

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013124.D
 Acq On : 28 Mar 2023 18:07
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 29 02:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47583	50.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.716	113	45660	54.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.179	98	143820	46.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	12.477	95	55865	54.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	42440	45.692	ug/l	100
3) Chloromethane	2.113	50	47672	42.932	ug/l	100
4) Vinyl Chloride	2.247	62	49034	48.155	ug/l	99
5) Bromomethane	2.644	94	31820	51.429	ug/l	98
6) Chloroethane	2.790	64	31396	51.484	ug/l	100
7) Trichlorofluoromethane	3.125	101	79946	47.272	ug/l	99
8) Diethyl Ether	3.528	74	26805	45.229	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	49440	48.590	ug/l	98
10) Methyl Iodide	4.088	142	57879	43.658	ug/l	95
11) Tert butyl alcohol	4.942	59	22794	208.491	ug/l	98
12) 1,1-Dichloroethene	3.869	96	46366	47.780	ug/l	94
13) Acrolein	3.723	56	25905	158.031	ug/l	98
14) Allyl chloride	4.473	41	86222	48.100	ug/l	97
15) Acrylonitrile	5.161	53	80648	258.265	ug/l	99
16) Acetone	3.942	43	80757	219.899	ug/l	96
17) Carbon Disulfide	4.192	76	141009	42.689	ug/l	98
18) Methyl Acetate	4.473	43	53538	48.954	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	130069	51.892	ug/l	98
20) Methylene Chloride	4.710	84	59191	53.157	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	53811	51.027	ug/l	96
22) Diisopropyl ether	6.112	45	184131	56.555	ug/l	96
23) Vinyl Acetate	6.058	43	551285	272.513	ug/l	99
24) 1,1-Dichloroethane	6.009	63	101180	54.537	ug/l	98
25) 2-Butanone	6.984	43	106280	233.652	ug/l	96
26) 2,2-Dichloropropane	6.978	77	81576	49.507	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	57146	50.544	ug/l	98
28) Bromochloromethane	7.332	49	33731	49.751	ug/l	96
29) Tetrahydrofuran	7.344	42	68153	248.427	ug/l	97
30) Chloroform	7.502	83	97595	53.257	ug/l	99
31) Cyclohexane	7.783	56	83424	46.556	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	85038	51.313	ug/l	98
36) 1,1-Dichloropropene	7.917	75	73331	52.199	ug/l	99
37) Ethyl Acetate	7.070	43	45139	50.979	ug/l	99
38) Carbon Tetrachloride	7.893	117	78945	54.418	ug/l	96
39) Methylcyclohexane	9.179	83	85303	51.074	ug/l	99
40) Benzene	8.155	78	215405	54.205	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26061	54.629	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	65564	54.877	ug/l	98
43) Isopropyl Acetate	8.271	43	80642	51.047	ug/l	99
44) Trichloroethene	8.935	130	53975	51.516	ug/l	93
45) 1,2-Dichloropropane	9.216	63	54346	54.113	ug/l	99
46) Dibromomethane	9.301	93	30046	52.513	ug/l	99
47) Bromodichloromethane	9.496	83	74186	55.021	ug/l	99
48) Methyl methacrylate	9.289	41	39549	54.332	ug/l	96
49) 1,4-Dioxane	9.295	88	8013	1083.339	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	229118	267.376	ug/l	97
52) Toluene	10.240	92	130383	54.403	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	75752	53.563	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	85668	53.518	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	41186	51.688	ug/l	98
56) Ethyl methacrylate	10.508	69	55891	52.605	ug/l	97
57) 1,3-Dichloropropane	10.788	76	73192	53.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	149746	268.482	ug/l	99
59) 2-Hexanone	10.831	43	161792	259.786	ug/l	98
60) Dibromochloromethane	10.984	129	52081	53.695	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39714	51.740	ug/l	98
64) Tetrachloroethene	10.715	164	47586	51.355	ug/l	97
65) Chlorobenzene	11.514	112	138142	51.718	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	52141	52.755	ug/l	99
67) Ethyl Benzene	11.593	91	248511	52.919	ug/l	100
68) m/p-Xylenes	11.703	106	189502	104.896	ug/l	100
69) o-Xylene	12.026	106	89791	53.255	ug/l	98
70) Styrene	12.044	104	151859	53.972	ug/l	99
71) Bromoform	12.203	173	34490	53.521	ug/l #	99
73) Isopropylbenzene	12.331	105	240576	46.745	ug/l	100
74) N-amyl acetate	12.142	43	71190	43.963	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	51282	44.327	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66055	76.172	ug/l #	100
77) Bromobenzene	12.605	156	56811	45.439	ug/l	98
78) n-propylbenzene	12.672	91	297757	46.927	ug/l	99
79) 2-Chlorotoluene	12.758	91	165548	46.944	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	199065	46.869	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	17780	42.483	ug/l	96
82) 4-Chlorotoluene	12.849	91	170821	46.794	ug/l	99
83) tert-Butylbenzene	13.075	119	177981	48.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	200159	48.194	ug/l	99
85) sec-Butylbenzene	13.251	105	283310	50.658	ug/l	99
86) p-Isopropyltoluene	13.367	119	232330	50.830	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	122342	50.736	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	120278	48.873	ug/l	98
89) n-Butylbenzene	13.696	91	219272	50.112	ug/l	100
90) Hexachloroethane	13.959	117	46577	48.926	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	110413	50.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8610	46.049	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	62873	46.847	ug/l	99
94) Hexachlorobutadiene	15.111	225	38706	47.284	ug/l	99
95) Naphthalene	15.233	128	123529	45.931	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55279	46.312	ug/l	98

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

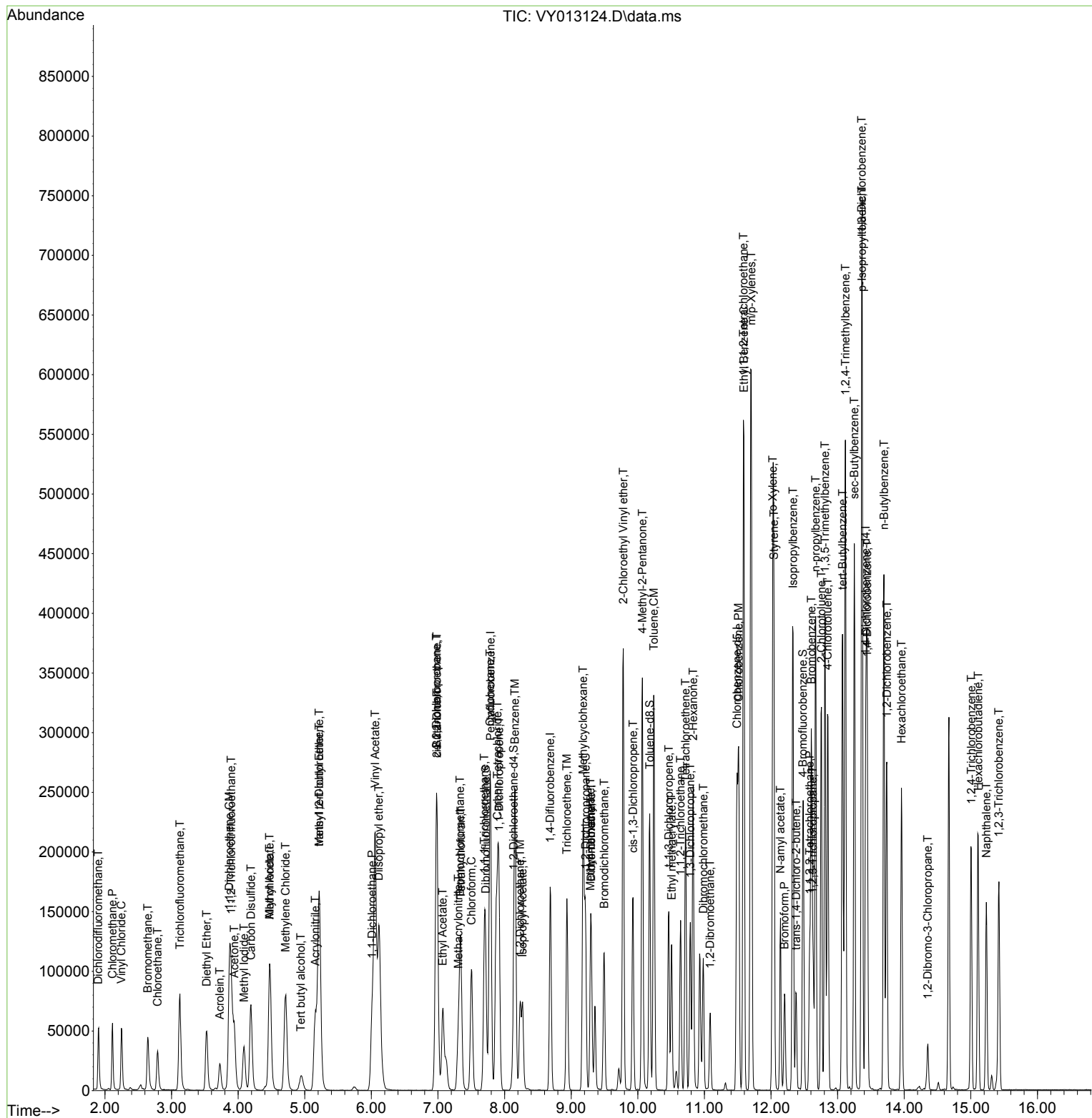
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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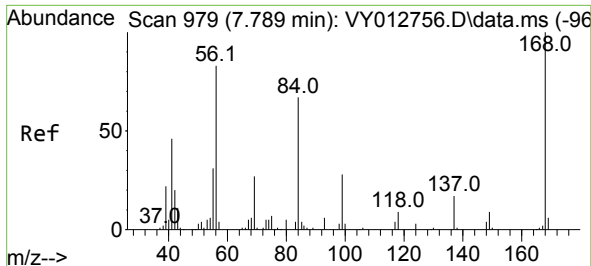
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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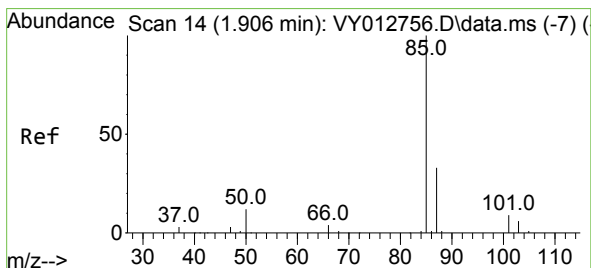
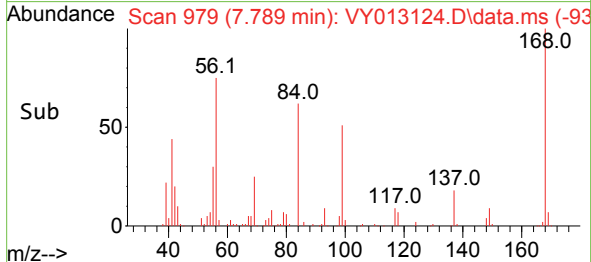
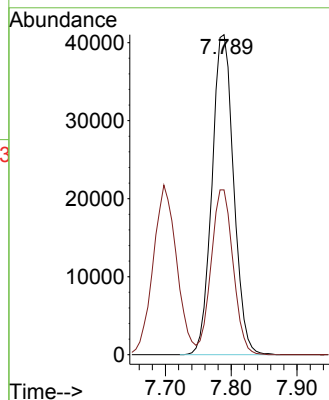
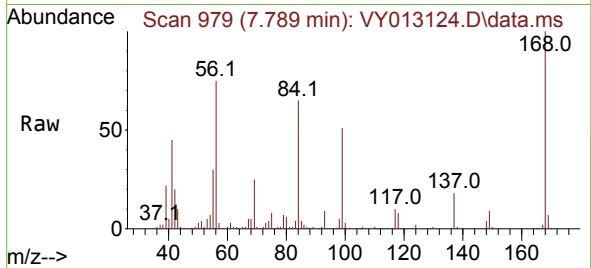




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013124.D
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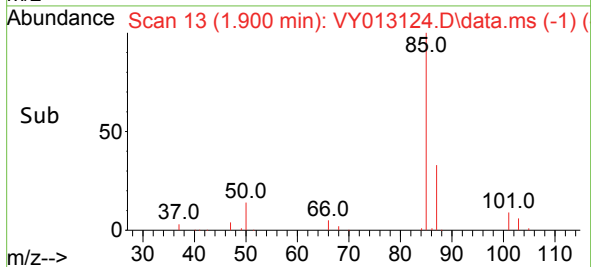
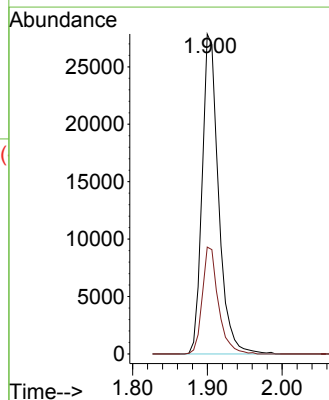
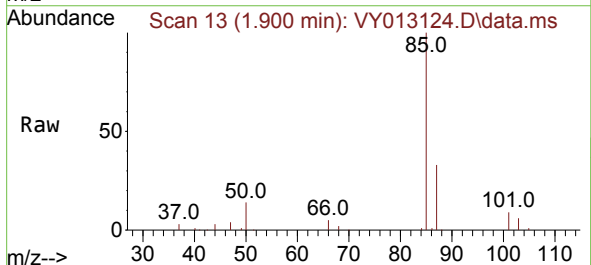
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

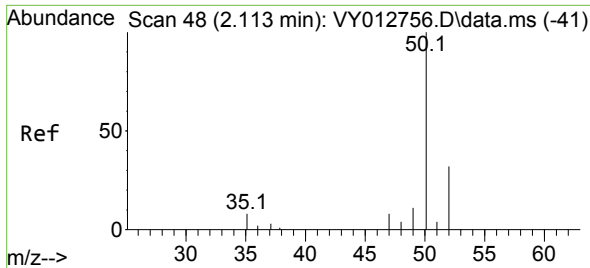
Tgt Ion:168 Resp: 94236
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.692 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 85 Resp: 42440
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.0

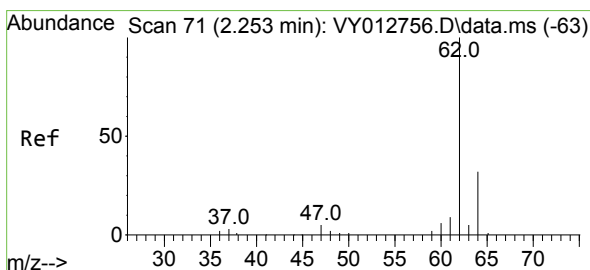
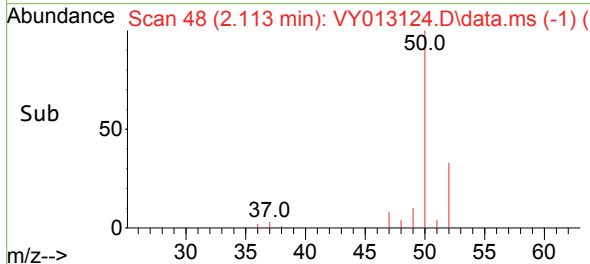
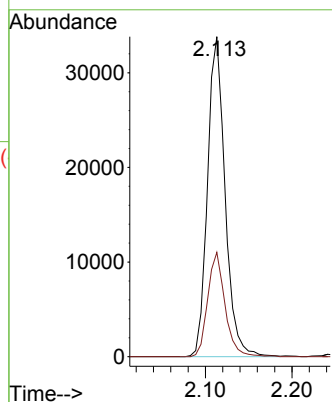
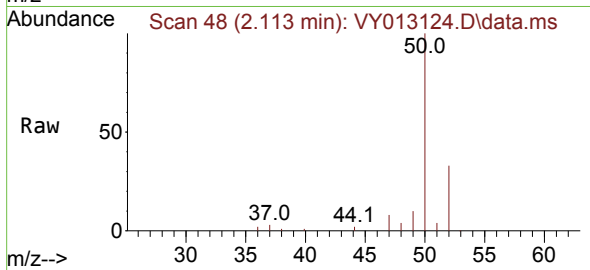




#3
Chloromethane
Concen: 42.932 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

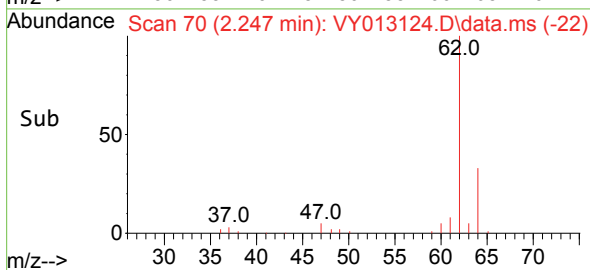
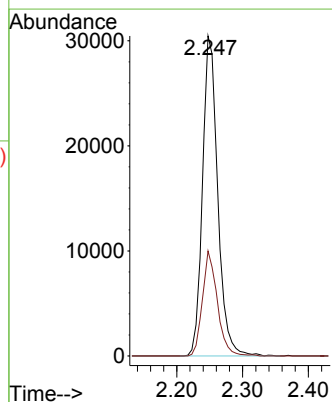
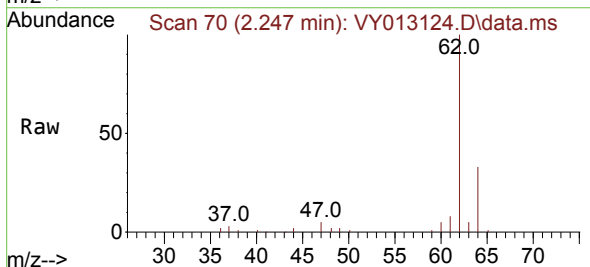
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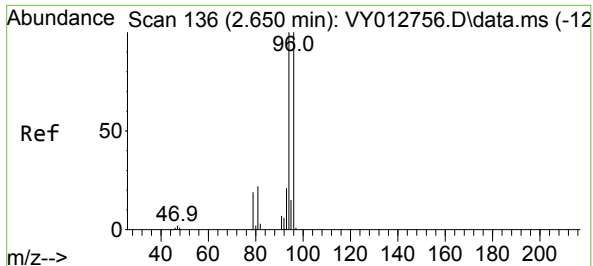
Tgt Ion: 50 Resp: 47672
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 48.155 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 62 Resp: 49034
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

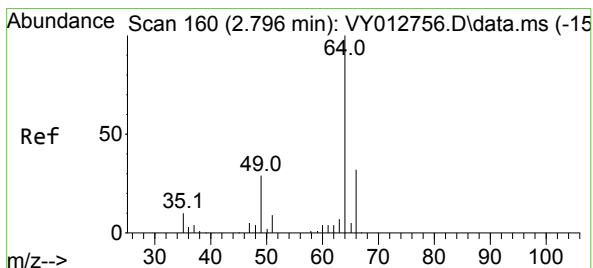
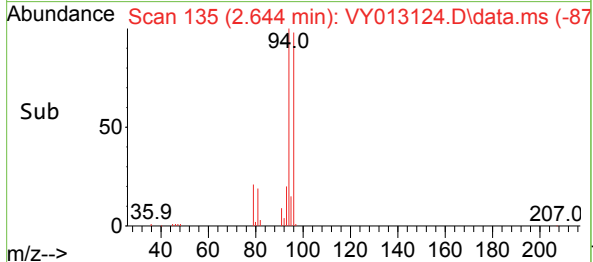
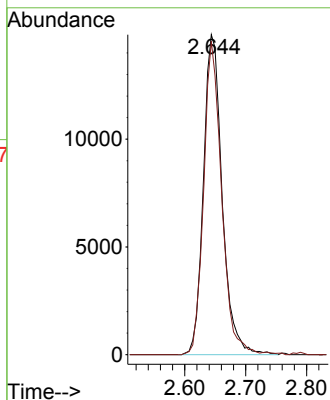
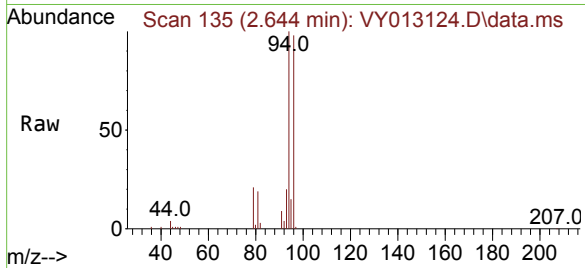




#5
Bromomethane
Concen: 51.429 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013124.D
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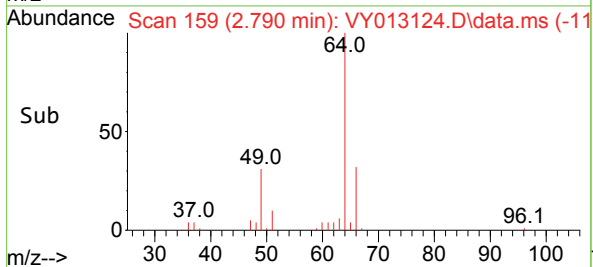
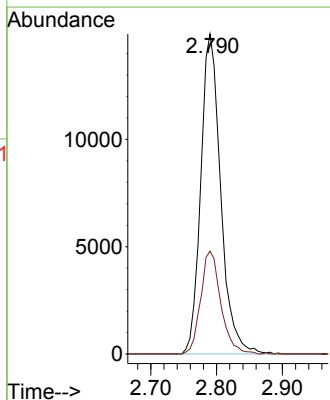
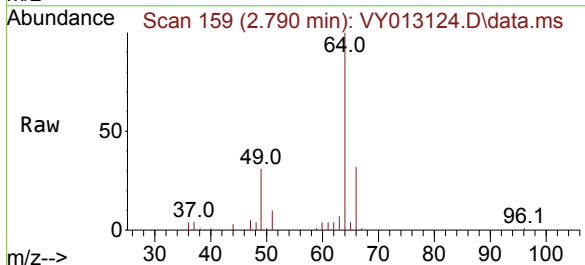
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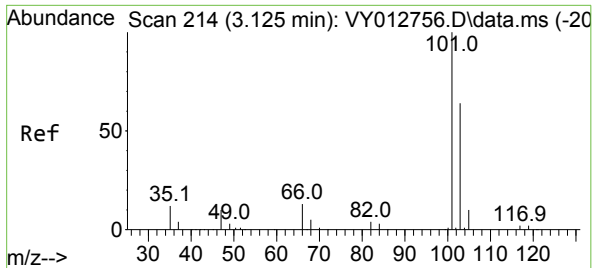
Tgt Ion: 94 Resp: 31820
Ion Ratio Lower Upper
94 100
96 97.9 80.3 120.5



#6
Chloroethane
Concen: 51.484 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 64 Resp: 31396
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

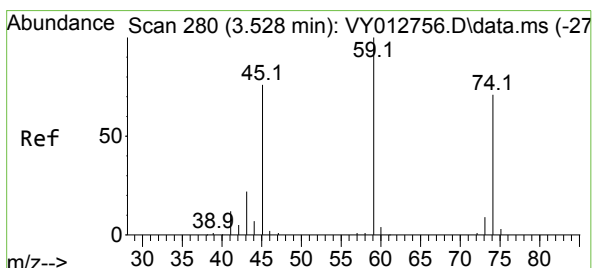
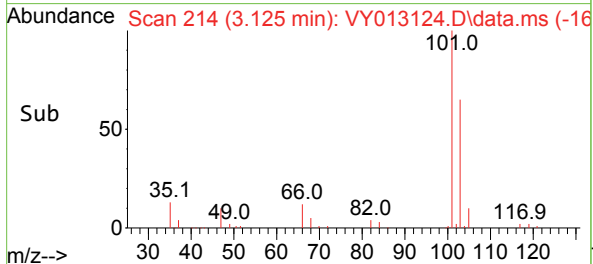
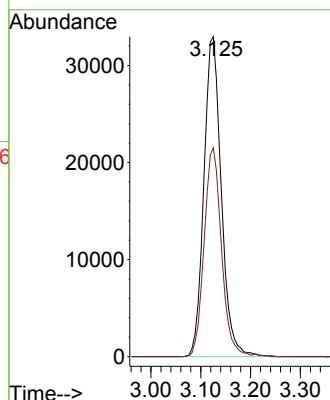
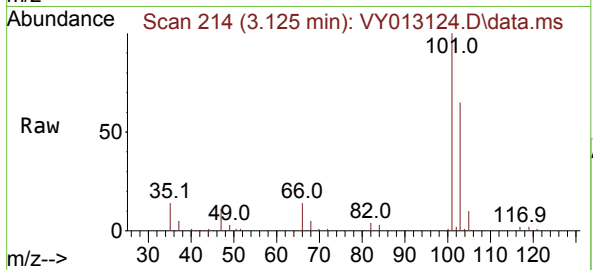




#7
 Trichlorofluoromethane
 Concen: 47.272 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

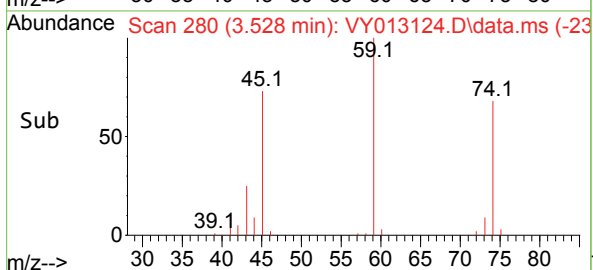
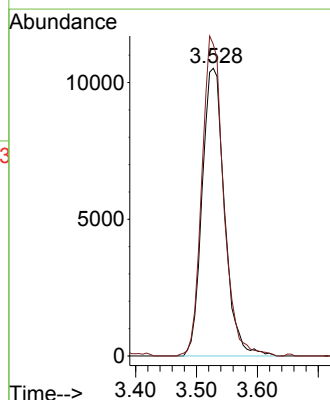
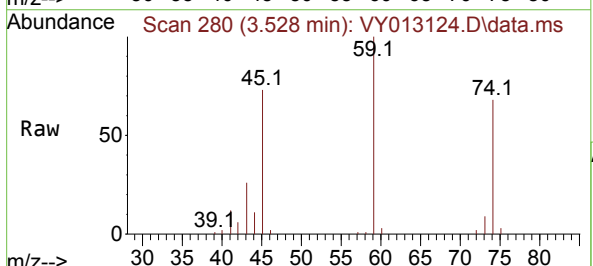
Instrument :
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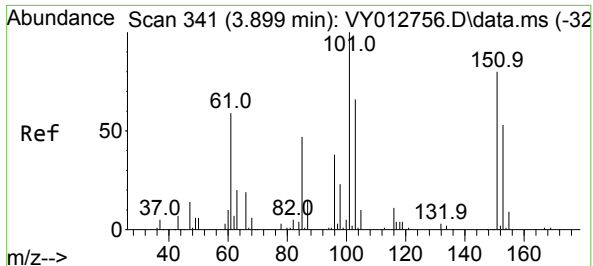
Tgt Ion:101 Resp: 79946
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.5 77.3



#8
 Diethyl Ether
 Concen: 45.229 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013124.D
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Tgt Ion: 74 Resp: 26805
 Ion Ratio Lower Upper
 74 100
 45 107.8 52.1 156.4

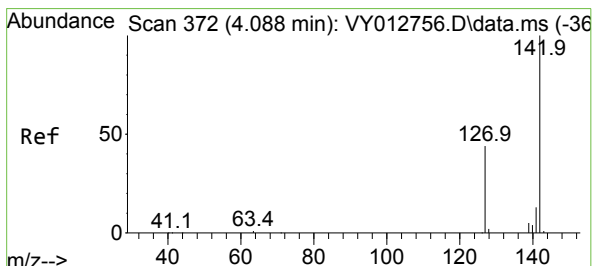
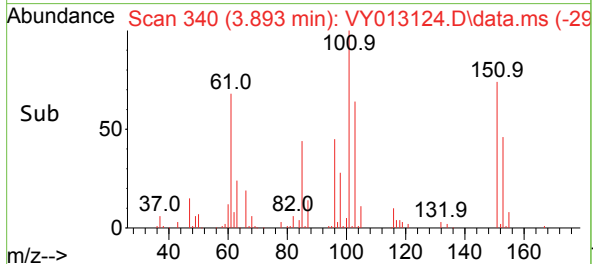
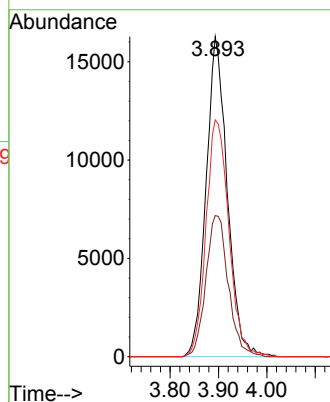
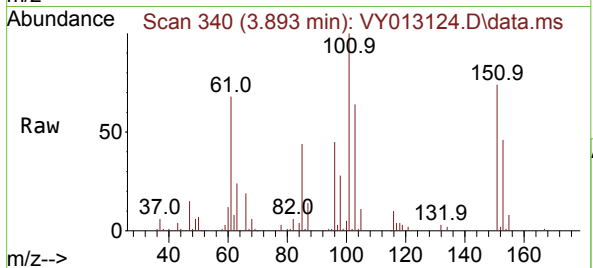




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.590 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

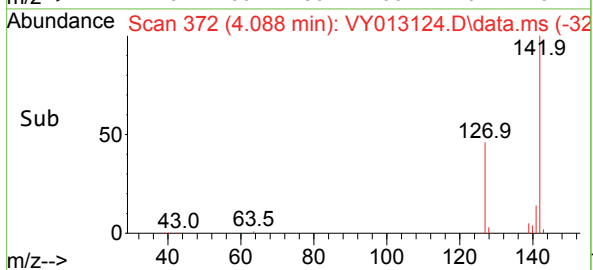
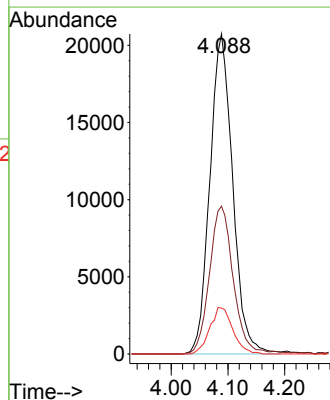
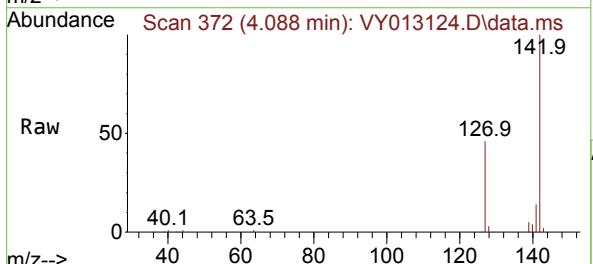
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

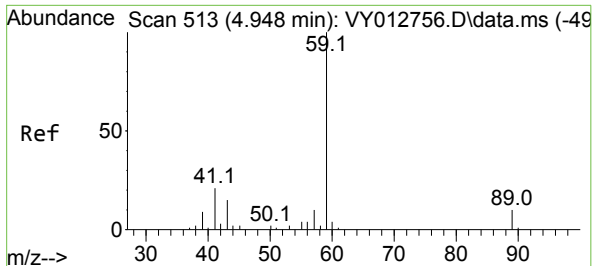
Tgt Ion:101 Resp: 49440
Ion Ratio Lower Upper
101 100
85 46.8 35.3 52.9
151 79.9 63.1 94.7



#10
Methyl Iodide
Concen: 43.658 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:142 Resp: 57879
Ion Ratio Lower Upper
142 100
127 48.3 35.4 53.2
141 14.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 208.491 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

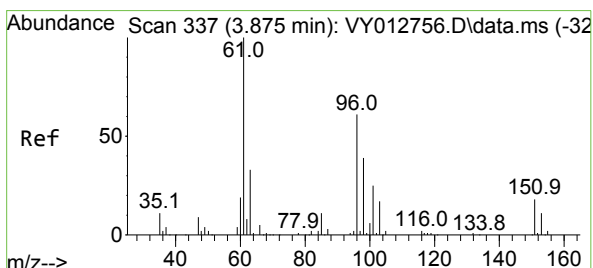
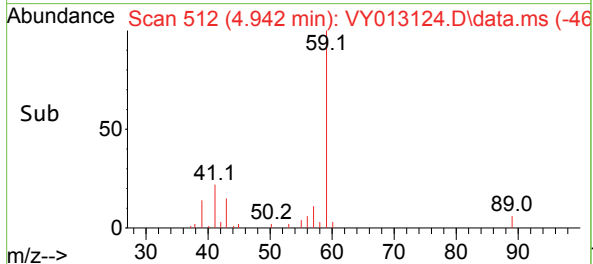
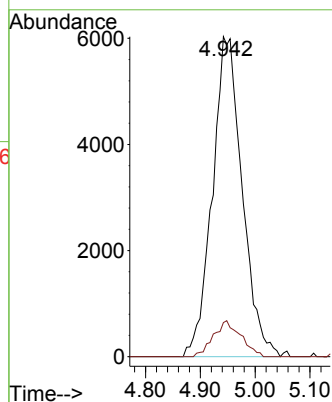
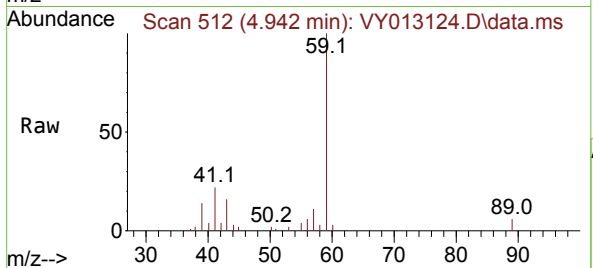
VSTDCCC050EC

Tgt Ion: 59 Resp: 22794

Ion Ratio Lower Upper

59 100

57 10.3 7.7 11.5



#12

1,1-Dichloroethene

Concen: 47.780 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

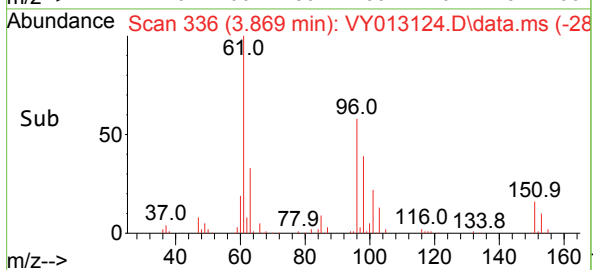
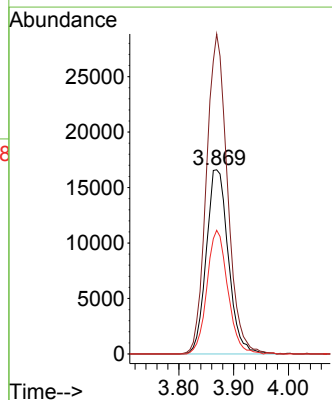
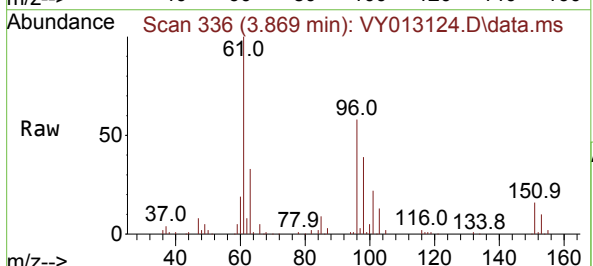
Tgt Ion: 96 Resp: 46366

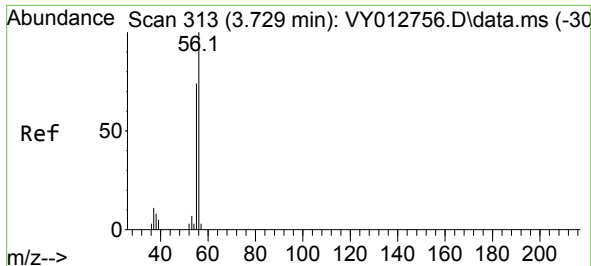
Ion Ratio Lower Upper

96 100

61 173.8 131.7 197.5

98 67.2 52.0 78.0





#13

Acrolein

Concen: 158.031 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

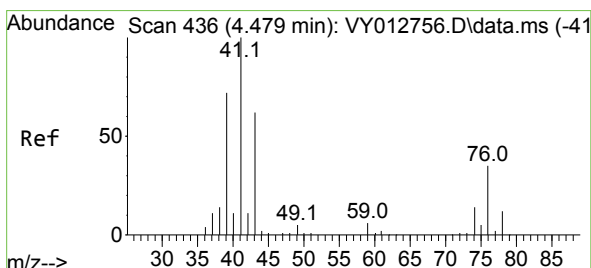
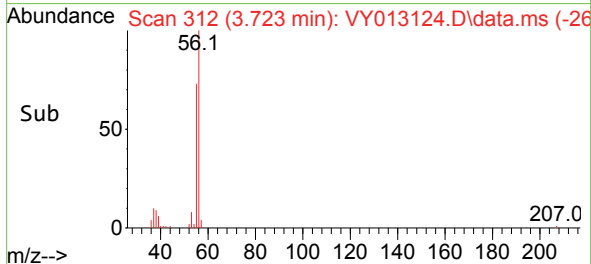
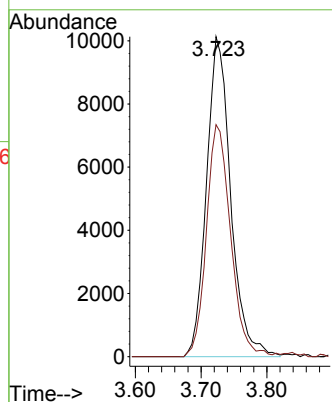
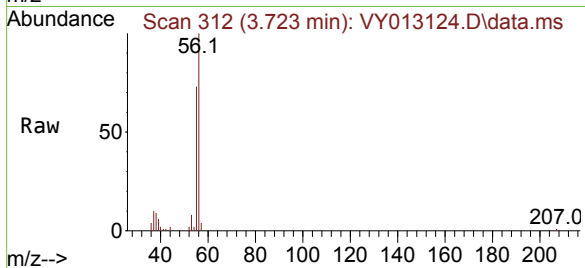
VSTDCCC050EC

Tgt Ion: 56 Resp: 25905

Ion Ratio Lower Upper

56 100

55 72.6 56.8 85.2



#14

Allyl chloride

Concen: 48.100 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

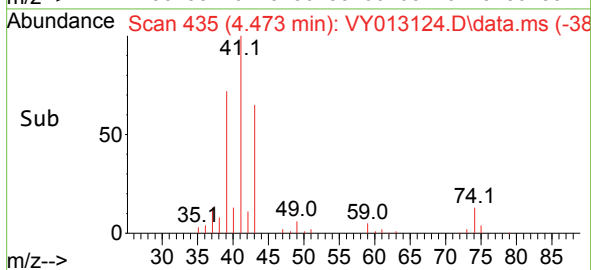
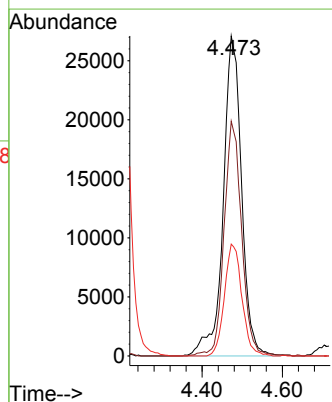
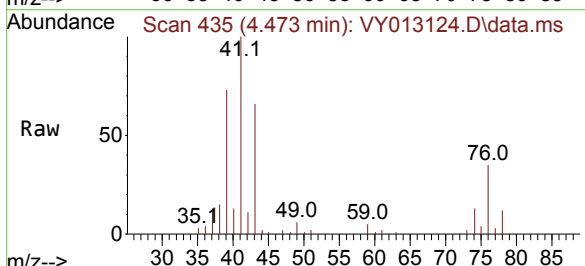
Tgt Ion: 41 Resp: 86222

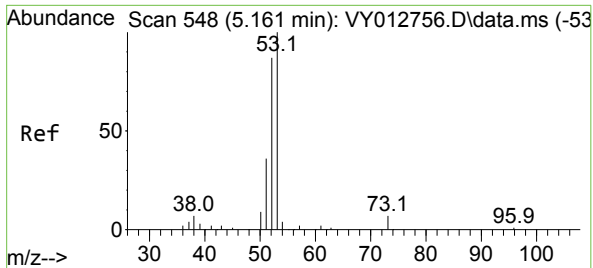
Ion Ratio Lower Upper

41 100

39 70.2 53.6 80.4

76 33.3 27.2 40.8

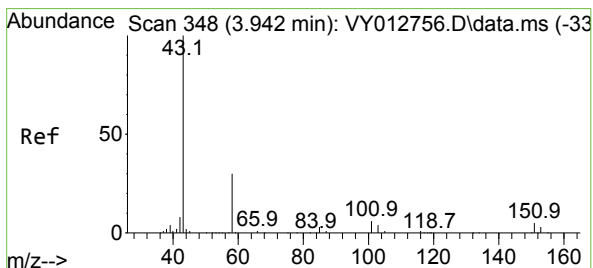
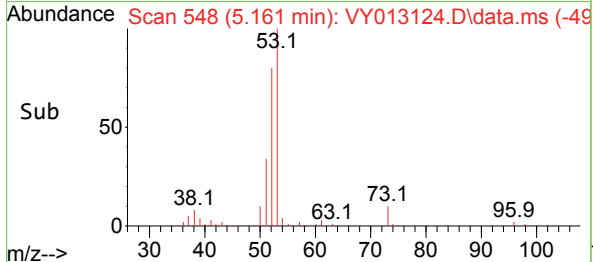
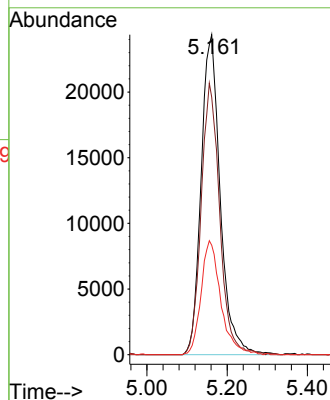
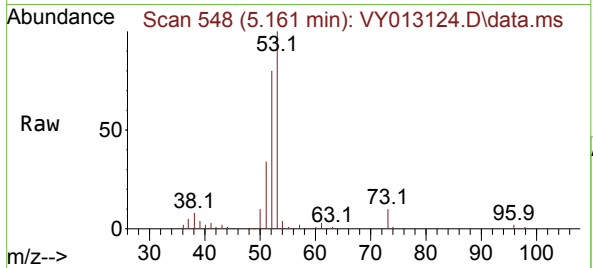




#15
Acrylonitrile
Concen: 258.265 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

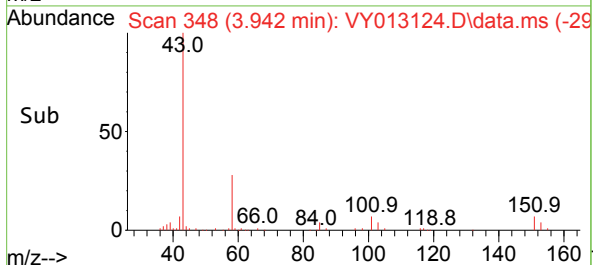
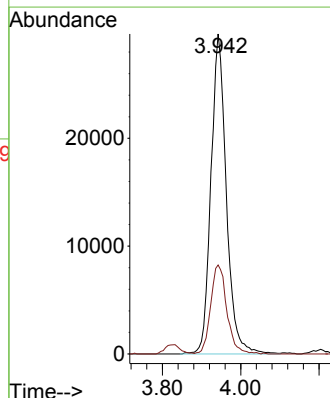
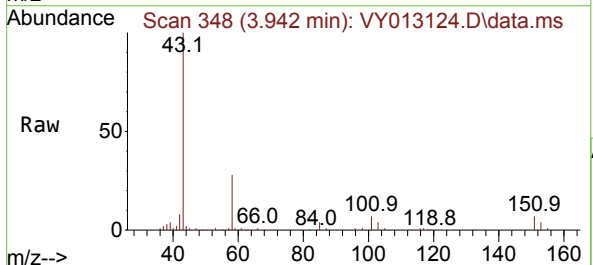
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

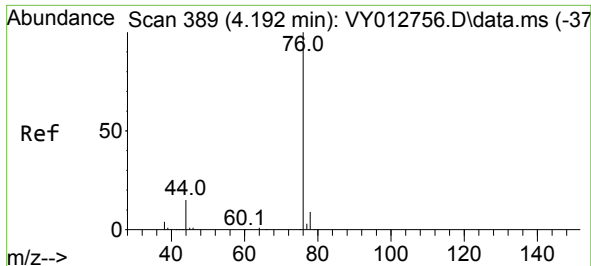
Tgt Ion:	53	Resp:	80648
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.3	99.5
51	36.8	28.8	43.2



#16
Acetone
Concen: 219.899 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:	43	Resp:	80757
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.2	36.2

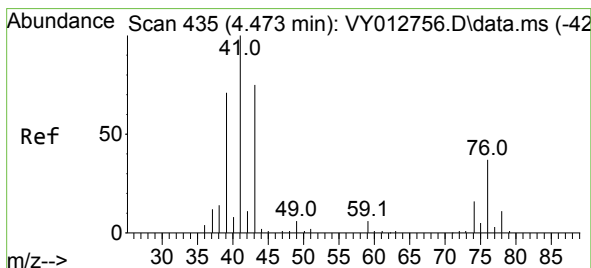
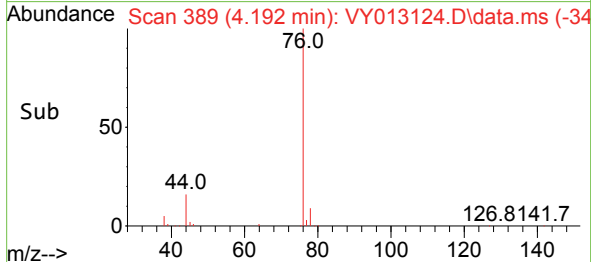
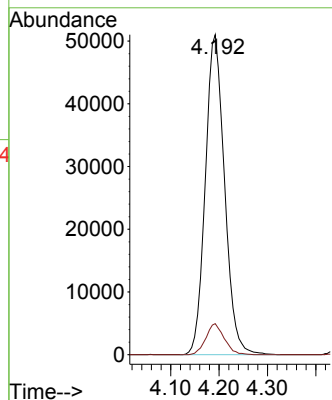
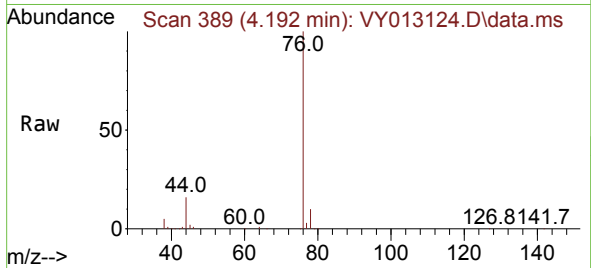




#17
Carbon Disulfide
Concen: 42.689 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

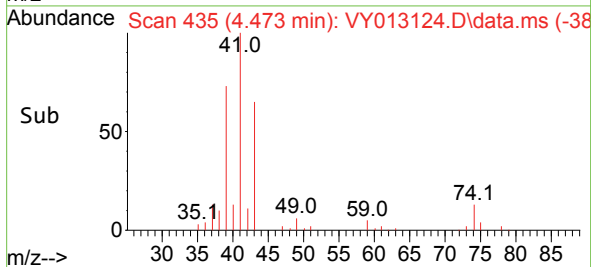
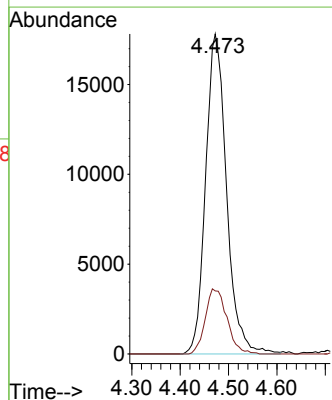
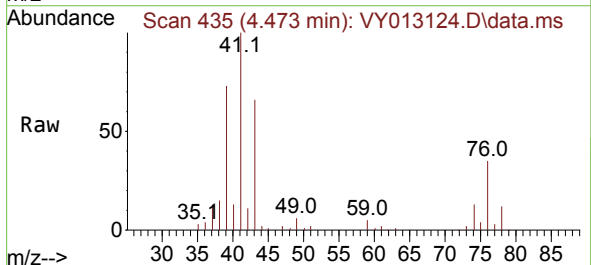
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

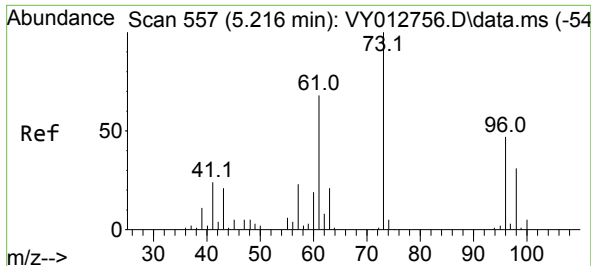
Tgt Ion: 76 Resp: 141009
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 48.954 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 43 Resp: 53538
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.892 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

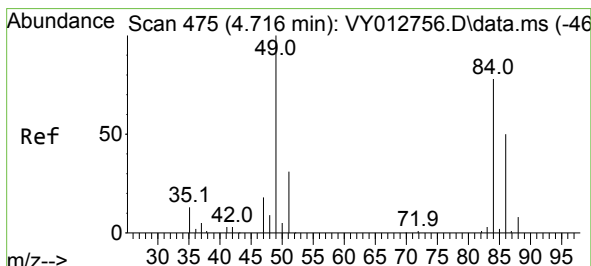
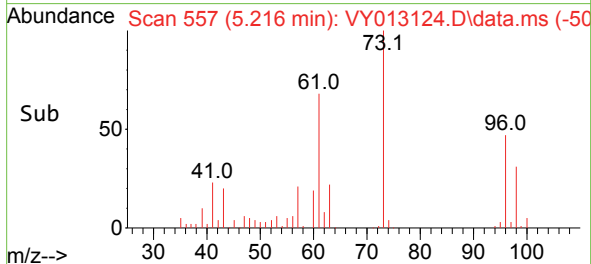
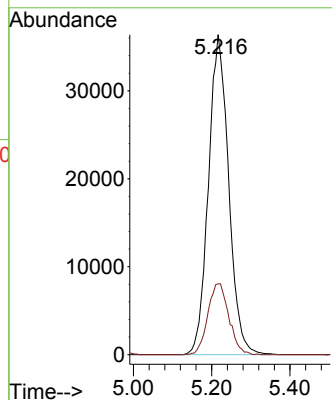
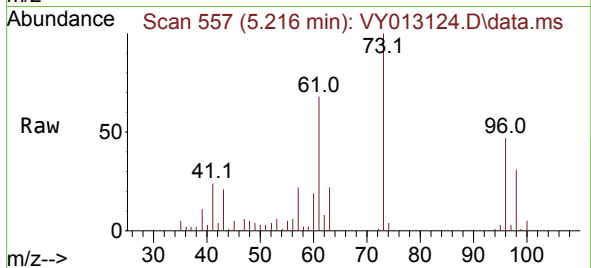
VSTDCCC050EC

Tgt Ion: 73 Resp: 130069

Ion Ratio Lower Upper

73 100

57 22.1 18.3 27.5



#20

Methylene Chloride

Concen: 53.157 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Tgt Ion: 84 Resp: 59191

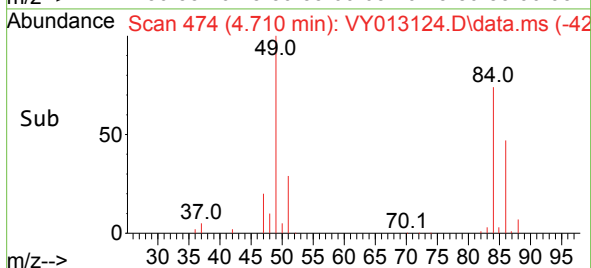
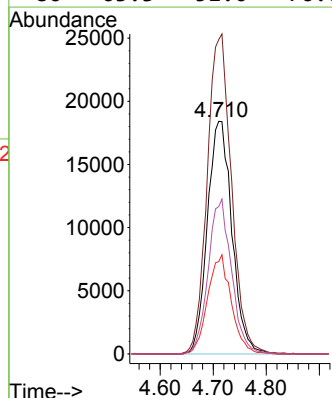
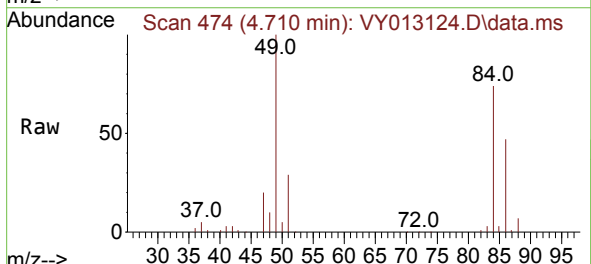
Ion Ratio Lower Upper

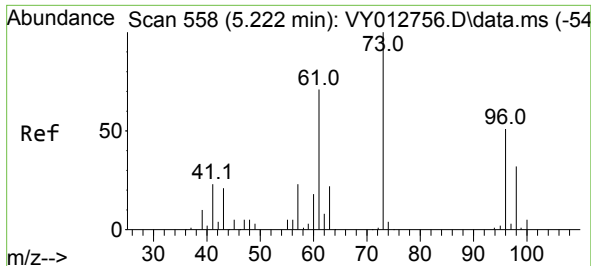
84 100

49 135.2 102.6 154.0

51 39.7 31.9 47.9

86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.027 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

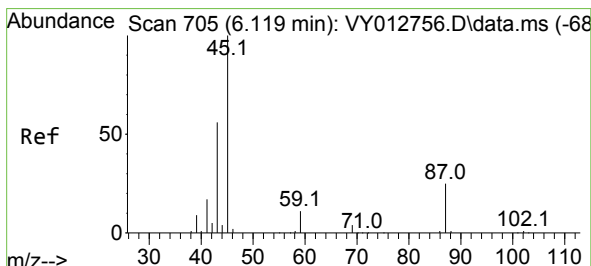
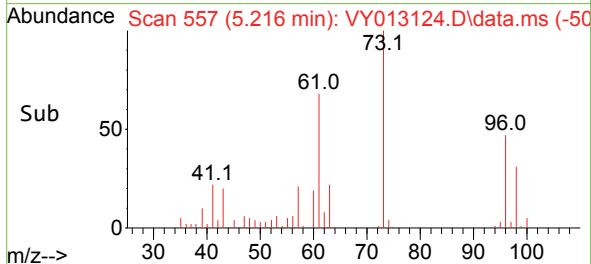
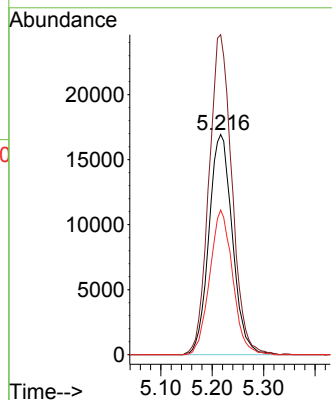
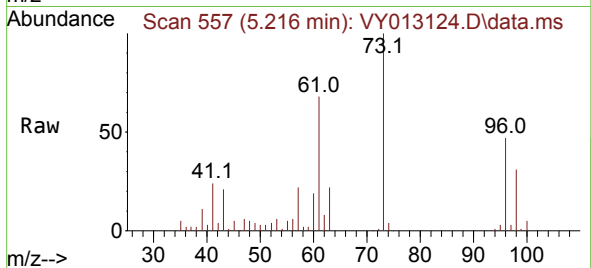
Tgt Ion: 96 Resp: 53811

Ion Ratio Lower Upper

96 100

61 145.3 111.4 167.0

98 65.7 50.8 76.2



#22

Diisopropyl ether

Concen: 56.555 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.007 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Tgt Ion: 45 Resp: 184131

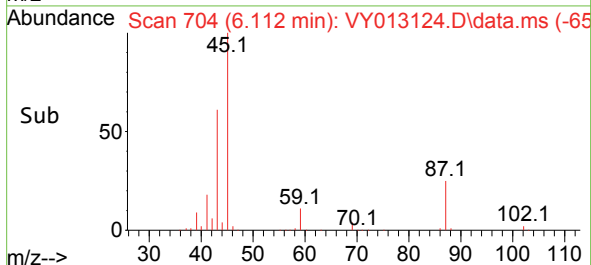
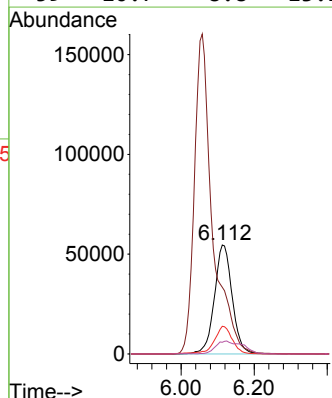
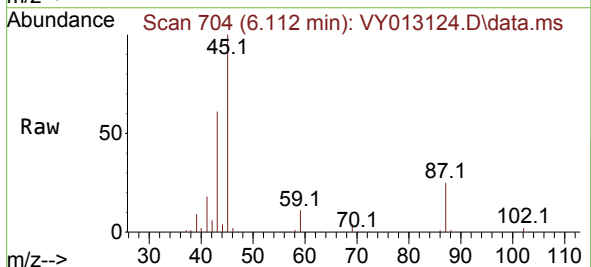
Ion Ratio Lower Upper

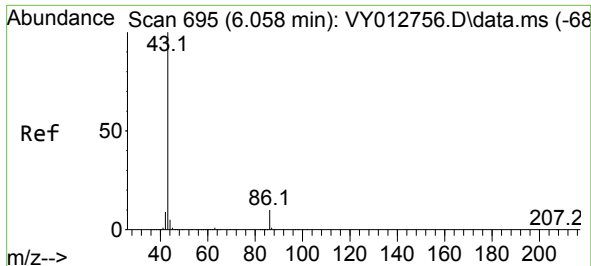
45 100

43 60.8 45.0 67.6

87 25.4 20.3 30.5

59 10.7 8.8 13.2

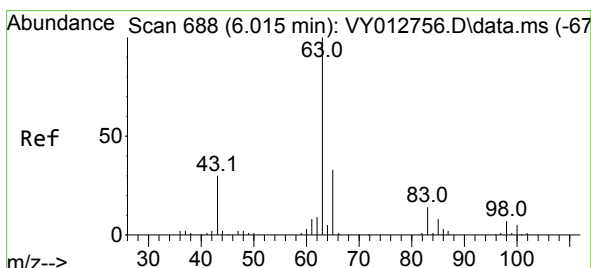
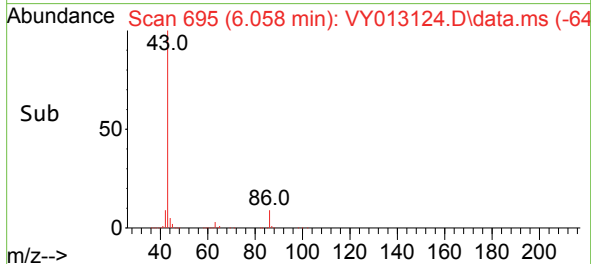
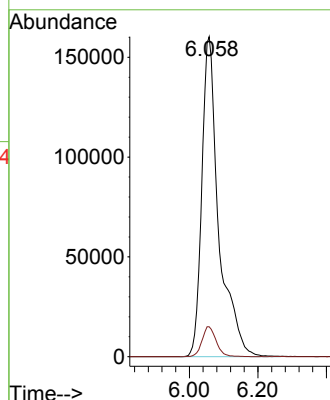
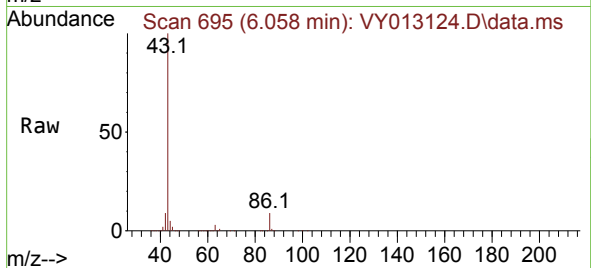




#23
 Vinyl Acetate
 Concen: 272.513 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

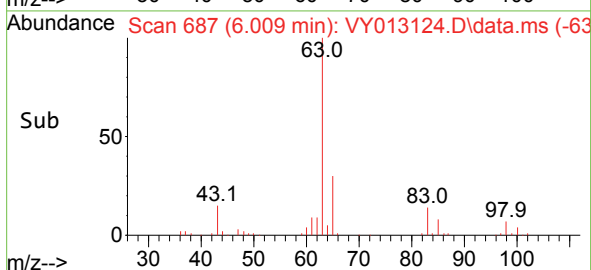
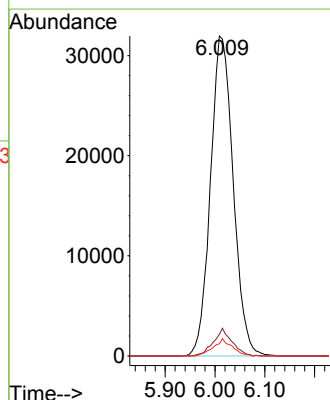
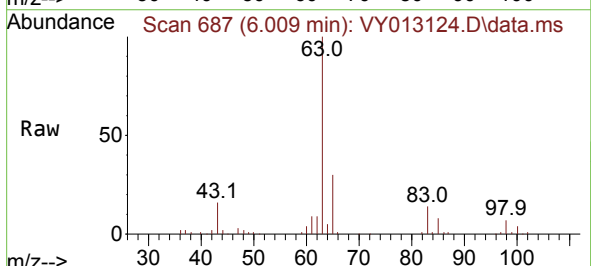
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

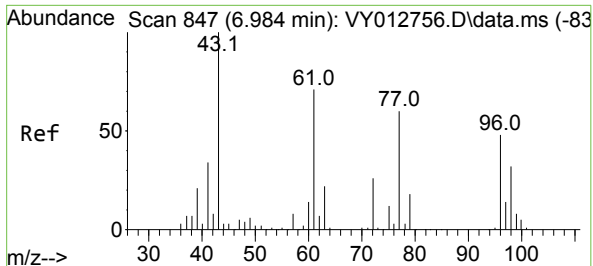
Tgt Ion: 43 Resp: 551285
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.537 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

Tgt Ion: 63 Resp: 101180
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 233.652 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

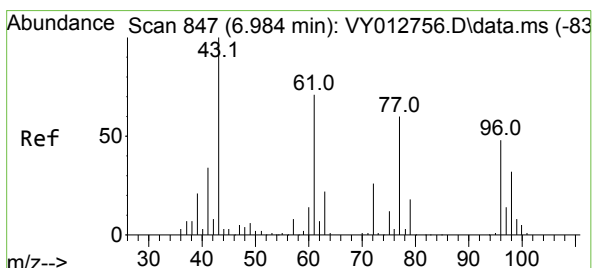
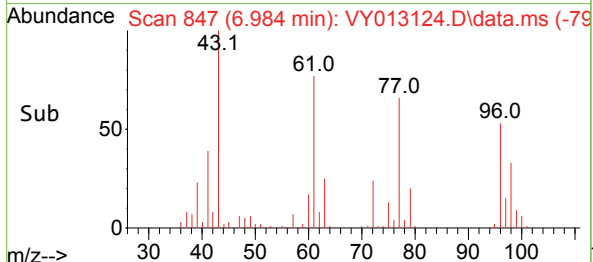
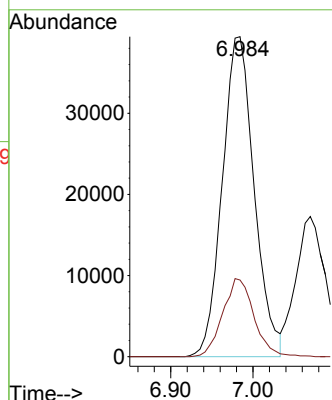
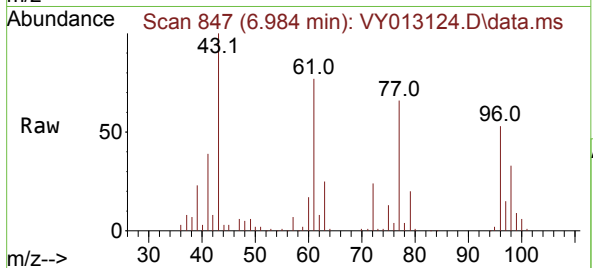
VSTDCCC050EC

Tgt Ion: 43 Resp: 106280

Ion Ratio Lower Upper

43 100

72 24.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.507 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013124.D

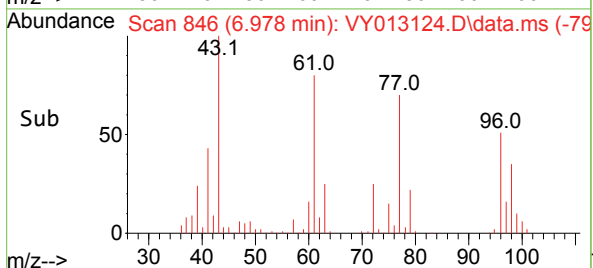
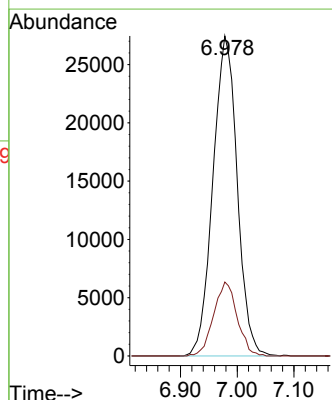
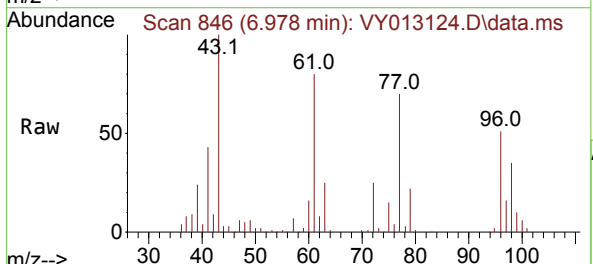
Acq: 28 Mar 2023 18:07

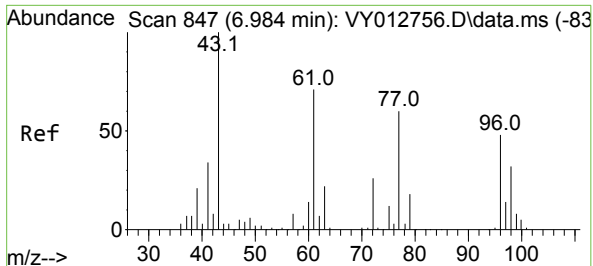
Tgt Ion: 77 Resp: 81576

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.544 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

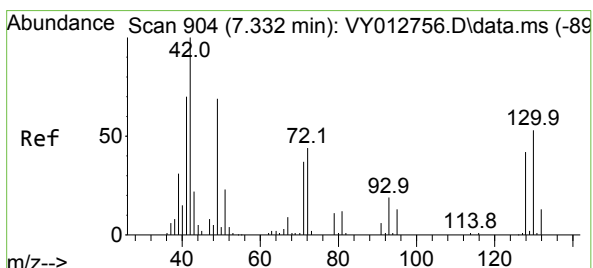
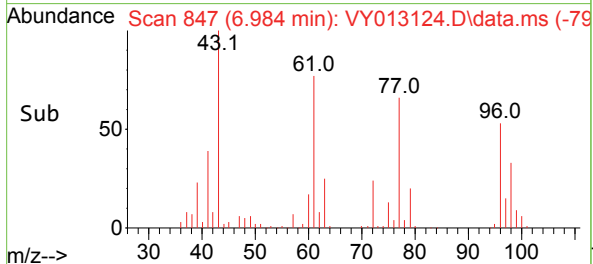
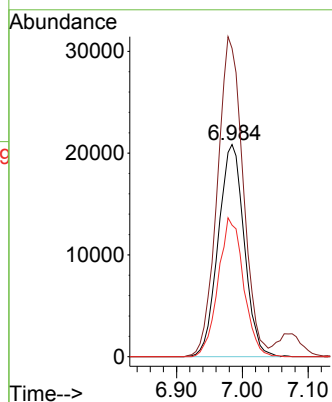
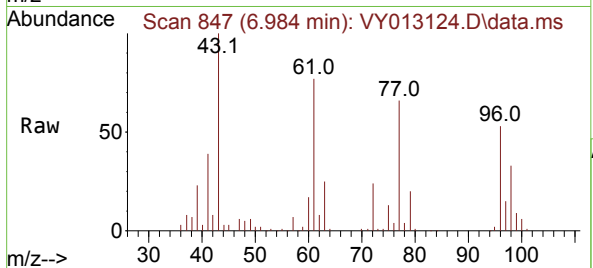
Tgt Ion: 96 Resp: 57146

Ion Ratio Lower Upper

96 100

61 149.9 0.0 295.8

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 49.751 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

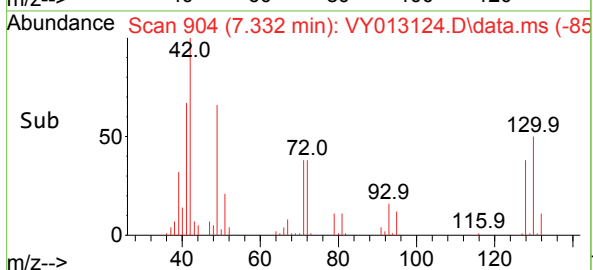
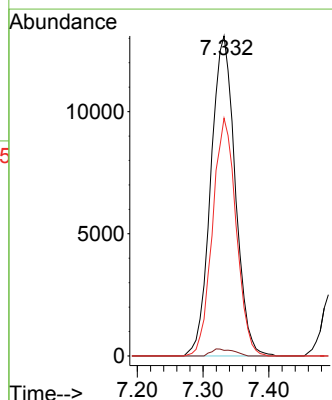
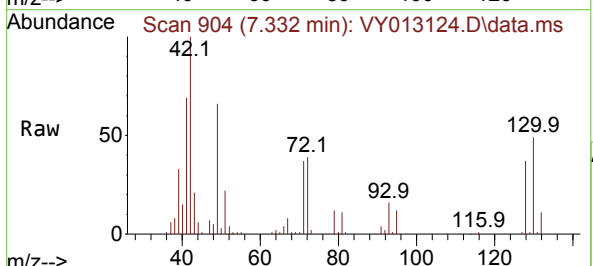
Tgt Ion: 49 Resp: 33731

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 72.1 60.5 90.7





#29

Tetrahydrofuran

Concen: 248.427 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

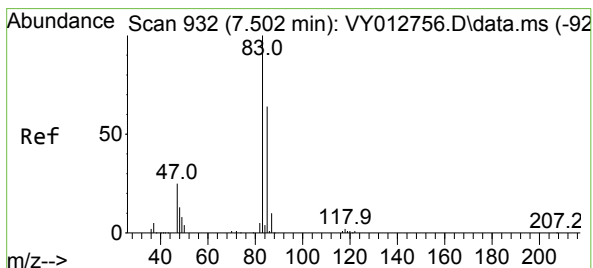
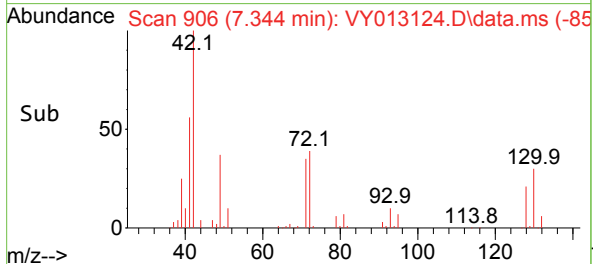
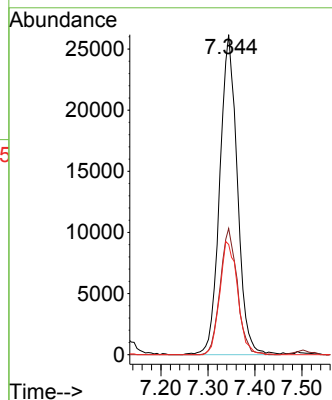
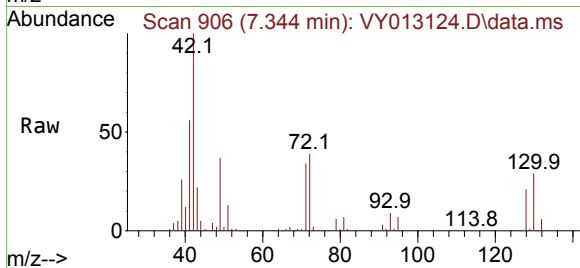
Tgt Ion: 42 Resp: 68153

Ion Ratio Lower Upper

42 100

72 38.4 32.3 48.5

71 35.9 30.3 45.5



#30

Chloroform

Concen: 53.257 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013124.D

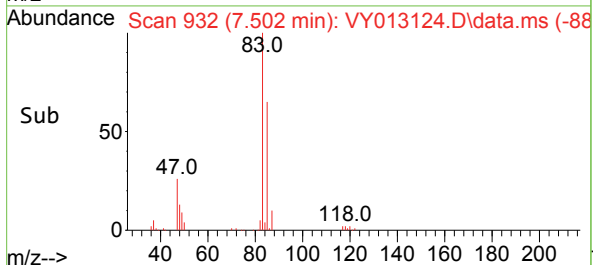
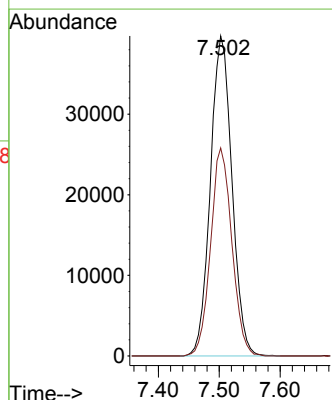
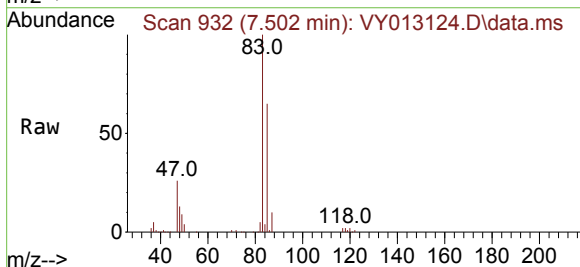
Acq: 28 Mar 2023 18:07

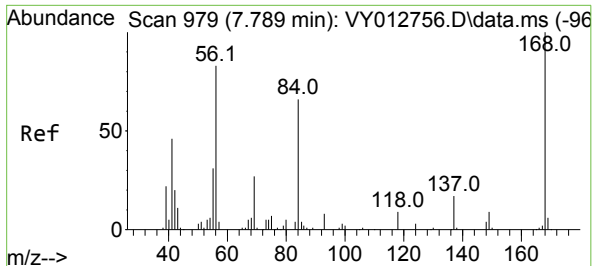
Tgt Ion: 83 Resp: 97595

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

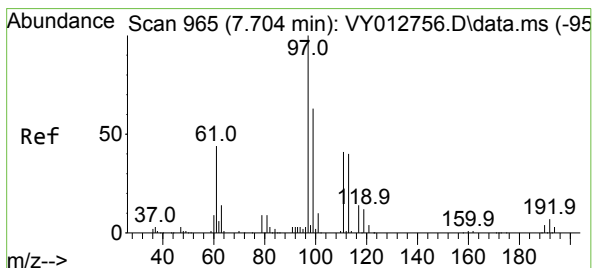
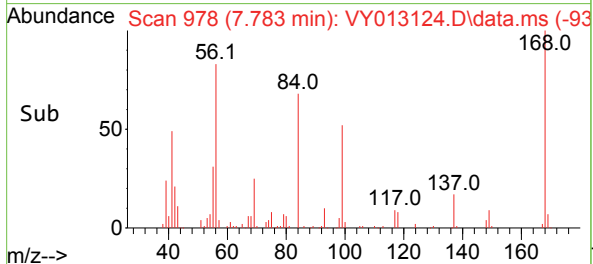
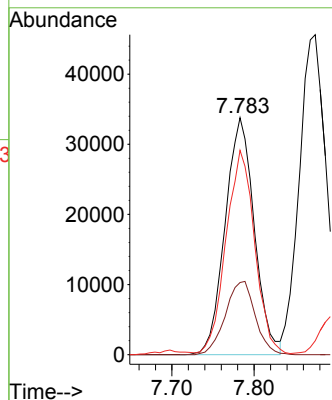
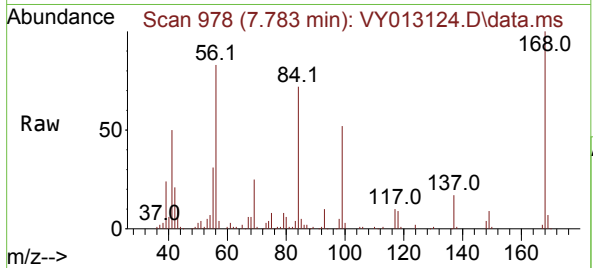




#31
Cyclohexane
Concen: 46.556 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

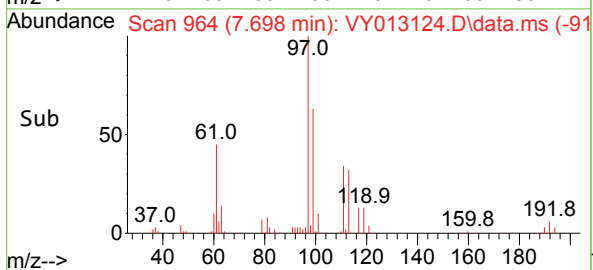
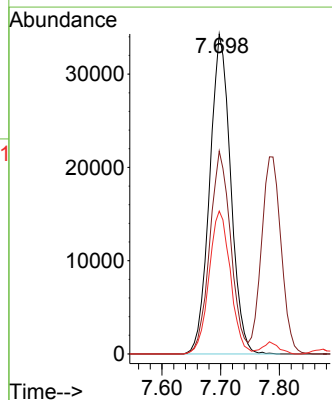
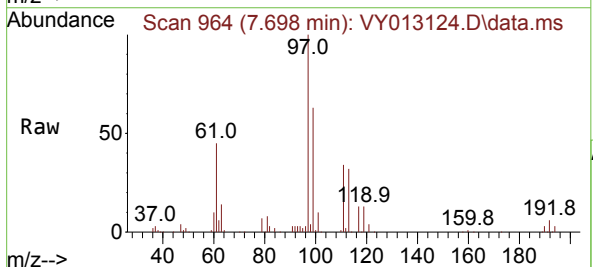
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

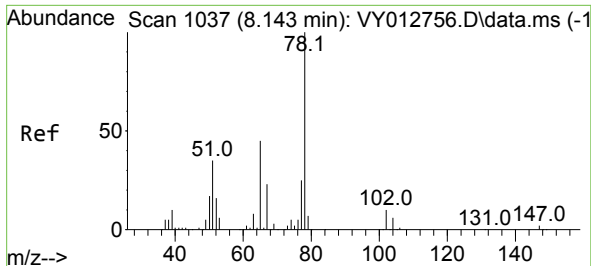
Tgt Ion: 56 Resp: 83424
Ion Ratio Lower Upper
56 100
69 30.5 25.7 38.5
84 85.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.313 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 97 Resp: 85038
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 45.6 34.5 51.7

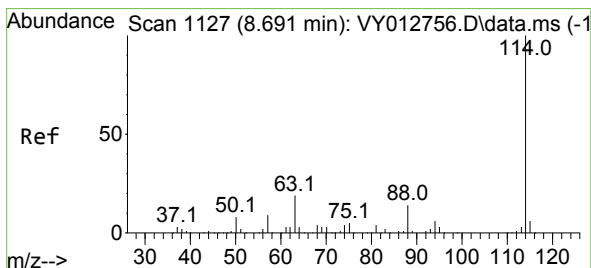
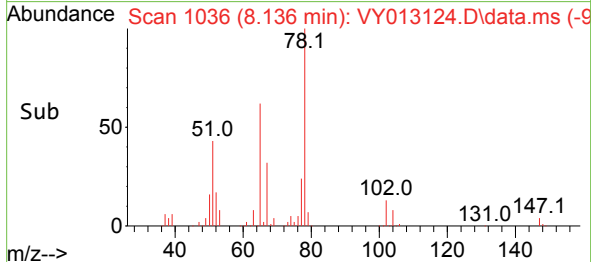
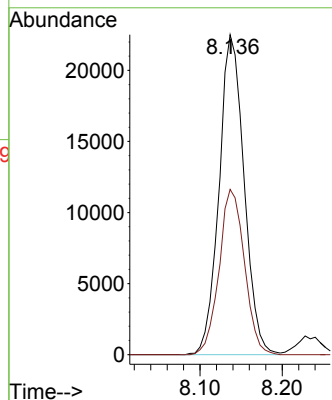
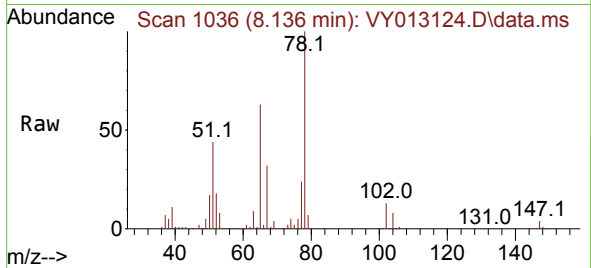




#33
 1,2-Dichloroethane-d4
 Concen: 50.856 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.007 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

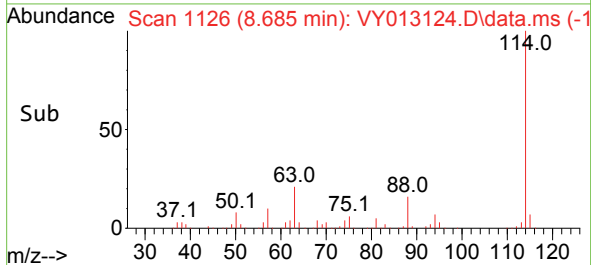
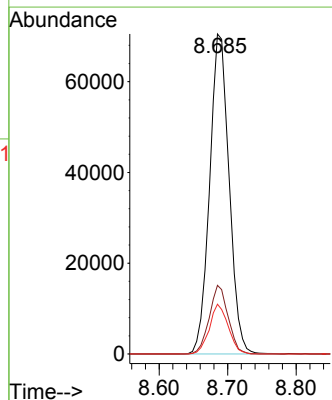
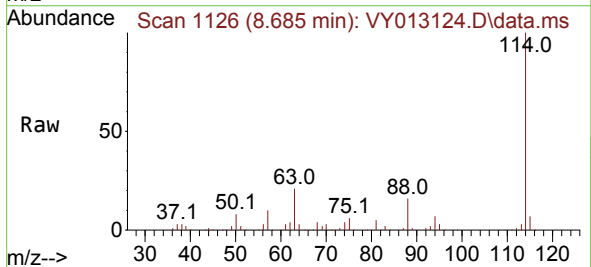
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 47583
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

Tgt Ion: 114 Resp: 138910
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 15.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 54.466 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

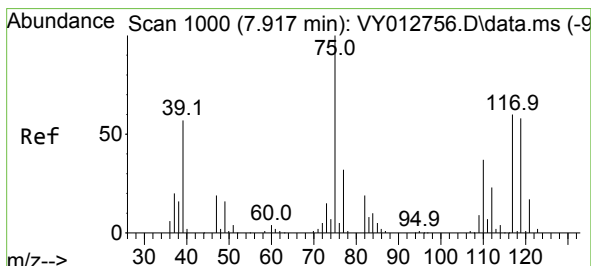
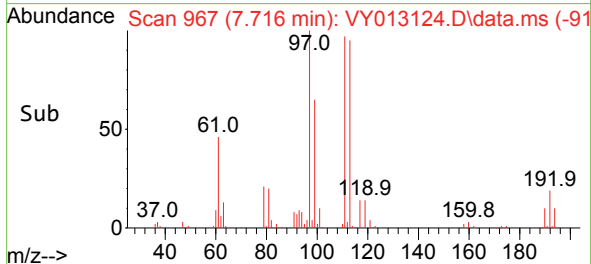
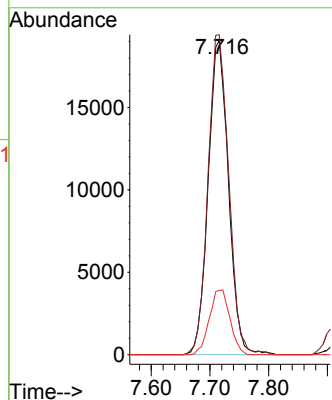
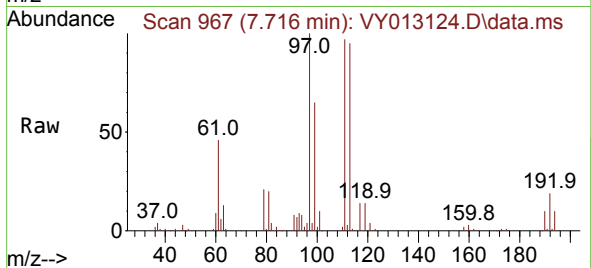
Tgt Ion:113 Resp: 45660

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 21.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 52.199 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

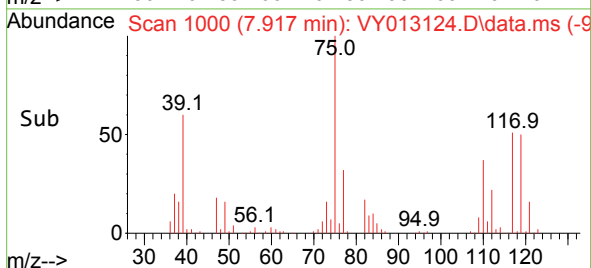
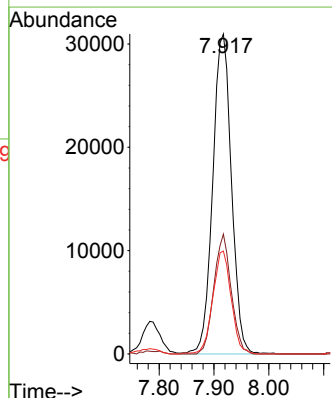
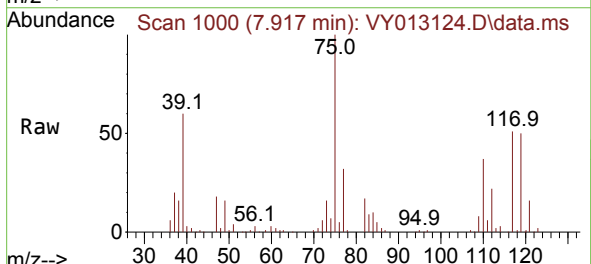
Tgt Ion: 75 Resp: 73331

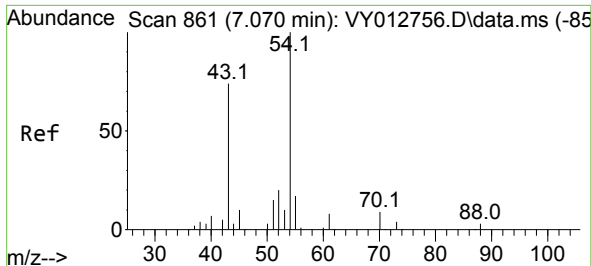
Ion Ratio Lower Upper

75 100

110 34.6 17.8 53.3

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 50.979 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

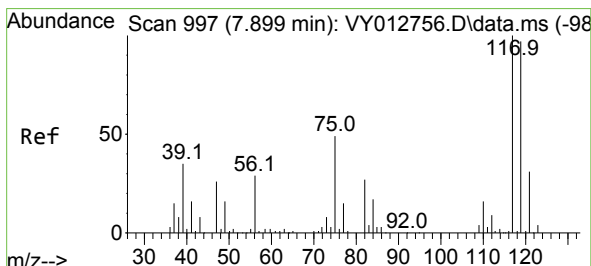
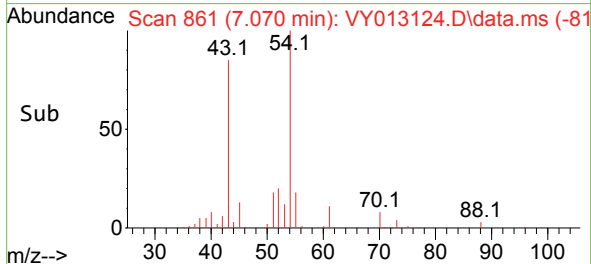
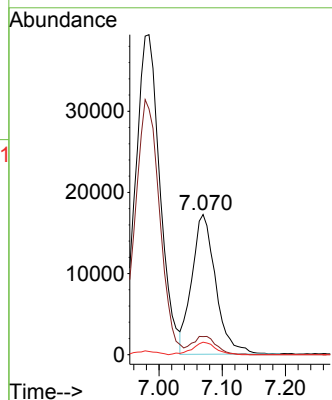
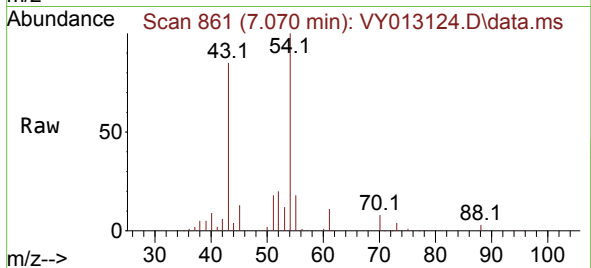
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	45139
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	8.7	7.8	11.8



#38

Carbon Tetrachloride

Concen: 54.418 ug/l

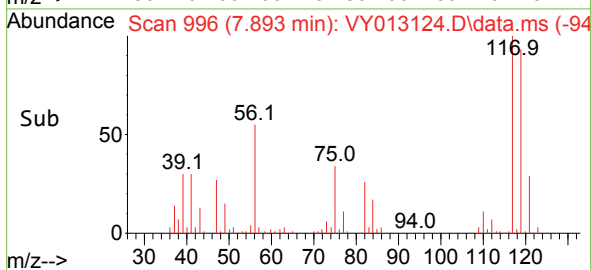
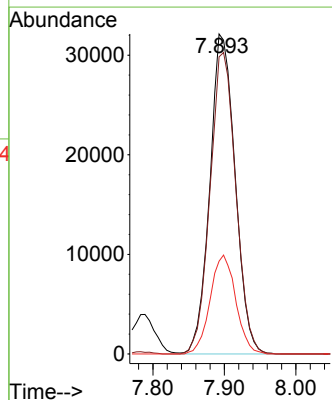
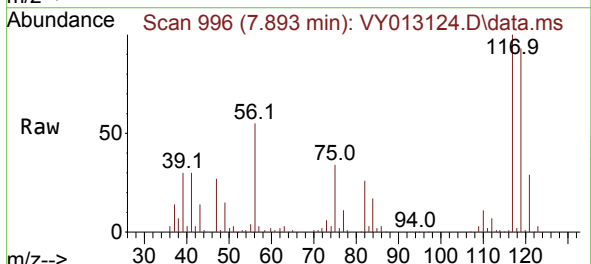
RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Tgt Ion:	117	Resp:	78945
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.2	115.8
121	29.0	24.7	37.1

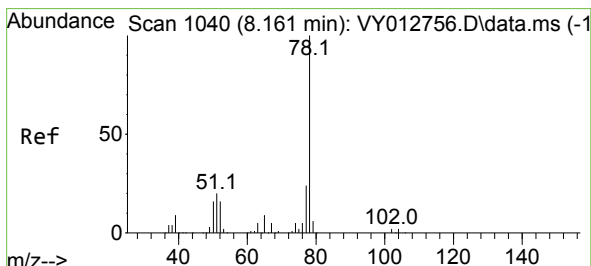
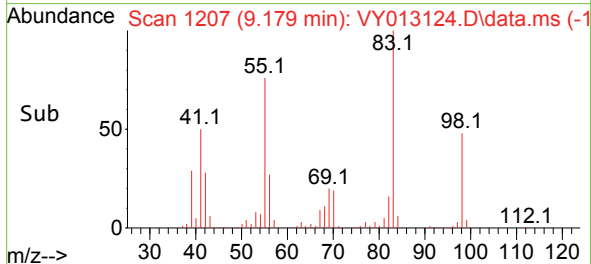
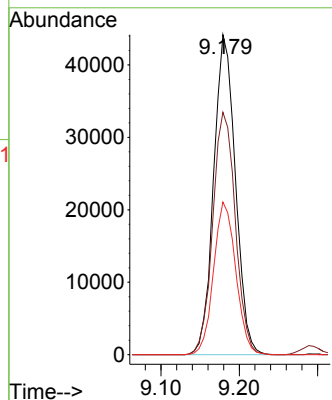
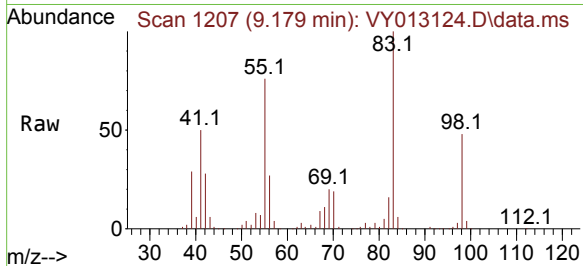




#39
Methylcyclohexane
Concen: 51.074 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

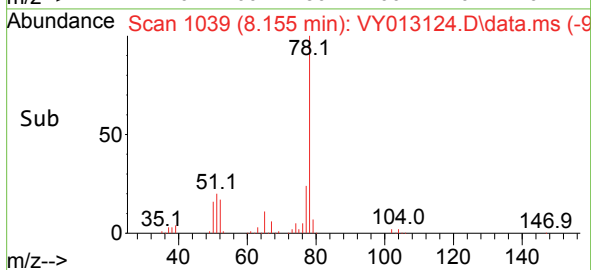
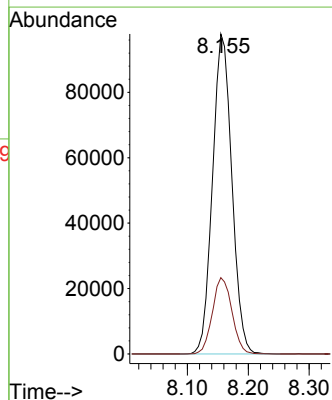
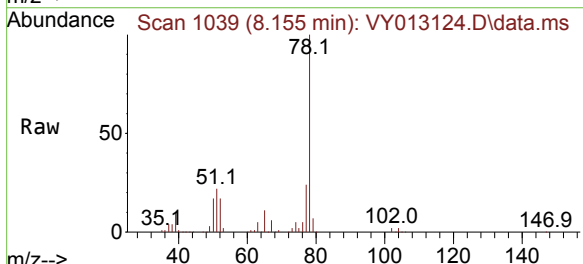
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

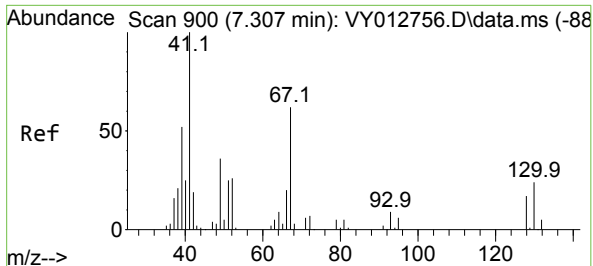
Tgt Ion: 83 Resp: 85303
Ion Ratio Lower Upper
83 100
55 75.7 60.0 90.0
98 47.7 38.3 57.5



#40
Benzene
Concen: 54.205 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 78 Resp: 215405
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

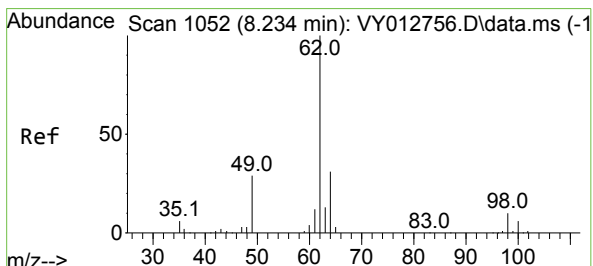
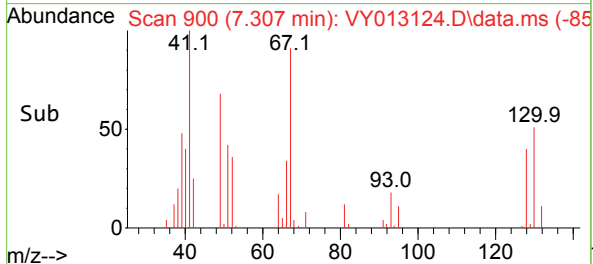
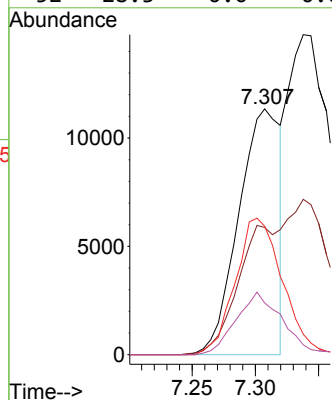
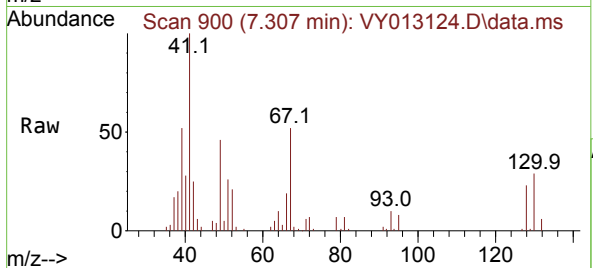




#41
Methacrylonitrile
Concen: 54.629 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

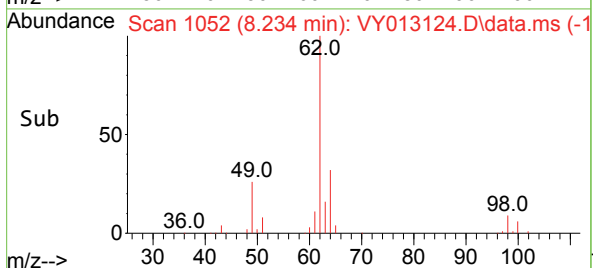
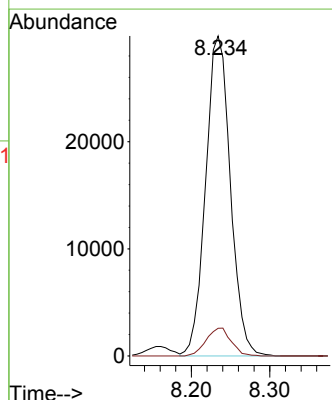
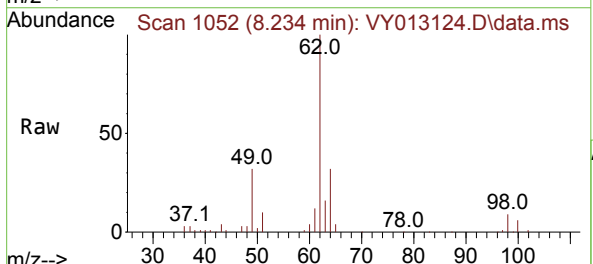
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

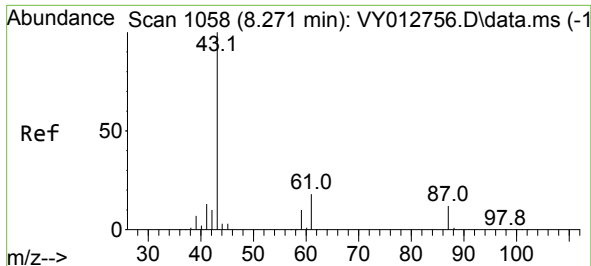
Tgt Ion: 41 Resp: 26061
Ion Ratio Lower Upper
41 100
39 45.4 0.0 0.0#
67 63.2 0.0 0.0#
52 28.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 54.877 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 62 Resp: 65564
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8

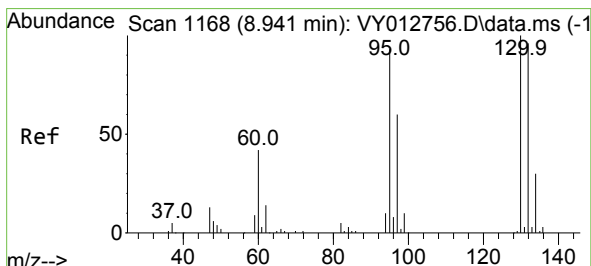
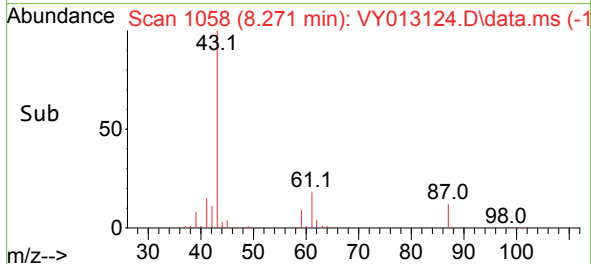
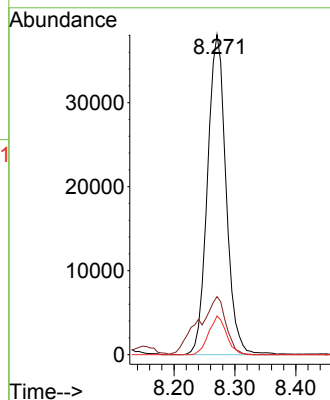
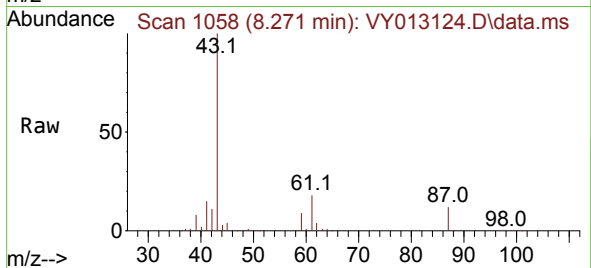




#43
Isopropyl Acetate
Concen: 51.047 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

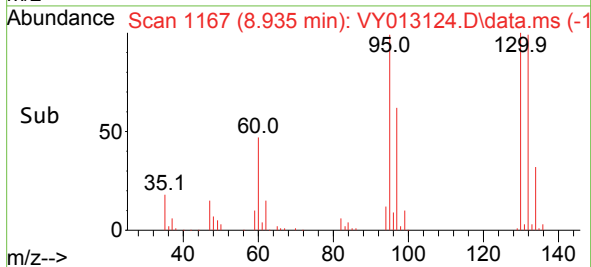
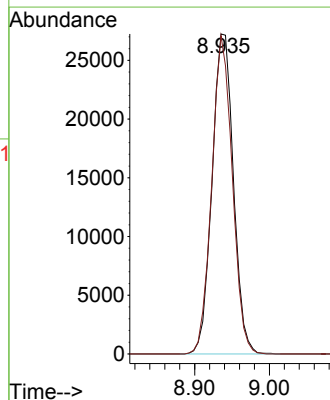
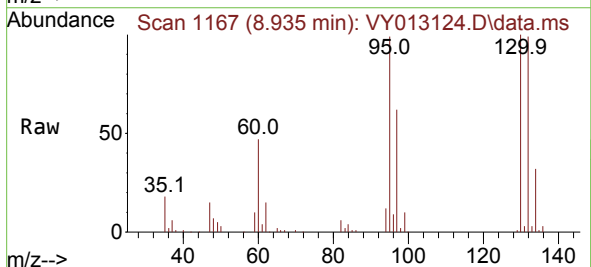
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

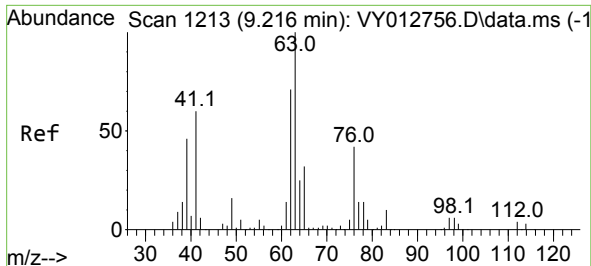
Tgt Ion: 43 Resp: 80642
Ion Ratio Lower Upper
43 100
61 26.8 21.6 32.4
87 11.6 9.9 14.9



#44
Trichloroethene
Concen: 51.516 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 130 Resp: 53975
Ion Ratio Lower Upper
130 100
95 99.4 0.0 185.0





#45

1,2-Dichloropropane

Concen: 54.113 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

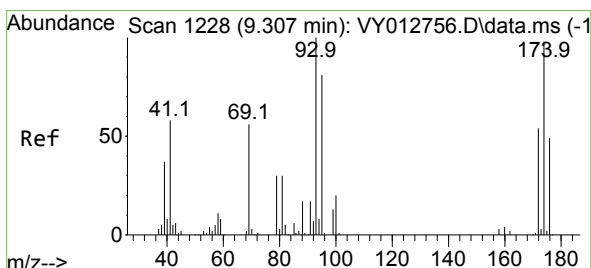
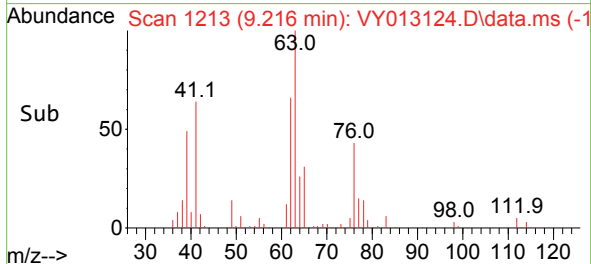
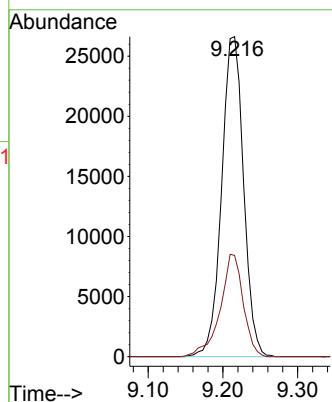
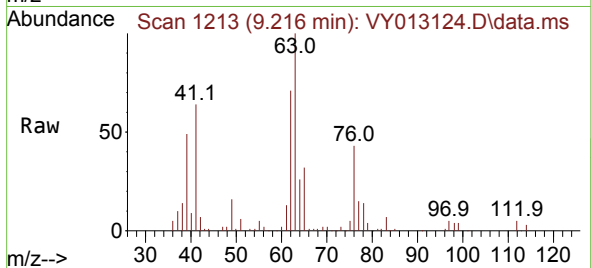
VSTDCCC050EC

Tgt Ion: 63 Resp: 54346

Ion Ratio Lower Upper

63 100

65 31.6 25.7 38.5



#46

Dibromomethane

Concen: 52.513 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

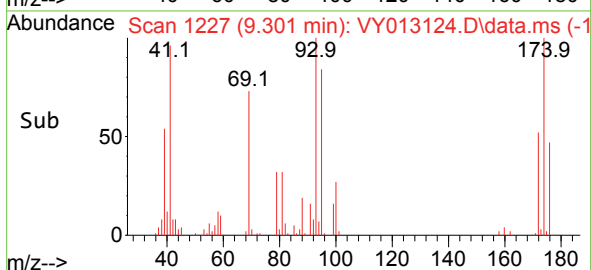
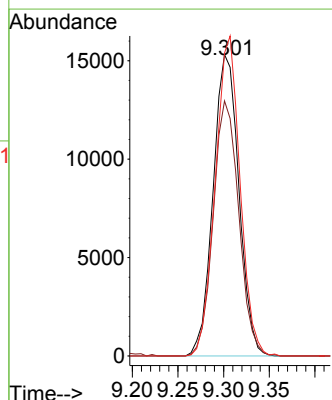
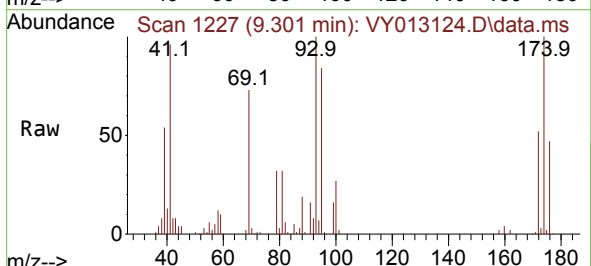
Tgt Ion: 93 Resp: 30046

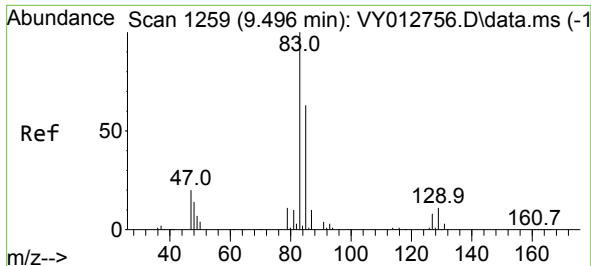
Ion Ratio Lower Upper

93 100

95 83.9 65.6 98.4

174 102.1 81.3 121.9

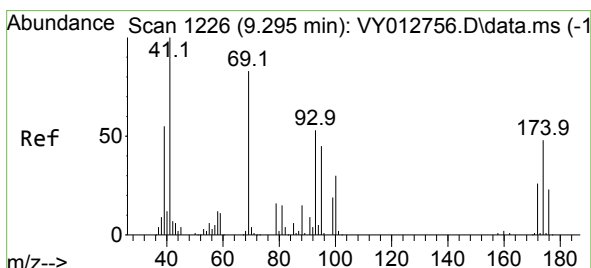
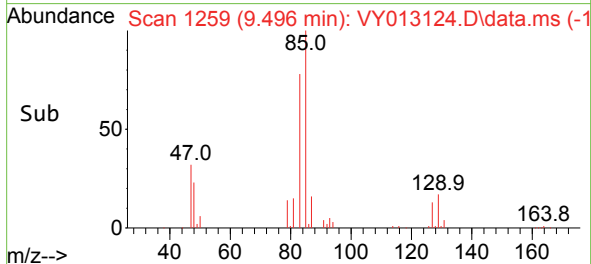
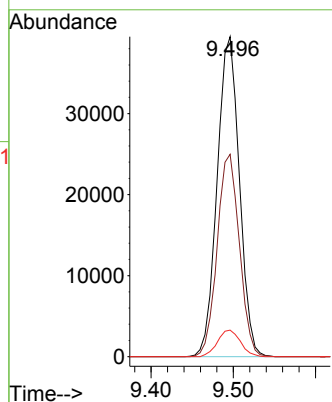
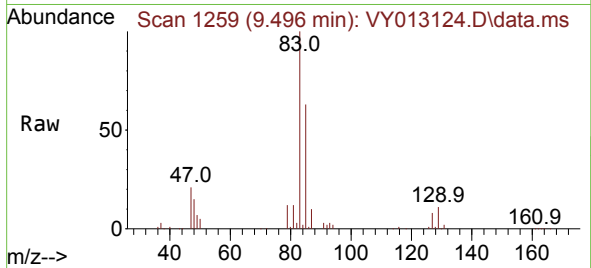




#47
Bromodichloromethane
Concen: 55.021 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

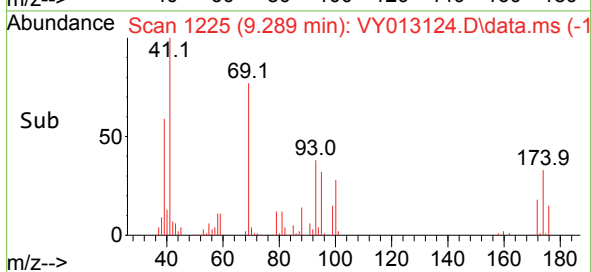
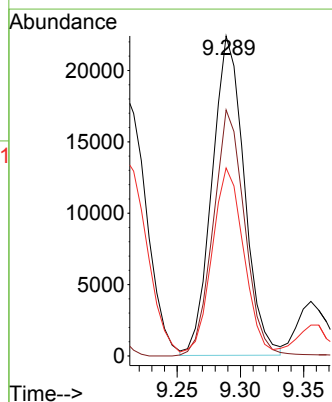
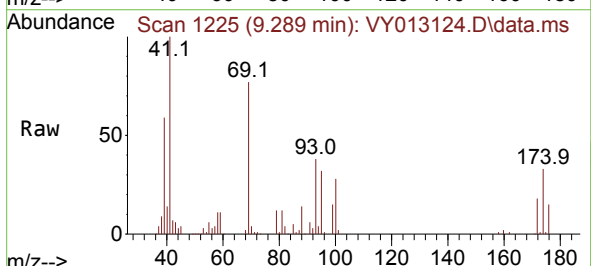
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

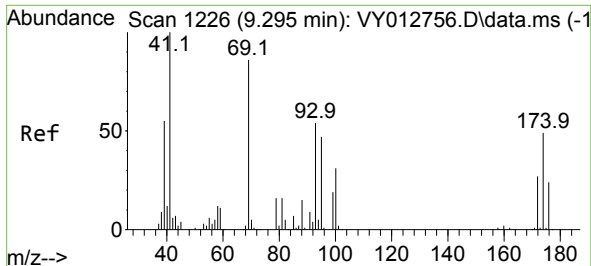
Tgt Ion: 83 Resp: 74186
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 54.332 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 41 Resp: 39549
Ion Ratio Lower Upper
41 100
69 75.6 64.1 96.1
39 56.1 44.0 66.0





#49

1,4-Dioxane

Concen: 1083.339 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

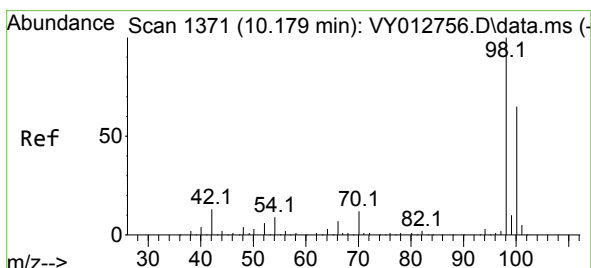
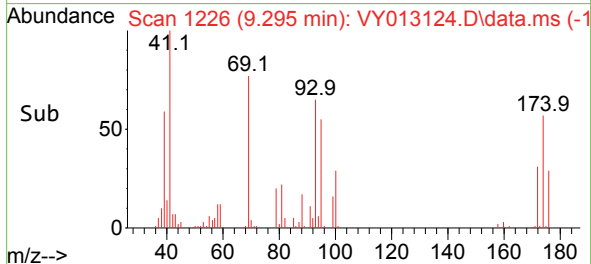
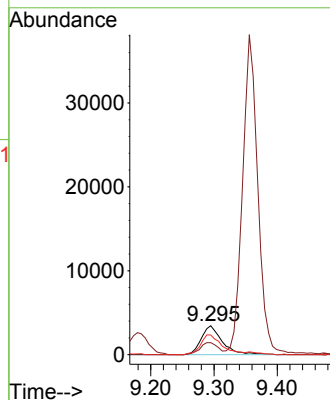
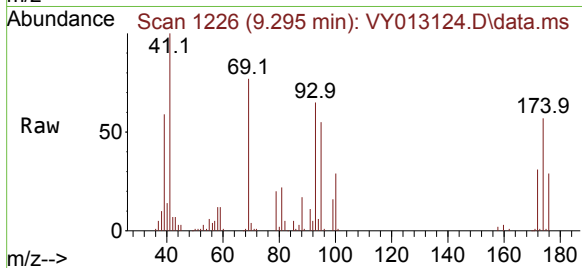
Tgt Ion: 88 Resp: 8013

Ion Ratio Lower Upper

88 100

43 35.3 28.6 42.8

58 69.5 55.2 82.8



#50

Toluene-d8

Concen: 46.927 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013124.D

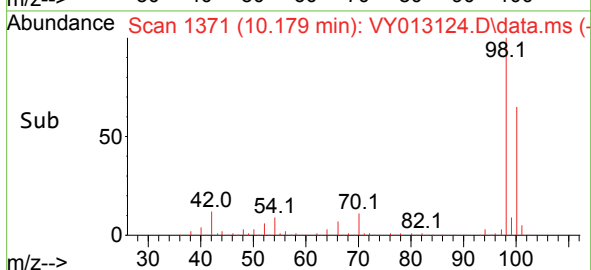
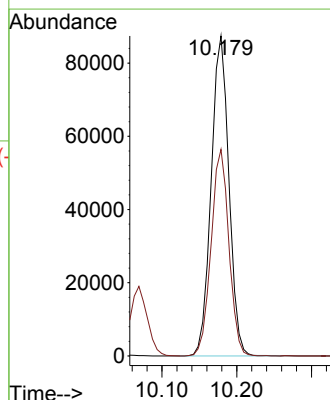
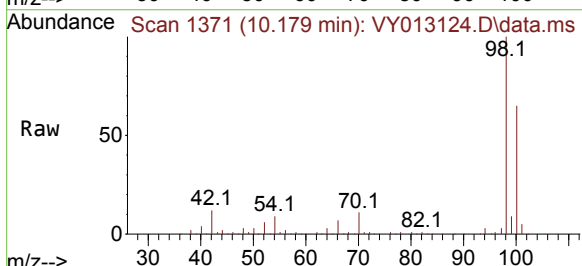
Acq: 28 Mar 2023 18:07

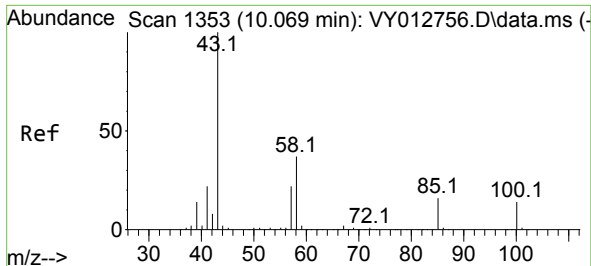
Tgt Ion: 98 Resp: 143820

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 267.376 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

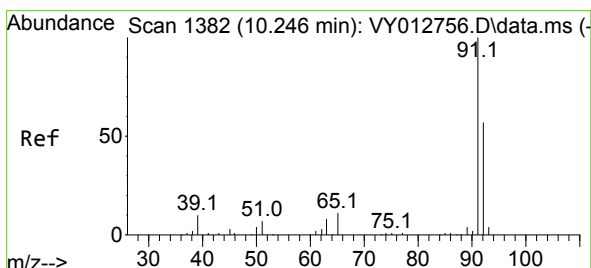
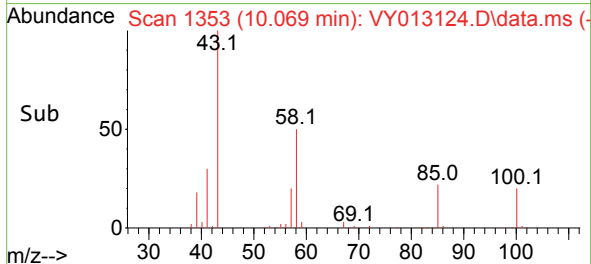
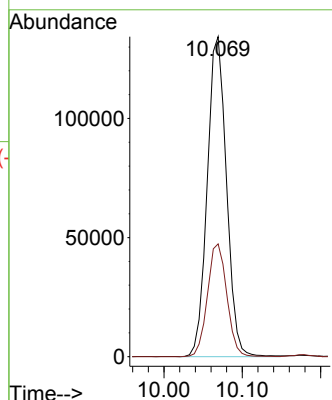
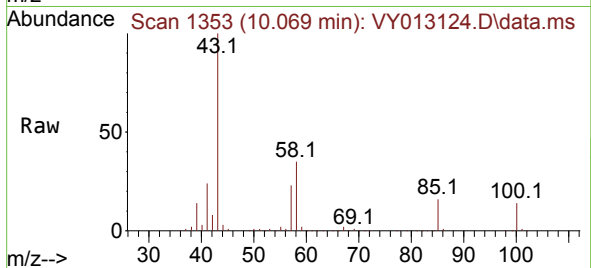
VSTDCCC050EC

Tgt Ion: 43 Resp: 229118

Ion Ratio Lower Upper

43 100

58 35.6 29.8 44.6



#52

Toluene

Concen: 54.403 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013124.D

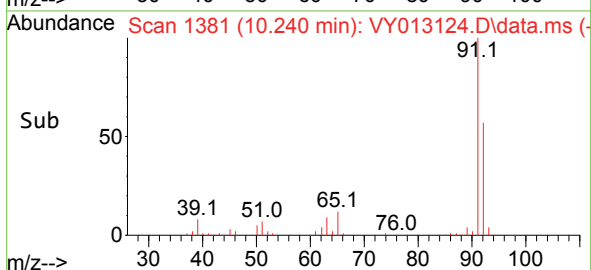
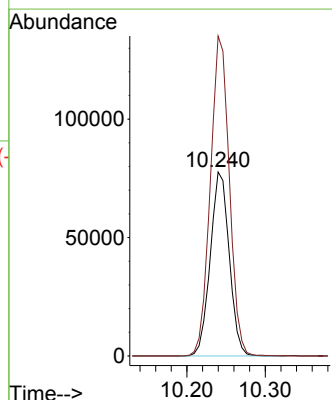
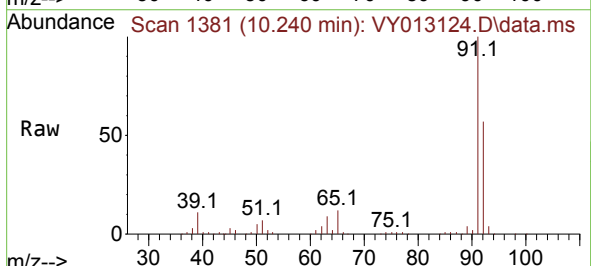
Acq: 28 Mar 2023 18:07

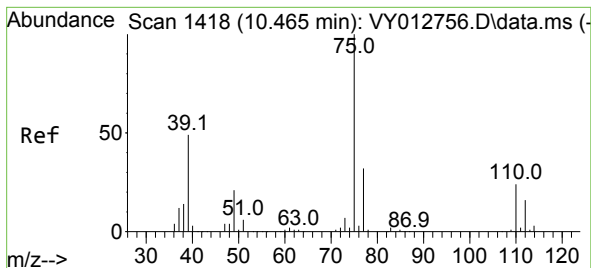
Tgt Ion: 92 Resp: 130383

Ion Ratio Lower Upper

92 100

91 174.5 141.3 211.9

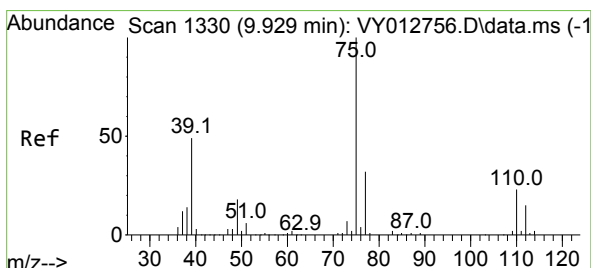
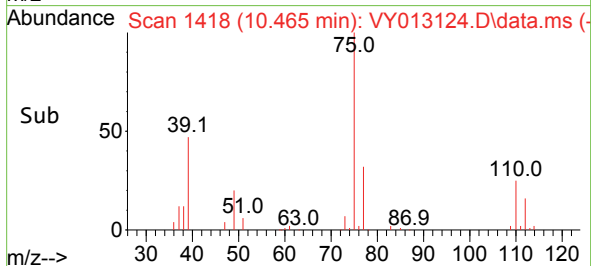
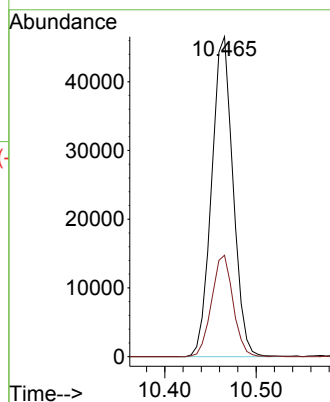
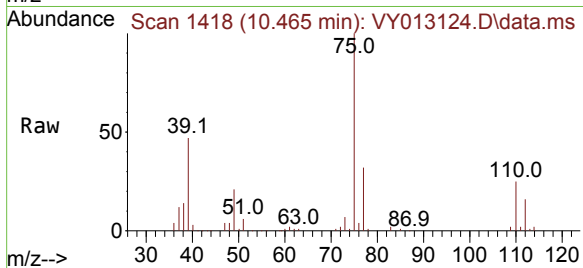




#53
t-1,3-Dichloropropene
Concen: 53.563 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

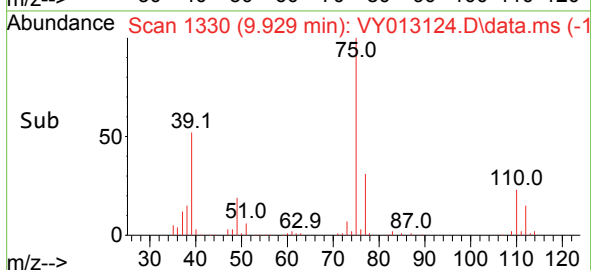
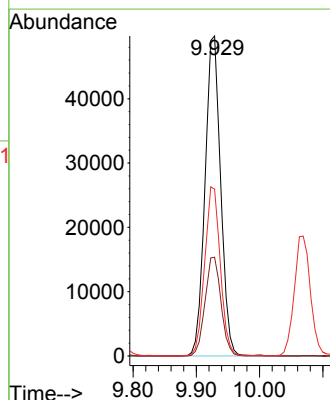
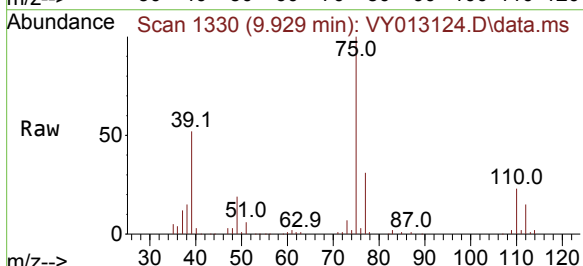
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

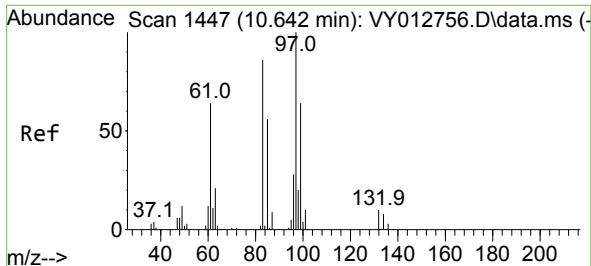
Tgt Ion: 75 Resp: 75752
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.518 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 75 Resp: 85668
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 52.1 39.0 58.4

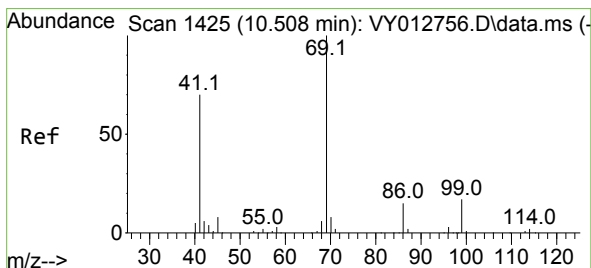
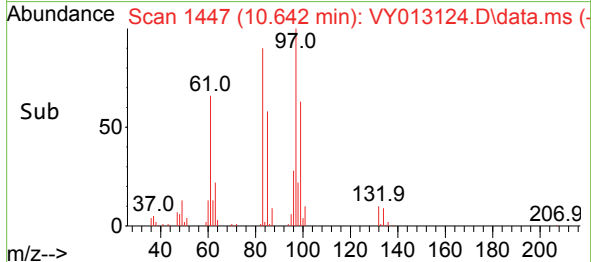
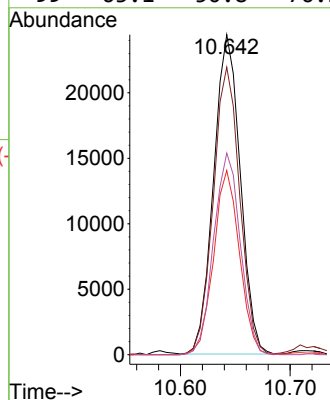
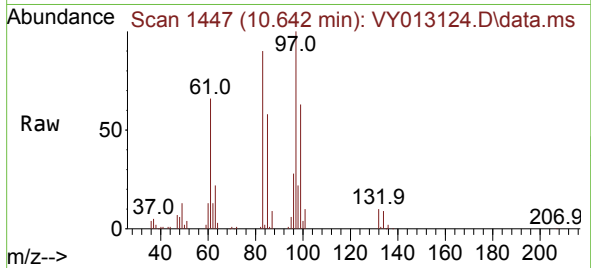




#55
1,1,2-Trichloroethane
Concen: 51.688 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

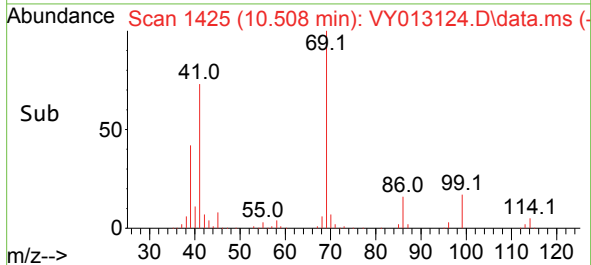
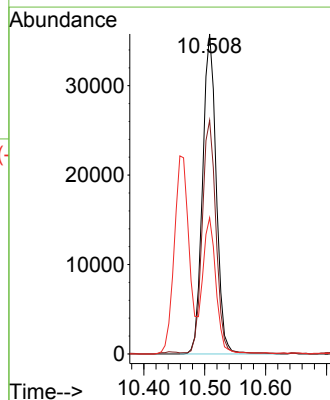
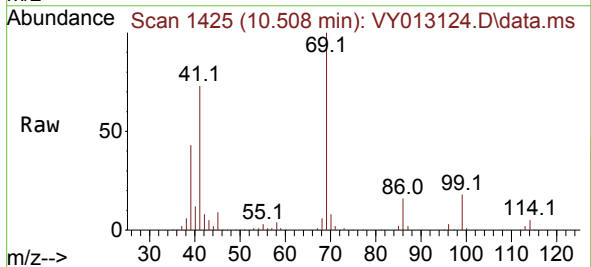
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

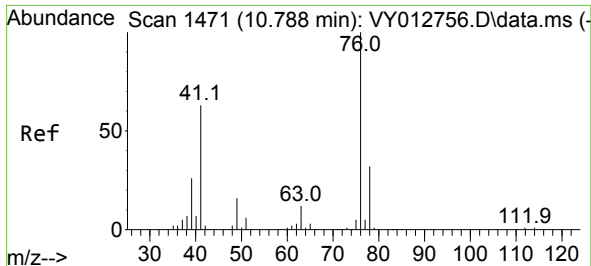
Tgt Ion: 97	Resp: 41186
Ion Ratio	Lower Upper
97 100	
83 90.1	69.0 103.6
85 57.7	44.9 67.3
99 63.1	50.8 76.2



#56
Ethyl methacrylate
Concen: 52.605 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 69	Resp: 55891
Ion Ratio	Lower Upper
69 100	
41 73.4	56.4 84.6
39 39.1	30.8 46.2





#57

1,3-Dichloropropane

Concen: 53.930 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

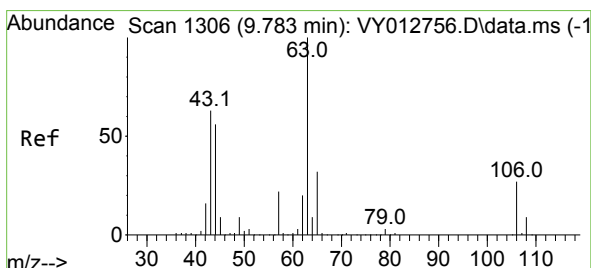
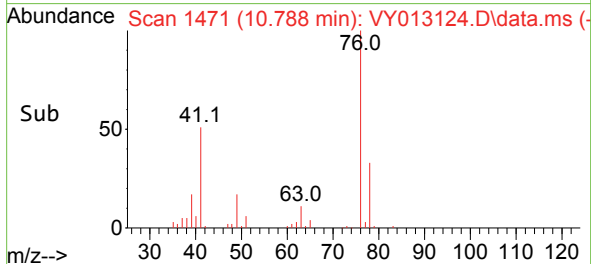
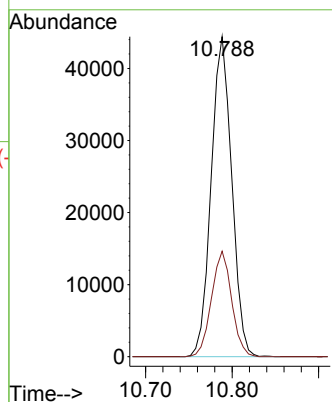
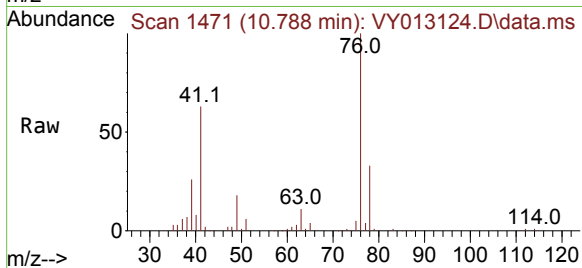
VSTDCCC050EC

Tgt Ion: 76 Resp: 73192

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.482 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013124.D

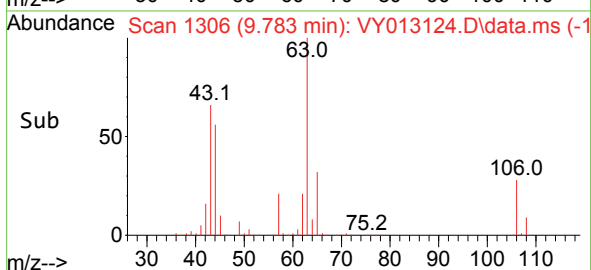
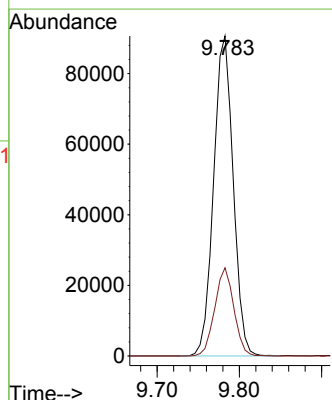
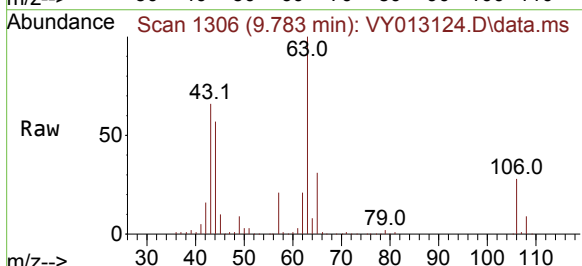
Acq: 28 Mar 2023 18:07

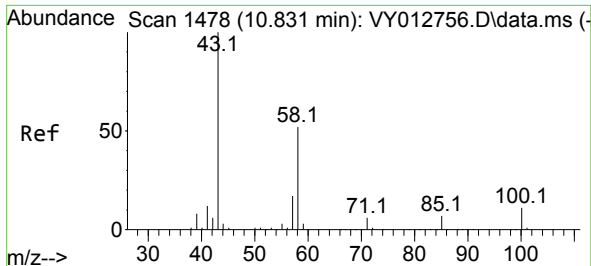
Tgt Ion: 63 Resp: 149746

Ion Ratio Lower Upper

63 100

106 26.9 22.1 33.1





#59

2-Hexanone

Concen: 259.786 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

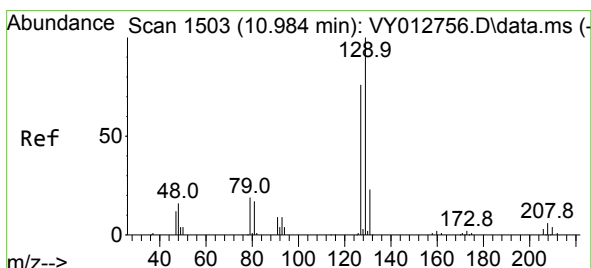
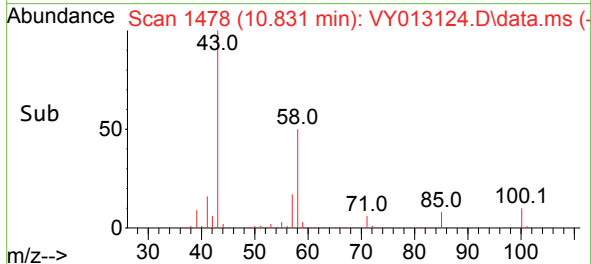
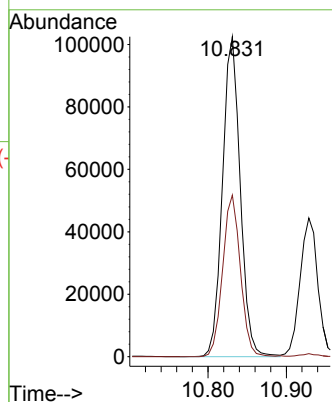
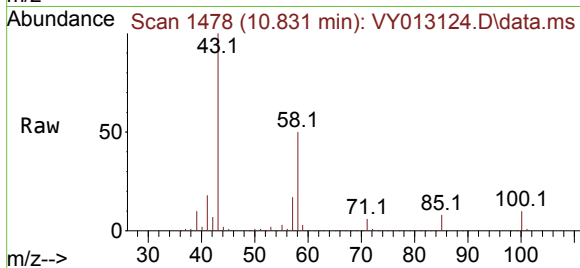
VSTDCCC050EC

Tgt Ion: 43 Resp: 161792

Ion Ratio Lower Upper

43 100

58 50.4 25.9 77.8



#60

Dibromochloromethane

Concen: 53.695 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013124.D

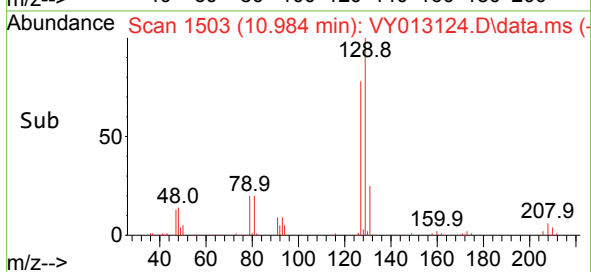
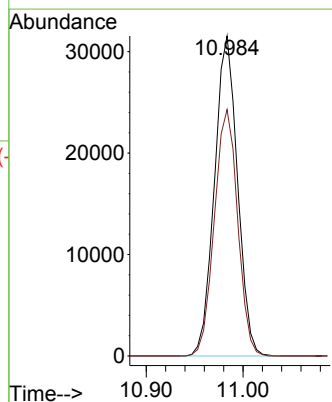
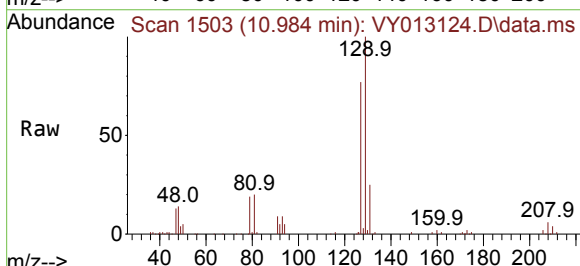
Acq: 28 Mar 2023 18:07

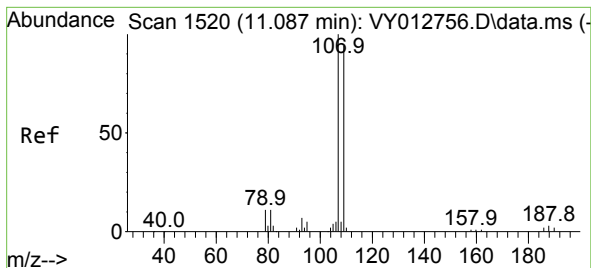
Tgt Ion: 129 Resp: 52081

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.740 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

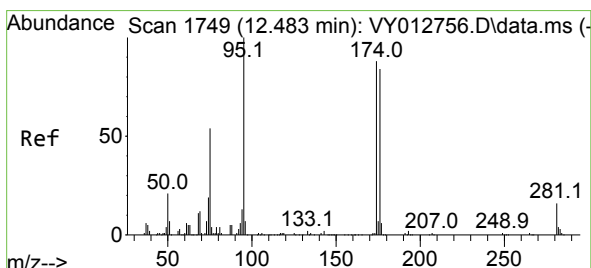
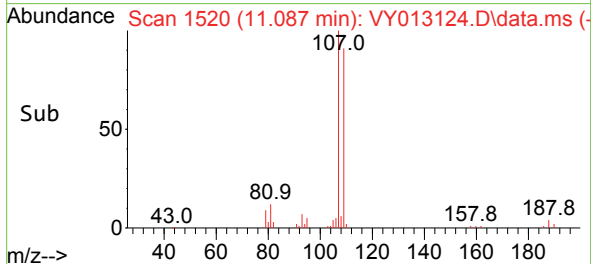
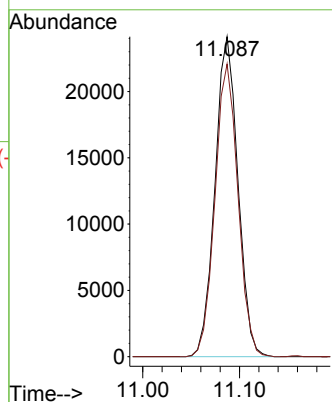
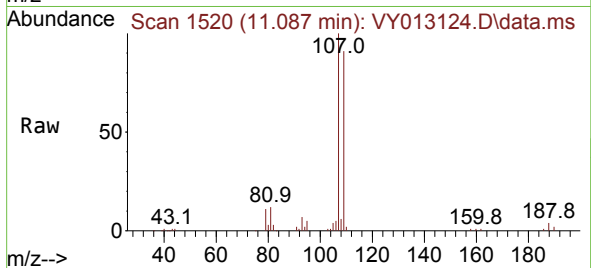
VSTDCCC050EC

Tgt Ion:107 Resp: 39714

Ion Ratio Lower Upper

107 100

109 91.7 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 54.006 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

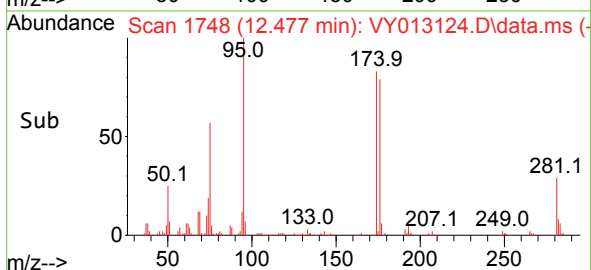
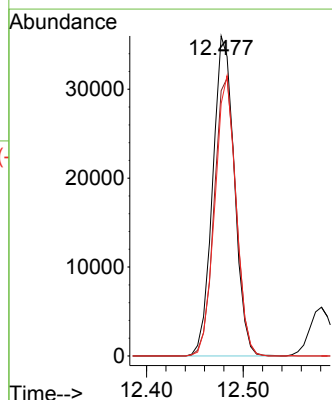
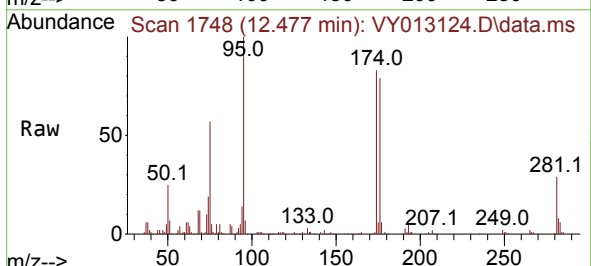
Tgt Ion: 95 Resp: 55865

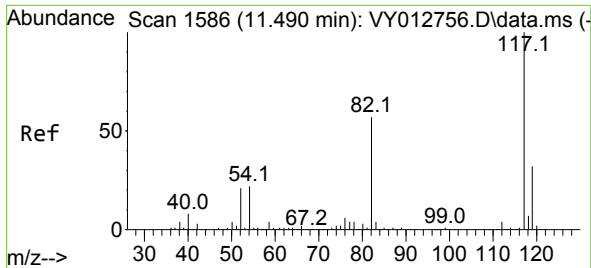
Ion Ratio Lower Upper

95 100

174 87.6 0.0 176.6

176 85.5 0.0 170.2

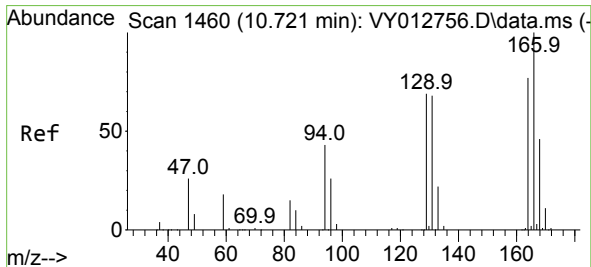
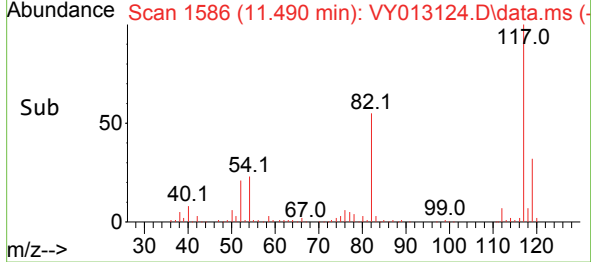
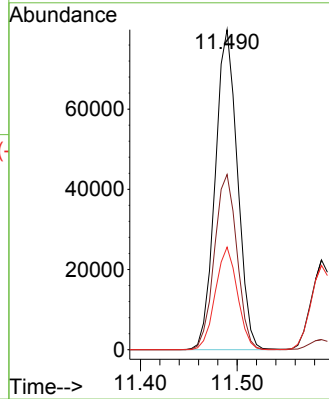
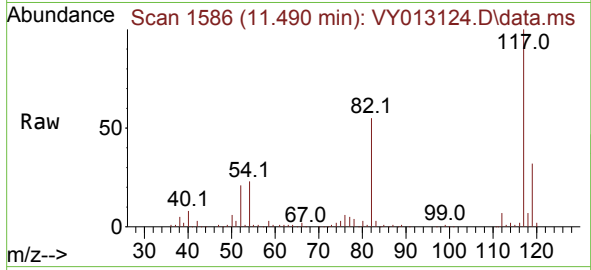




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

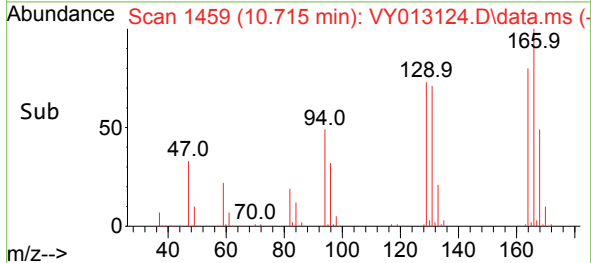
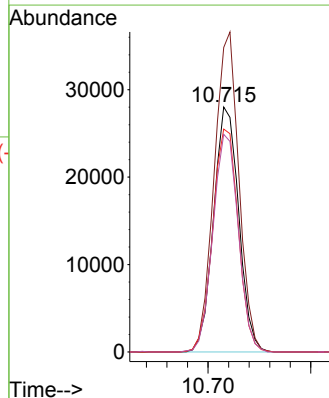
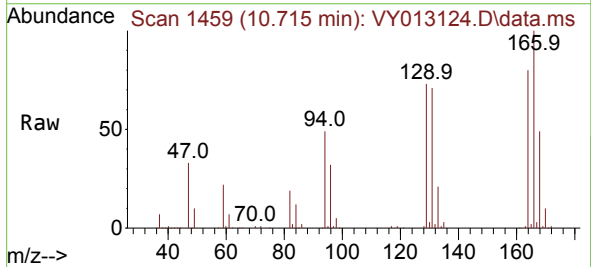
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

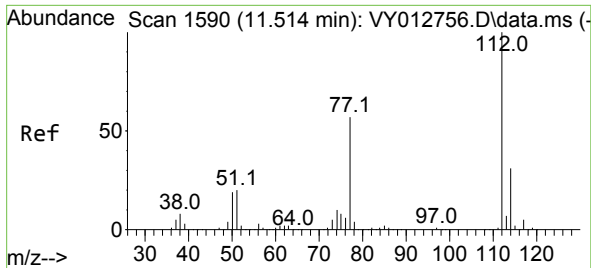
Tgt Ion:117 Resp: 127268
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 51.355 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:164 Resp: 47586
Ion Ratio Lower Upper
164 100
166 124.3 103.4 155.2
129 91.0 71.4 107.2
131 88.9 69.9 104.9

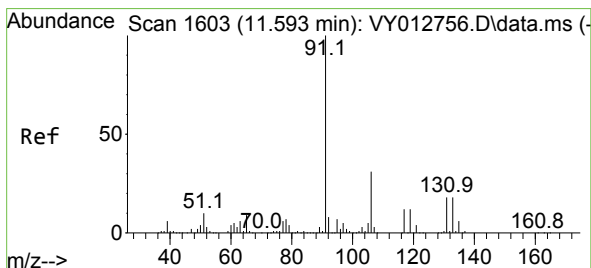
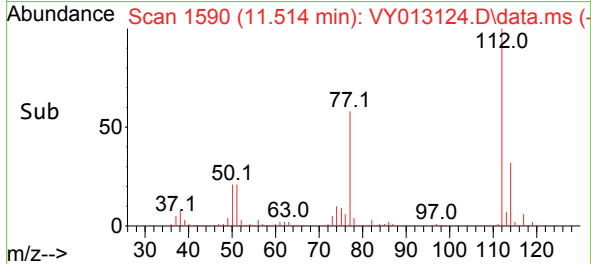
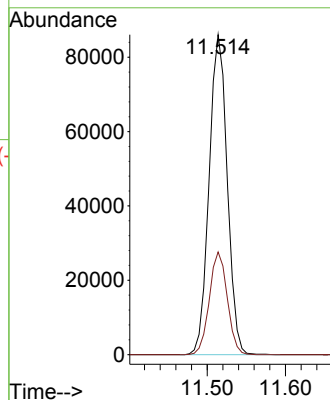
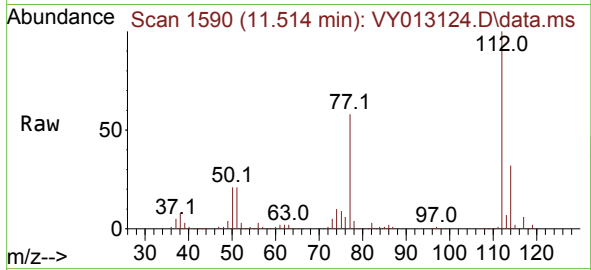




#65
Chlorobenzene
Concen: 51.718 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

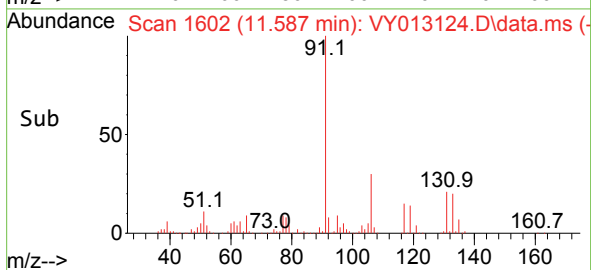
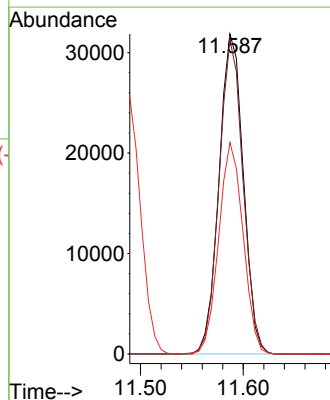
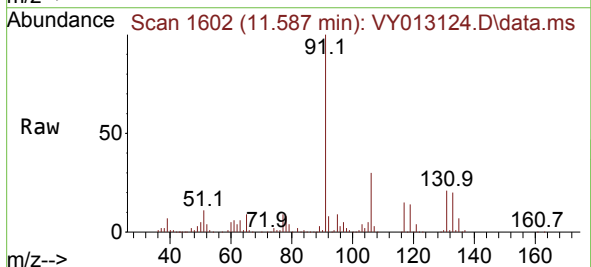
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

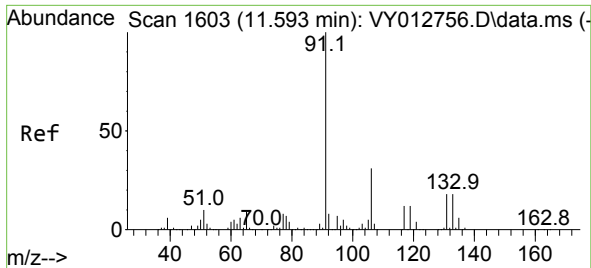
Tgt Ion:112 Resp: 138142
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.755 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:131 Resp: 52141
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 66.5 32.6 98.0

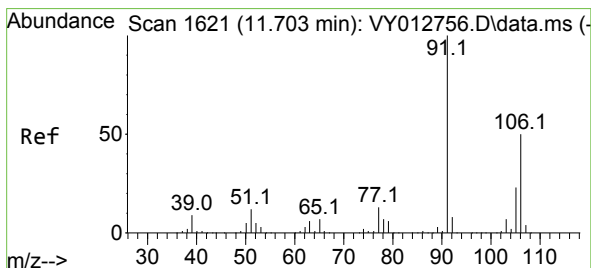
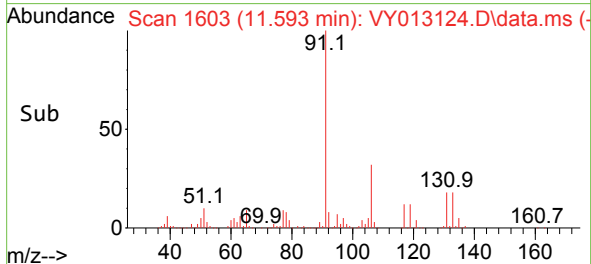
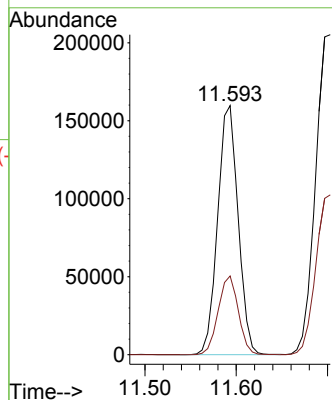
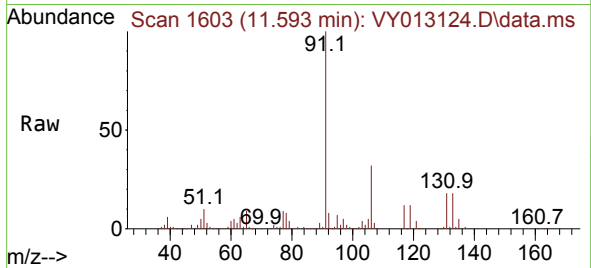




#67
Ethyl Benzene
Concen: 52.919 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

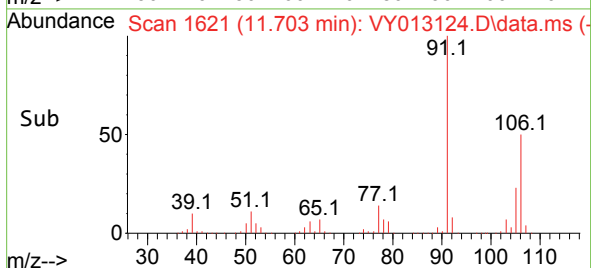
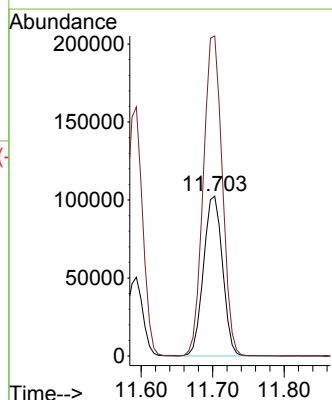
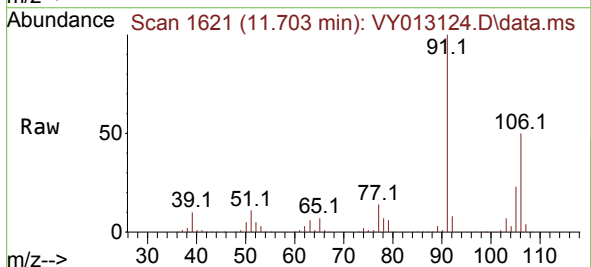
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

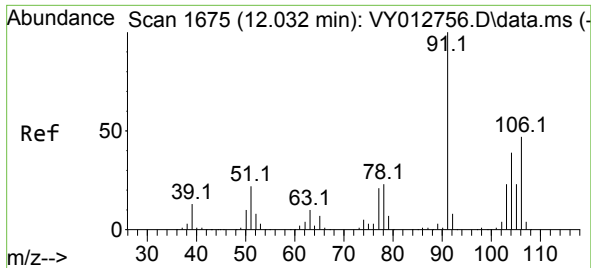
Tgt Ion: 91 Resp: 248511
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 104.896 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:106 Resp: 189502
Ion Ratio Lower Upper
106 100
91 199.9 159.8 239.8

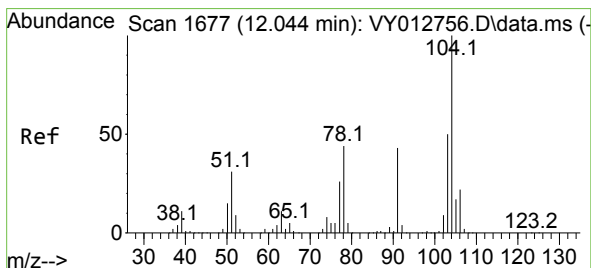
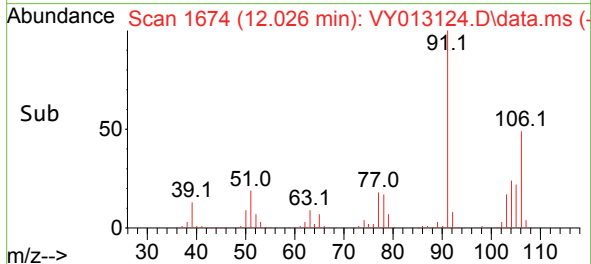
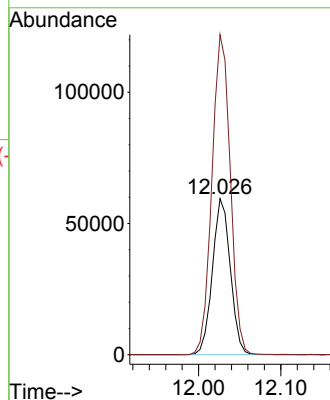
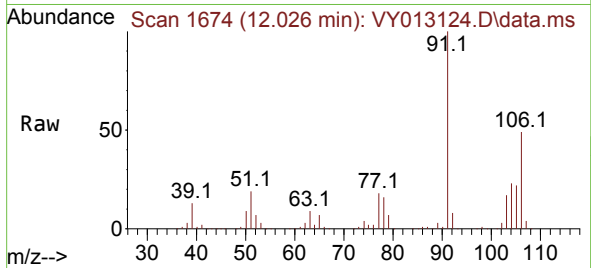




#69
o-Xylene
Concen: 53.255 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

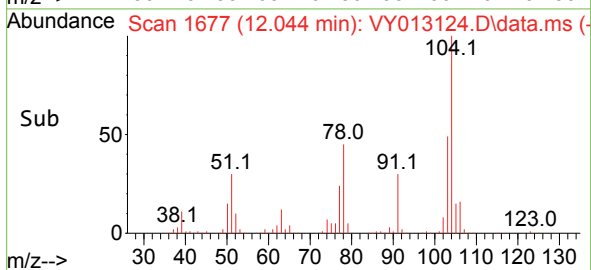
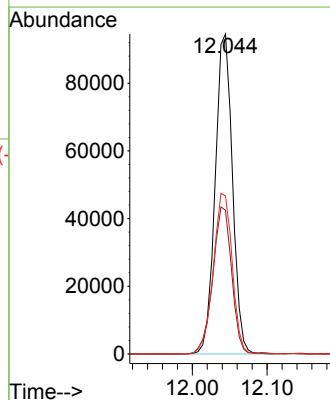
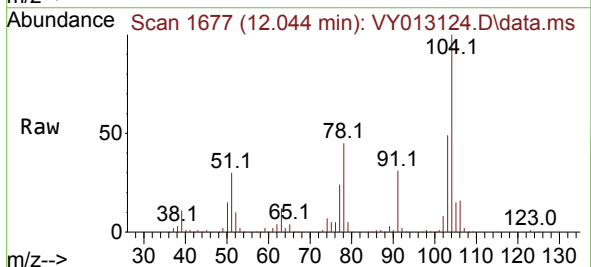
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 89791
Ion Ratio Lower Upper
106 100
91 210.9 107.2 321.6



#70
Styrene
Concen: 53.972 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:104 Resp: 151859
Ion Ratio Lower Upper
104 100
78 50.1 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 53.521 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

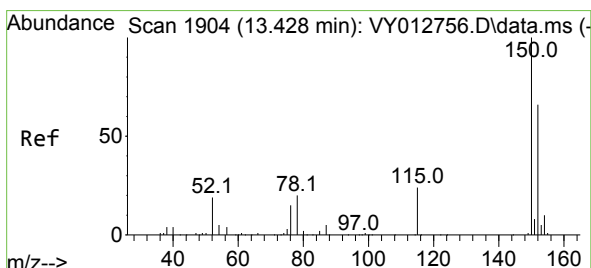
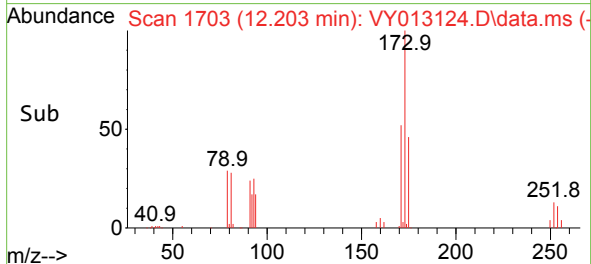
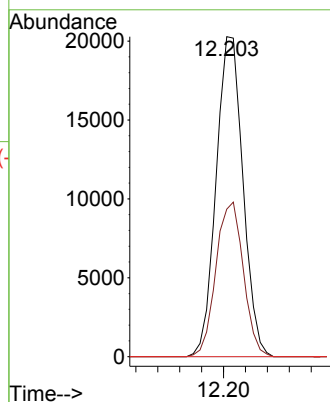
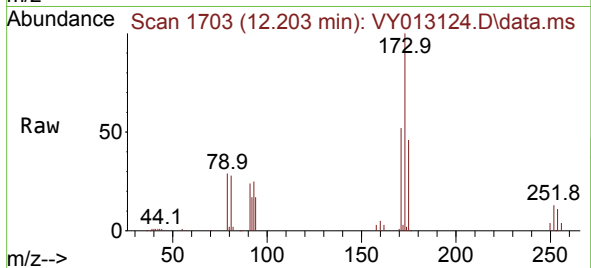
Tgt Ion:173 Resp: 34490

Ion Ratio Lower Upper

173 100

175 49.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

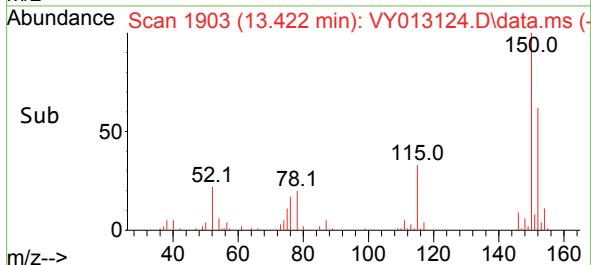
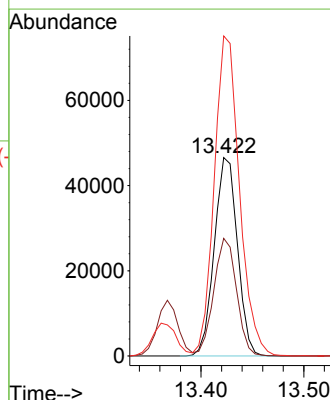
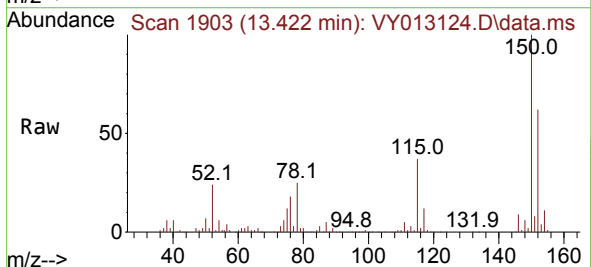
Tgt Ion:152 Resp: 72619

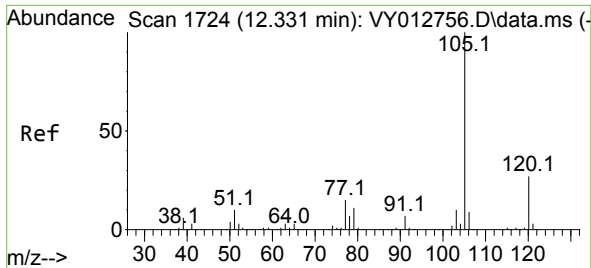
Ion Ratio Lower Upper

152 100

115 58.6 27.1 81.3

150 175.8 0.0 347.8

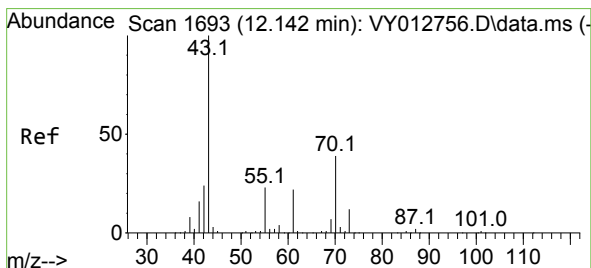
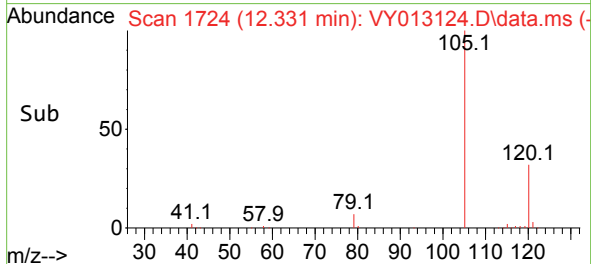
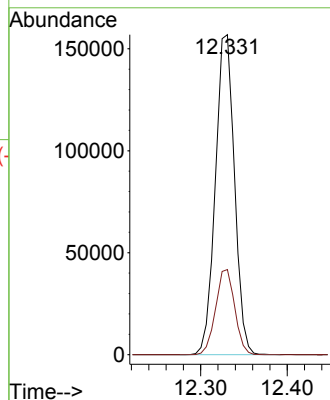
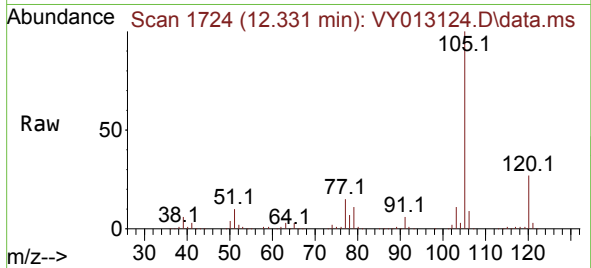




#73
Isopropylbenzene
Concen: 46.745 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

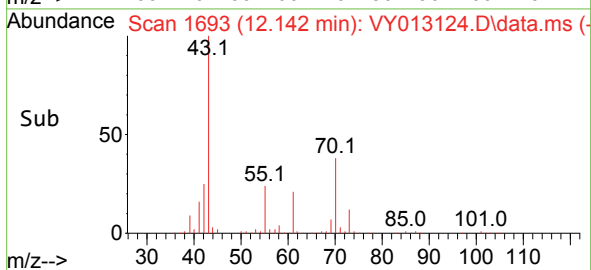
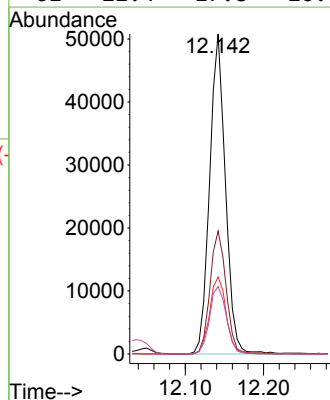
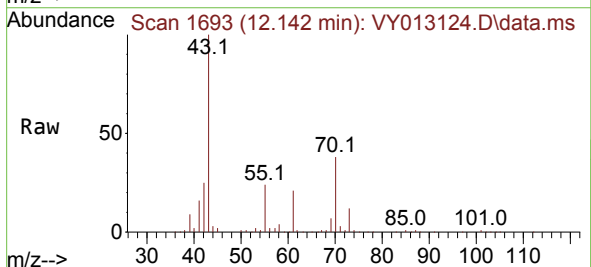
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

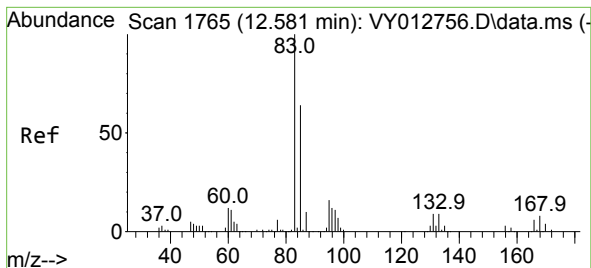
Tgt Ion:105 Resp: 240576
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 43.963 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 43 Resp: 71190
Ion Ratio Lower Upper
43 100
70 39.0 31.6 47.4
55 25.3 18.8 28.2
61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.327 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

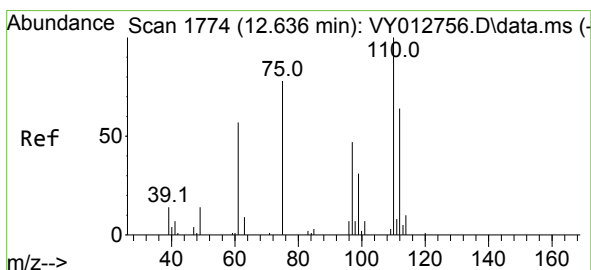
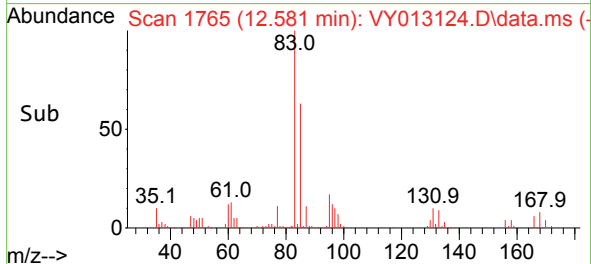
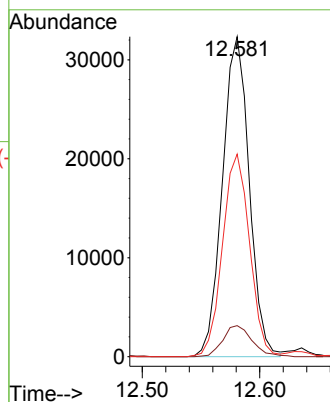
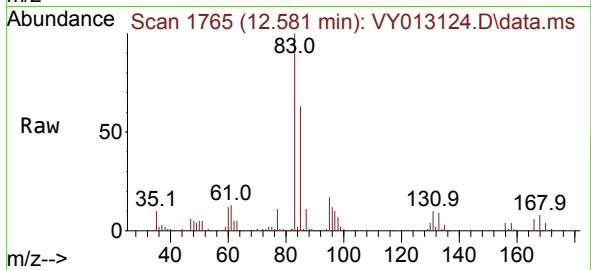
Tgt Ion: 83 Resp: 51282

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 76.172 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013124.D

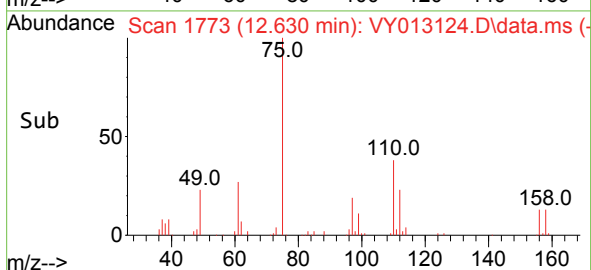
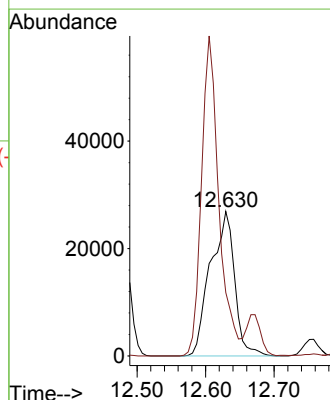
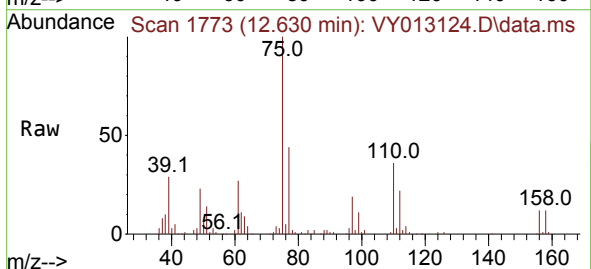
Acq: 28 Mar 2023 18:07

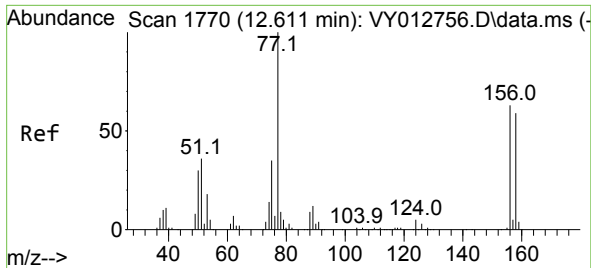
Tgt Ion: 75 Resp: 66055

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

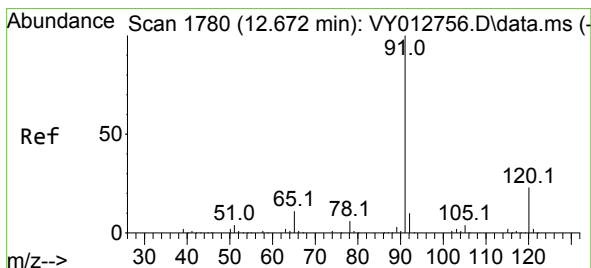
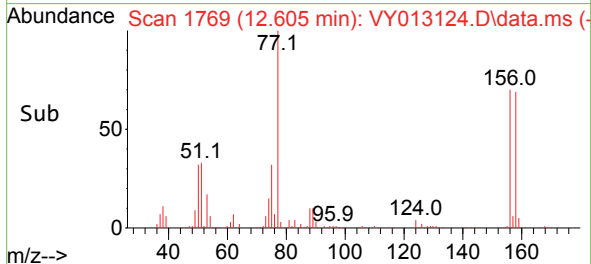
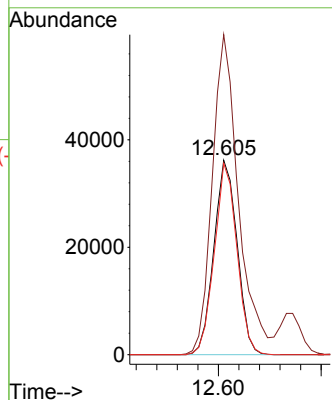
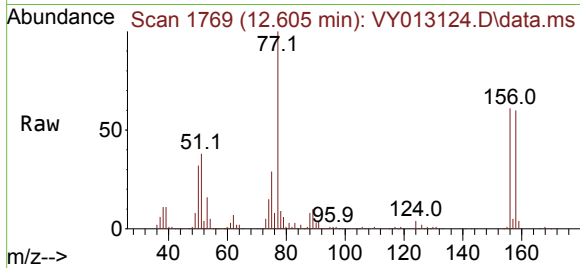




#77
Bromobenzene
Concen: 45.439 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

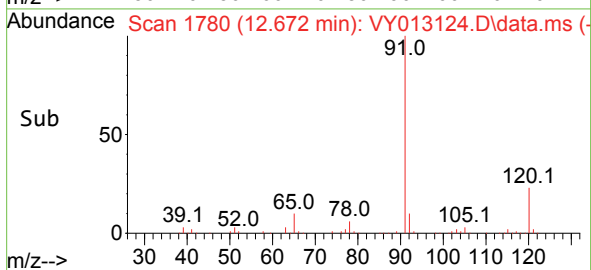
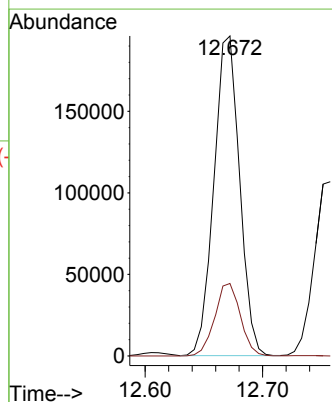
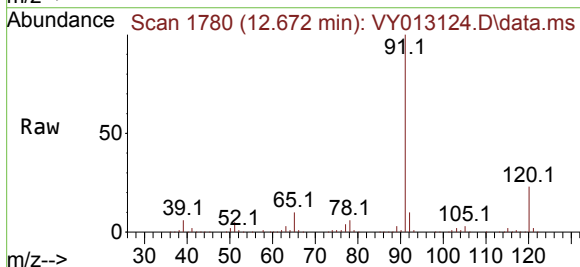
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

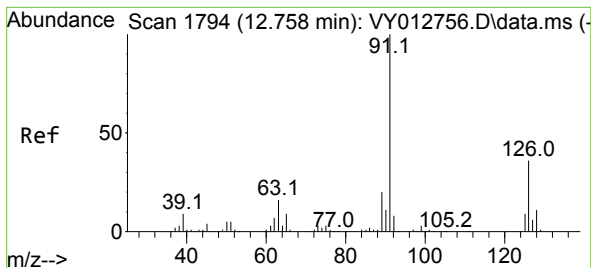
Tgt Ion:156 Resp: 56811
Ion Ratio Lower Upper
156 100
77 184.6 94.0 282.1
158 95.3 48.1 144.4



#78
n-propylbenzene
Concen: 46.927 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 91 Resp: 297757
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8

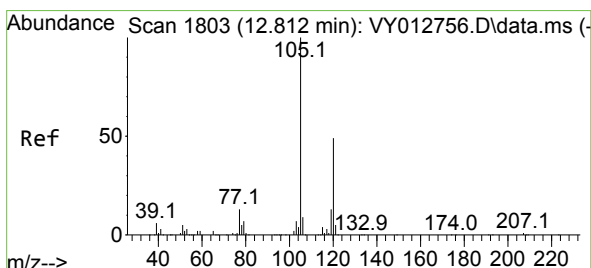
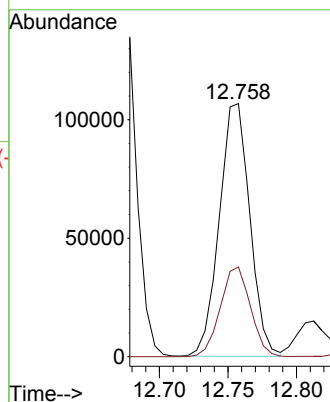
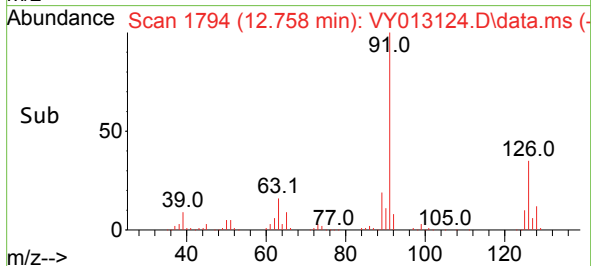
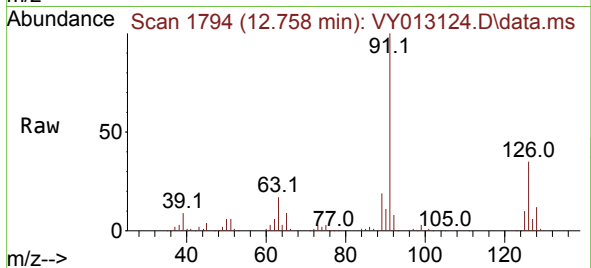




#79
2-Chlorotoluene
Concen: 46.944 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

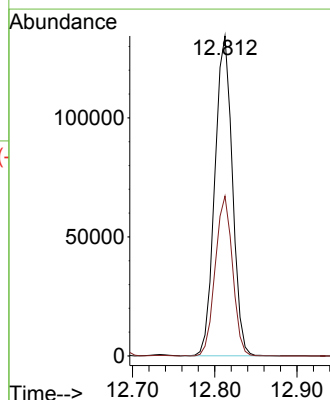
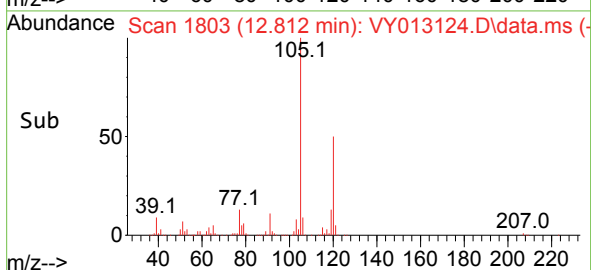
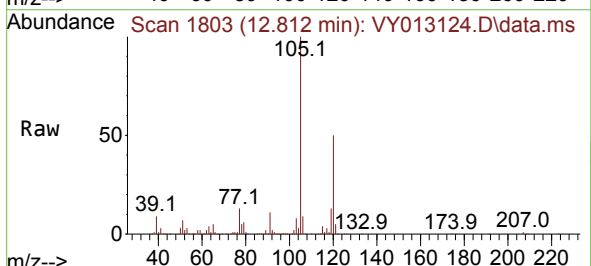
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 165548
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 46.869 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:105 Resp: 199065
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4

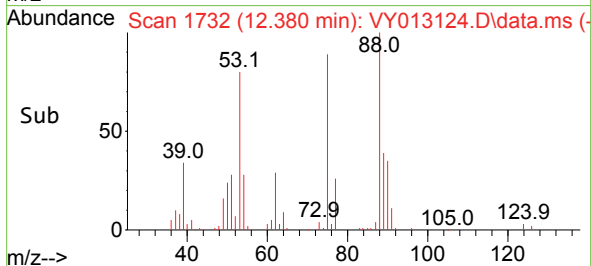
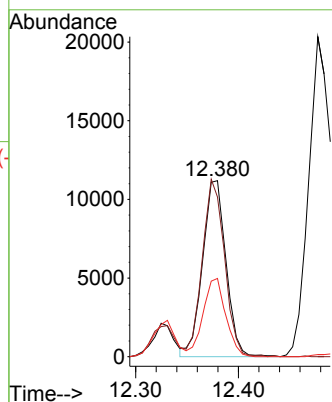
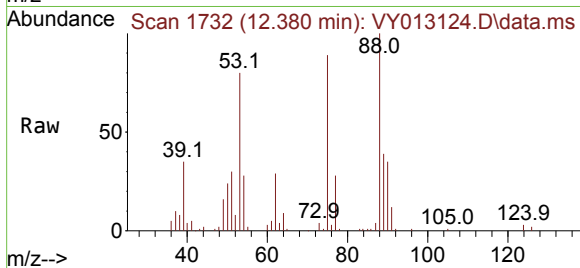




#81
trans-1,4-Dichloro-2-butene
Concen: 42.483 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

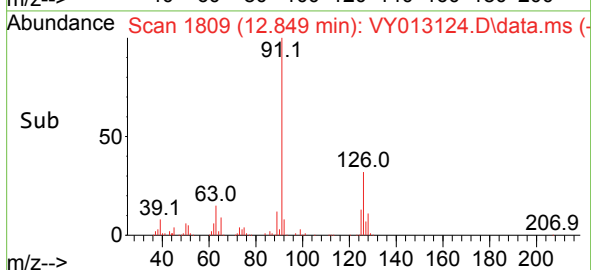
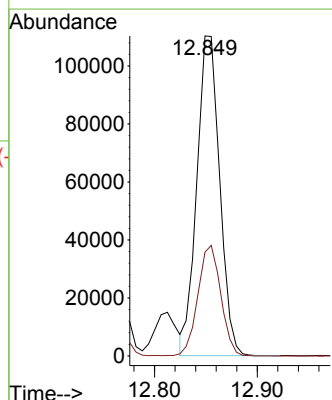
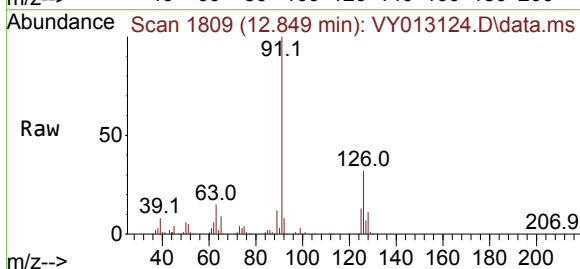
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

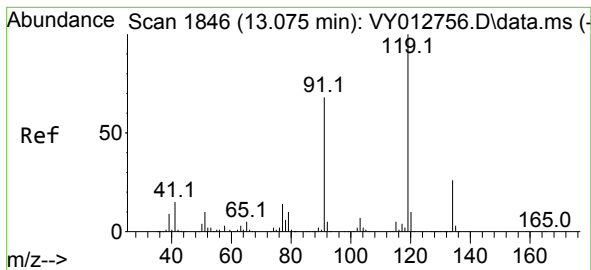
Tgt Ion: 75 Resp: 17780
Ion Ratio Lower Upper
75 100
53 95.4 73.4 110.0
89 43.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 46.794 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 91 Resp: 170821
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1

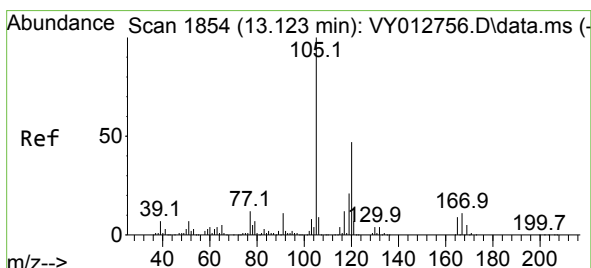
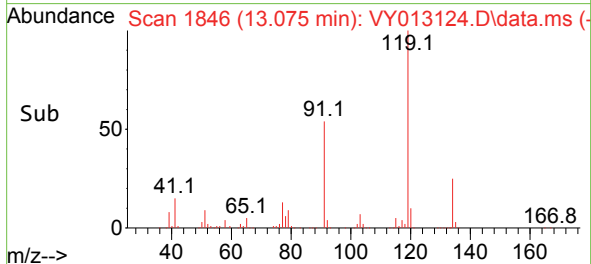
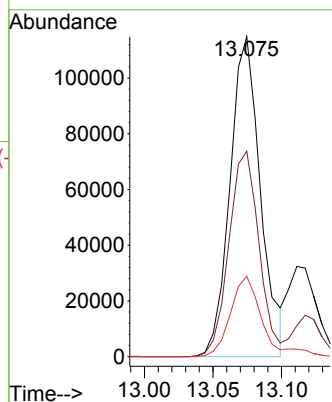
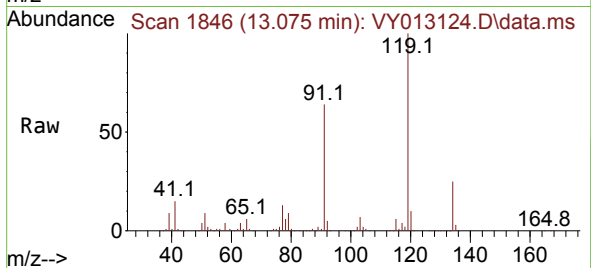




#83
tert-Butylbenzene
Concen: 48.550 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

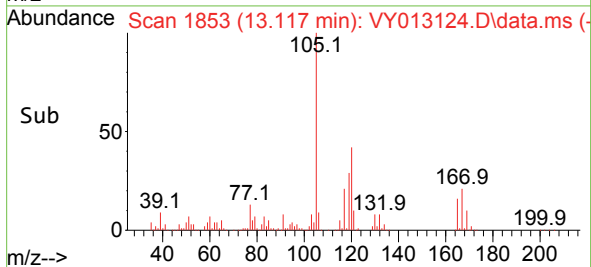
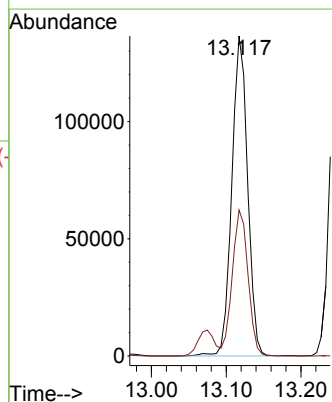
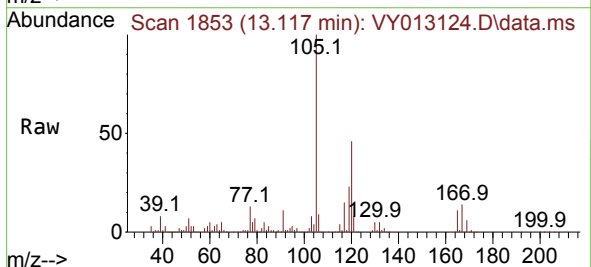
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

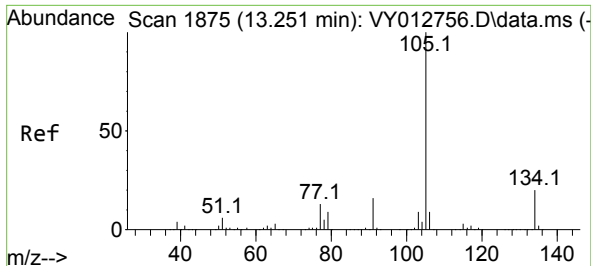
Tgt Ion:119 Resp: 177981
Ion Ratio Lower Upper
119 100
91 63.4 32.8 98.3
134 26.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 48.194 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion:105 Resp: 200159
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0

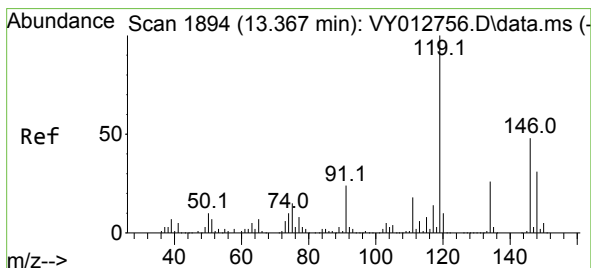
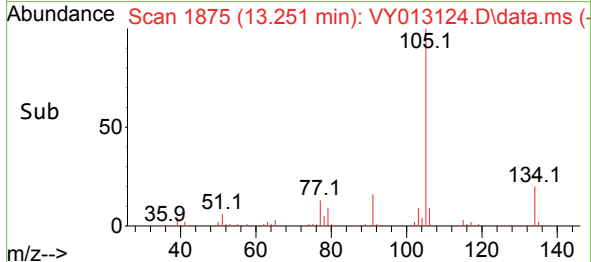
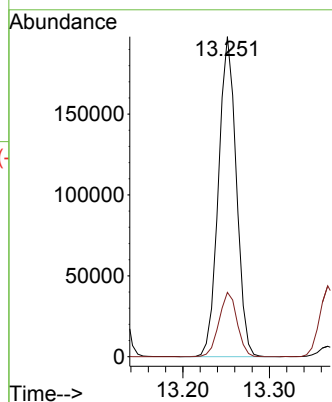
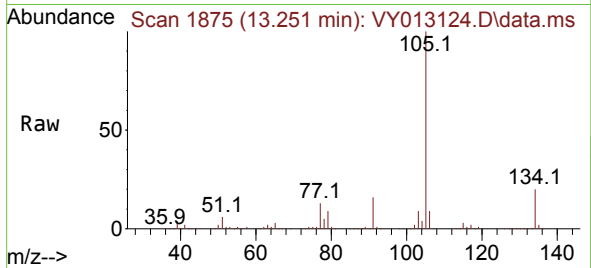




#85
 sec-Butylbenzene
 Concen: 50.658 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

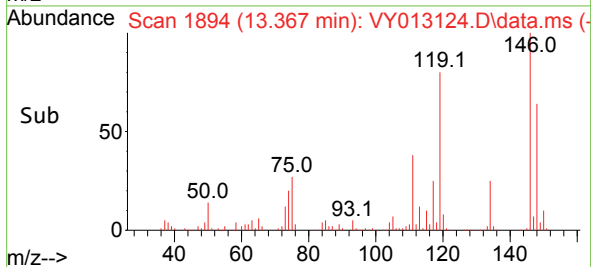
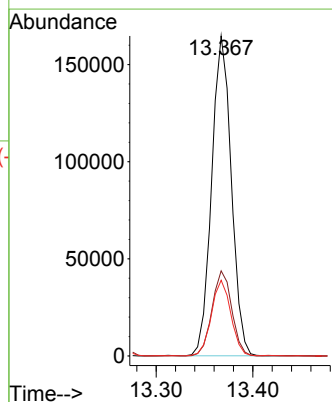
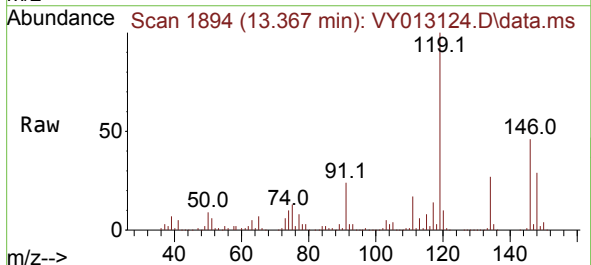
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

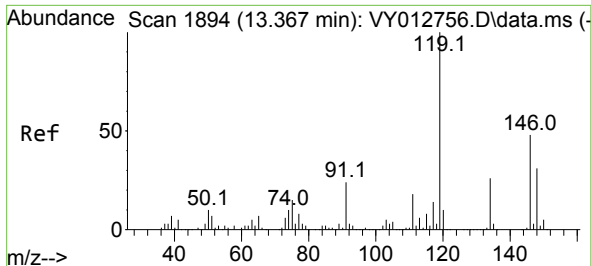
Tgt Ion:105 Resp: 283310
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.830 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013124.D
 Acq: 28 Mar 2023 18:07

Tgt Ion:119 Resp: 232330
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.736 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

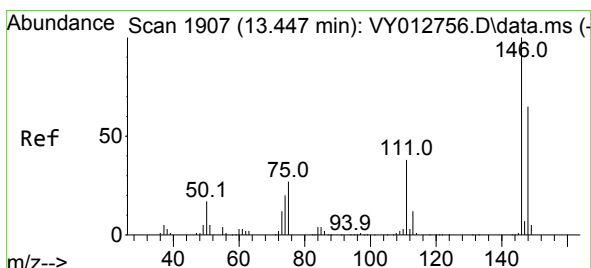
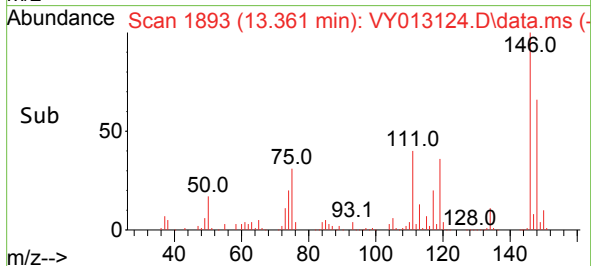
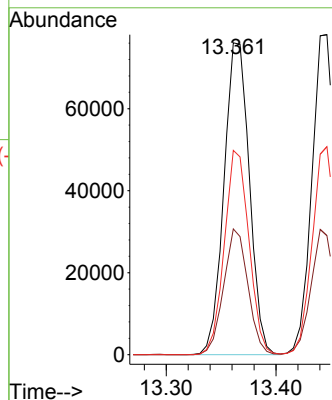
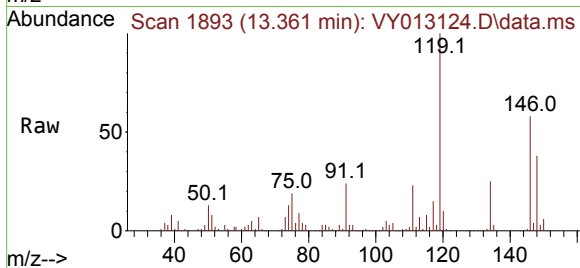
Tgt Ion:146 Resp: 122342

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.873 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

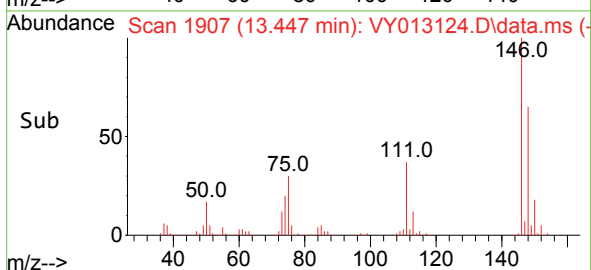
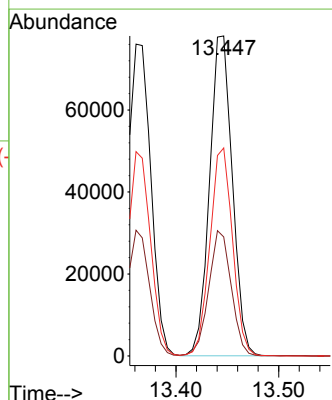
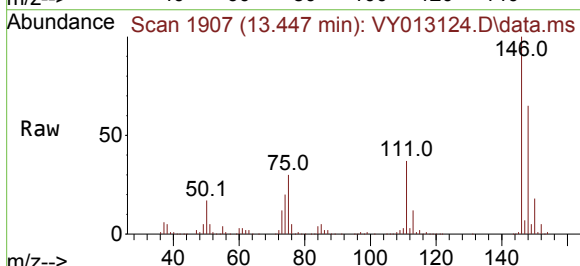
Tgt Ion:146 Resp: 120278

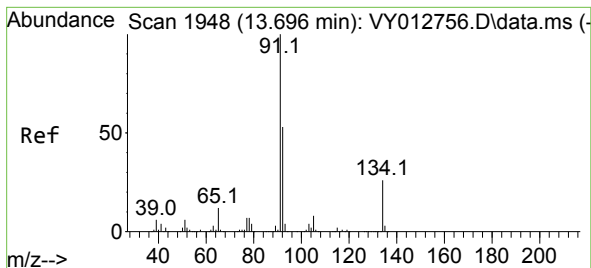
Ion Ratio Lower Upper

146 100

111 38.7 18.6 55.8

148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 50.112 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

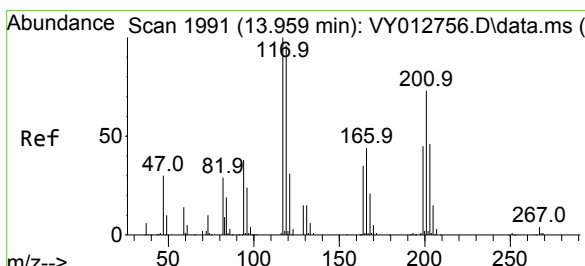
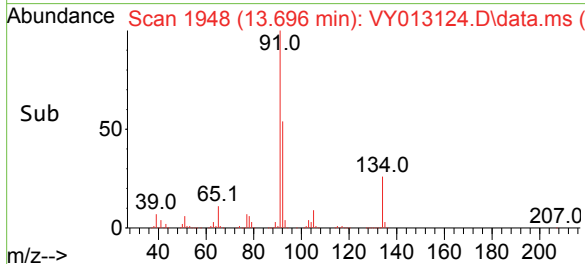
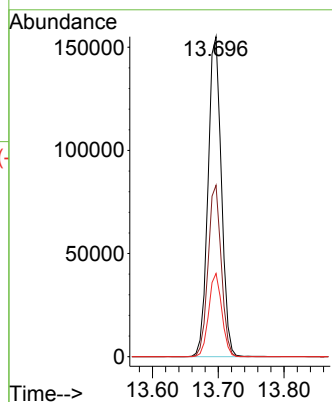
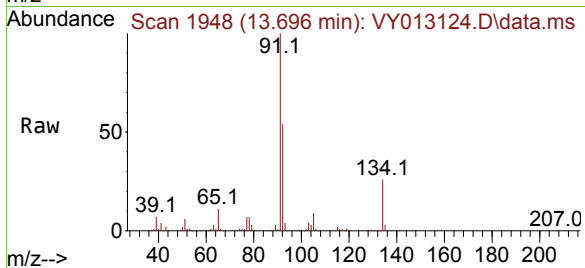
Tgt Ion: 91 Resp: 219272

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 48.926 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013124.D

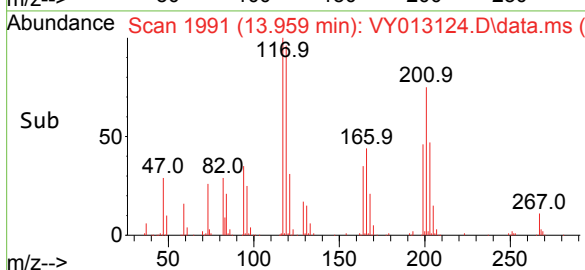
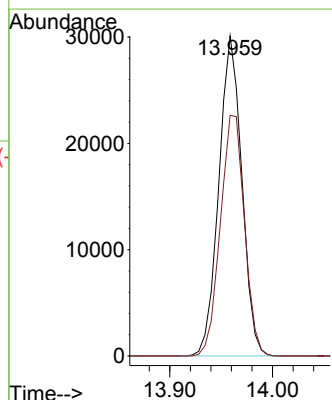
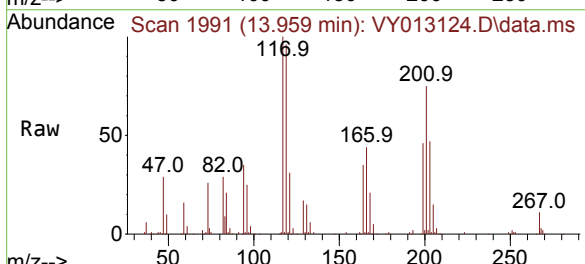
Acq: 28 Mar 2023 18:07

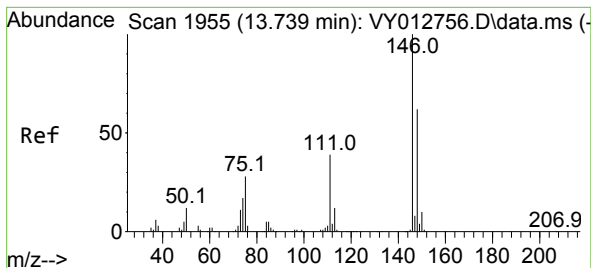
Tgt Ion: 117 Resp: 46577

Ion Ratio Lower Upper

117 100

201 79.1 39.4 118.1

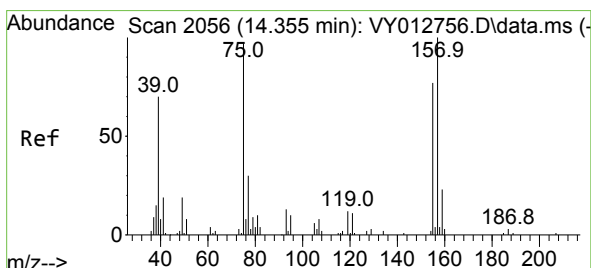
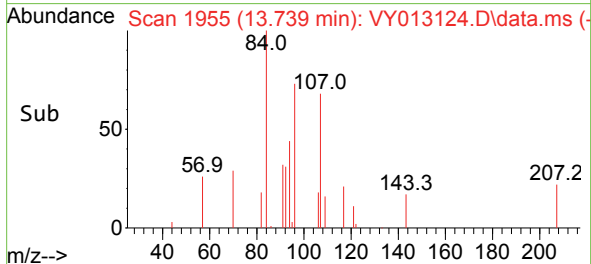
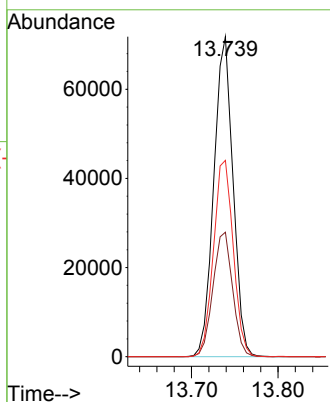
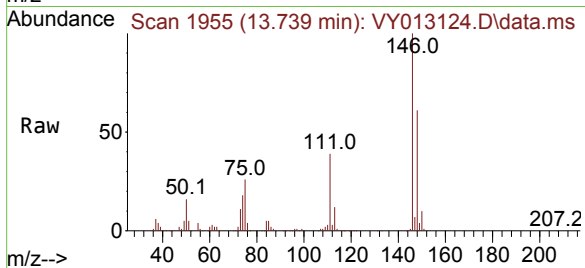




#91
1,2-Dichlorobenzene
Concen: 50.653 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

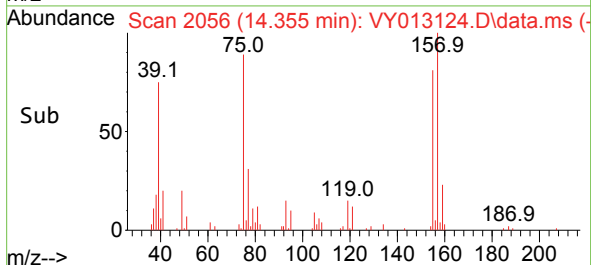
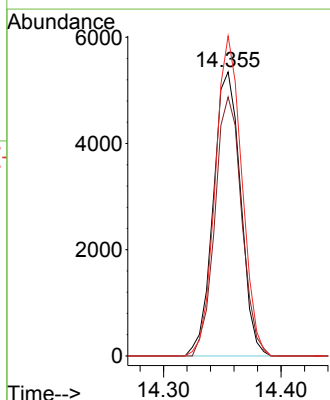
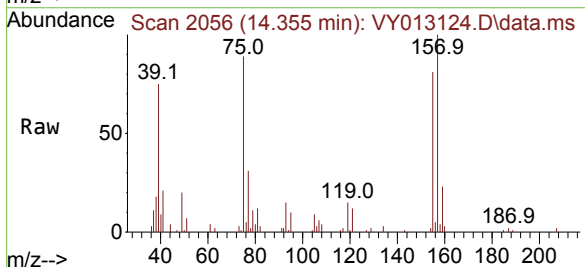
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

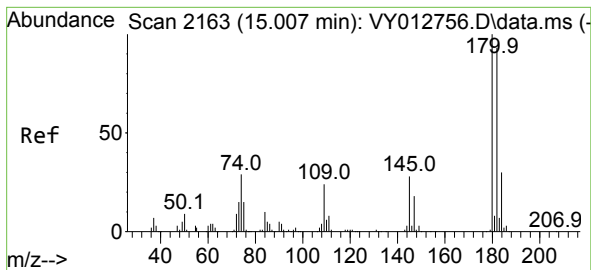
Tgt Ion:146 Resp: 110413
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.1
148 63.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.049 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013124.D
Acq: 28 Mar 2023 18:07

Tgt Ion: 75 Resp: 8610
Ion Ratio Lower Upper
75 100
155 89.7 43.8 131.4
157 109.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 46.847 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

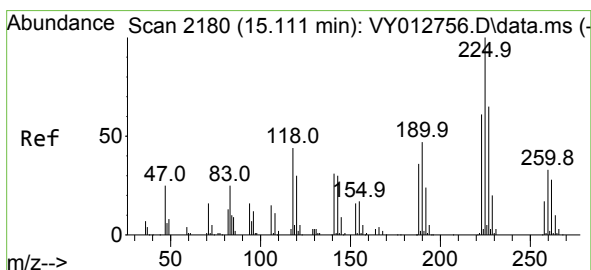
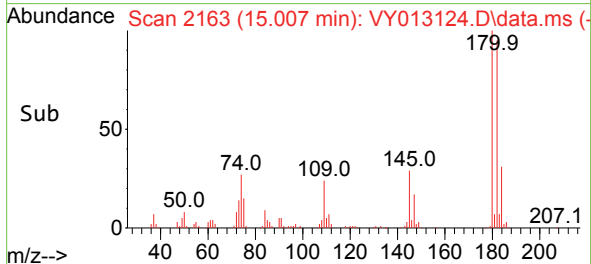
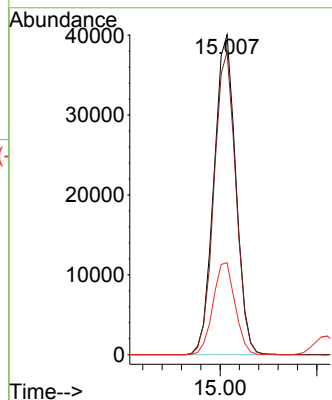
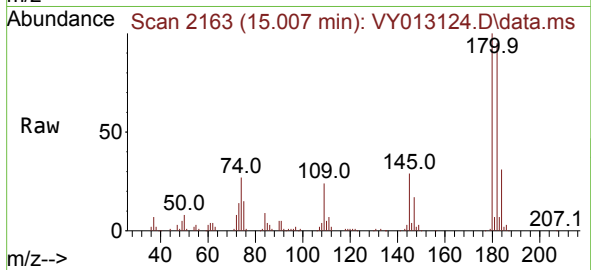
Tgt Ion:180 Resp: 62873

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.284 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

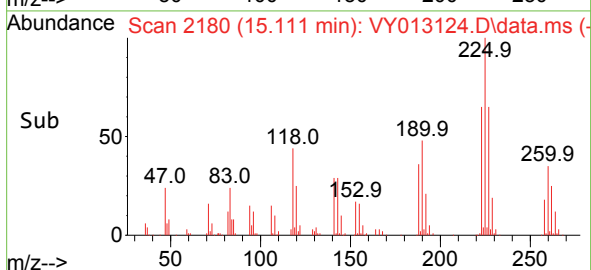
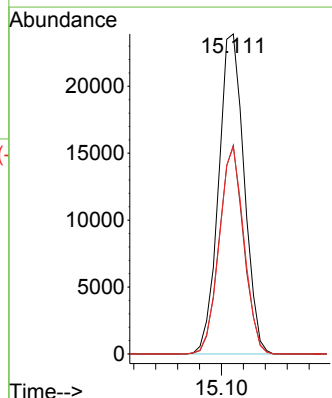
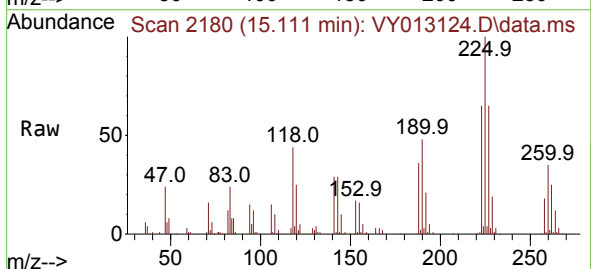
Tgt Ion:225 Resp: 38706

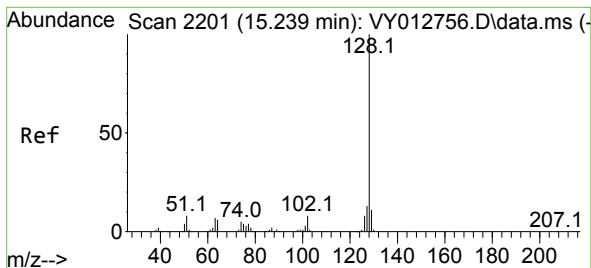
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.3

227 62.5 32.4 97.0





#95

Naphthalene

Concen: 45.931 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

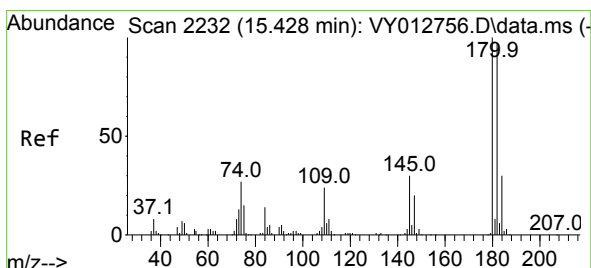
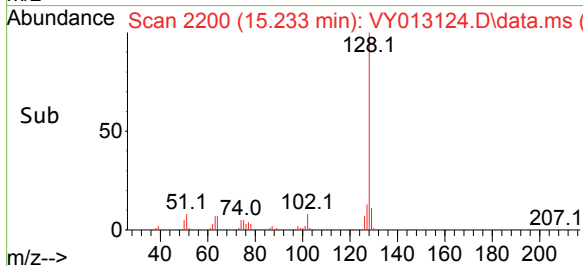
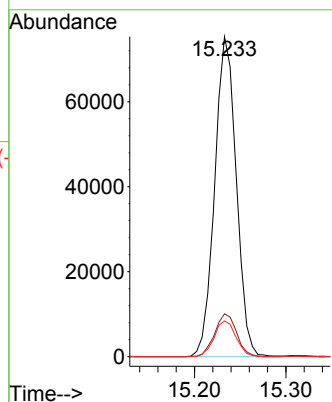
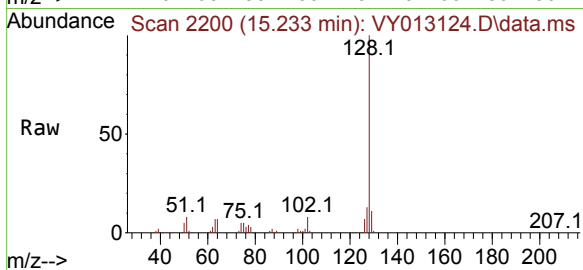
Tgt Ion:128 Resp: 123529

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.312 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013124.D

Acq: 28 Mar 2023 18:07

Tgt Ion:180 Resp: 55279

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.3

145 31.7 15.3 45.8

