

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013090.D
 Acq On : 27 Mar 2023 14:34
 Operator : KP/MD
 Sample : 02073-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1715

Quant Time: Mar 28 01:43:06 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	18875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	22909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14814	79.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.100%	
35) Dibromofluoromethane	7.716	113	11792	61.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.360%	
50) Toluene-d8	10.179	98	31891	45.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.260%	
62) 4-Bromofluorobenzene	12.483	95	8424	35.707	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.420%	

Target Compounds			Qvalue			
3) Chloromethane	2.107	50	259	1.165	ug/l	92
11) Tert butyl alcohol	4.936	59	5134	237.181	ug/l #	87
13) Acrolein	3.735	56	301	9.168	ug/l #	14
14) Allyl chloride	4.405	41	1465	4.080	ug/l #	47
15) Acrylonitrile	5.174	53	260	4.157	ug/l #	43
16) Acetone	3.942	43	12195403	165794.005	ug/l	99
18) Methyl Acetate	4.473	43	904	4.127	ug/l #	68
19) Methyl tert-butyl Ether	5.222	73	2676	5.330	ug/l	97
20) Methylene Chloride	4.704	84	3744	12.668	ug/l	95
25) 2-Butanone	6.978	43	9737	106.874	ug/l	95
29) Tetrahydrofuran	7.356	42	924	16.816	ug/l #	84
31) Cyclohexane	7.765	56	62529	174.218	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	1433	4.473	ug/l #	43
37) Ethyl Acetate	6.978	43	9737	48.217	ug/l #	71
38) Carbon Tetrachloride	7.795	117	1809	5.467	ug/l #	12
39) Methylcyclohexane	9.179	83	12680	33.288	ug/l	88
40) Benzene	8.155	78	10321	11.388	ug/l	100
41) Methacrylonitrile	7.301	41	274	2.518	ug/l #	100
43) Isopropyl Acetate	8.265	43	31304	86.885	ug/l #	54
47) Bromodichloromethane	9.484	83	342	1.112	ug/l #	25
48) Methyl methacrylate	9.246	41	7983	48.087	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	8308	42.510	ug/l	96
52) Toluene	10.246	92	5553704	10160.651	ug/l	91
53) t-1,3-Dichloropropene	10.246	75	73763	228.690	ug/l #	1
55) 1,1,2-Trichloroethane	10.618	97	279	1.535	ug/l #	33
59) 2-Hexanone	10.831	43	2969	20.903	ug/l	70
67) Ethyl Benzene	11.593	91	4603	5.445	ug/l	96
68) m/p-Xylenes	11.697	106	4686	14.410	ug/l	99
69) o-Xylene	12.026	106	1341	4.418	ug/l	100
73) Isopropylbenzene	12.325	105	994	2.016	ug/l	93
74) N-amyl acetate	12.105	43	1583	10.204	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.593	83	335	3.023	ug/l #	52
76) 1,2,3-Trichloropropane	12.477	75	4209	50.663	ug/l #	100
78) n-propylbenzene	12.666	91	1676	2.757	ug/l	99
79) 2-Chlorotoluene	12.745	91	424	1.255	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	1376	3.382	ug/l	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013090.D
 Acq On : 27 Mar 2023 14:34
 Operator : KP/MD
 Sample : 02073-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1715

Quant Time: Mar 28 01:43:06 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)

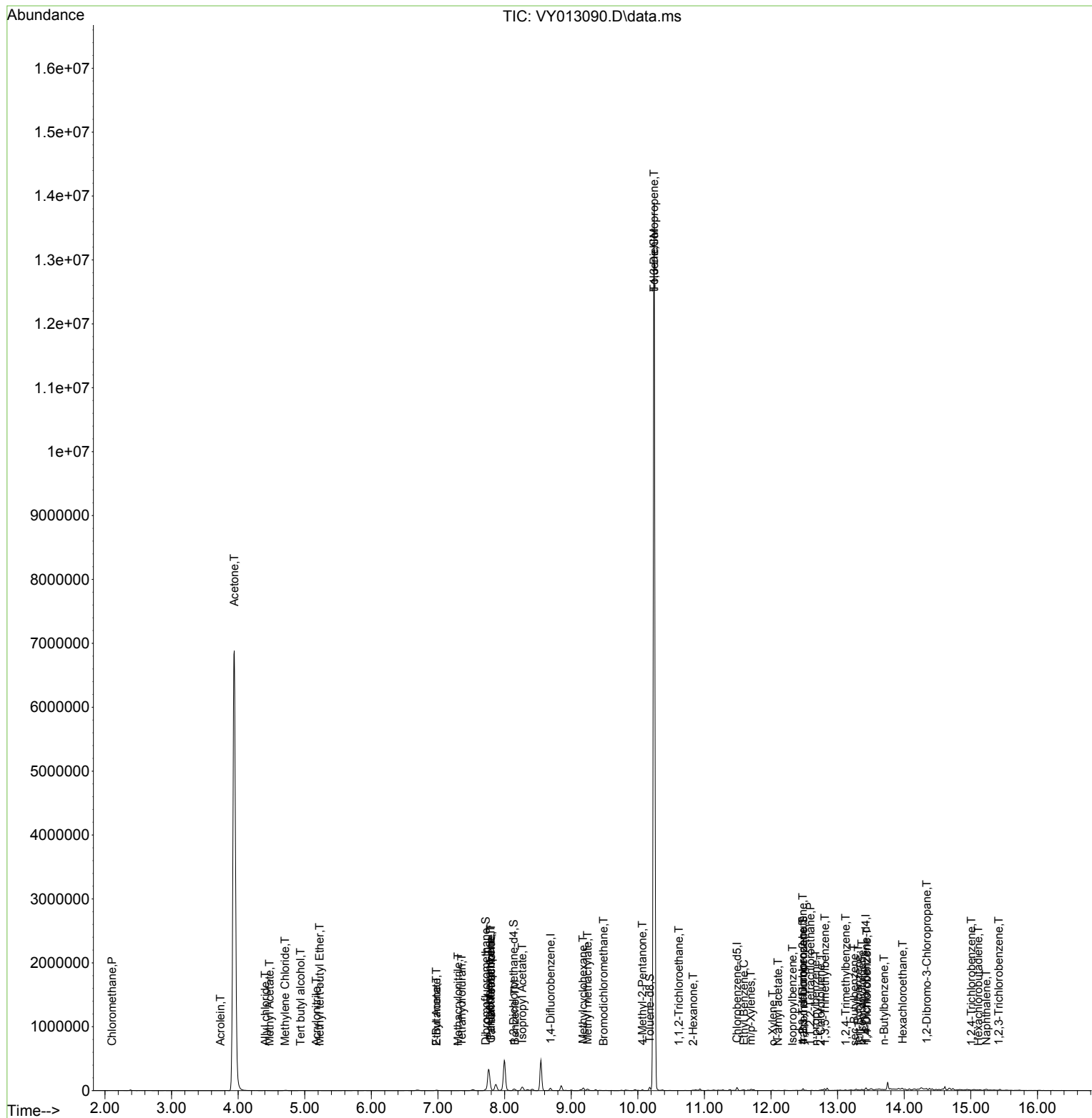
81) trans-1,4-Dichloro-2-b...	12.477	75	4209	104.976	ug/l #	14
83) tert-Butylbenzene	13.312	119	731	2.081	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	5037	12.660	ug/l	95
85) sec-Butylbenzene	13.251	105	918	1.713	ug/l	90
86) p-Isopropyltoluene	13.367	119	2460	5.618	ug/l #	84
88) 1,4-Dichlorobenzene	13.440	146	303	1.285	ug/l #	1
89) n-Butylbenzene	13.696	91	2663	6.353	ug/l #	78
90) Hexachloroethane	13.977	117	813	8.914	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.337	75	19	1.061	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.007	180	414	3.220	ug/l #	81
94) Hexachlorobutadiene	15.111	225	105	1.339	ug/l #	35
95) Naphthalene	15.233	128	11546	44.812	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	559	4.888	ug/l #	53

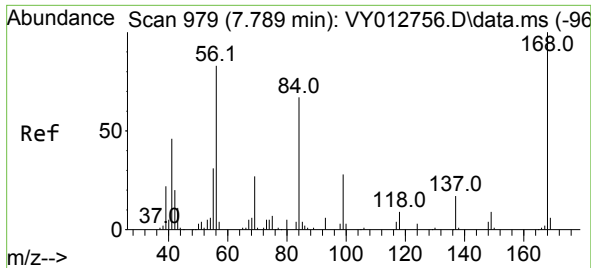
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013090.D
 Acq On : 27 Mar 2023 14:34
 Operator : KP/MD
 Sample : 02073-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1715

Quant Time: Mar 28 01:43:06 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

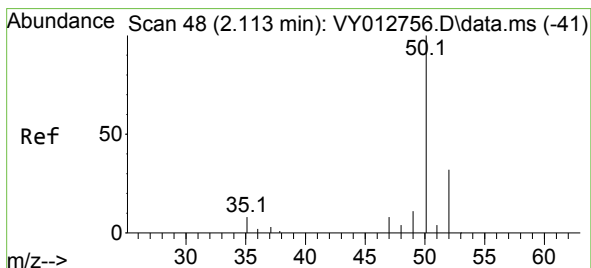
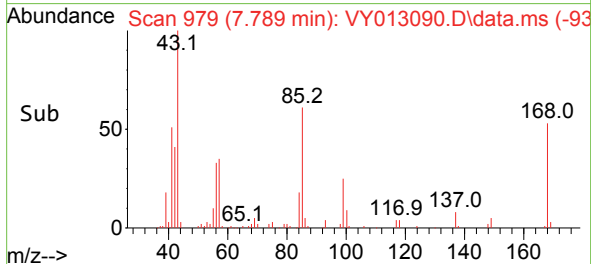
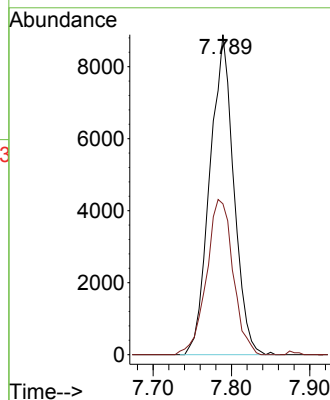
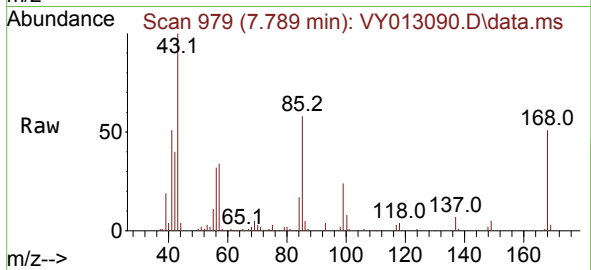




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

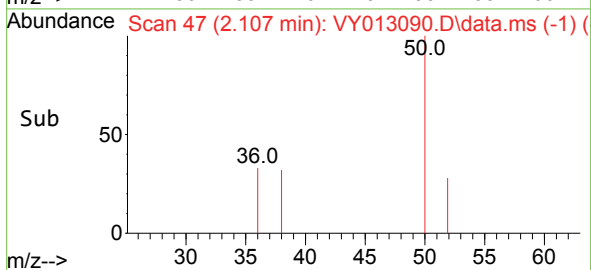
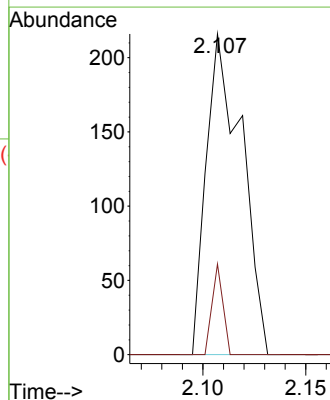
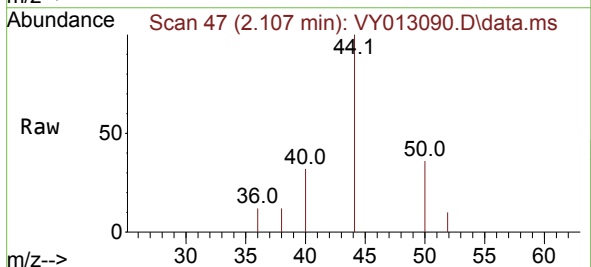
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

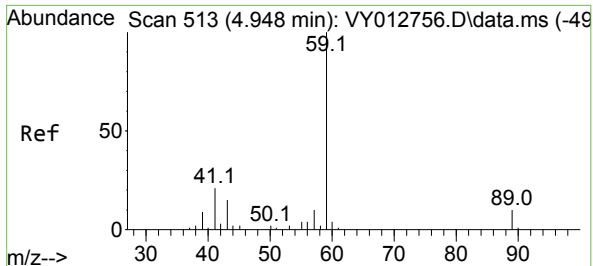
Tgt Ion:168 Resp: 18875
Ion Ratio Lower Upper
168 100
99 47.1 41.7 62.5



#3
Chloromethane
Concen: 1.165 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 28.2 26.0 39.0





#11

Tert butyl alcohol

Concen: 237.181 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

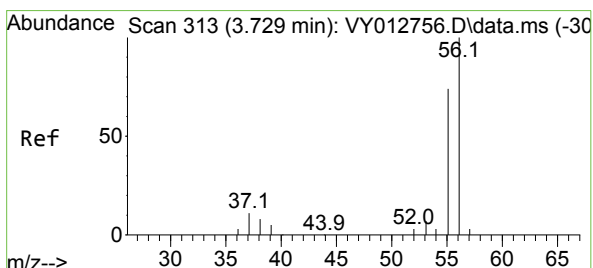
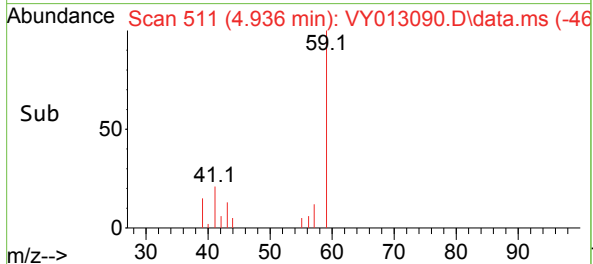
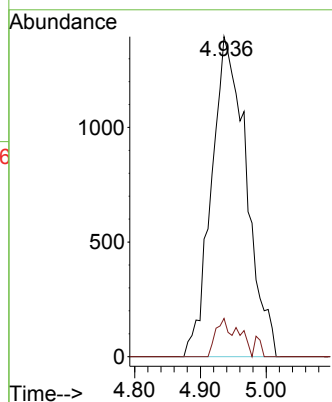
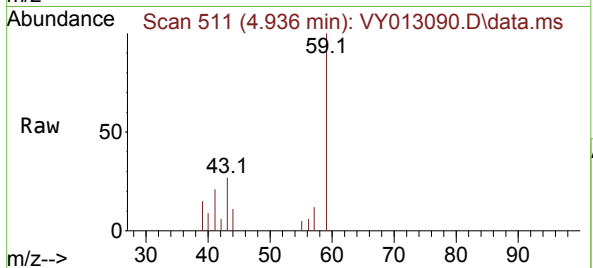
TRE-1715

Tgt Ion: 59 Resp: 5134

Ion Ratio Lower Upper

59 100

57 4.8 7.7 11.5#



#13

Acrolein

Concen: 9.168 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY013090.D

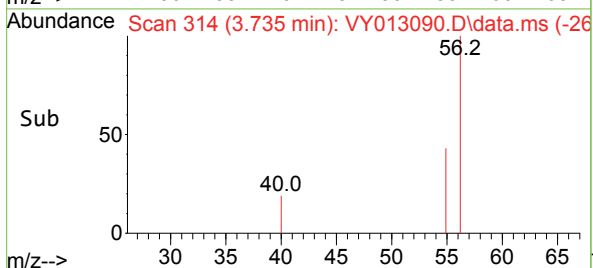
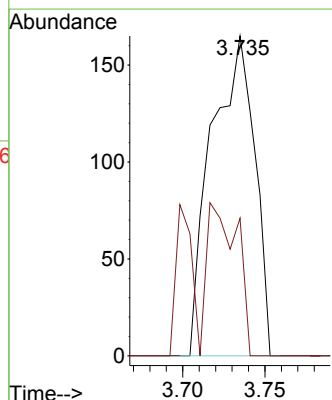
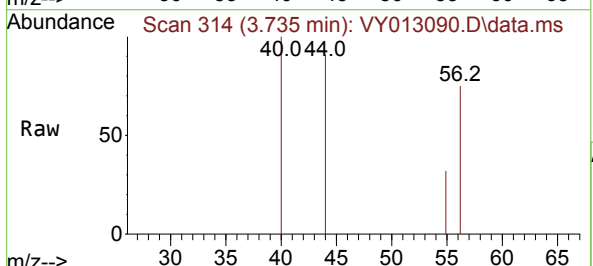
Acq: 27 Mar 2023 14:34

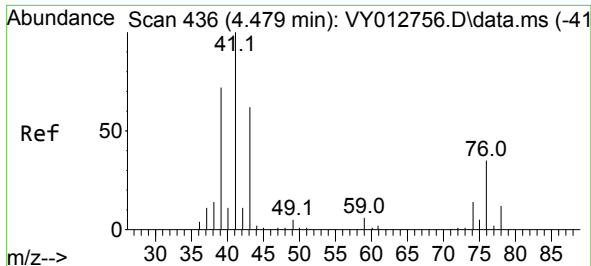
Tgt Ion: 56 Resp: 301

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#

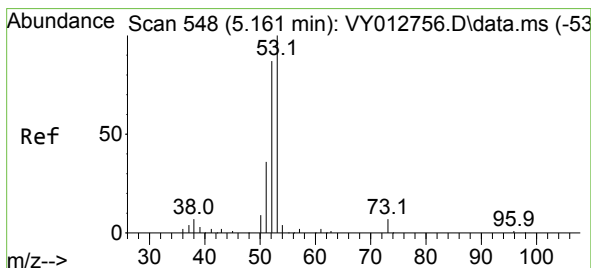
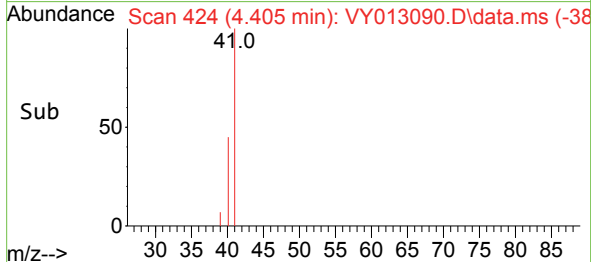
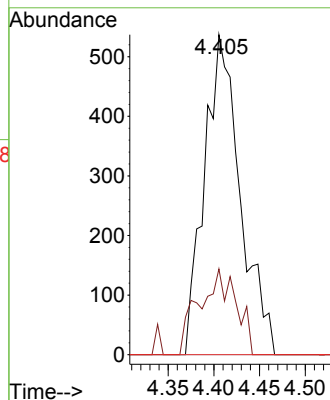
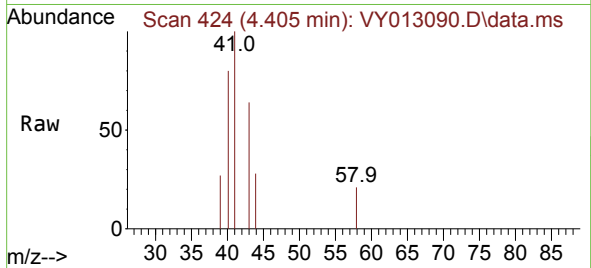




#14
 Allyl chloride
 Concen: 4.080 ug/l
 RT: 4.405 min Scan# 41
 Delta R.T. -0.074 min
 Lab File: VY013090.D
 Acq: 27 Mar 2023 14:34

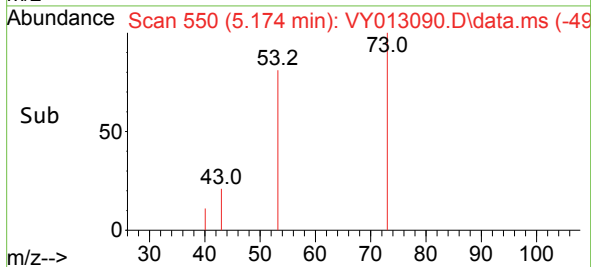
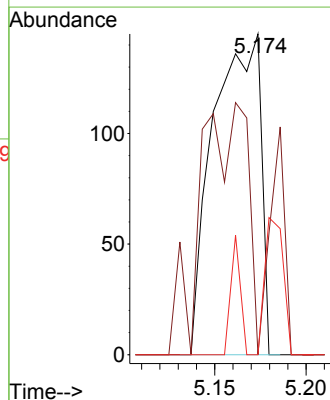
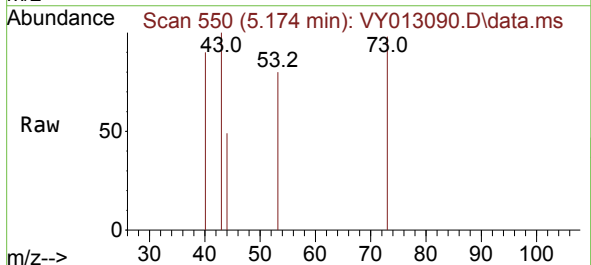
Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1715

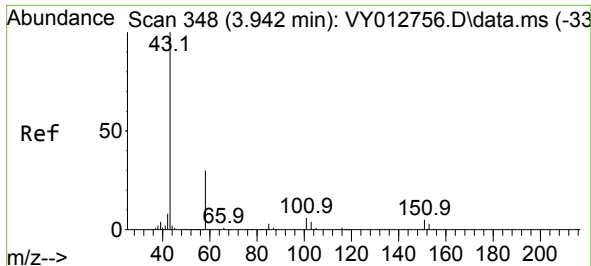
Tgt Ion:	41	Resp:	1465
Ion	Ratio	Lower	Upper
41	100		
39	27.6	53.6	80.4#
76	0.0	27.2	40.8#



#15
 Acrylonitrile
 Concen: 4.157 ug/l
 RT: 5.174 min Scan# 550
 Delta R.T. 0.013 min
 Lab File: VY013090.D
 Acq: 27 Mar 2023 14:34

Tgt Ion:	53	Resp:	260
Ion	Ratio	Lower	Upper
53	100		
52	22.3	66.3	99.5#
51	16.9	28.8	43.2#

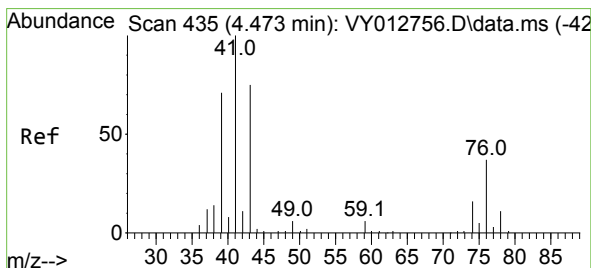
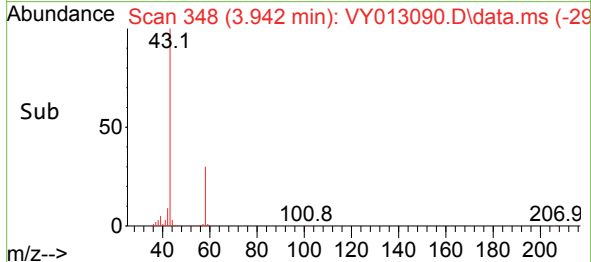
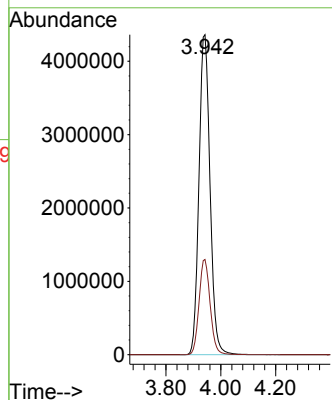
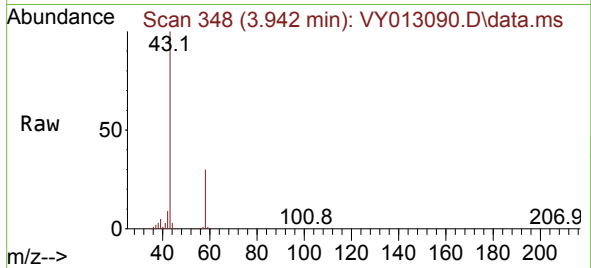




#16
Acetone
Concen: 165794.005 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

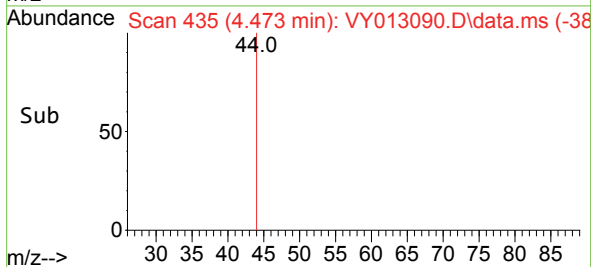
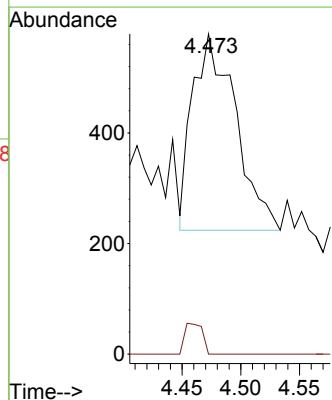
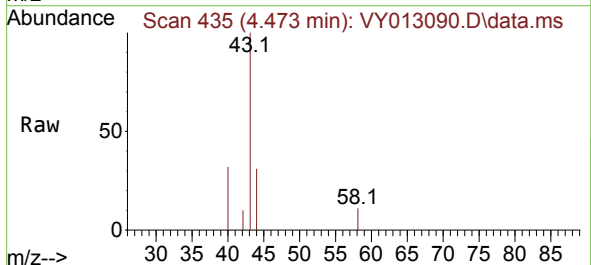
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

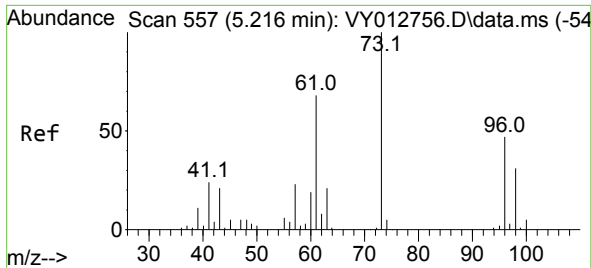
Tgt Ion: 43 Resp:12195403
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.2



#18
Methyl Acetate
Concen: 4.127 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
74 6.5 17.4 26.0#

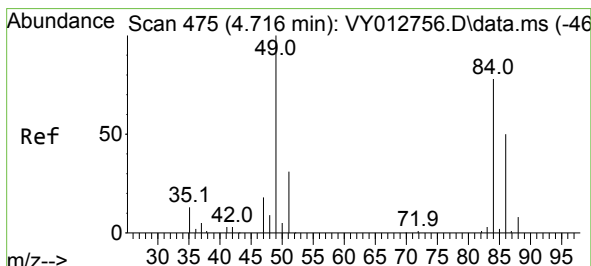
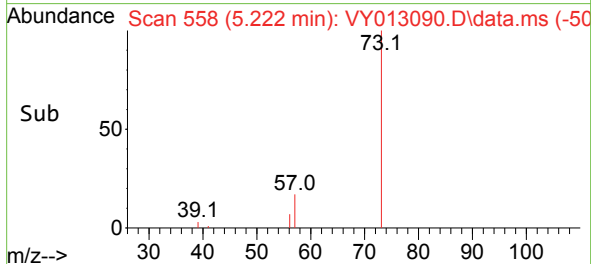
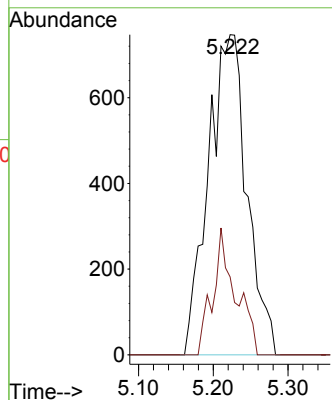
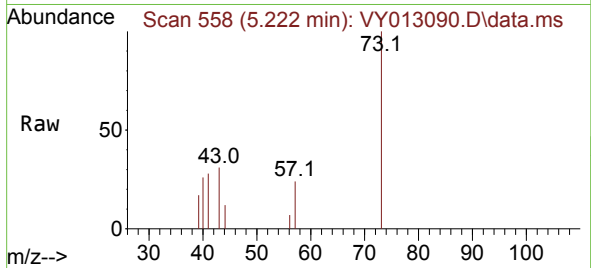




#19
Methyl tert-butyl Ether
Concen: 5.330 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

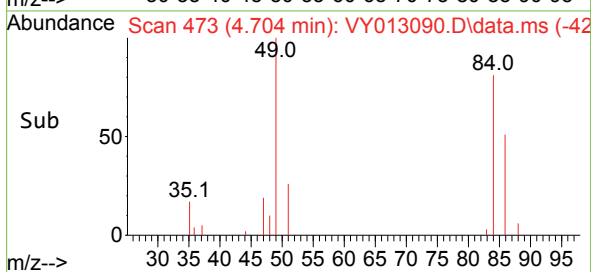
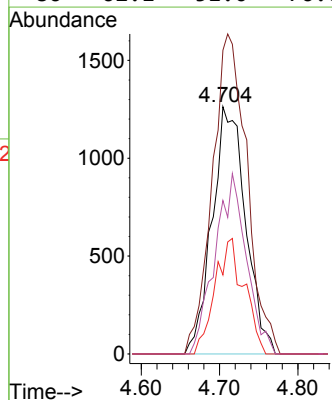
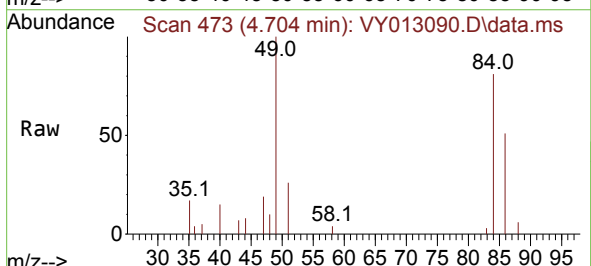
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

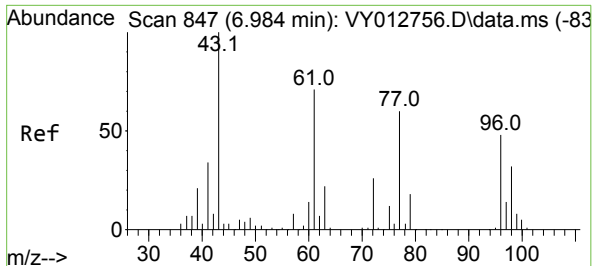
Tgt Ion: 73 Resp: 2676
Ion Ratio Lower Upper
73 100
57 24.4 18.3 27.5



#20
Methylene Chloride
Concen: 12.668 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 84 Resp: 3744
Ion Ratio Lower Upper
84 100
49 122.9 102.6 154.0
51 32.0 31.9 47.9
86 62.1 51.0 76.6





#25

2-Butanone

Concen: 106.874 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

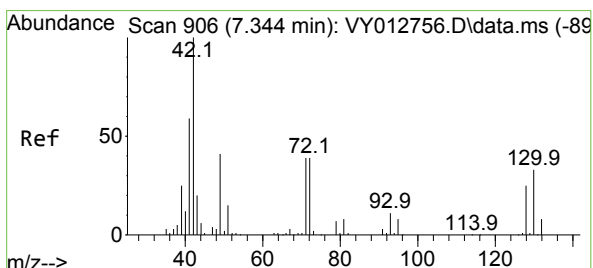
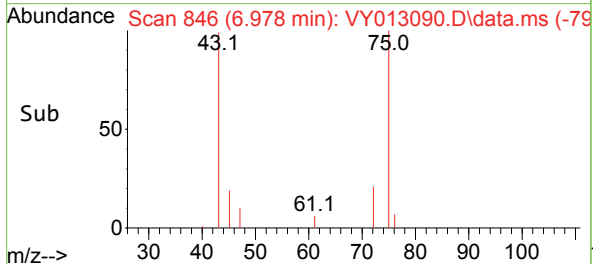
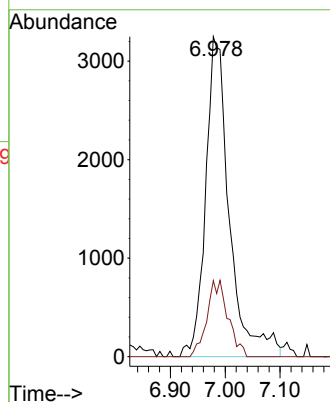
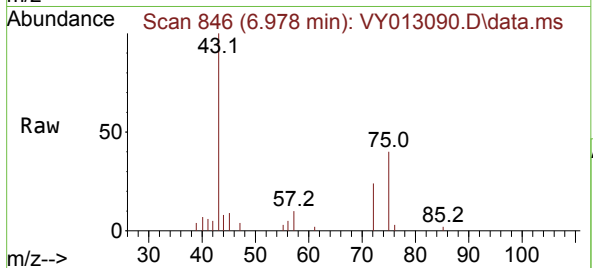
TRE-1715

Tgt Ion: 43 Resp: 9737

Ion Ratio Lower Upper

43 100

72 23.8 21.0 31.4



#29

Tetrahydrofuran

Concen: 16.816 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

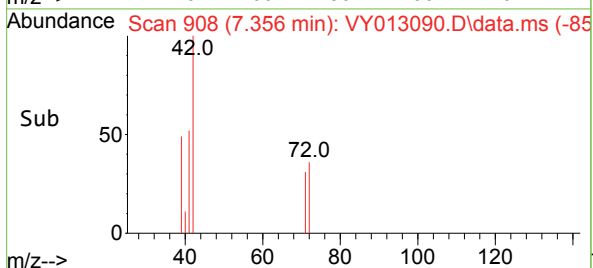
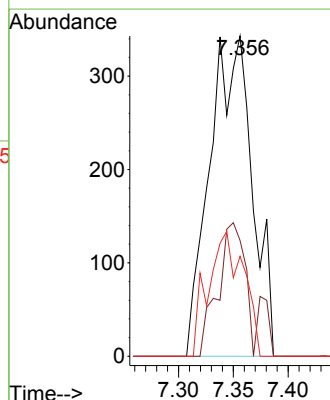
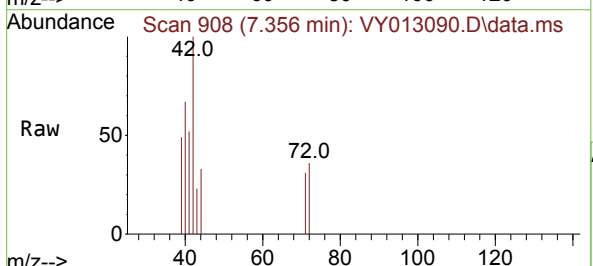
Tgt Ion: 42 Resp: 924

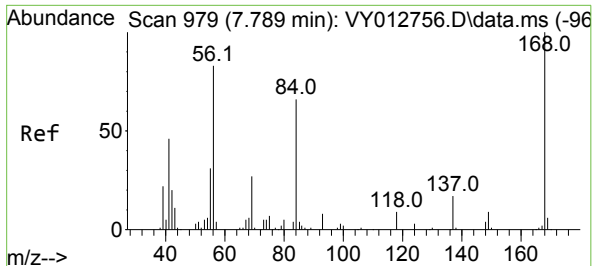
Ion Ratio Lower Upper

42 100

72 26.5 32.3 48.5#

71 32.5 30.3 45.5

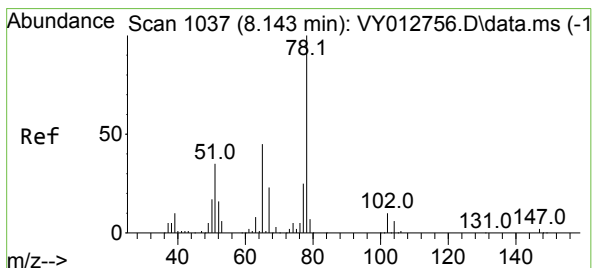
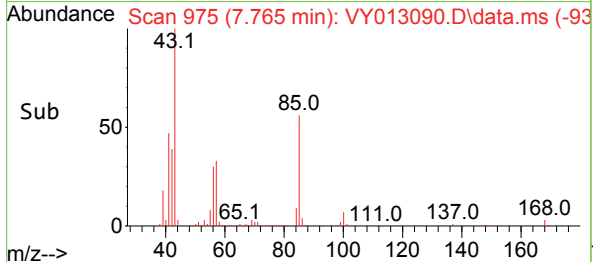
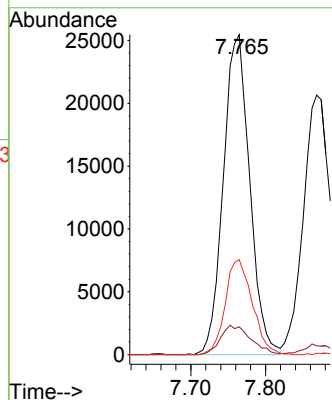
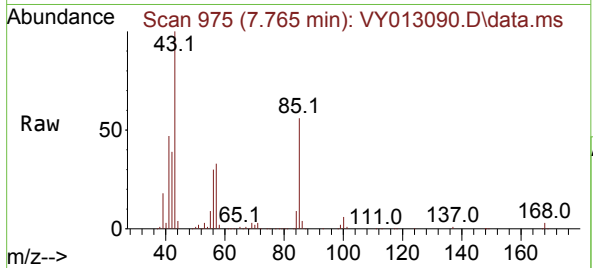




#31
Cyclohexane
Concen: 174.218 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

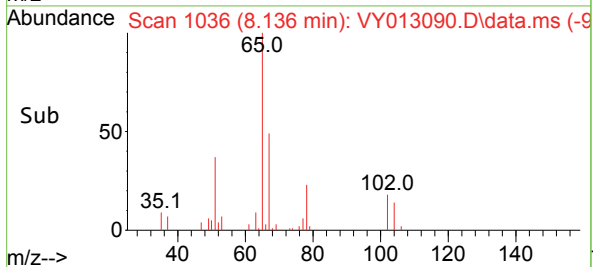
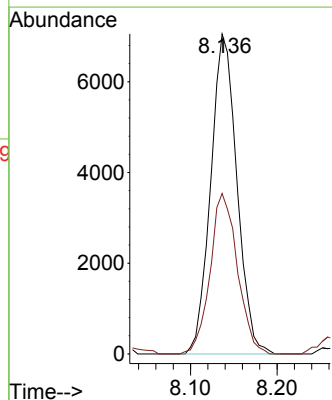
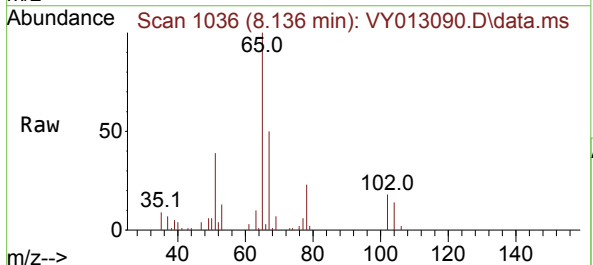
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

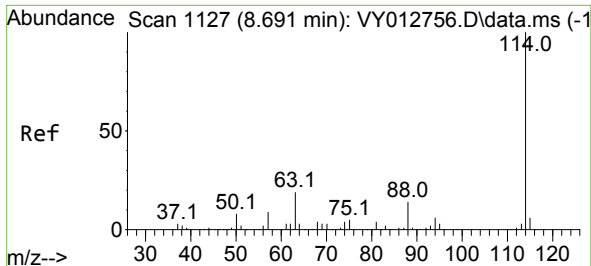
Tgt Ion: 56 Resp: 62529
Ion Ratio Lower Upper
56 100
69 8.7 25.7 38.5#
84 29.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 79.048 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 65 Resp: 14814
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

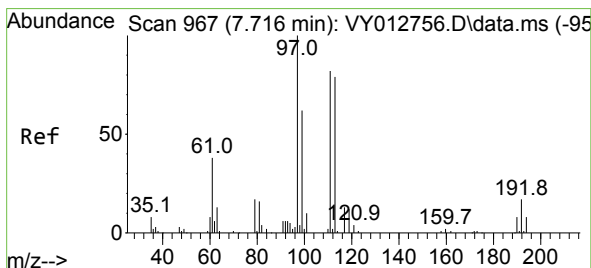
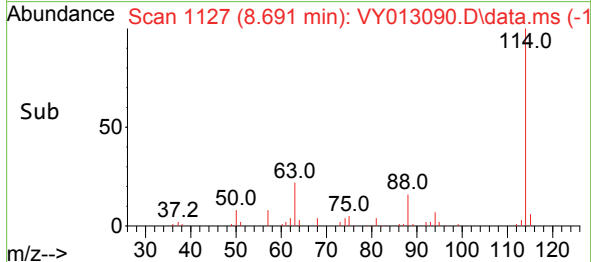
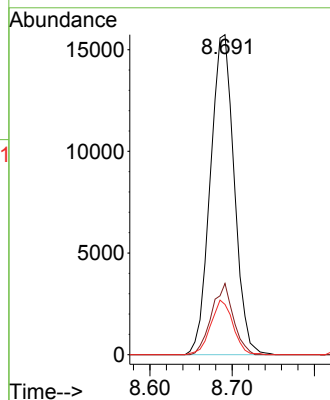
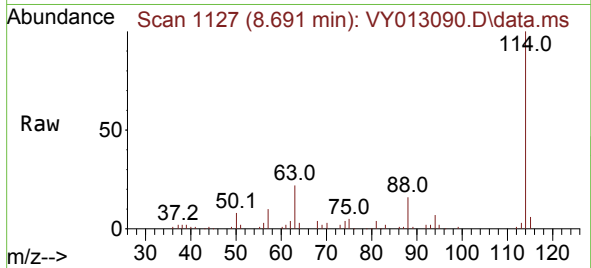




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

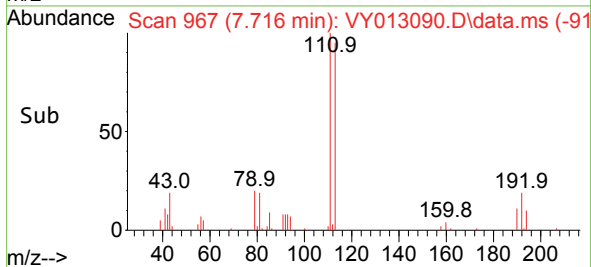
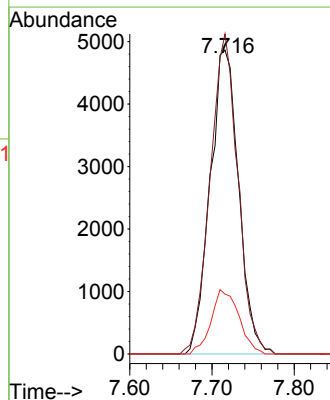
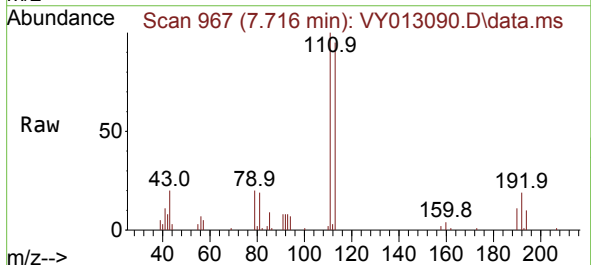
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

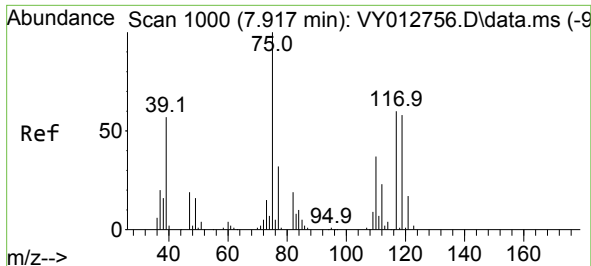
Tgt Ion:114	Resp:	31681
Ion Ratio	Lower	Upper
114	100	
63	22.3	0.0 37.4
88	15.7	0.0 28.6



#35
Dibromofluoromethane
Concen: 61.675 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion:113	Resp:	11792
Ion Ratio	Lower	Upper
113	100	
111	101.7	82.2 123.2
192	20.5	16.8 25.2

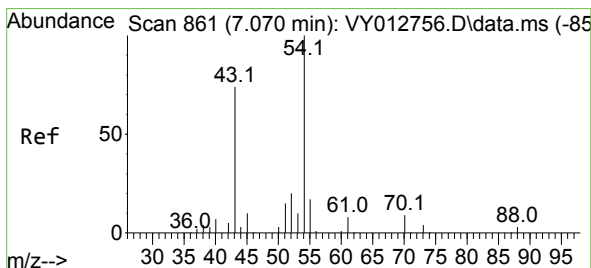
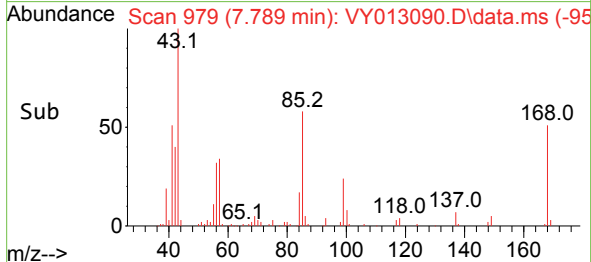
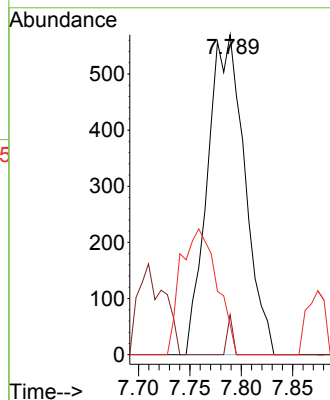
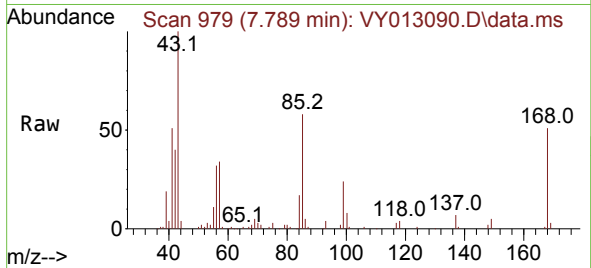




#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

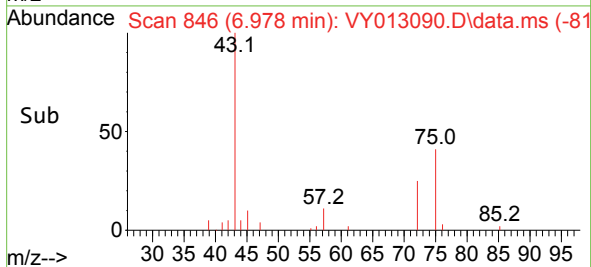
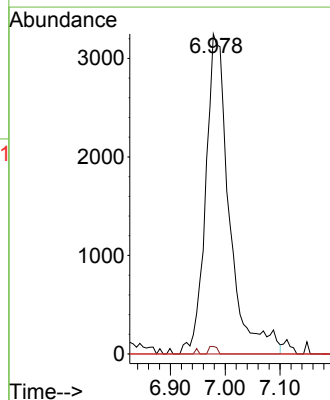
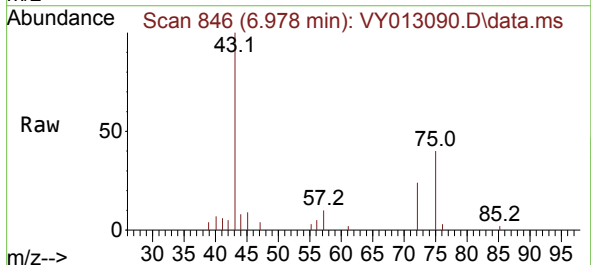
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

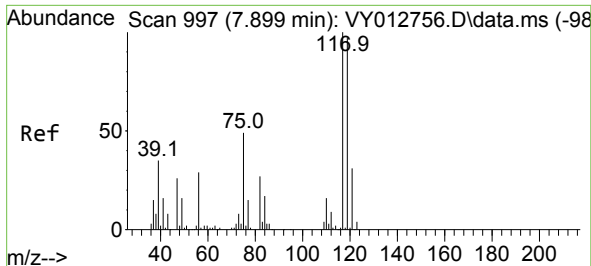
Tgt Ion: 75 Resp: 1433
Ion Ratio Lower Upper
75 100
110 1.8 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 48.217 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 43 Resp: 9737
Ion Ratio Lower Upper
43 100
61 0.8 10.7 16.1#
70 0.0 7.8 11.8#

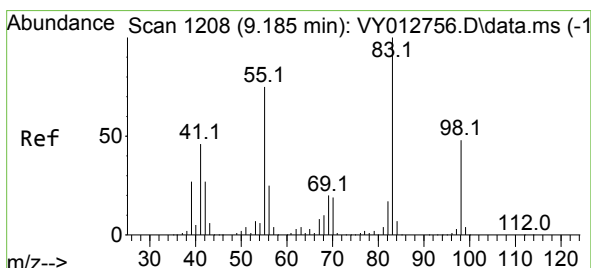
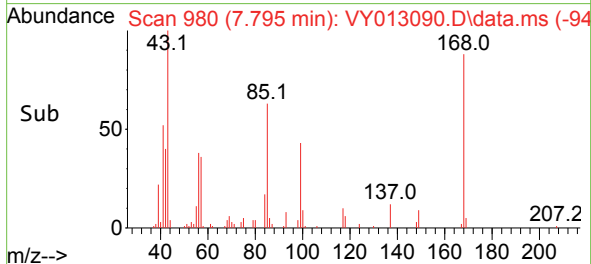
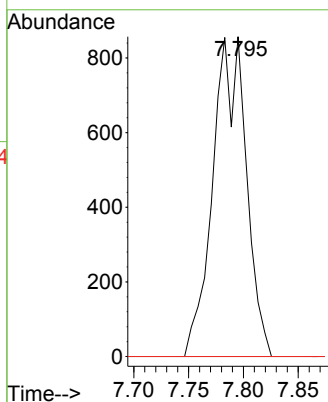
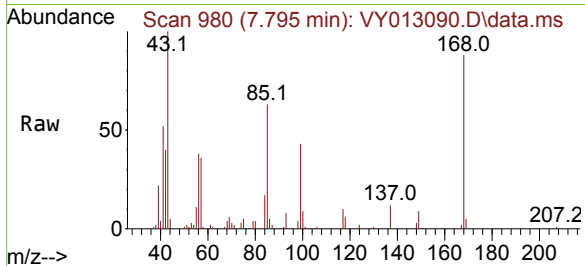




#38
Carbon Tetrachloride
Concen: 5.467 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

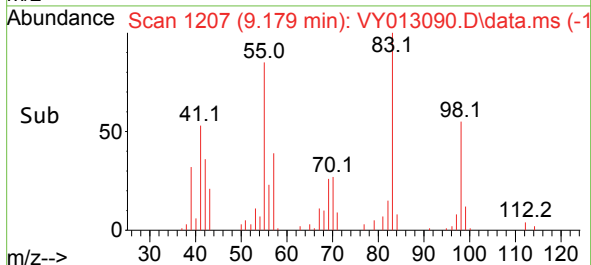
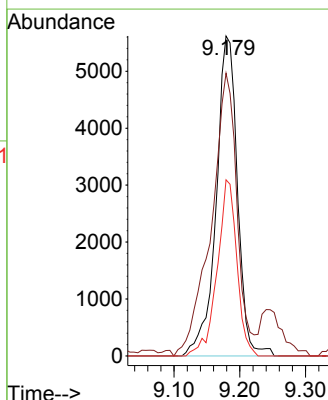
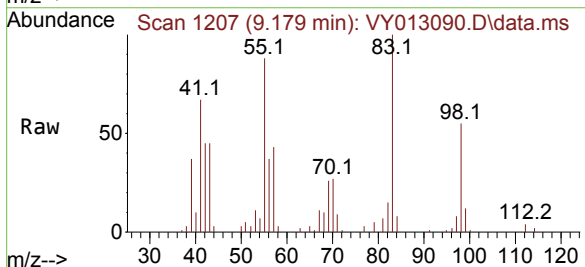
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

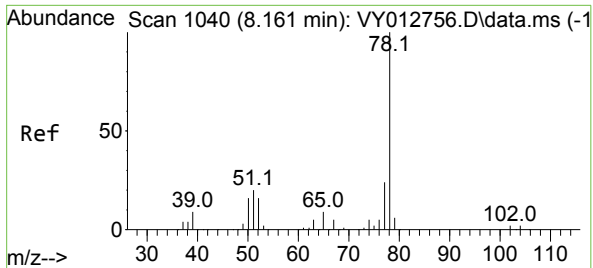
Tgt Ion:117 Resp: 1809
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 33.288 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 83 Resp: 12680
Ion Ratio Lower Upper
83 100
55 86.4 60.0 90.0
98 55.0 38.3 57.5

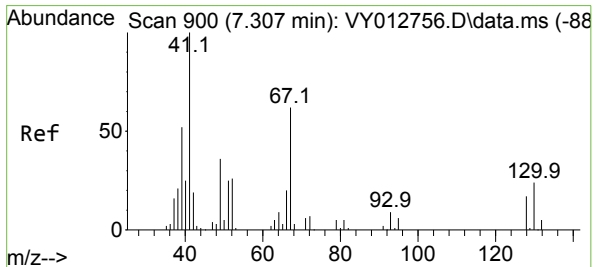
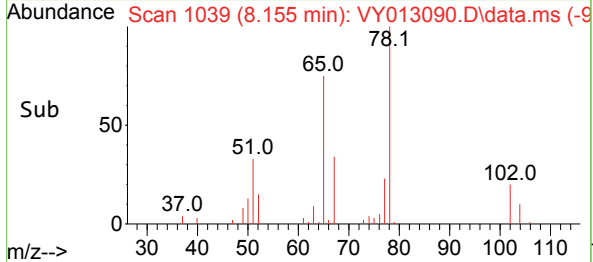
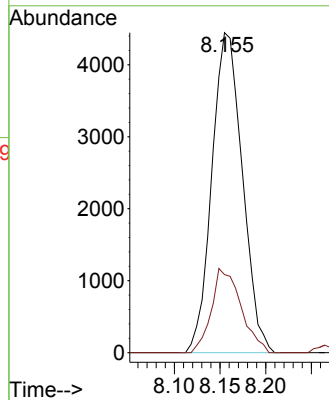
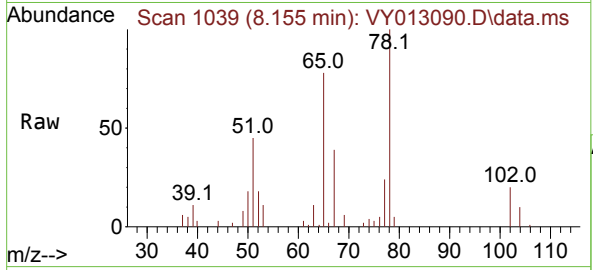




#40
Benzene
Concen: 11.388 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

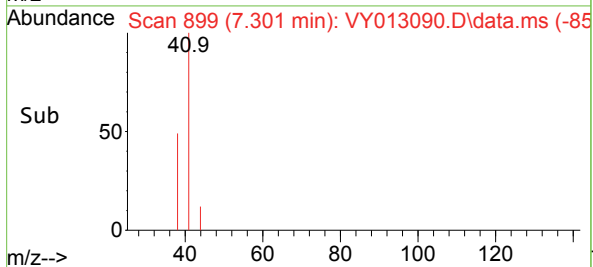
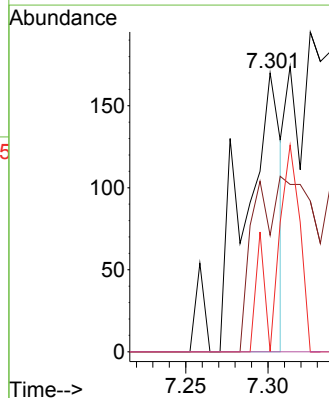
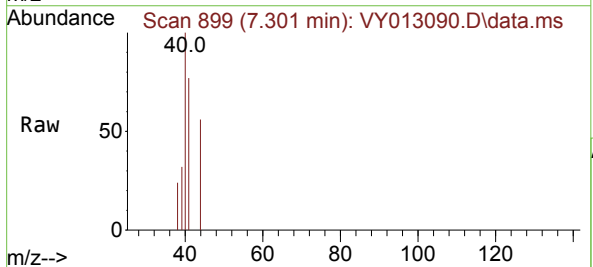
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

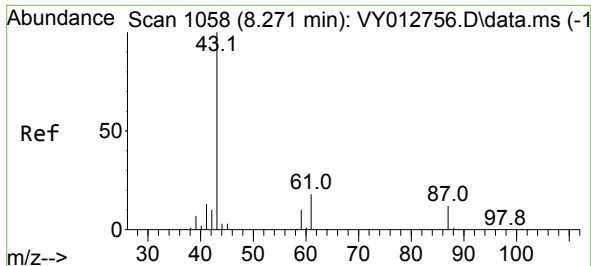
Tgt Ion: 78 Resp: 10321
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



#41
Methacrylonitrile
Concen: 2.518 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 41 Resp: 274
Ion Ratio Lower Upper
41 100
39 62.8 0.0 0.0#
67 47.8 0.0 0.0#
52 0.0 0.0 0.0

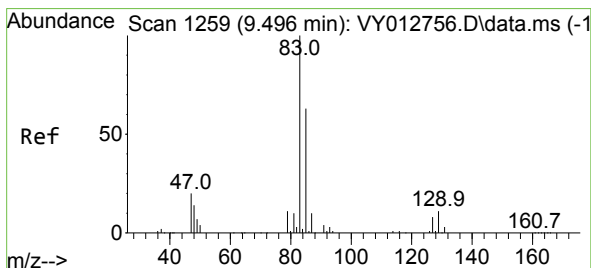
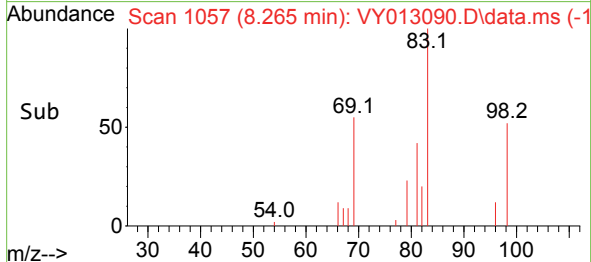
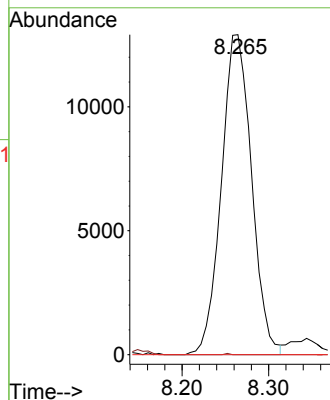
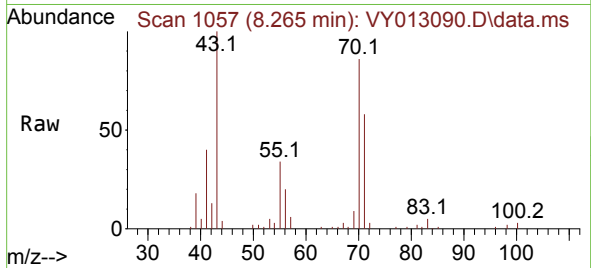




#43
Isopropyl Acetate
Concen: 86.885 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

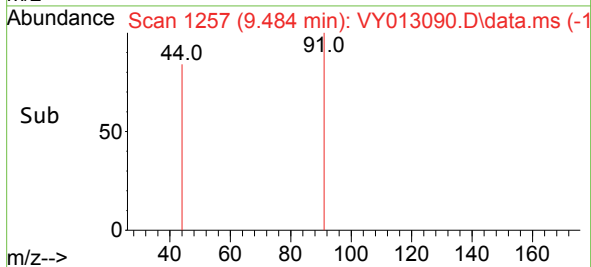
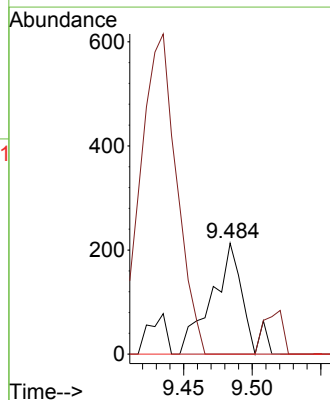
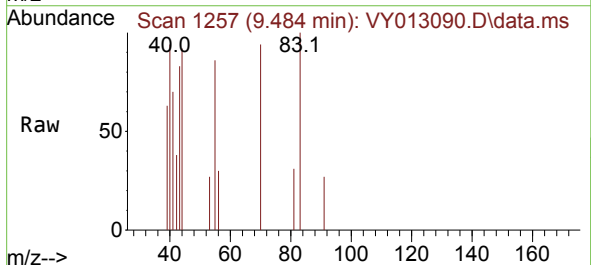
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

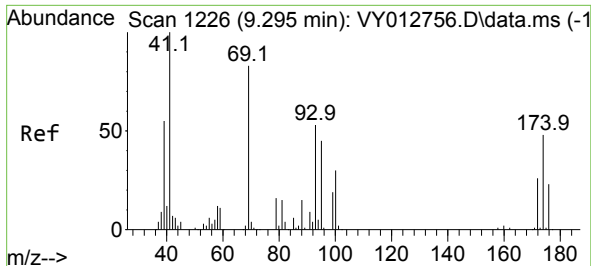
Tgt Ion: 43 Resp: 31304
Ion Ratio Lower Upper
43 100
61 0.1 21.6 32.4#
87 0.0 9.9 14.9#



#47
Bromodichloromethane
Concen: 1.112 ug/l
RT: 9.484 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 83 Resp: 342
Ion Ratio Lower Upper
83 100
85 0.0 50.2 75.4#
127 0.0 6.3 9.5#

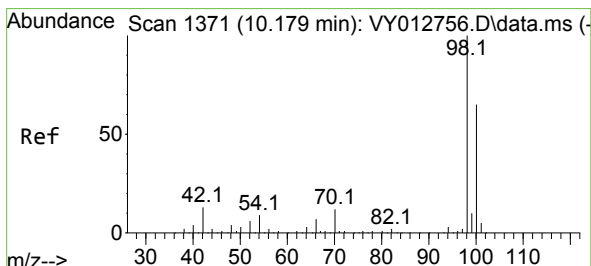
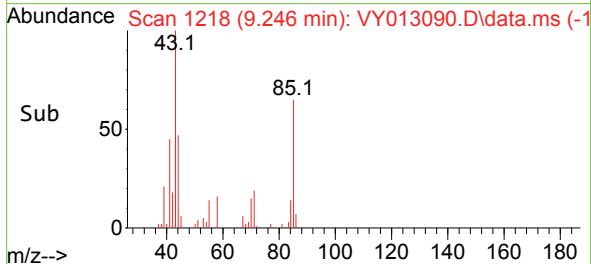
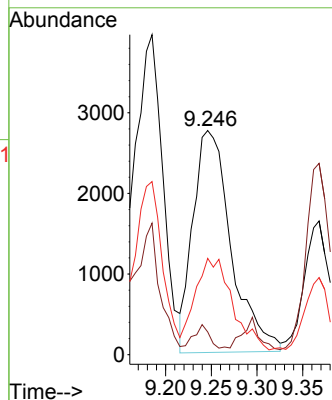
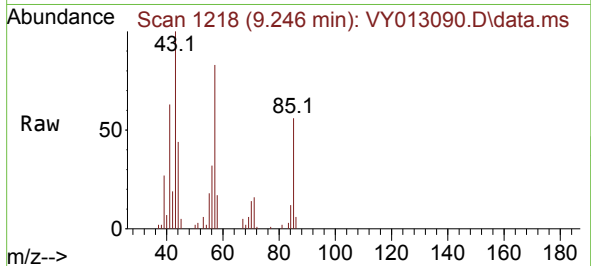




#48
Methyl methacrylate
Concen: 48.087 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

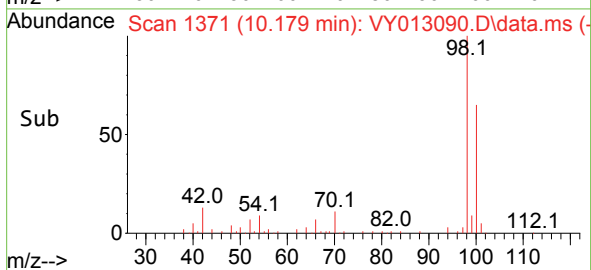
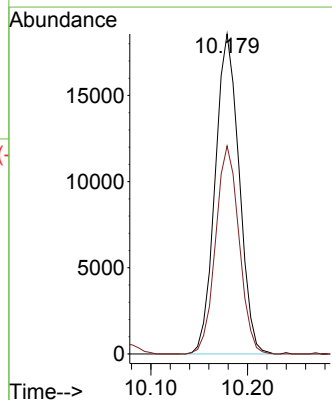
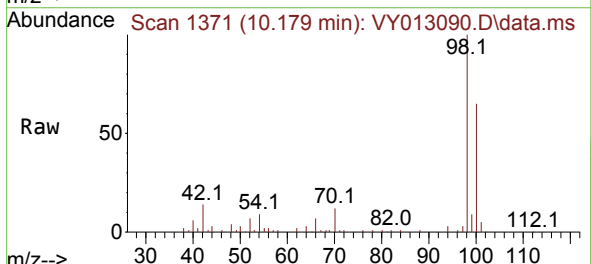
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

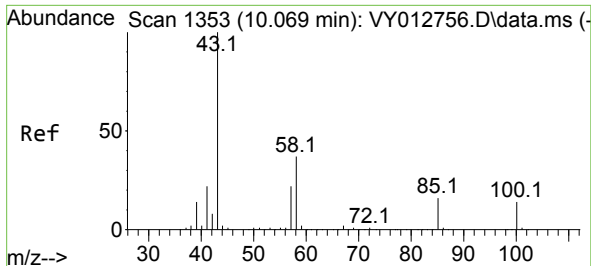
Tgt Ion: 41 Resp: 7983
Ion Ratio Lower Upper
41 100
69 6.7 64.1 96.1#
39 40.0 44.0 66.0#



#50
Toluene-d8
Concen: 45.626 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 98 Resp: 31891
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 42.510 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

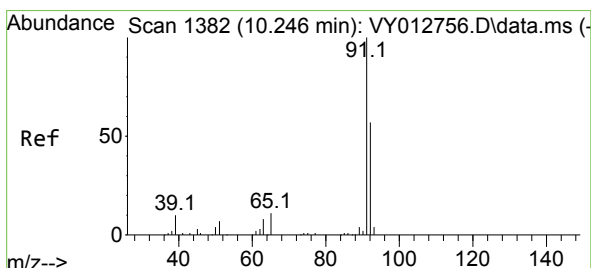
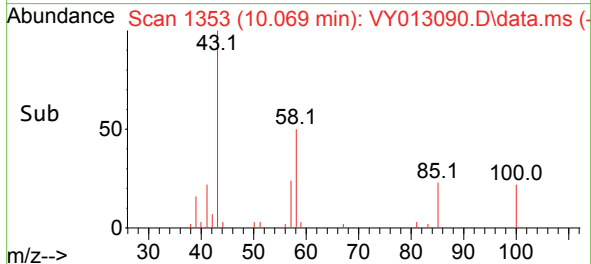
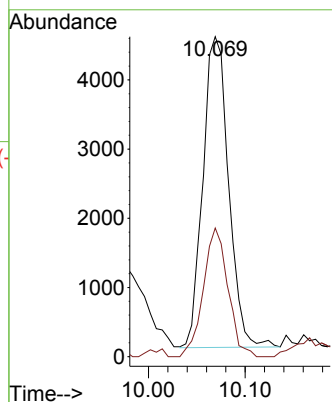
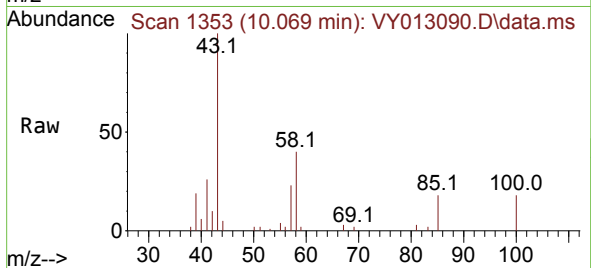
TRE-1715

Tgt Ion: 43 Resp: 8308

Ion Ratio Lower Upper

43 100

58 39.5 29.8 44.6



#52

Toluene

Concen: 10160.651 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY013090.D

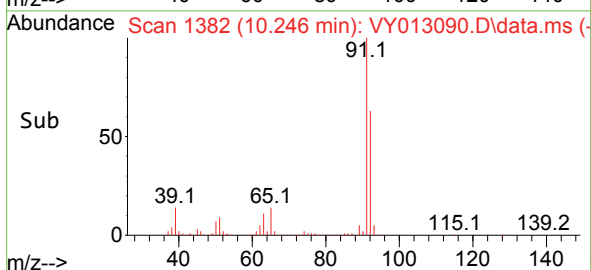
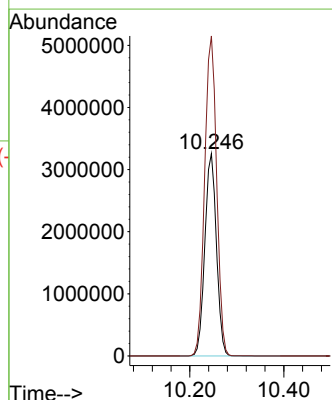
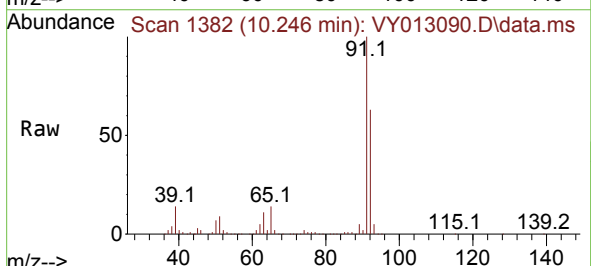
Acq: 27 Mar 2023 14:34

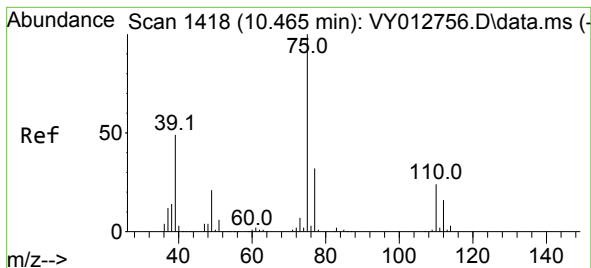
Tgt Ion: 92 Resp: 5553704

Ion Ratio Lower Upper

92 100

91 163.9 141.3 211.9

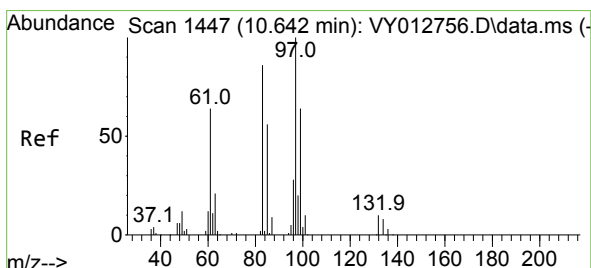
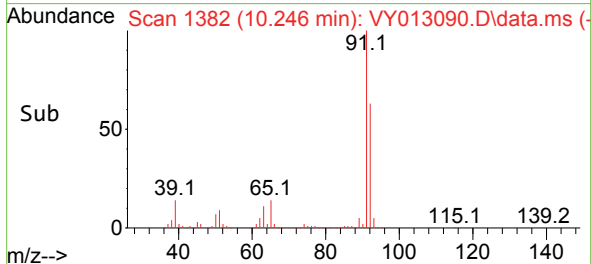
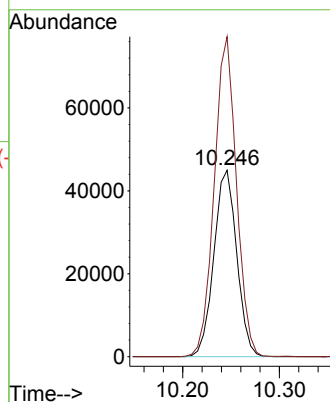
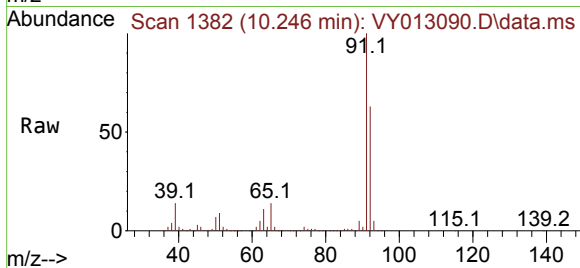




#53
t-1,3-Dichloropropene
Concen: 228.690 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.219 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

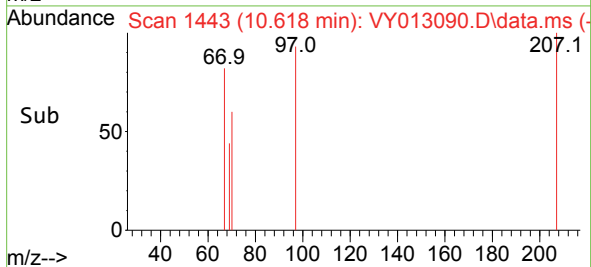
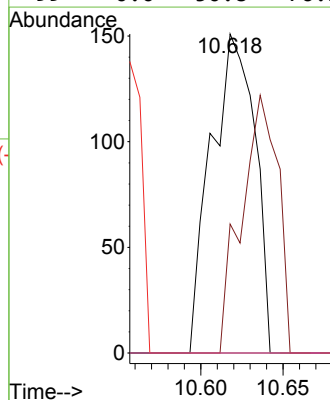
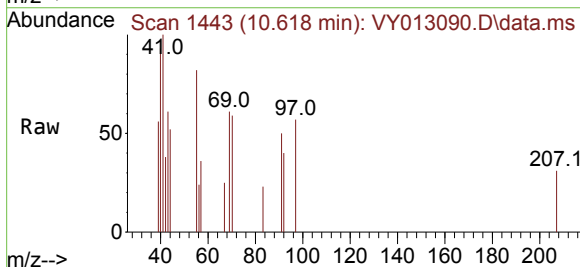
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

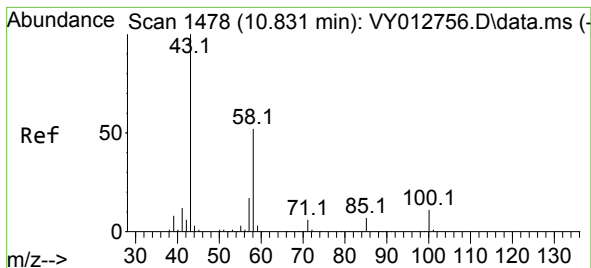
Tgt Ion: 75 Resp: 73763
Ion Ratio Lower Upper
75 100
77 171.6 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 1.535 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 97 Resp: 279
Ion Ratio Lower Upper
97 100
83 40.4 69.0 103.6#
85 0.0 44.9 67.3#
99 0.0 50.8 76.2#

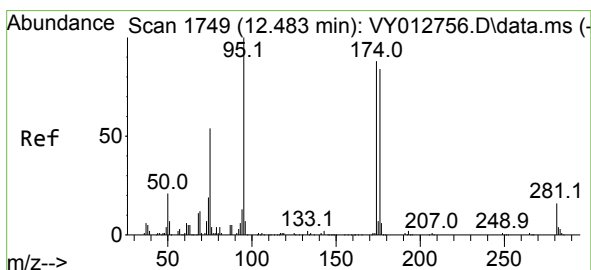
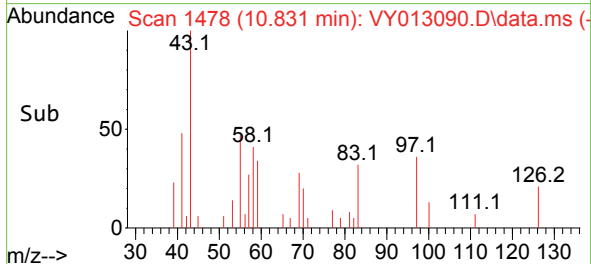
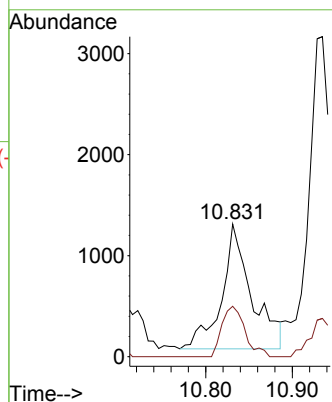
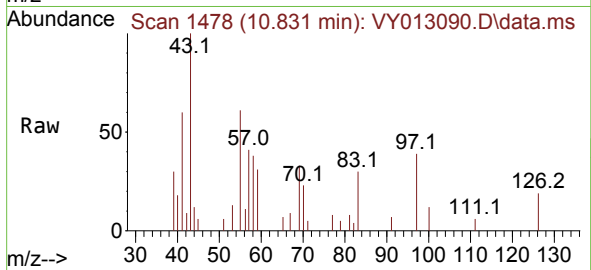




#59
2-Hexanone
Concen: 20.903 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

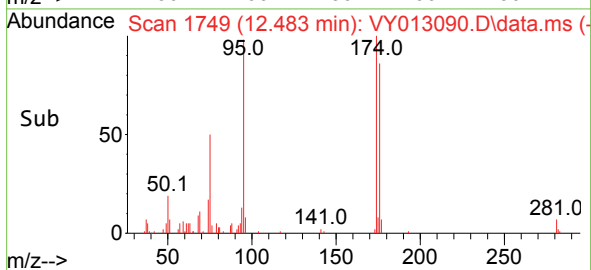
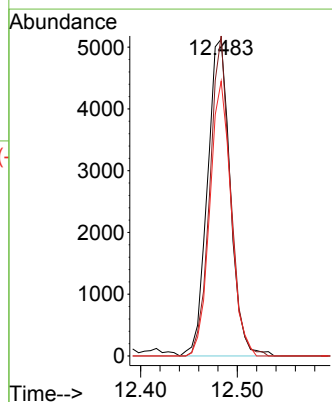
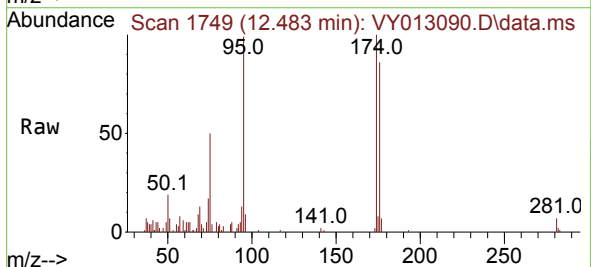
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

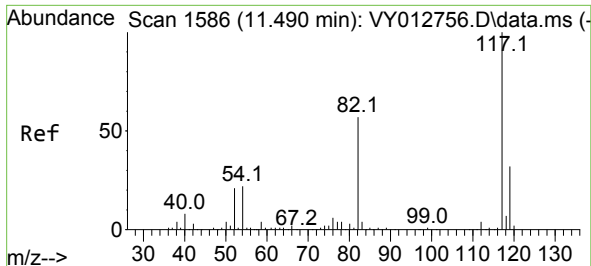
Tgt Ion: 43 Resp: 2969
Ion Ratio Lower Upper
43 100
58 31.1 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 35.707 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 95 Resp: 8424
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 80.7 0.0 170.2

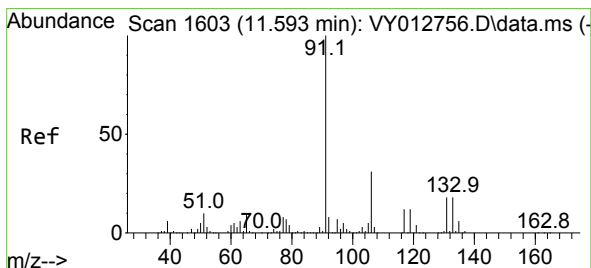
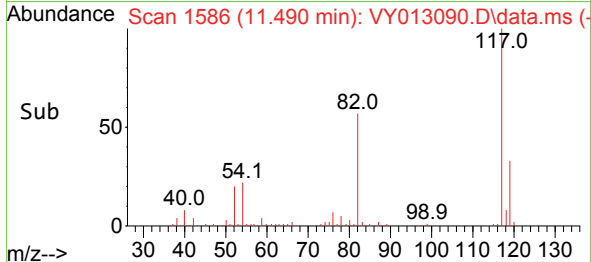
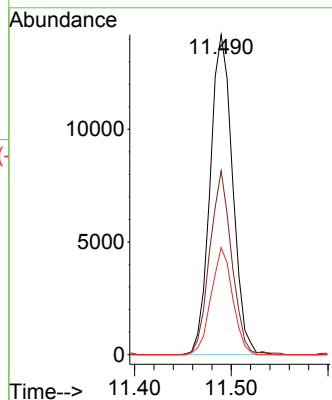
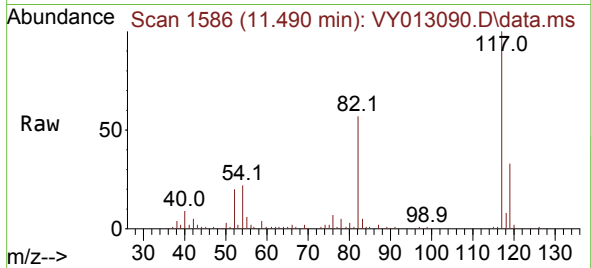




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

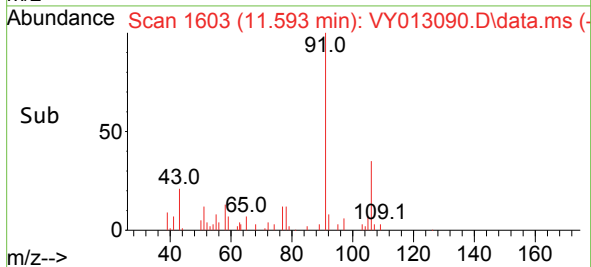
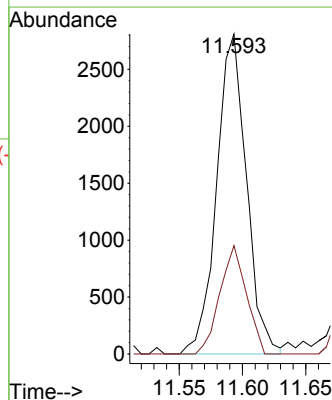
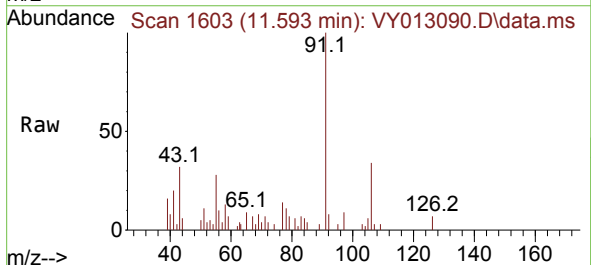
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

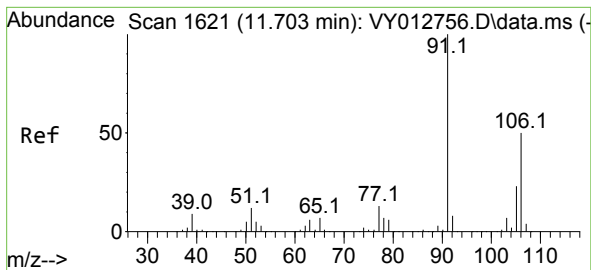
Tgt Ion:117 Resp: 22909
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 33.5 25.6 38.4



#67
Ethyl Benzene
Concen: 5.445 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 91 Resp: 4603
Ion Ratio Lower Upper
91 100
106 33.9 25.1 37.7





#68

m/p-Xylenes

Concen: 14.410 ug/l

RT: 11.697 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

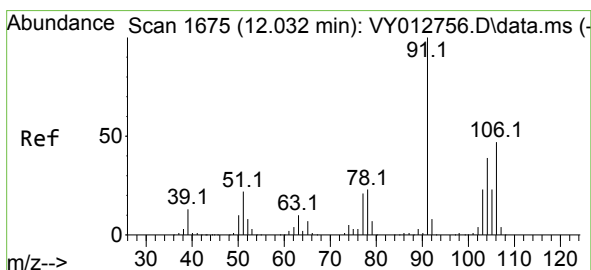
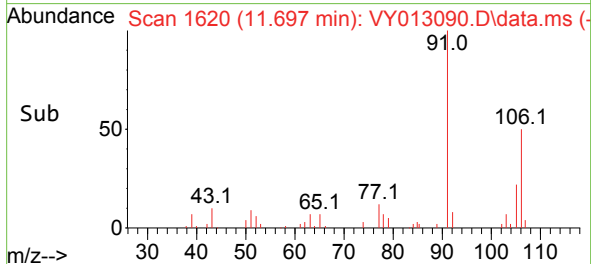
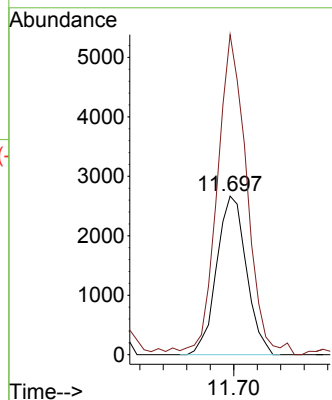
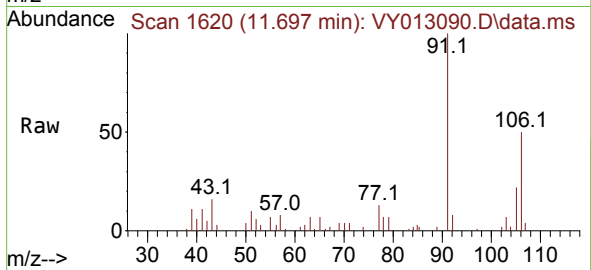
TRE-1715

Tgt Ion:106 Resp: 4686

Ion Ratio Lower Upper

106 100

91 200.7 159.8 239.8



#69

o-Xylene

Concen: 4.418 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY013090.D

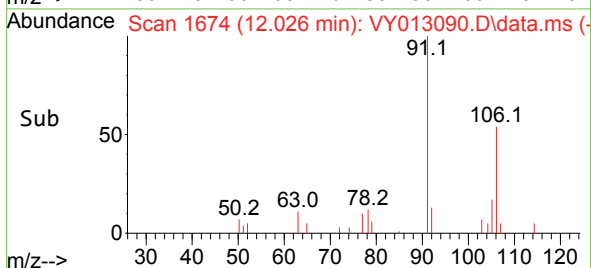
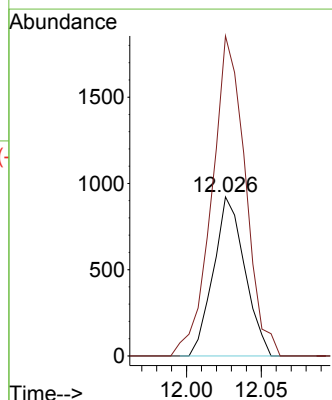
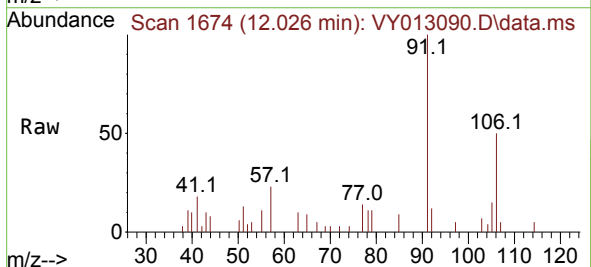
Acq: 27 Mar 2023 14:34

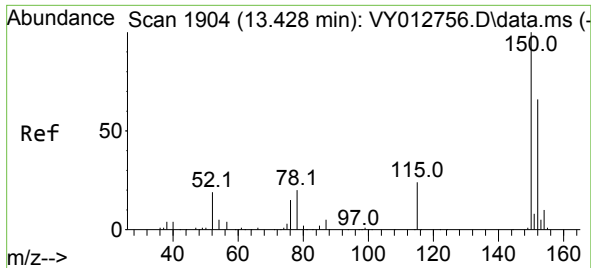
Tgt Ion:106 Resp: 1341

Ion Ratio Lower Upper

106 100

91 214.5 107.2 321.6

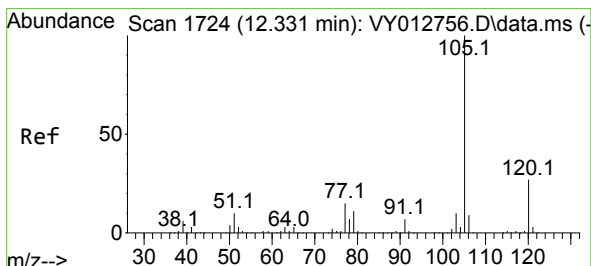
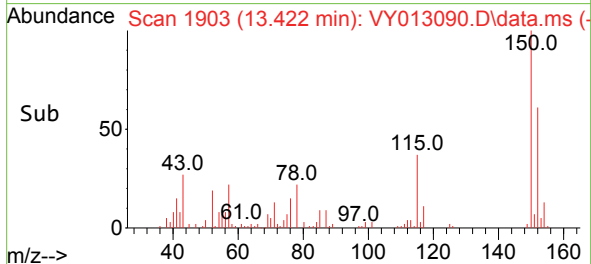
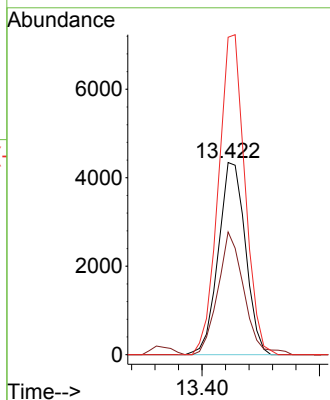
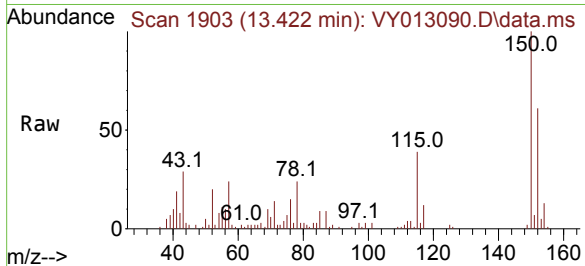




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013090.D
 Acq: 27 Mar 2023 14:34

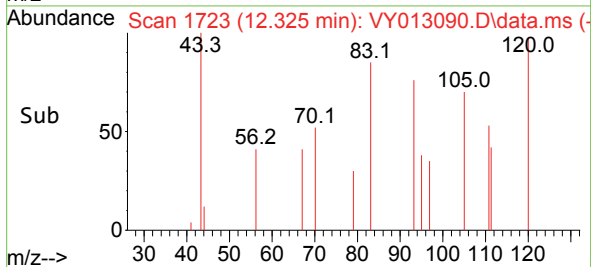
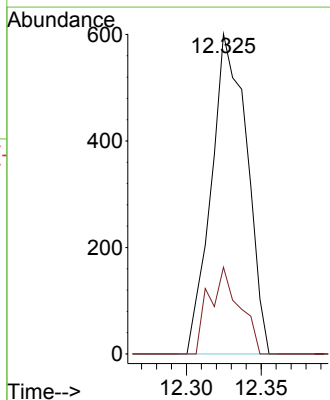
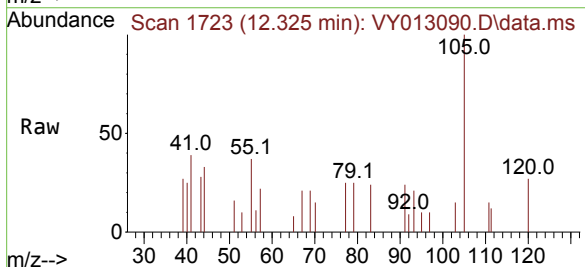
Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1715

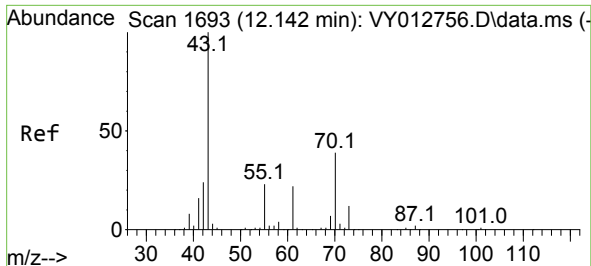
Tgt Ion:152 Resp: 6957
 Ion Ratio Lower Upper
 152 100
 115 61.3 27.1 81.3
 150 162.9 0.0 347.8



#73
 Isopropylbenzene
 Concen: 2.016 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. -0.006 min
 Lab File: VY013090.D
 Acq: 27 Mar 2023 14:34

Tgt Ion:105 Resp: 994
 Ion Ratio Lower Upper
 105 100
 120 23.2 13.4 40.2

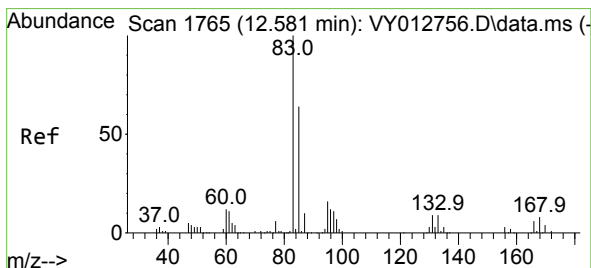
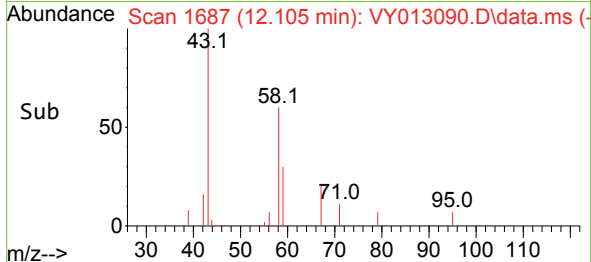
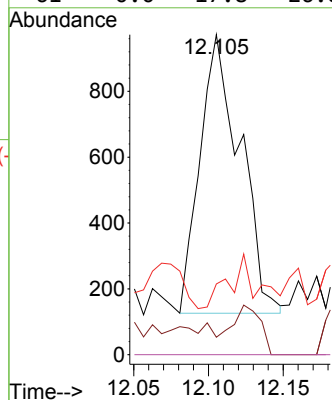
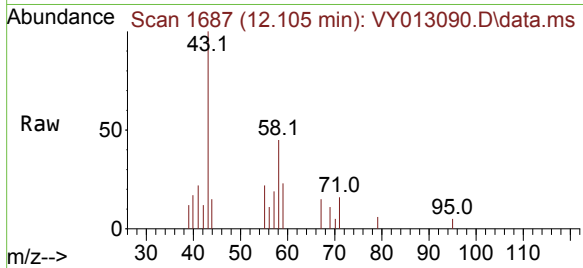




#74
N-amy1 acetate
Concen: 10.204 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.037 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

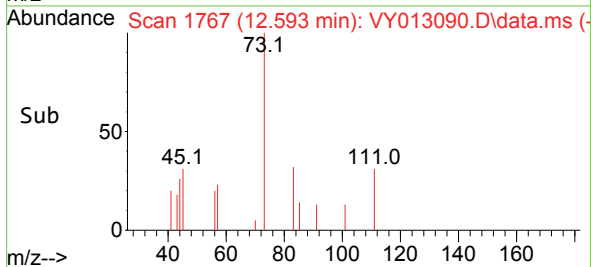
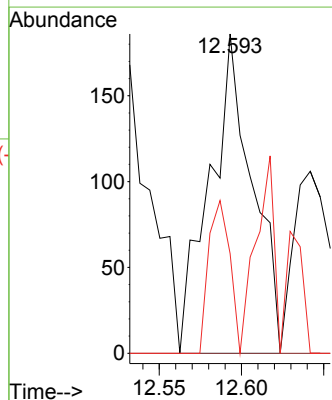
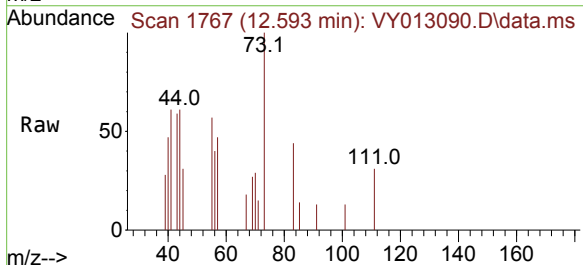
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

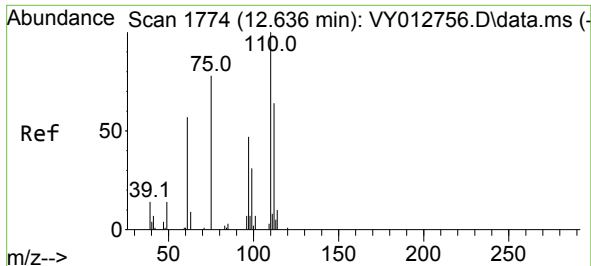
Tgt Ion: 43	Resp:	1583	
Ion	Ratio	Lower	Upper
43	100		
70	12.8	31.6	47.4#
55	12.8	18.8	28.2#
61	0.0	17.8	26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.023 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.012 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 83	Resp:	335	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.1	15.2#	
85 23.6	31.8	95.3#	

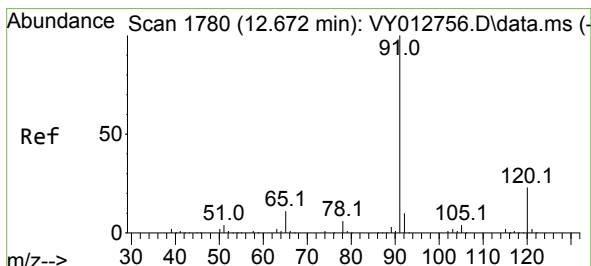
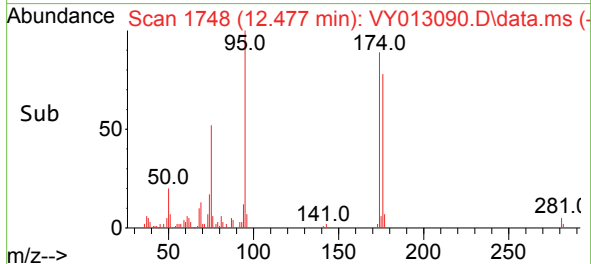
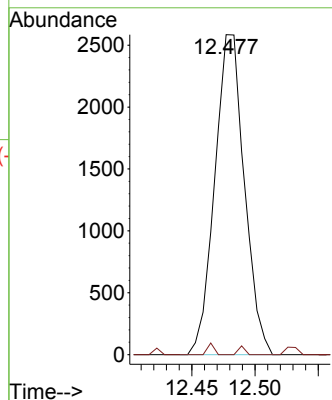
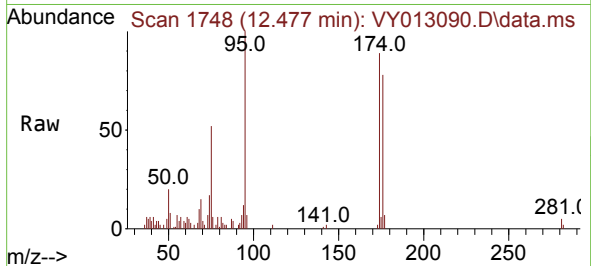




#76
1,2,3-Trichloropropane
Concen: 50.663 ug/l
RT: 12.477 min Scan# 1774
Delta R.T. -0.158 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

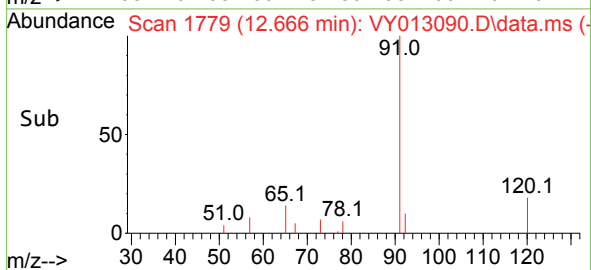
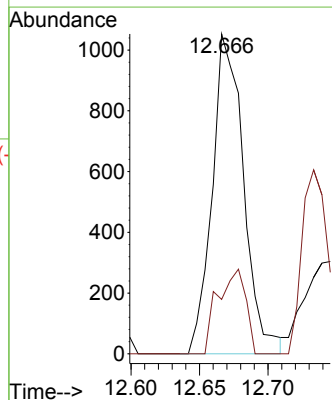
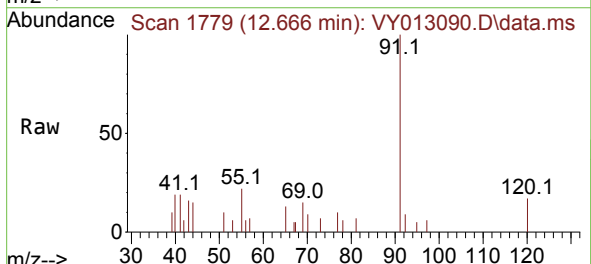
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

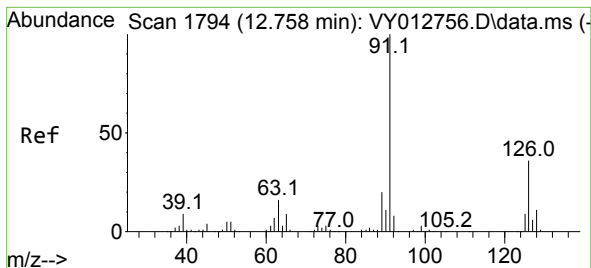
Tgt Ion: 75 Resp: 4209
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#78
n-propylbenzene
Concen: 2.757 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 91 Resp: 1676
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 1.255 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

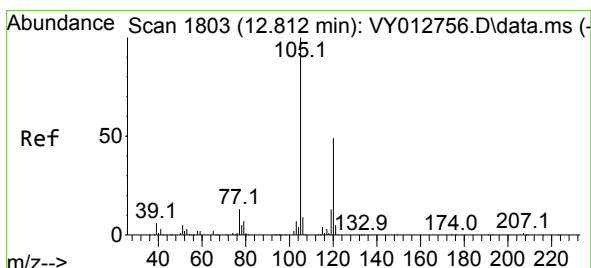
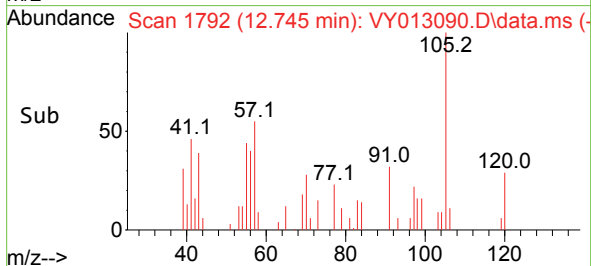
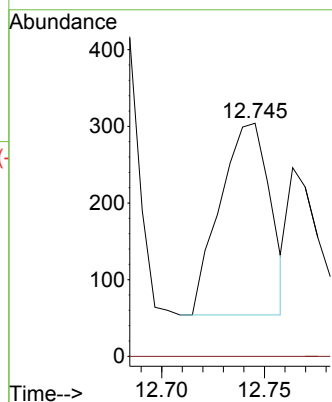
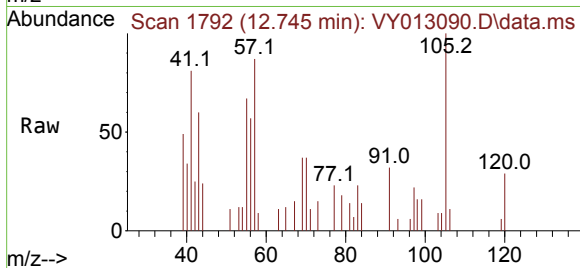
TRE-1715

Tgt Ion: 91 Resp: 424

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.2#



#80

1,3,5-Trimethylbenzene

Concen: 3.382 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013090.D

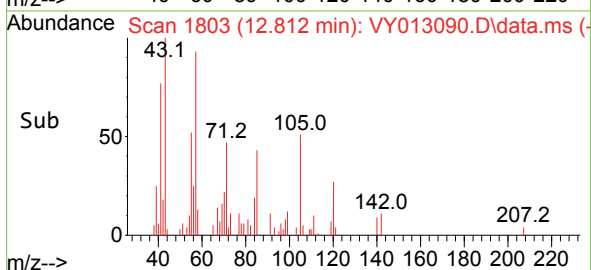
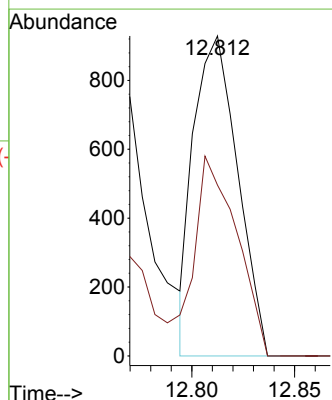
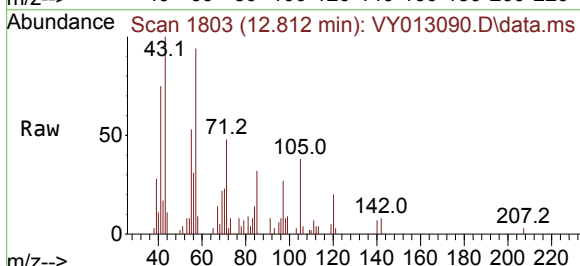
Acq: 27 Mar 2023 14:34

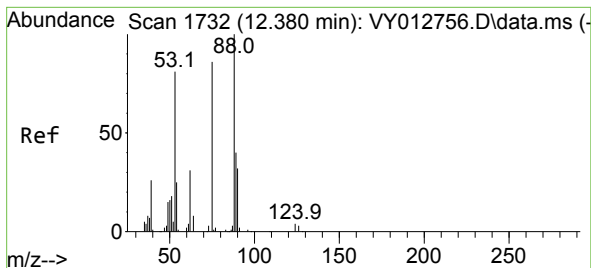
Tgt Ion:105 Resp: 1376

Ion Ratio Lower Upper

105 100

120 61.3 24.8 74.4

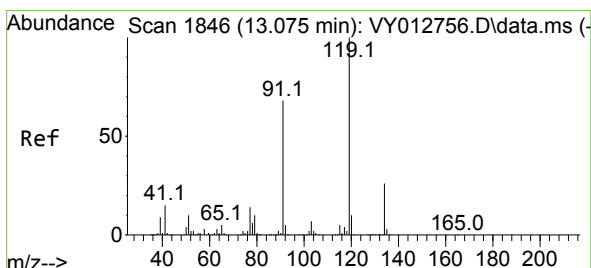
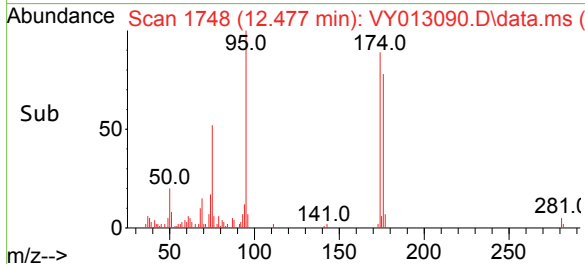
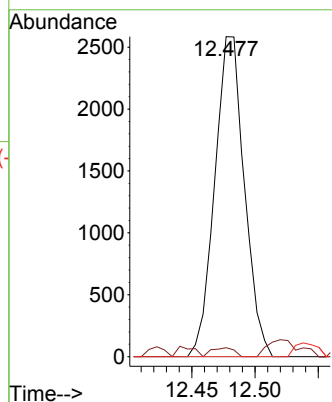
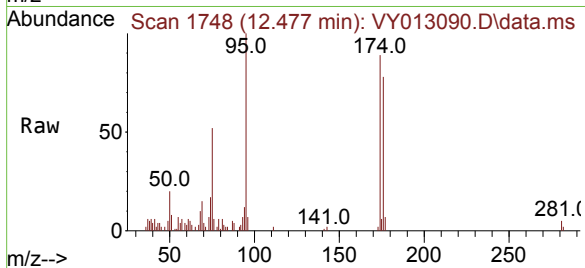




#81
trans-1,4-Dichloro-2-butene
Concen: 104.976 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

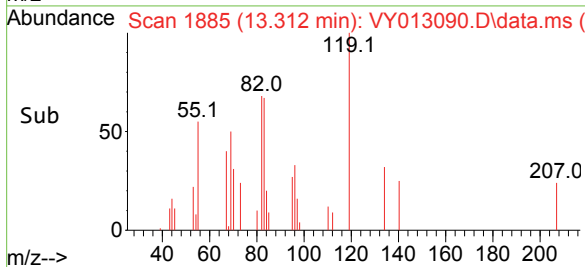
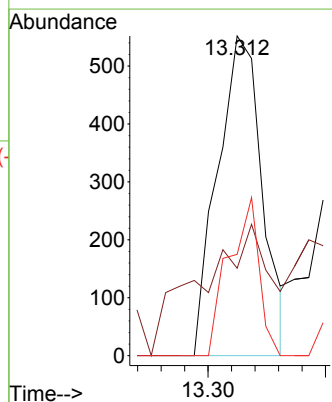
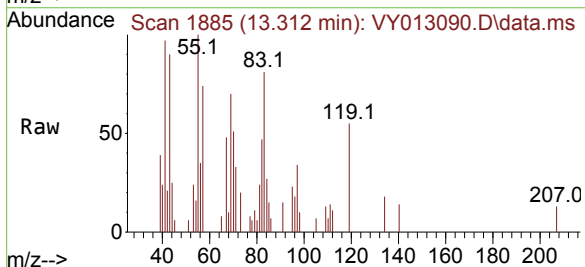
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

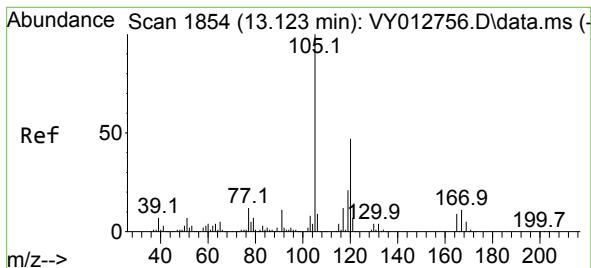
Tgt Ion: 75 Resp: 4209
Ion Ratio Lower Upper
75 100
53 2.1 73.4 110.0#
89 0.0 36.6 55.0#



#83
tert-Butylbenzene
Concen: 2.081 ug/l
RT: 13.312 min Scan# 1885
Delta R.T. 0.238 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion: 119 Resp: 731
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.3
134 33.4 13.6 40.8





#84

1,2,4-Trimethylbenzene

Concen: 12.660 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

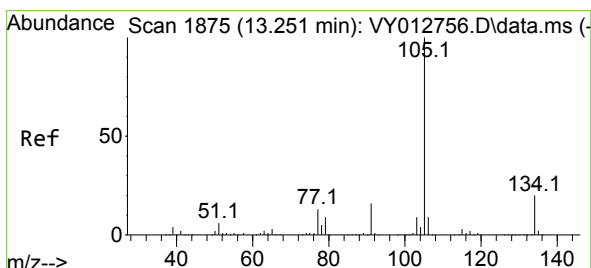
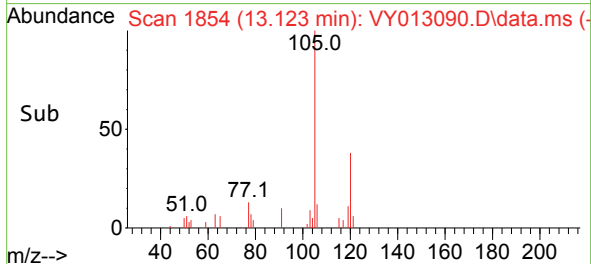
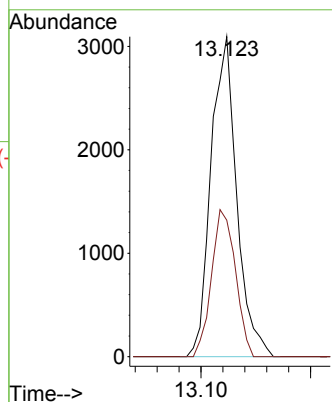
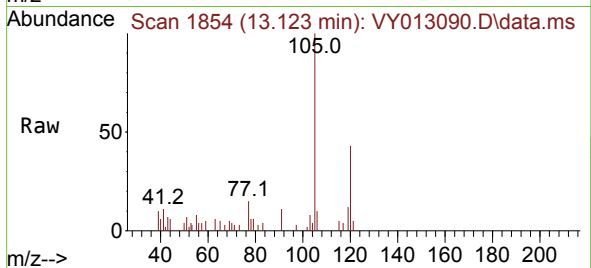
TRE-1715

Tgt Ion:105 Resp: 5037

Ion Ratio Lower Upper

105 100

120 42.7 23.0 69.0



#85

sec-Butylbenzene

Concen: 1.713 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013090.D

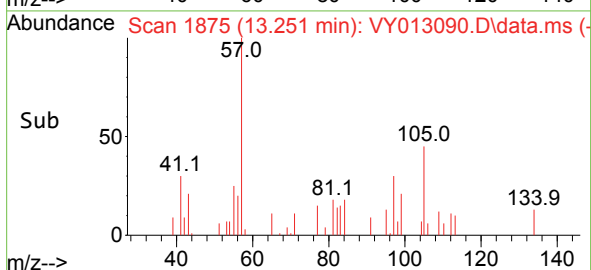
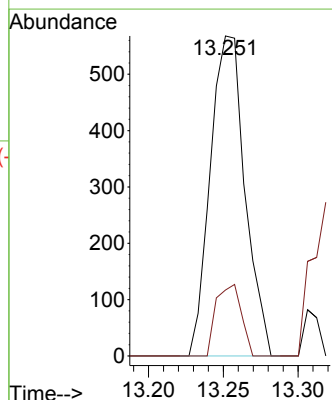
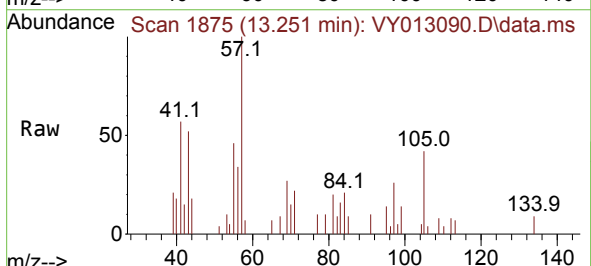
Acq: 27 Mar 2023 14:34

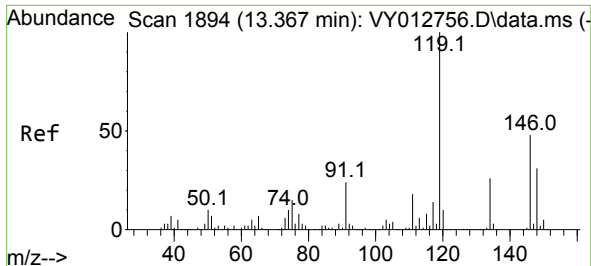
Tgt Ion:105 Resp: 918

Ion Ratio Lower Upper

105 100

134 16.2 10.4 31.1

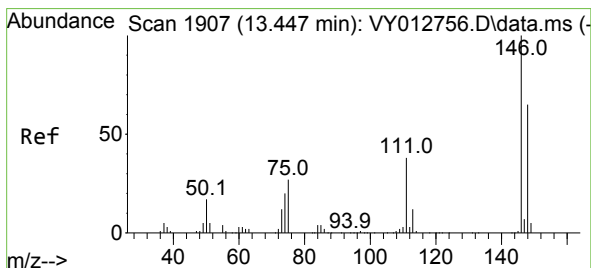
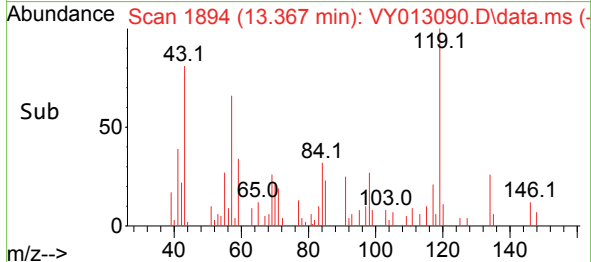
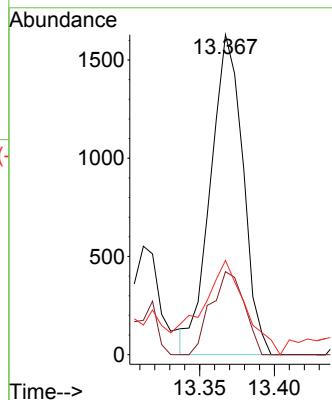
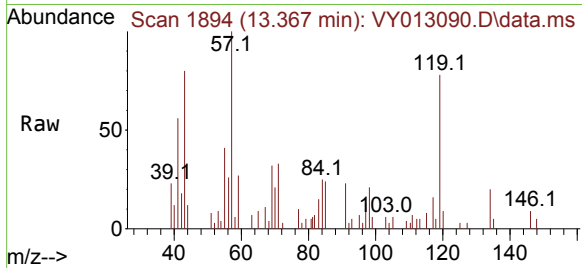




#86
p-Isopropyltoluene
Concen: 5.618 ug/l
RT: 13.367 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

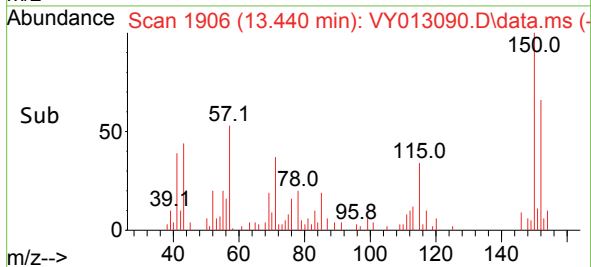
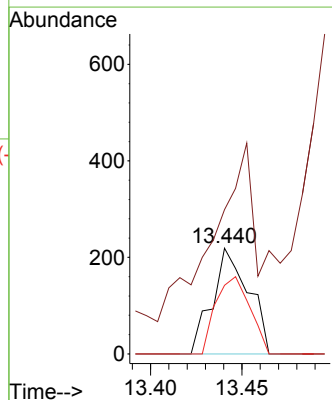
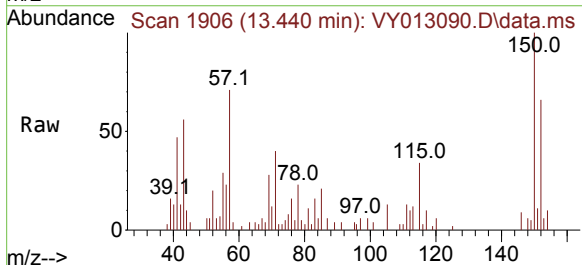
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

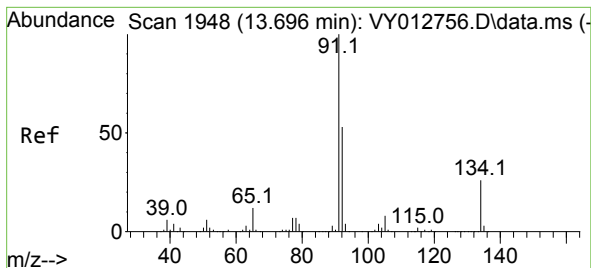
Tgt Ion:119 Resp: 2460
Ion Ratio Lower Upper
119 100
134 26.6 13.2 39.6
91 39.6 11.8 35.3#



#88
1,4-Dichlorobenzene
Concen: 1.285 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion:146 Resp: 303
Ion Ratio Lower Upper
146 100
111 214.9 18.6 55.8#
148 68.6 31.5 94.5





#89

n-Butylbenzene

Concen: 6.353 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1715

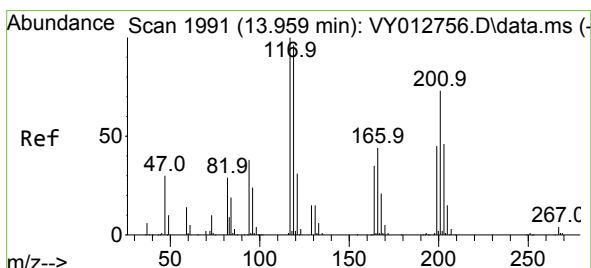
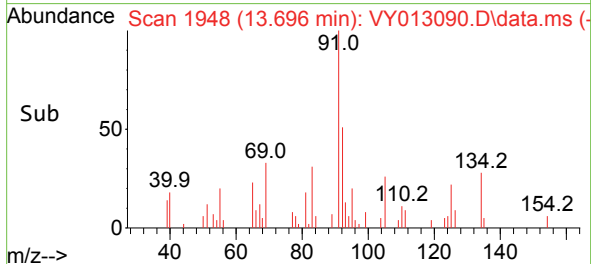
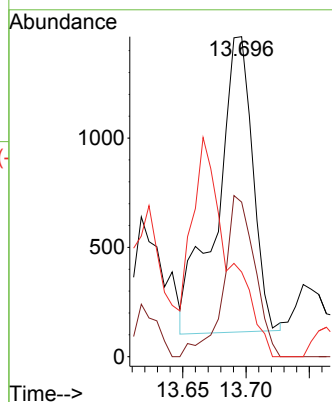
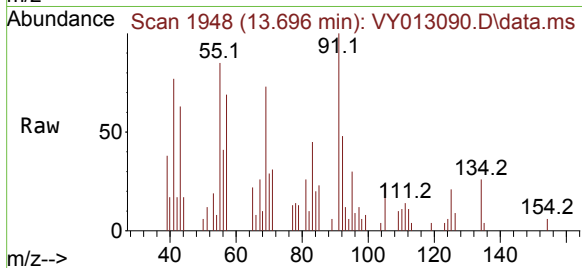
Tgt Ion: 91 Resp: 2663

Ion Ratio Lower Upper

91 100

92 47.4 26.4 79.0

134 0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 8.914 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.018 min

Lab File: VY013090.D

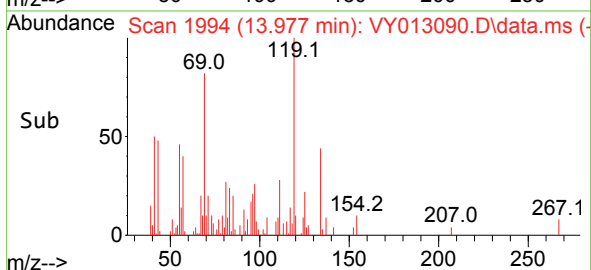
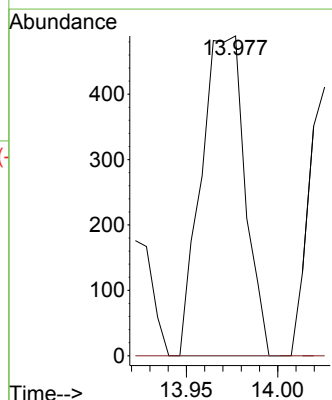
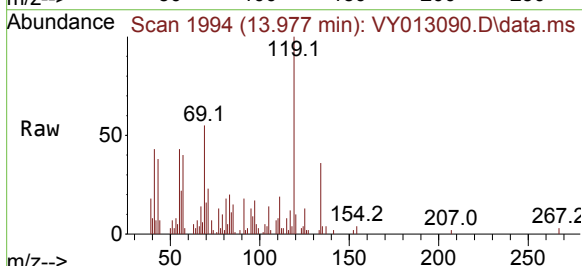
Acq: 27 Mar 2023 14:34

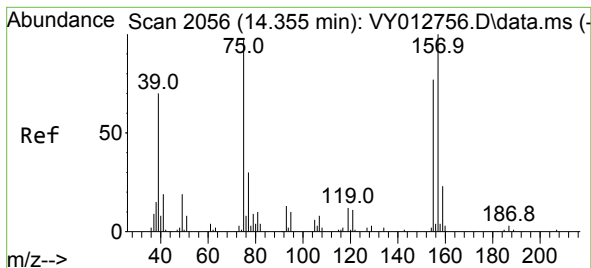
Tgt Ion: 117 Resp: 813

Ion Ratio Lower Upper

117 100

201 0.0 39.4 118.1#

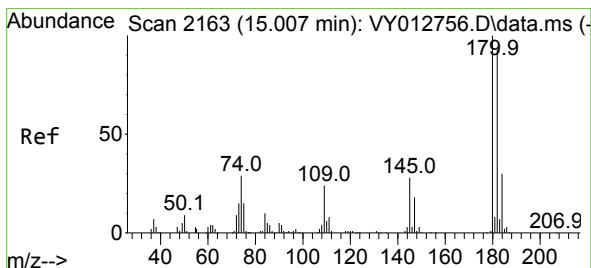
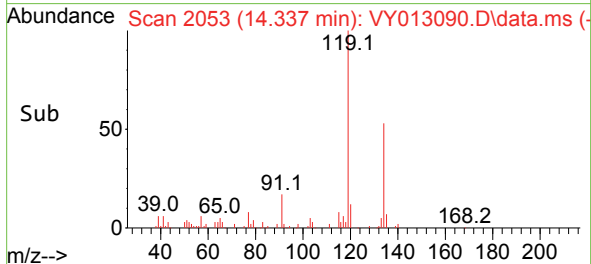
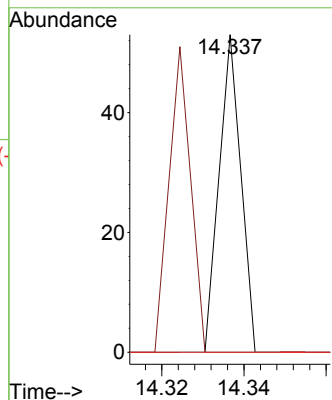
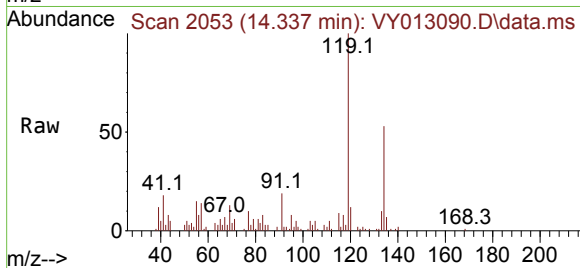




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.061 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

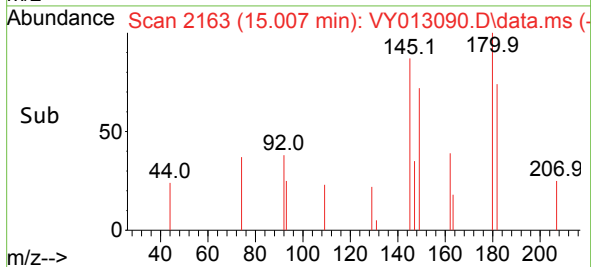
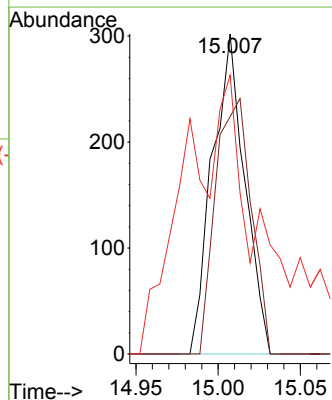
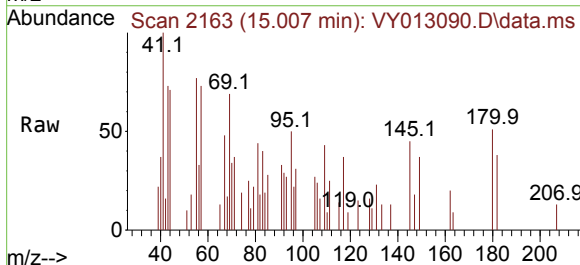
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1715

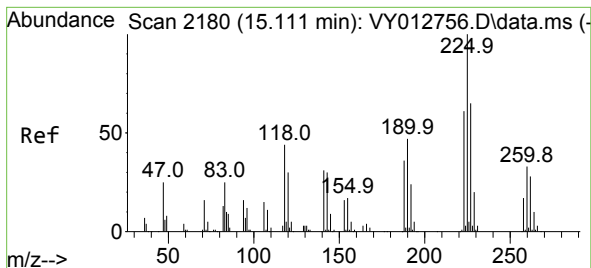
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 100.0 43.8 131.4
157 0.0 54.1 162.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.220 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013090.D
Acq: 27 Mar 2023 14:34

Tgt Ion:180 Resp: 414
Ion Ratio Lower Upper
180 100
182 88.2 46.7 140.1
145 61.8 14.6 43.8#





#94

Hexachlorobutadiene

Concen: 1.339 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1715

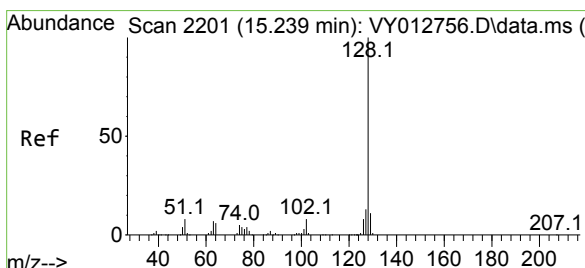
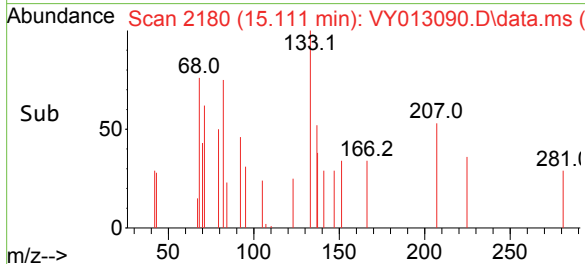
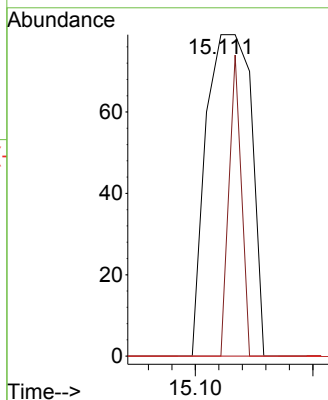
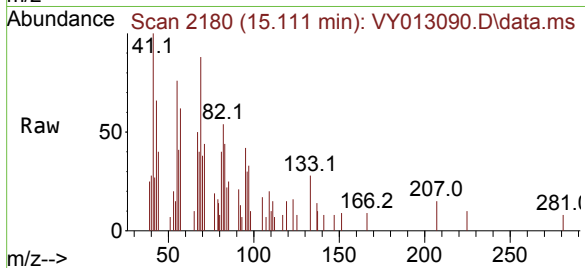
Tgt Ion:225 Resp: 105

Ion Ratio Lower Upper

225 100

223 25.7 31.1 93.3#

227 0.0 32.4 97.0#



#95

Naphthalene

Concen: 44.812 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY013090.D

Acq: 27 Mar 2023 14:34

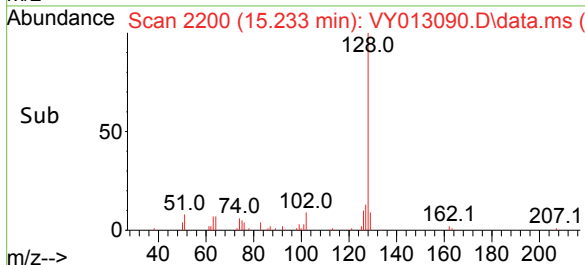
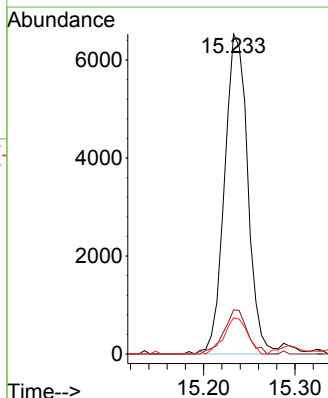
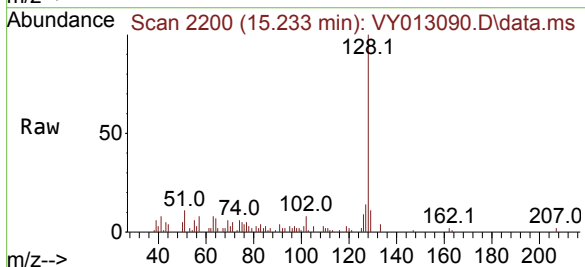
Tgt Ion:128 Resp: 11546

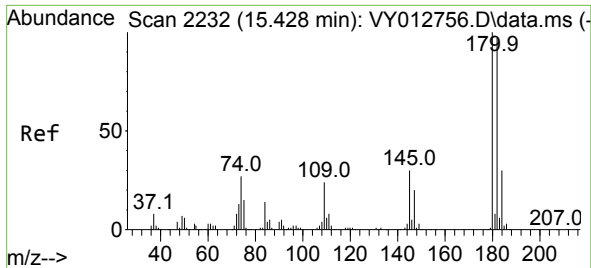
Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

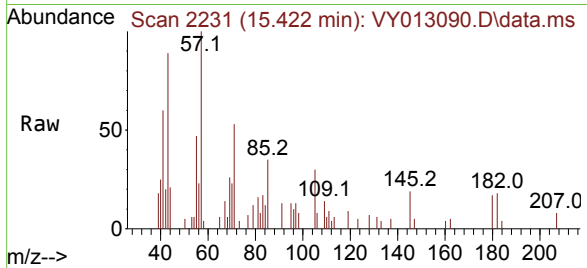
129 11.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.888 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY013090.D
 Acq: 27 Mar 2023 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1715



Tgt Ion:180 Resp: 559
 Ion Ratio Lower Upper
 180 100
 182 86.4 47.4 142.3
 145 120.9 15.3 45.8#

