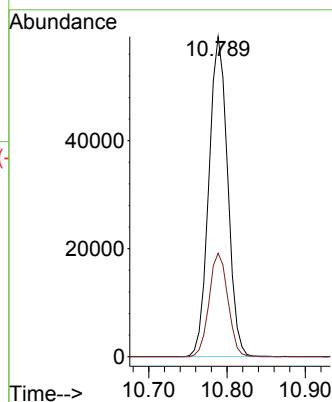
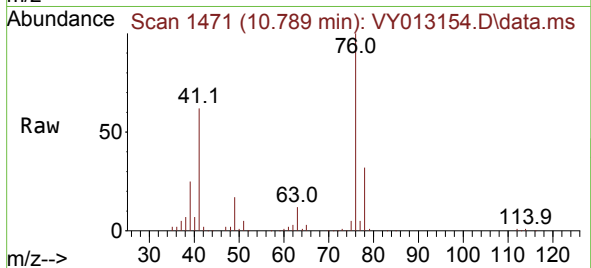
VSTDCCC050EC

Tgt Ion: 76 Resp: 98620

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.194 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013154.D

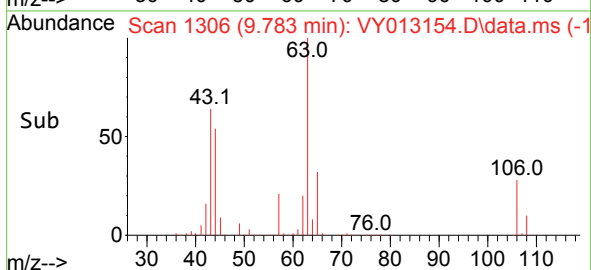
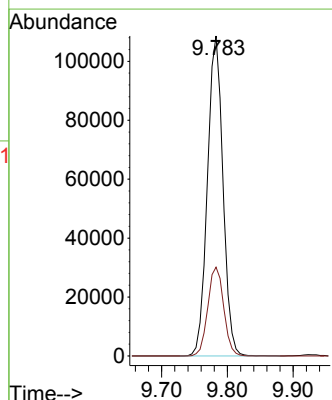
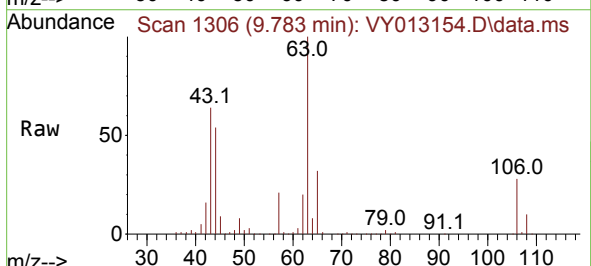
Acq: 30 Mar 2023 16:46

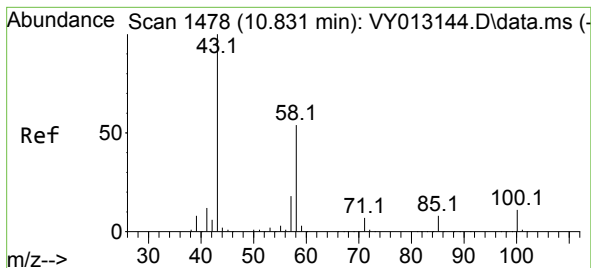
Tgt Ion: 63 Resp: 178421

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





#59

2-Hexanone

Concen: 270.069 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

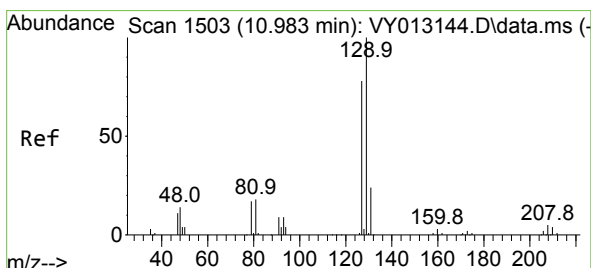
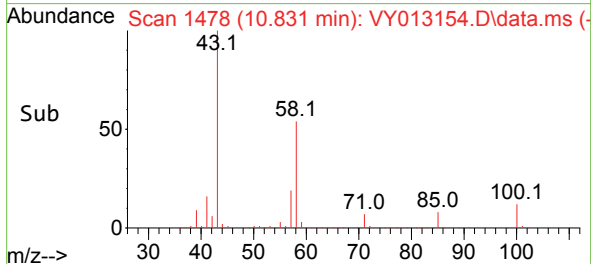
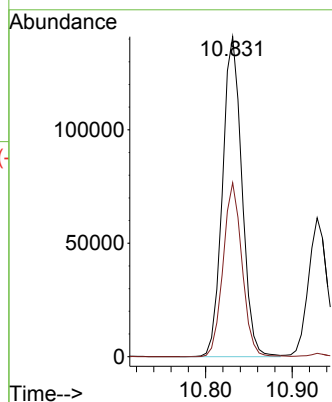
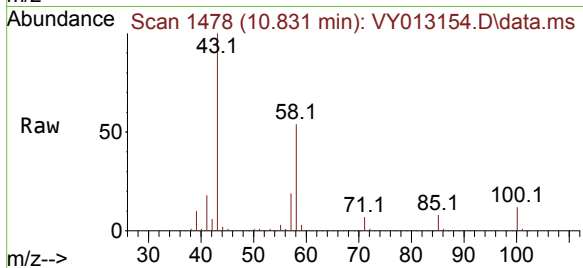
VSTDCCC050EC

Tgt Ion: 43 Resp: 219378

Ion Ratio Lower Upper

43 100

58 52.9 25.9 77.8



#60

Dibromochloromethane

Concen: 49.315 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013154.D

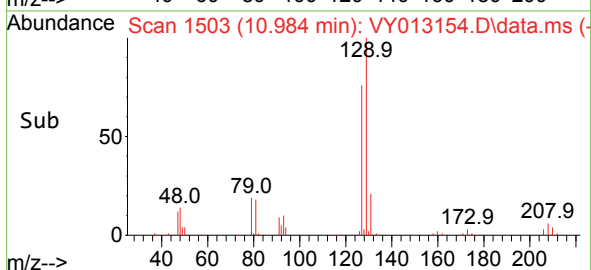
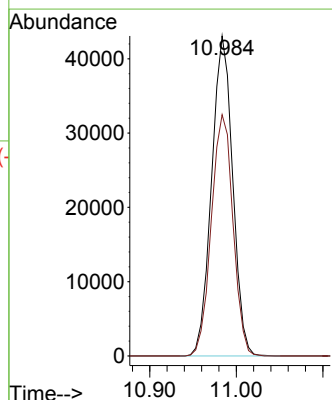
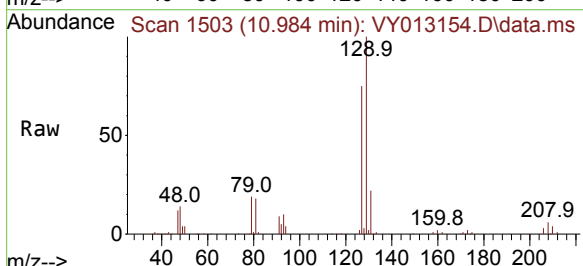
Acq: 30 Mar 2023 16:46

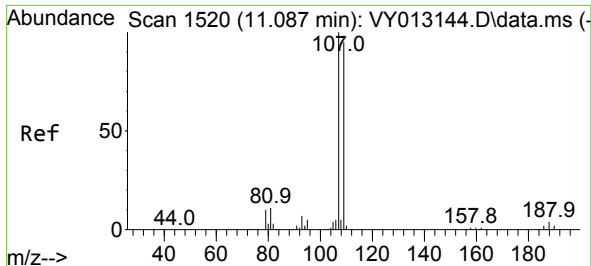
Tgt Ion: 129 Resp: 72805

Ion Ratio Lower Upper

129 100

127 77.3 38.7 116.1

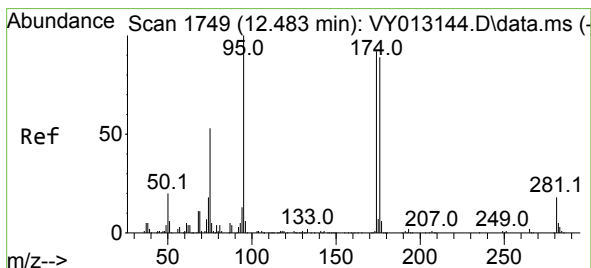
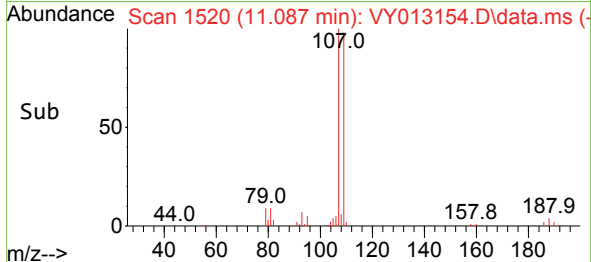
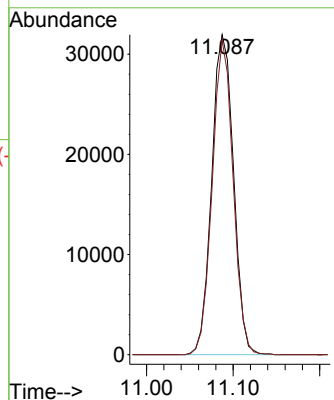
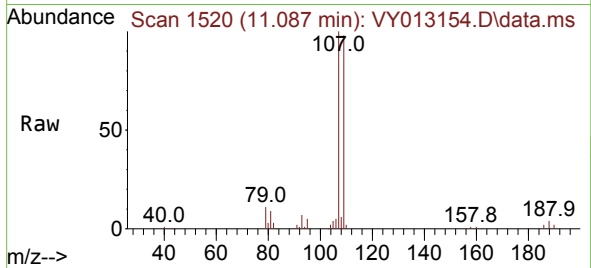




#61
1,2-Dibromoethane
Concen: 49.003 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

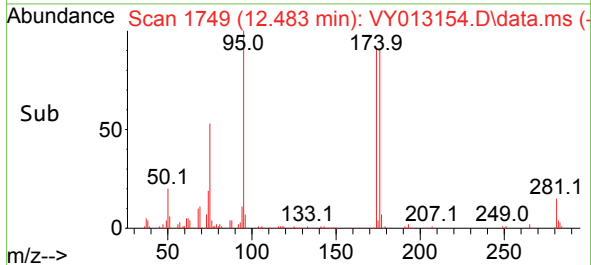
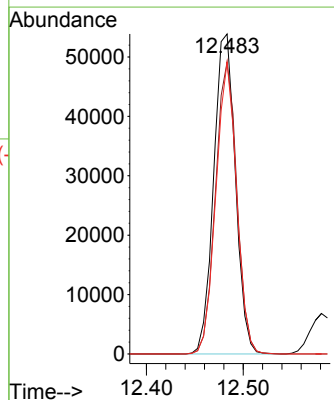
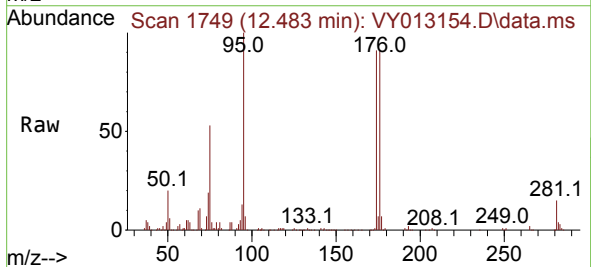
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

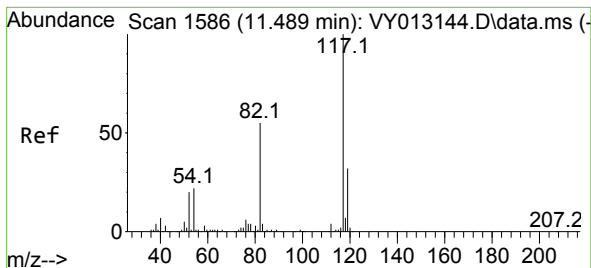
Tgt Ion:107 Resp: 55810
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 95 Resp: 84019
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 86.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

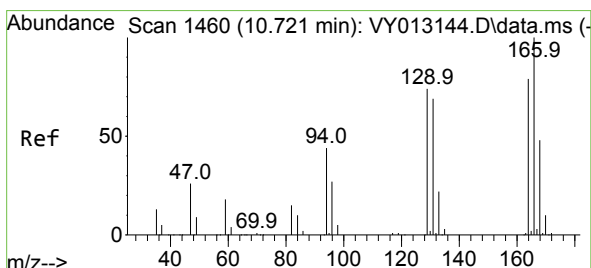
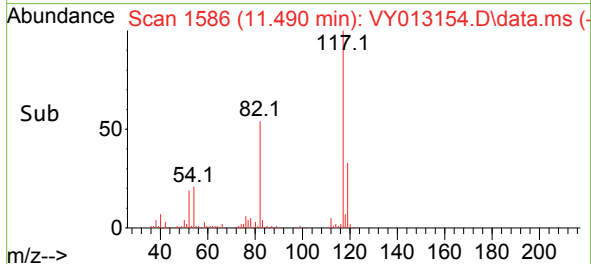
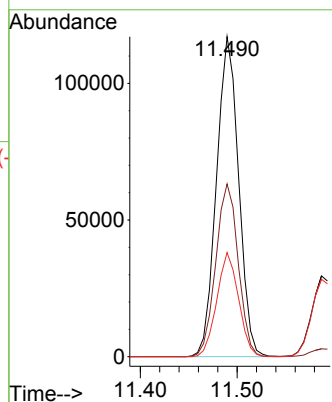
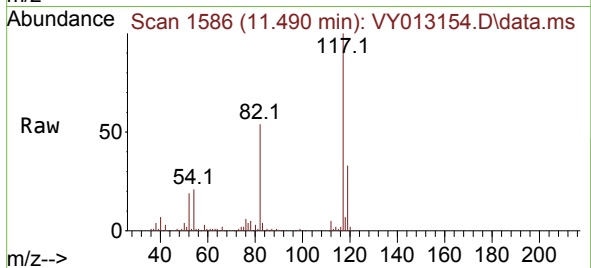
Tgt Ion:117 Resp: 186191

Ion Ratio Lower Upper

117 100

82 54.0 45.4 68.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 48.763 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Tgt Ion:164 Resp: 69800

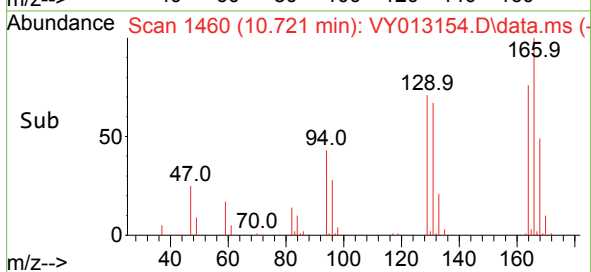
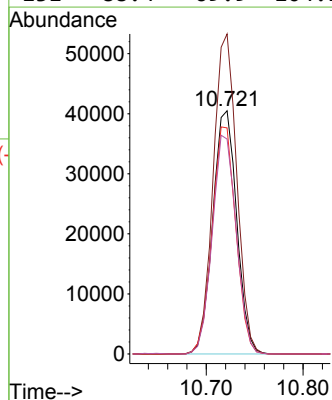
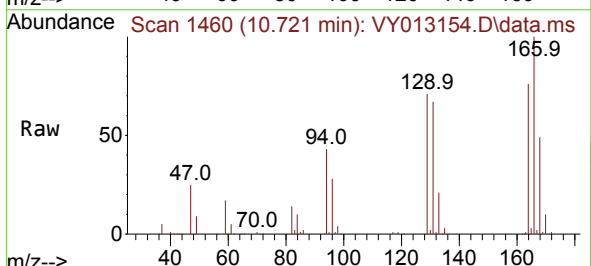
Ion Ratio Lower Upper

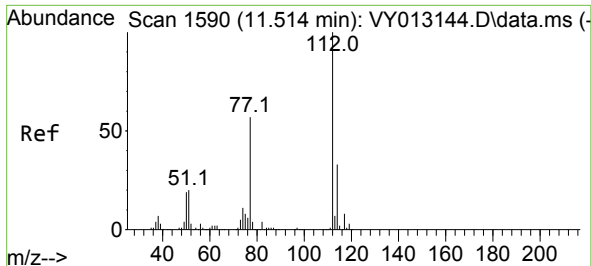
164 100

166 131.6 103.4 155.2

129 93.0 71.4 107.2

131 88.4 69.9 104.9

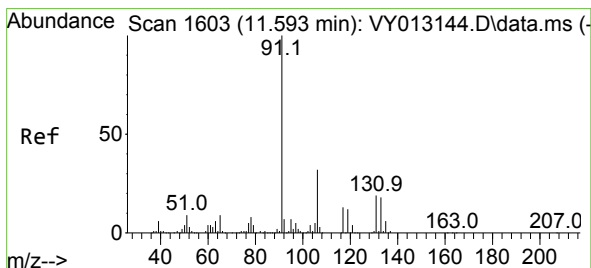
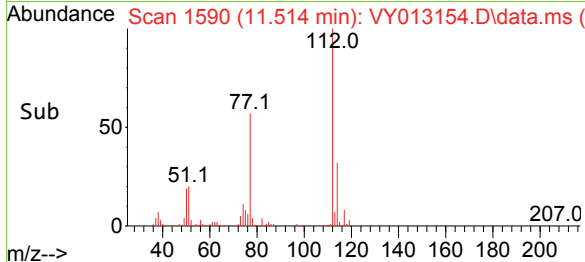
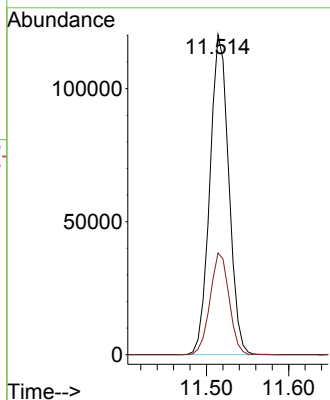
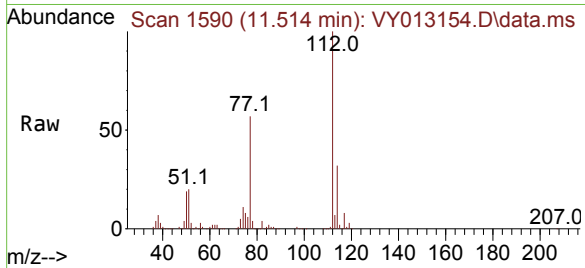




#65
Chlorobenzene
Concen: 48.590 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

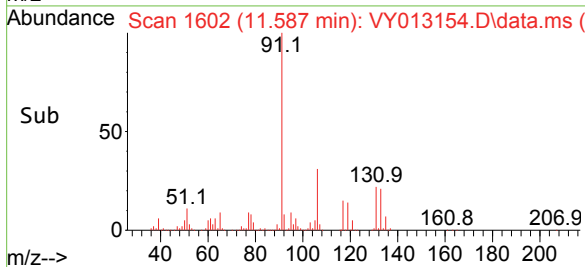
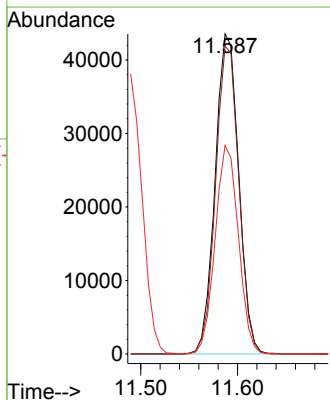
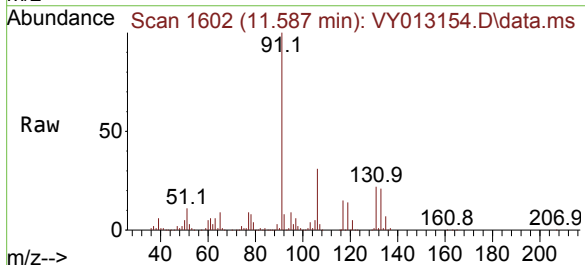
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

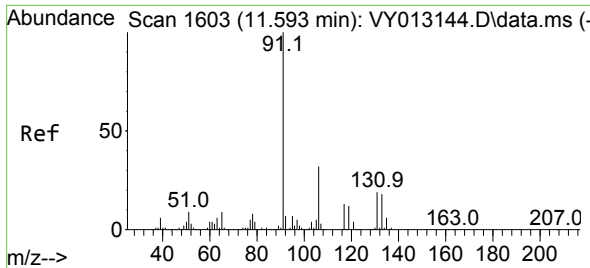
Tgt Ion:112 Resp: 192060
Ion Ratio Lower Upper
112 100
114 31.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.635 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion:131 Resp: 73552
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 64.4 32.6 98.0

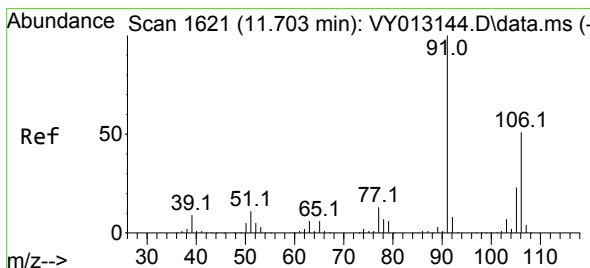
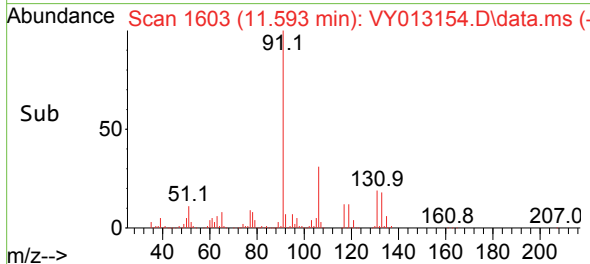
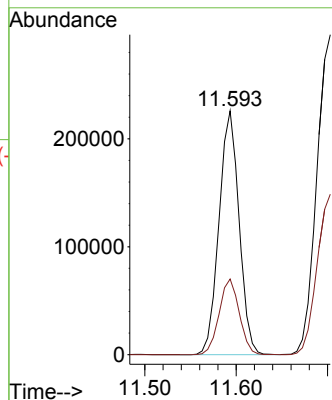
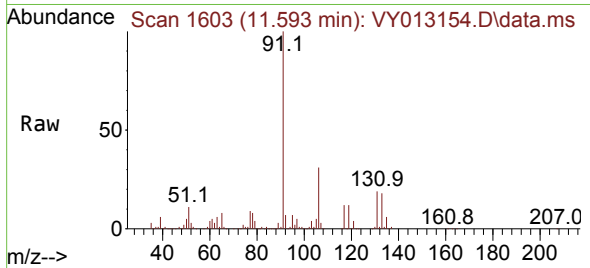




#67
Ethyl Benzene
Concen: 50.482 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

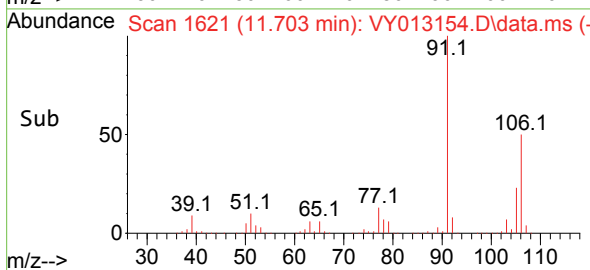
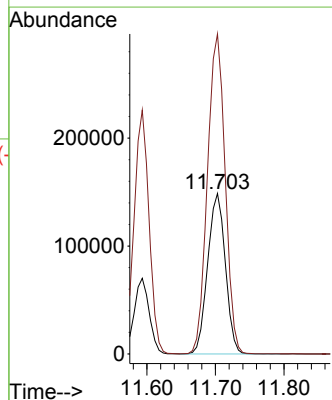
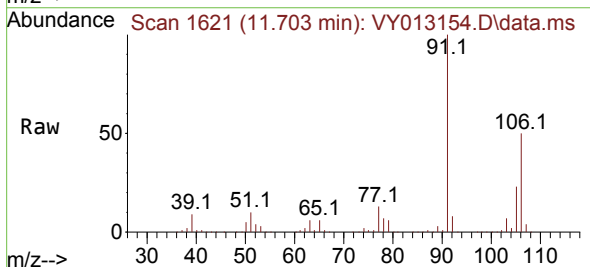
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

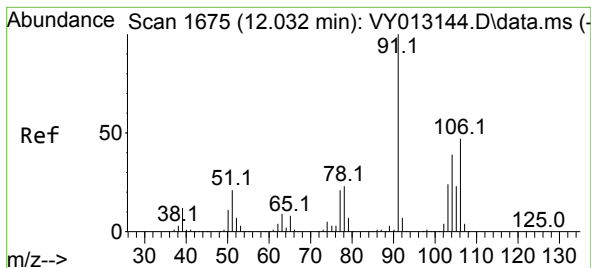
Tgt Ion: 91 Resp: 344628
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 101.062 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion:106 Resp: 266891
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.8





#69

o-Xylene

Concen: 50.998 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

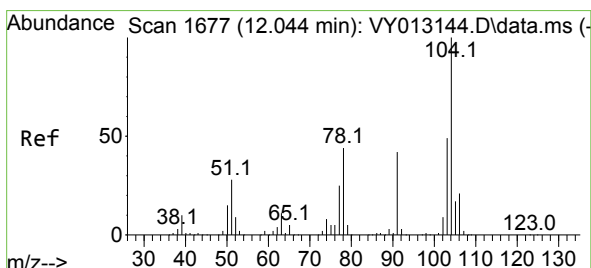
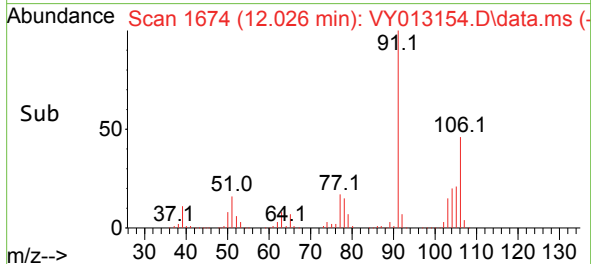
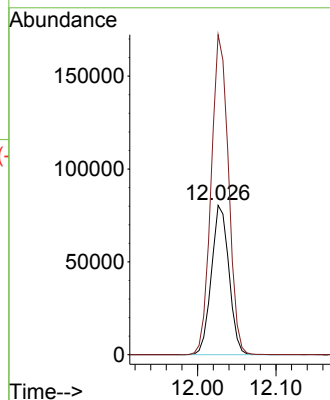
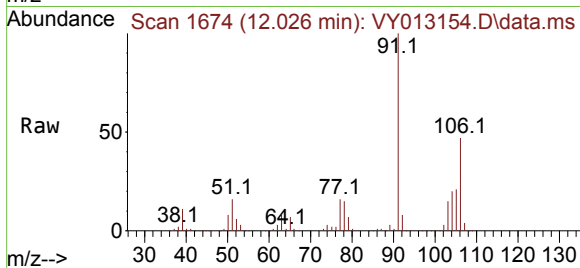
VSTDCCC050EC

Tgt Ion:106 Resp: 124921

Ion Ratio Lower Upper

106 100

91 211.9 107.2 321.6



#70

Styrene

Concen: 52.278 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

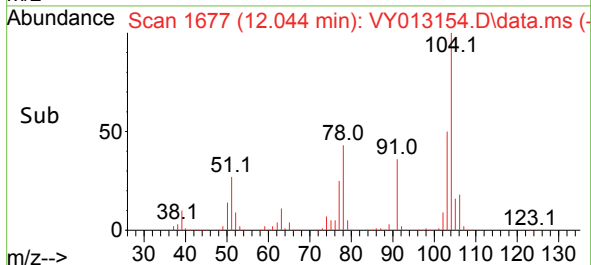
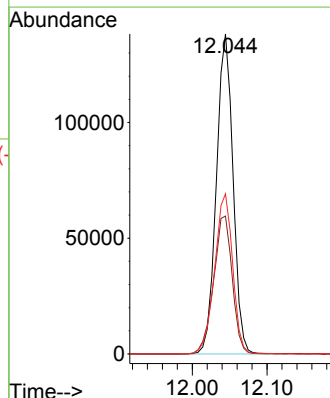
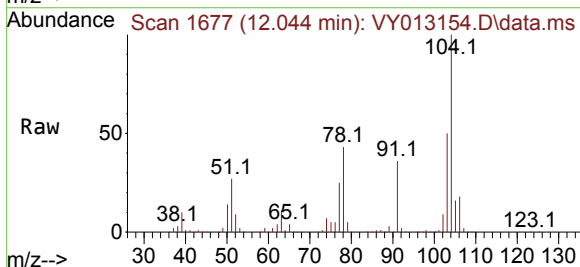
Tgt Ion:104 Resp: 214213

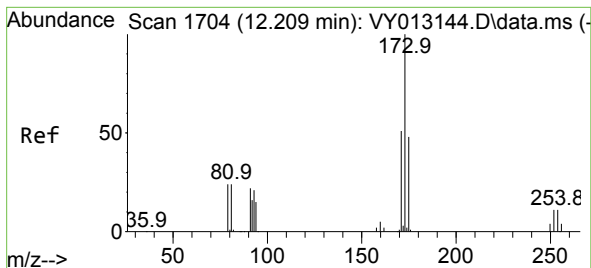
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 54.3 43.7 65.5





#71

Bromoform

Concen: 51.537 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

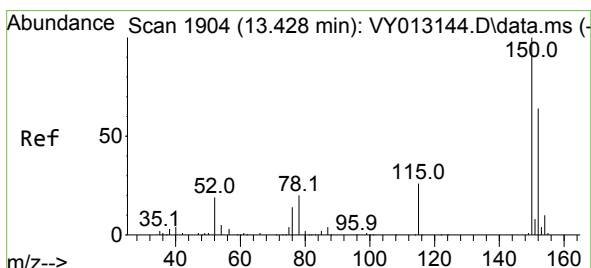
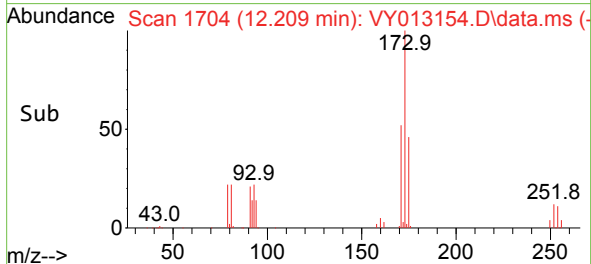
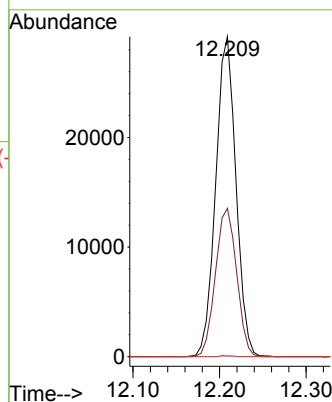
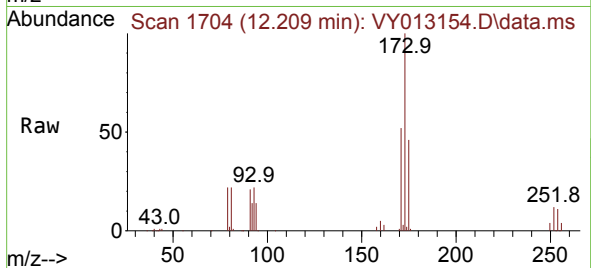
Tgt Ion:173 Resp: 47357

Ion Ratio Lower Upper

173 100

175 48.5 25.0 75.0

254 0.2 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: VY013154.D

Acq: 30 Mar 2023 16:46

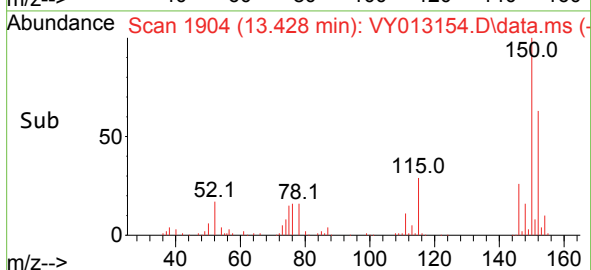
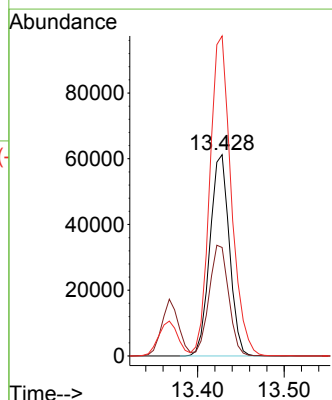
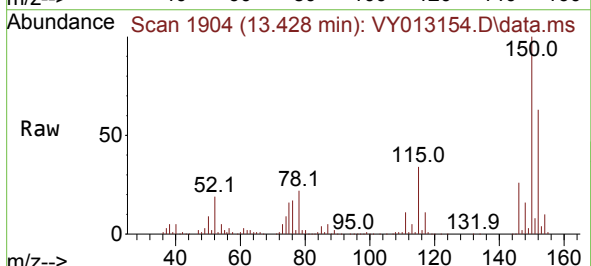
Tgt Ion:152 Resp: 95572

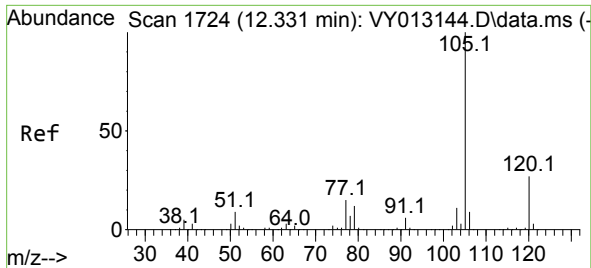
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 174.7 0.0 347.8

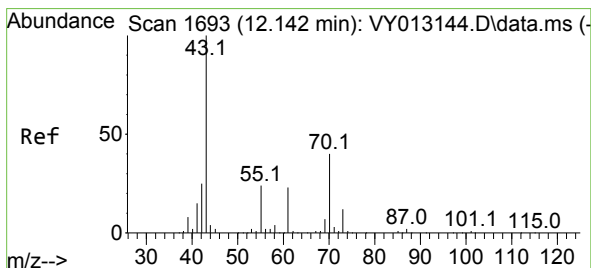
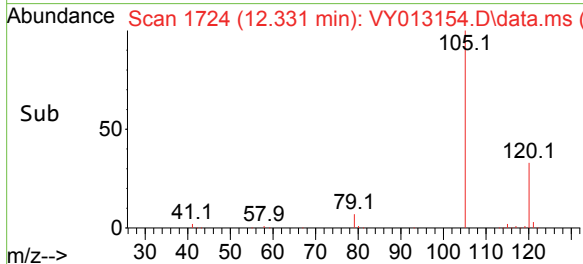
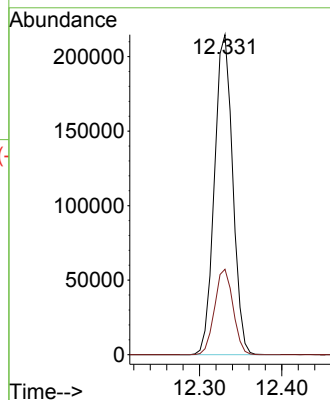
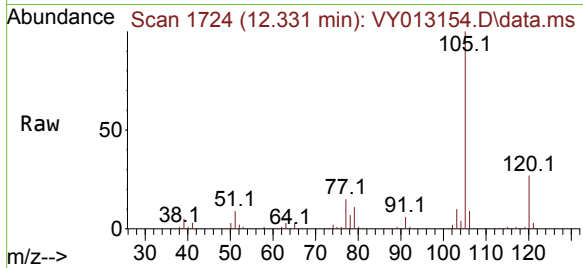




#73
Isopropylbenzene
Concen: 50.197 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

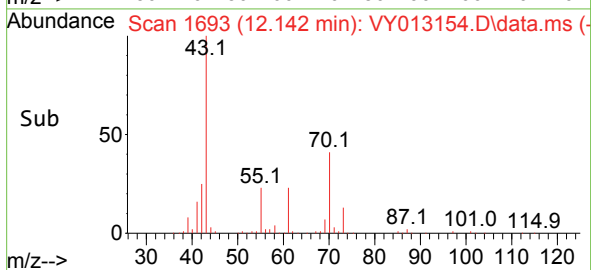
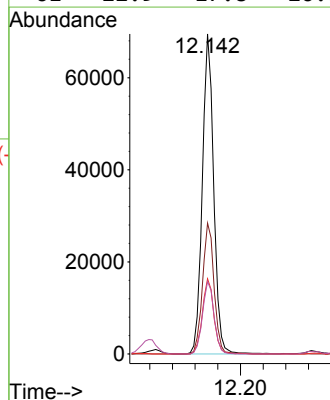
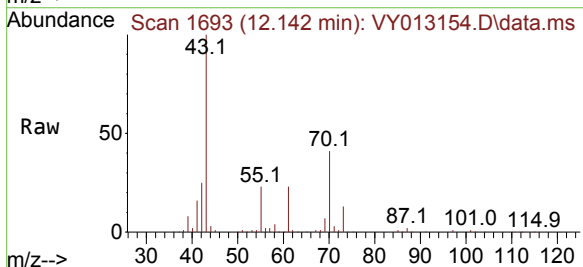
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

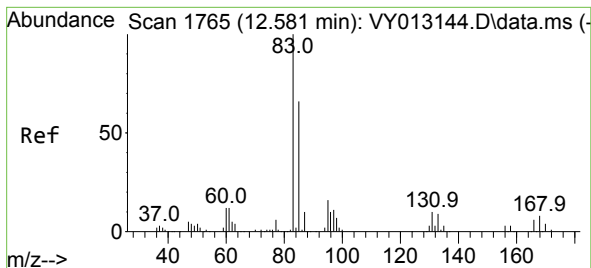
Tgt Ion:105 Resp: 331155
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 53.525 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 43 Resp: 96953
Ion Ratio Lower Upper
43 100
70 41.6 31.6 47.4
55 23.7 18.8 28.2
61 22.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.197 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

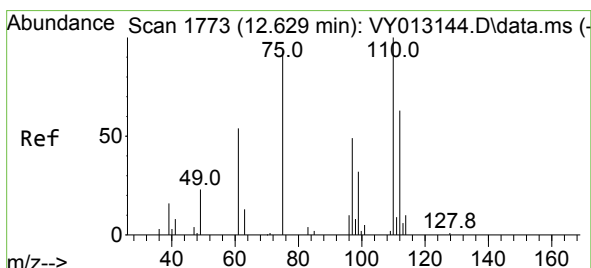
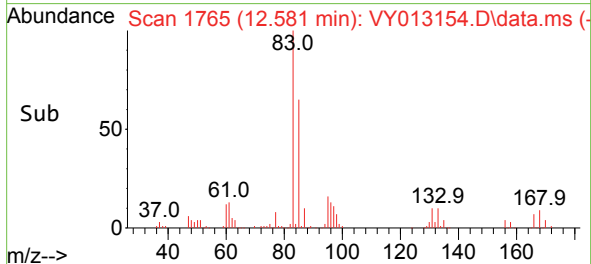
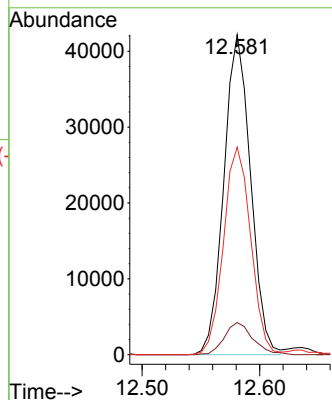
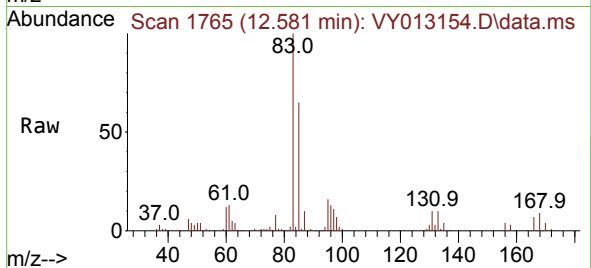
Tgt Ion: 83 Resp: 66602

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 66.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 83.322 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013154.D

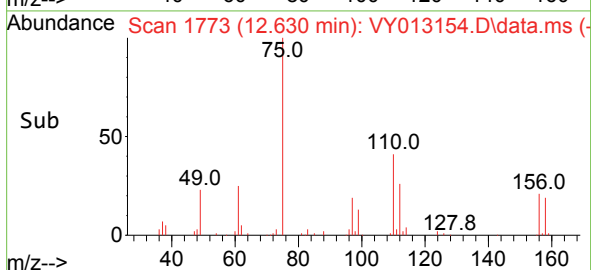
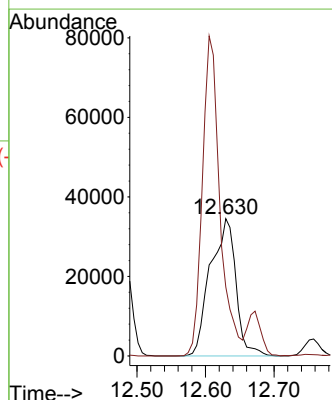
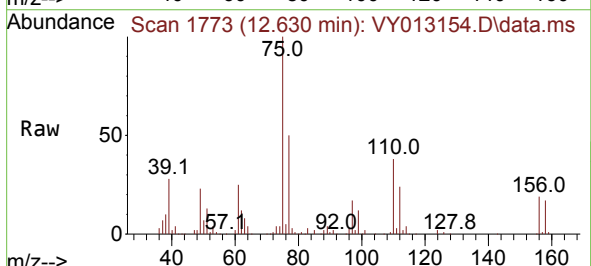
Acq: 30 Mar 2023 16:46

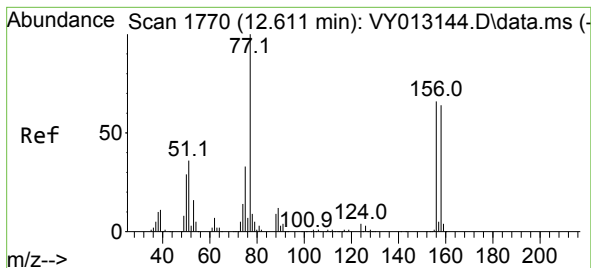
Tgt Ion: 75 Resp: 89458

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.144 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

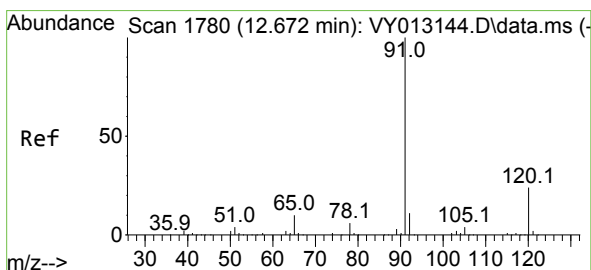
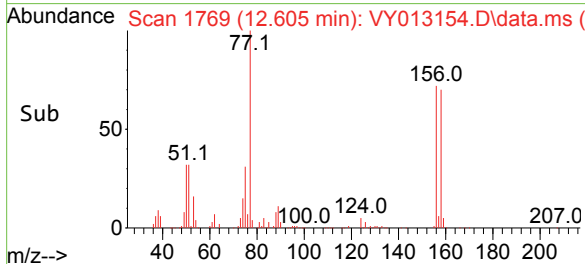
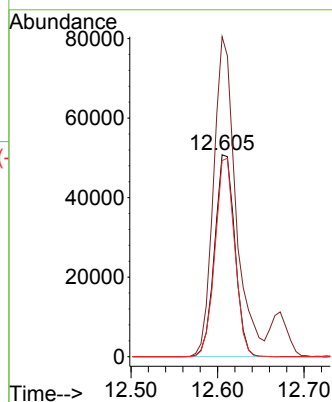
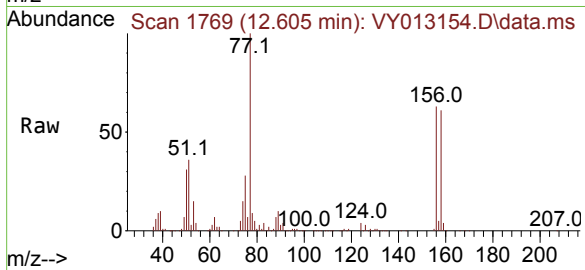
Tgt Ion:156 Resp: 82245

Ion Ratio Lower Upper

156 100

77 175.0 94.0 282.1

158 96.1 48.1 144.4



#78

n-propylbenzene

Concen: 49.724 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013154.D

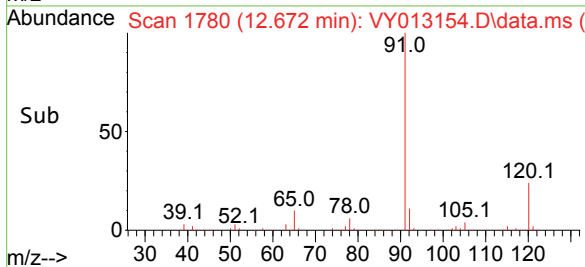
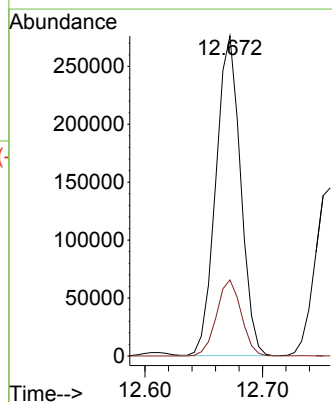
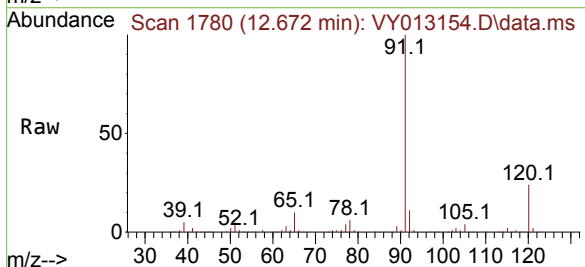
Acq: 30 Mar 2023 16:46

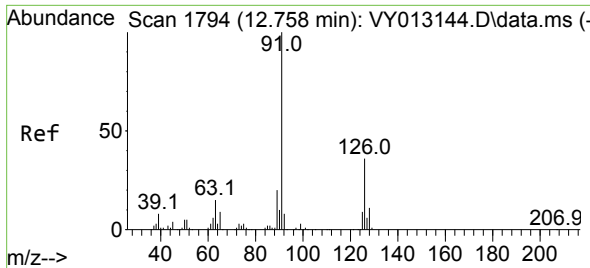
Tgt Ion: 91 Resp: 403334

Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.8

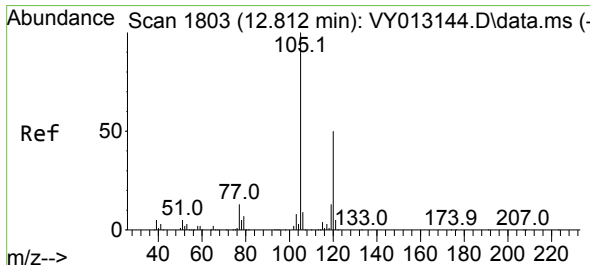
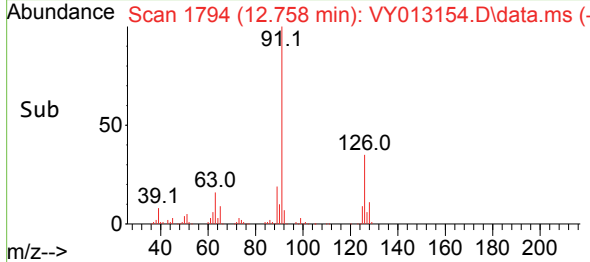
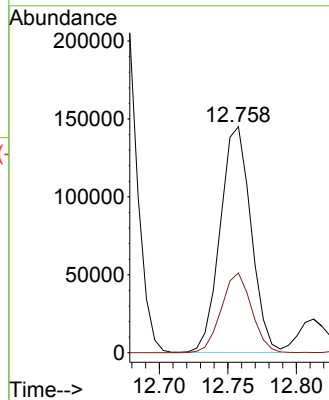
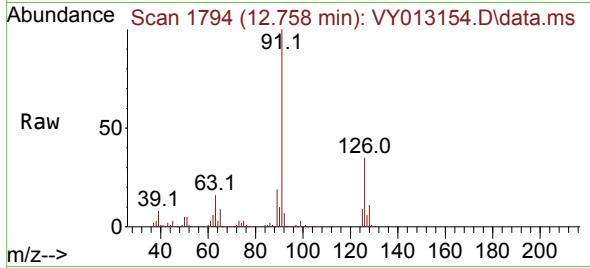




#79
2-Chlorotoluene
Concen: 49.317 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

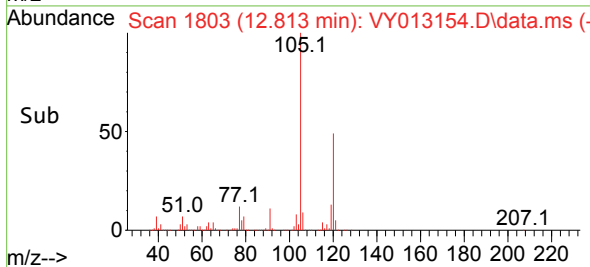
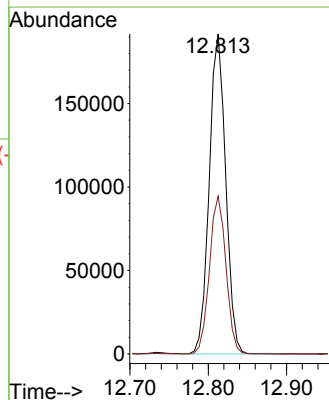
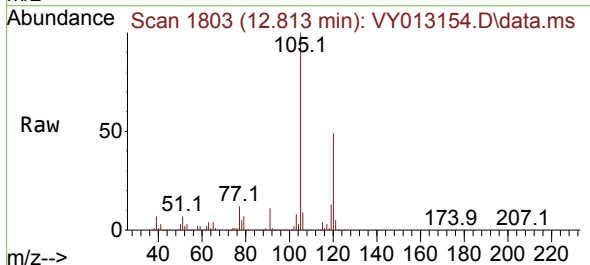
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

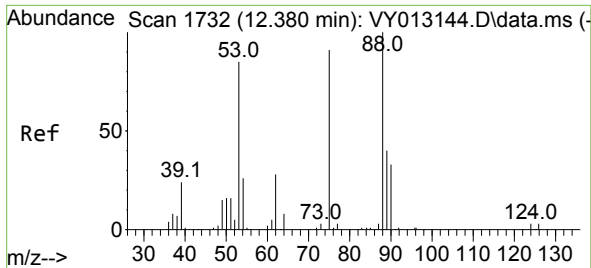
Tgt Ion: 91 Resp: 226996
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 50.579 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 105 Resp: 278972
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

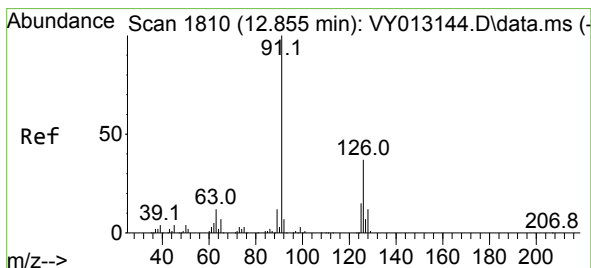
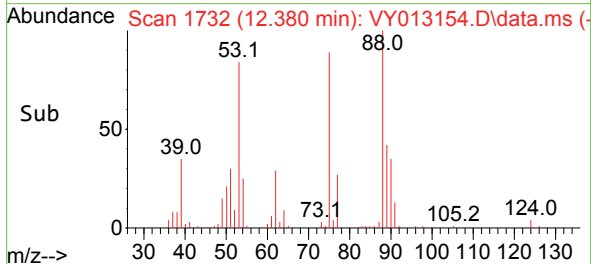
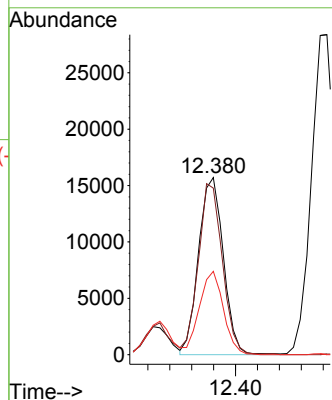
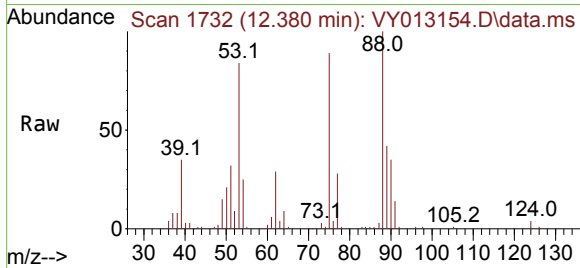




#81
trans-1,4-Dichloro-2-butene
Concen: 51.381 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

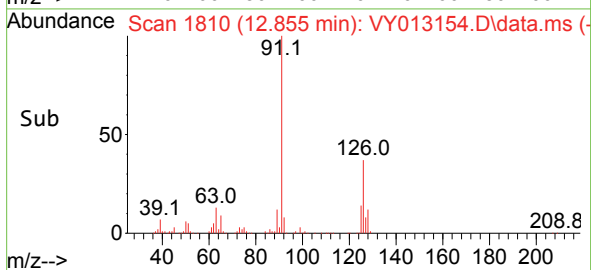
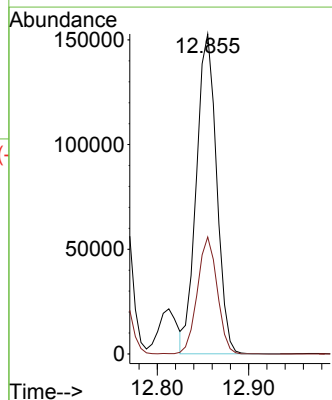
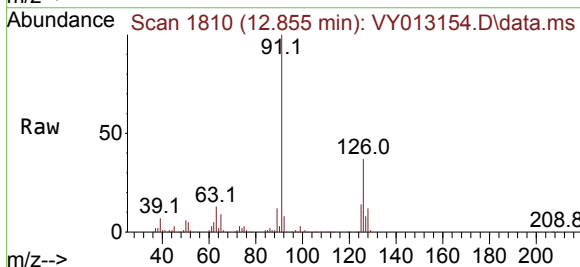
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

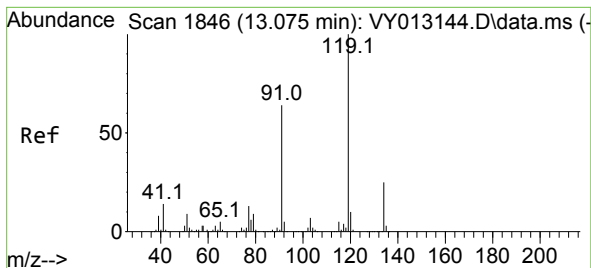
Tgt Ion: 75 Resp: 24736
Ion Ratio Lower Upper
75 100
53 94.1 73.4 110.0
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.984 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 91 Resp: 234649
Ion Ratio Lower Upper
91 100
126 35.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 50.745 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

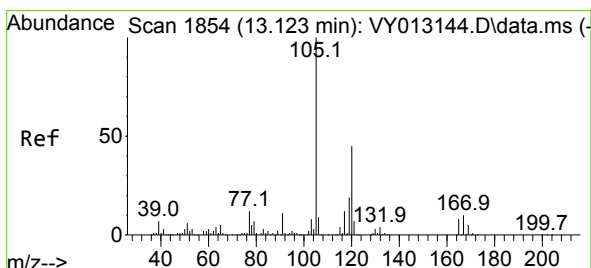
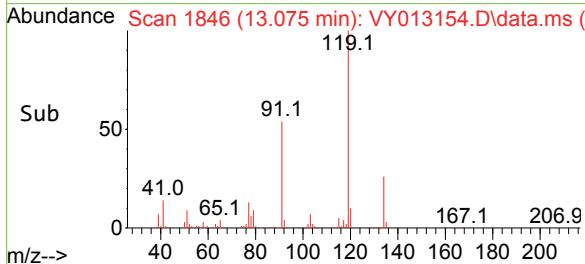
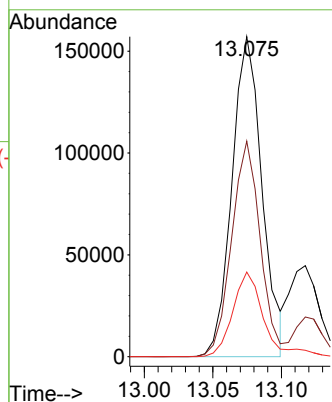
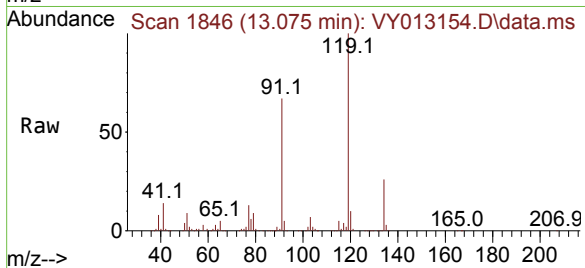
Tgt Ion:119 Resp: 240399

Ion Ratio Lower Upper

119 100

91 63.9 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.638 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013154.D

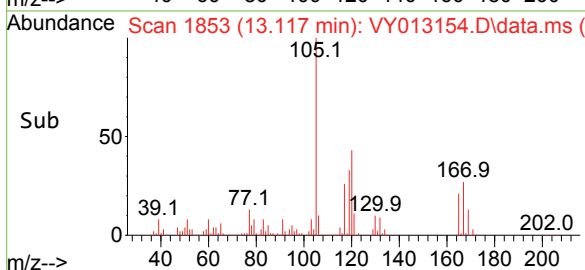
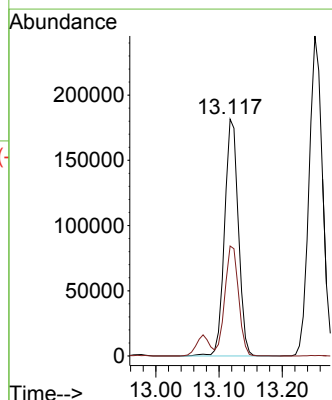
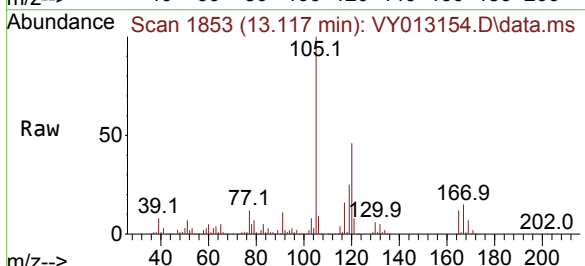
Acq: 30 Mar 2023 16:46

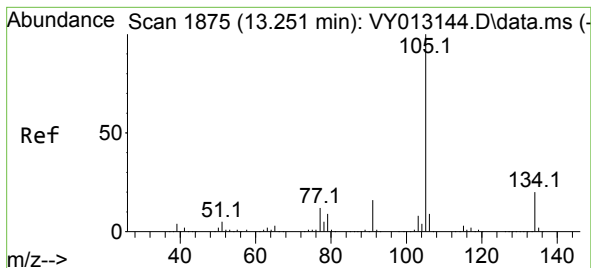
Tgt Ion:105 Resp: 273522

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.345 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

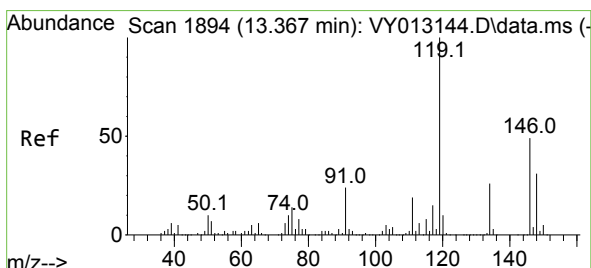
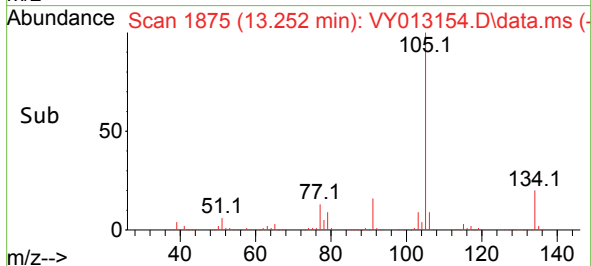
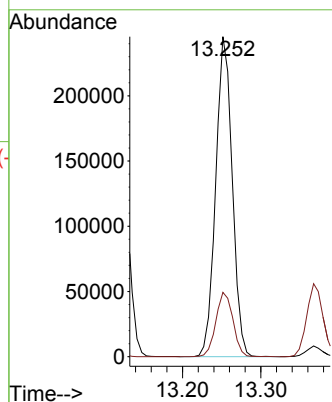
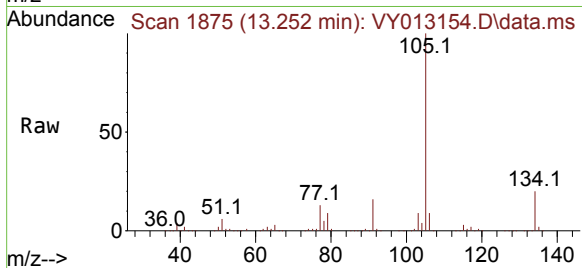
VSTDCCC050EC

Tgt Ion:105 Resp: 360123

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.942 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

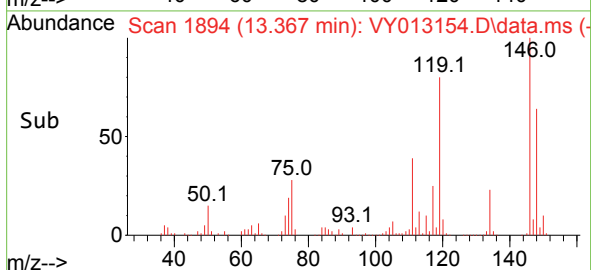
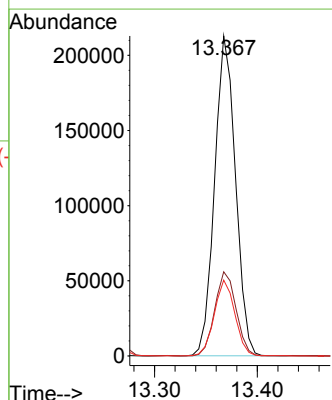
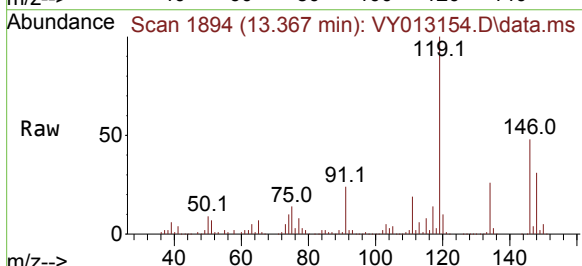
Tgt Ion:119 Resp: 299984

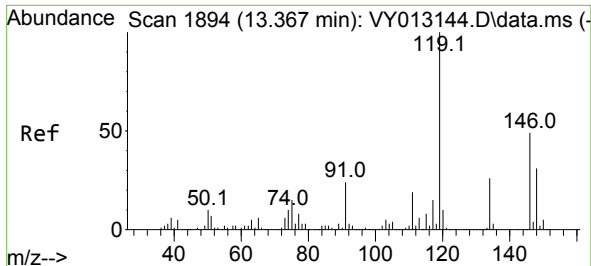
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.840 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

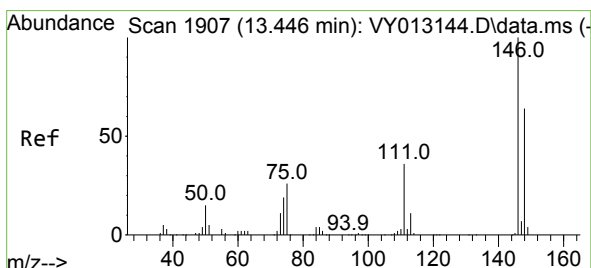
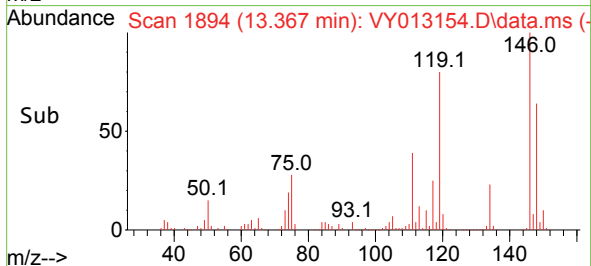
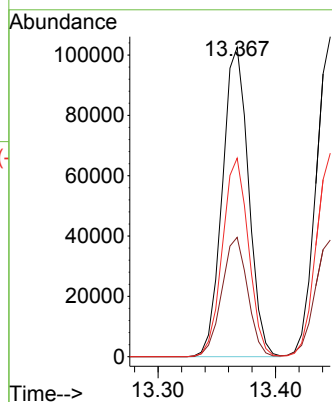
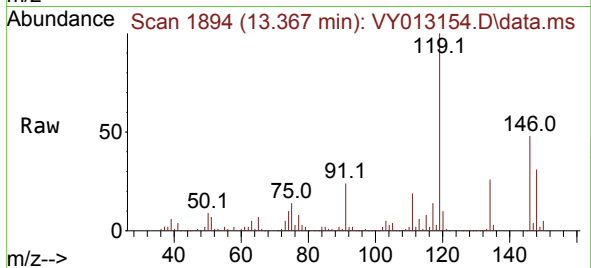
Tgt Ion:146 Resp: 158797

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.087 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

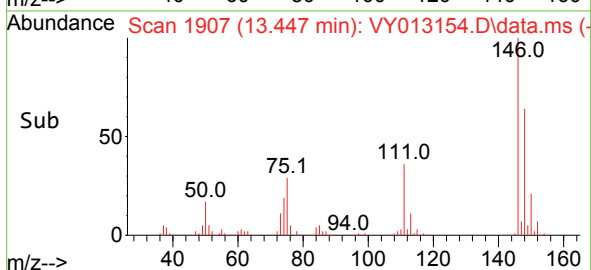
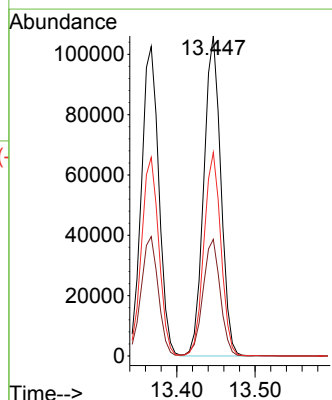
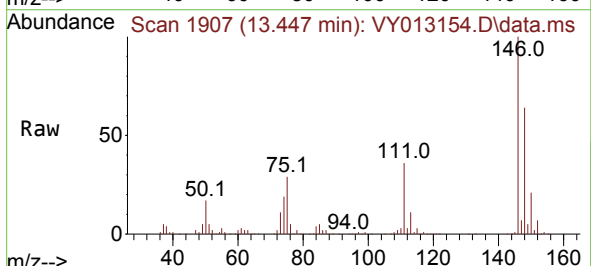
Tgt Ion:146 Resp: 159929

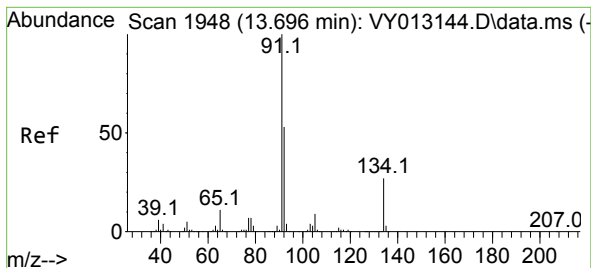
Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 50.368 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

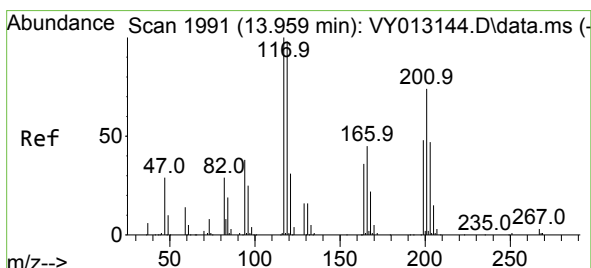
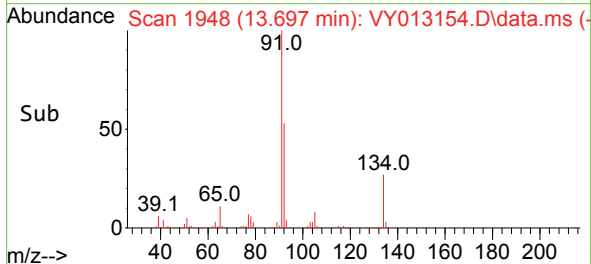
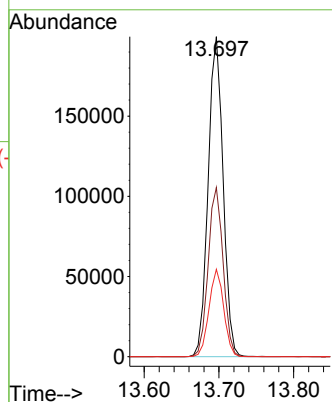
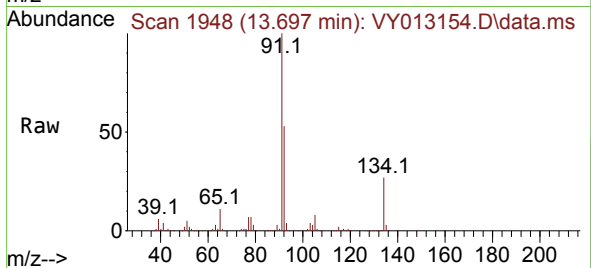
Tgt Ion: 91 Resp: 277275

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.9 13.0 38.9



#90

Hexachloroethane

Concen: 48.116 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013154.D

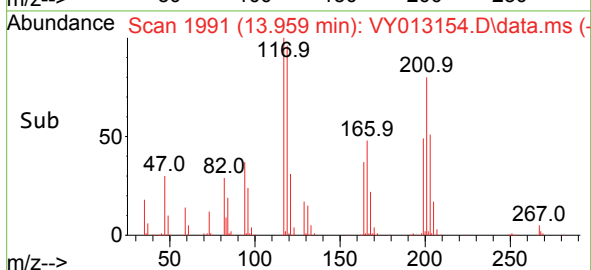
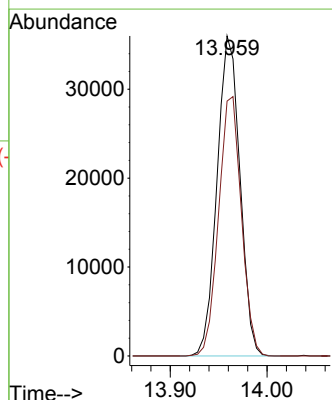
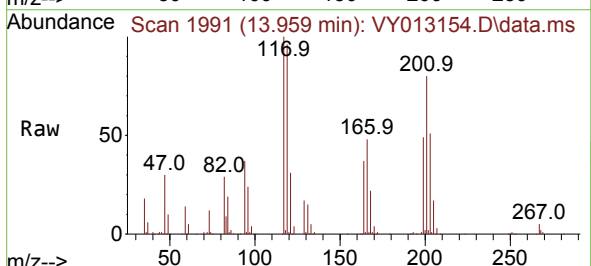
Acq: 30 Mar 2023 16:46

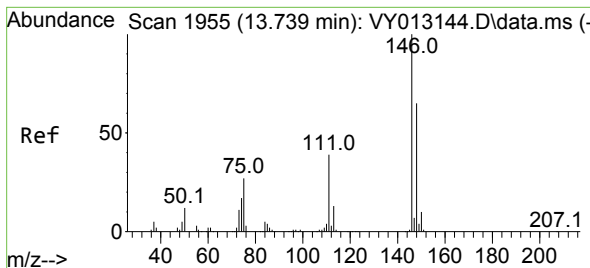
Tgt Ion: 117 Resp: 59025

Ion Ratio Lower Upper

117 100

201 80.8 39.4 118.1

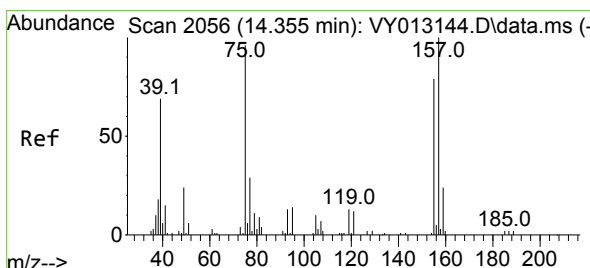
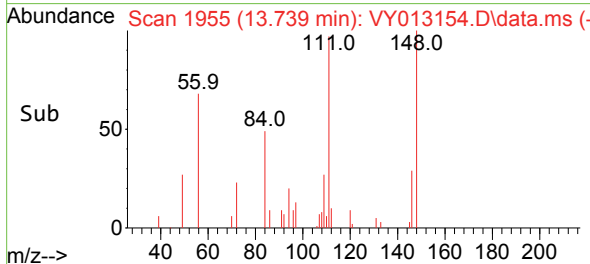
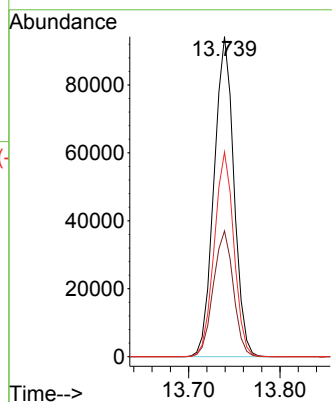
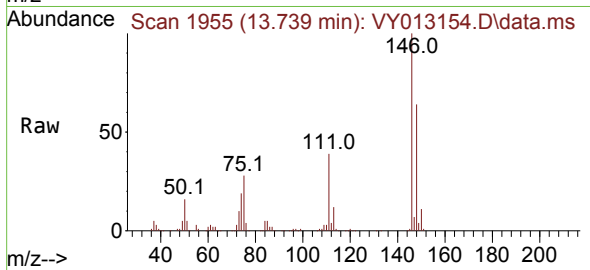




#91
1,2-Dichlorobenzene
Concen: 48.935 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

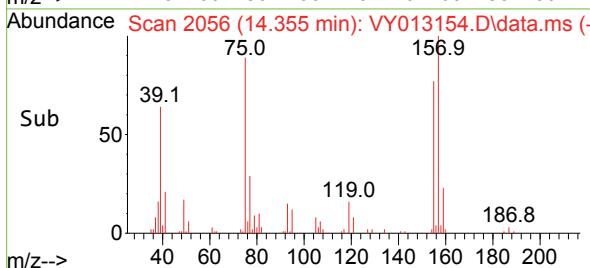
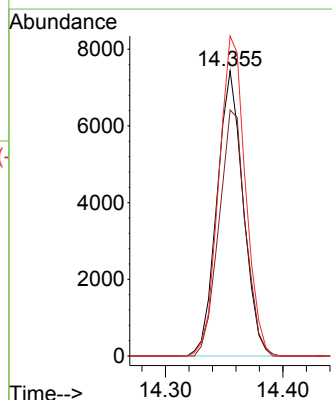
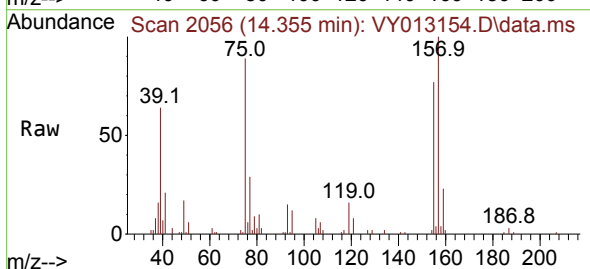
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

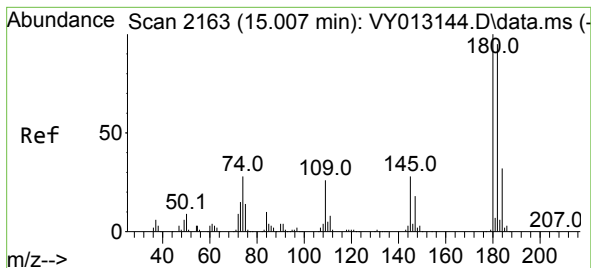
Tgt Ion:146 Resp: 142094
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.1
148 63.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.829 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013154.D
Acq: 30 Mar 2023 16:46

Tgt Ion: 75 Resp: 11458
Ion Ratio Lower Upper
75 100
155 87.7 43.8 131.4
157 114.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 52.881 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

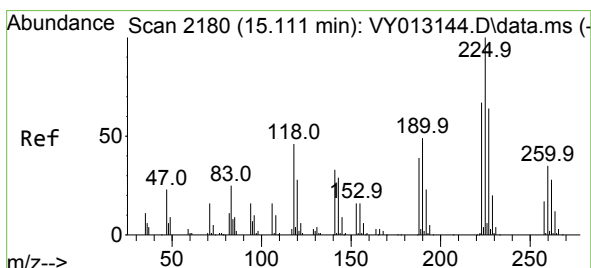
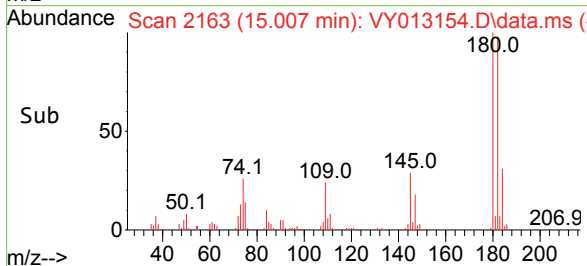
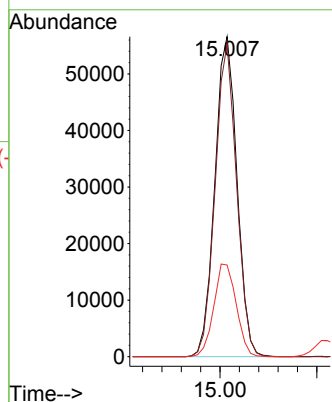
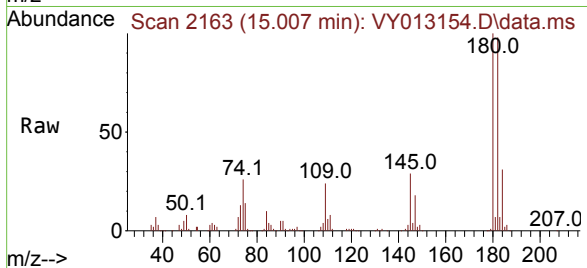
Tgt Ion:180 Resp: 89544

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.255 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

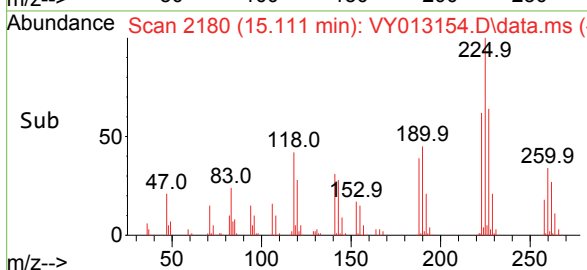
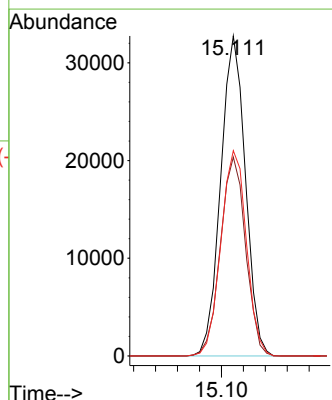
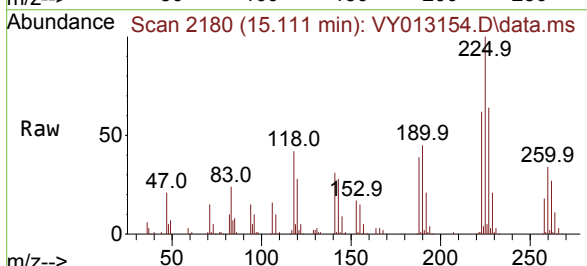
Tgt Ion:225 Resp: 51295

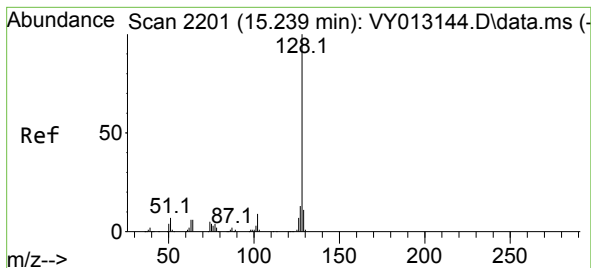
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 66.2 32.4 97.0





#95

Naphthalene

Concen: 50.178 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

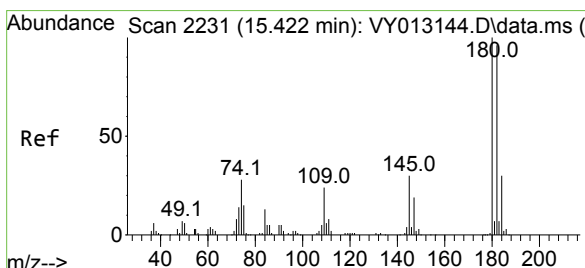
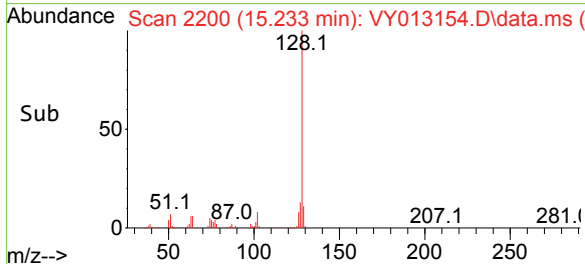
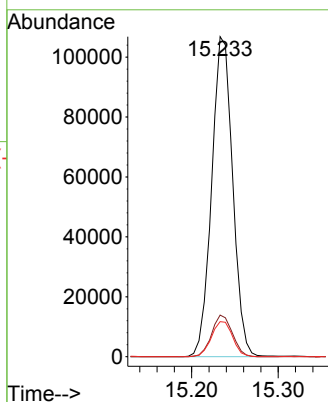
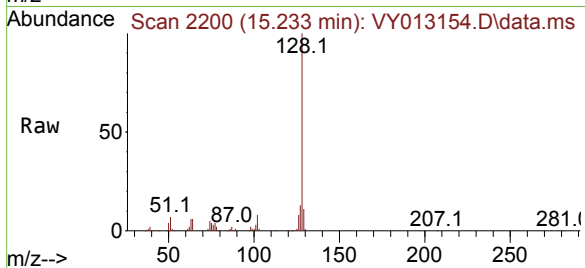
Tgt Ion:128 Resp: 180017

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.673 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013154.D

Acq: 30 Mar 2023 16:46

Tgt Ion:180 Resp: 78583

Ion Ratio Lower Upper

180 100

182 96.5 47.4 142.3

145 31.3 15.3 45.8

