

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013033.D
 Acq On : 21 Mar 2023 17:32
 Operator : KP/MD
 Sample : 02020-11RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Quant Time: Mar 22 04:22:58 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)

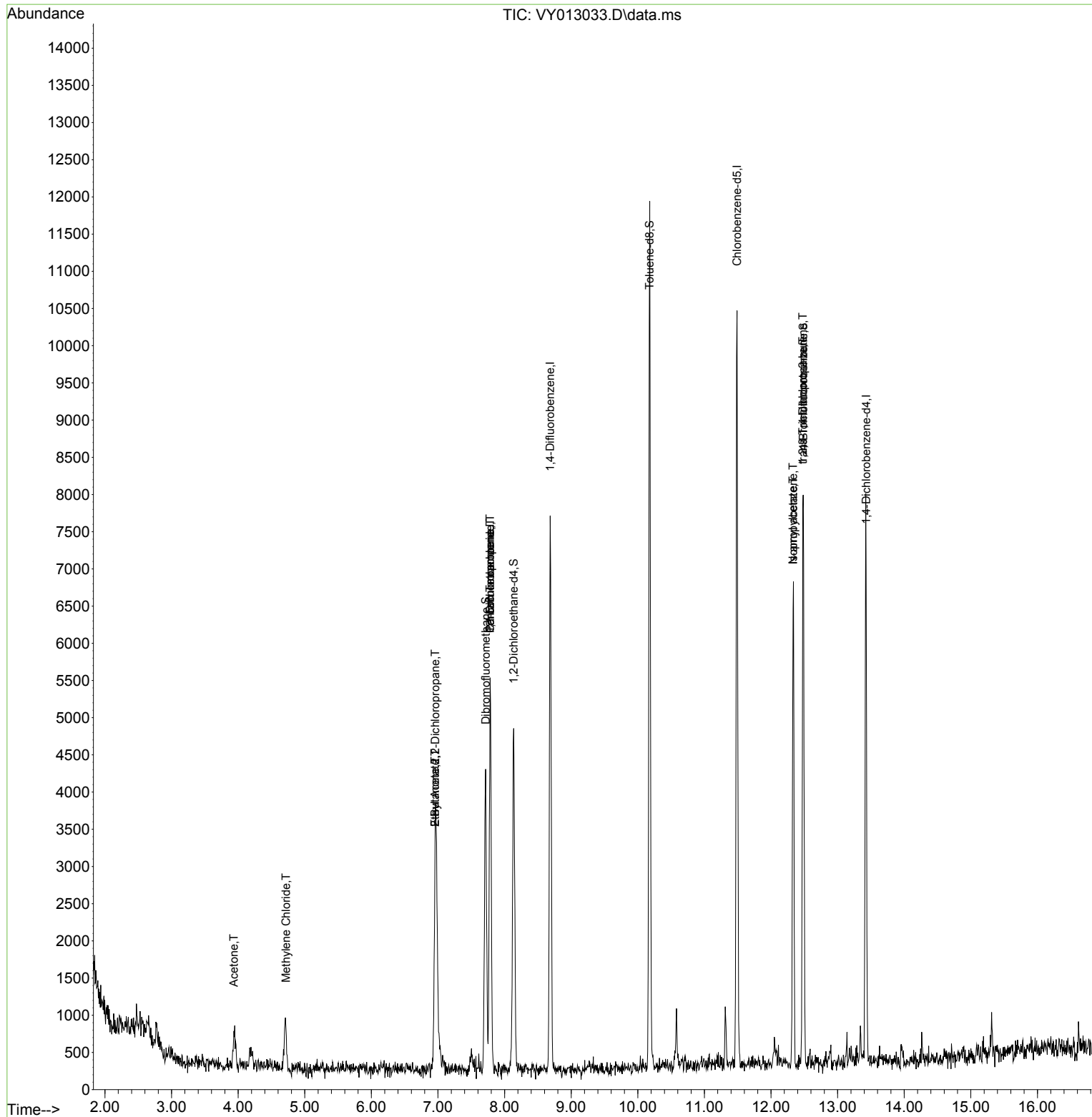
Internal Standards						
1) Pentafluorobenzene	7.783	168	4375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3574	82.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.560%#	
35) Dibromofluoromethane	7.716	113	2860	74.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.600%#	
50) Toluene-d8	10.179	98	7452	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.483	95	1725	36.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.120%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.936	59	20	Below Cal	#	74
16) Acetone	3.936	43	827	48.505	ug/l	90
20) Methylene Chloride	4.716	84	464	3.972	ug/l #	70
25) 2-Butanone	6.954	43	249	11.791	ug/l #	49
26) 2,2-Dichloropropane	6.960	77	179	2.340	ug/l #	52
36) 1,1-Dichloropropene	7.783	75	324	5.056	ug/l #	41
37) Ethyl Acetate	6.954	43	249	6.165	ug/l #	69
38) Carbon Tetrachloride	7.783	117	441	6.665	ug/l #	12
73) Isopropylbenzene	12.331	105	342	2.233	ug/l #	48
74) N-amyl acetate	12.331	43	172	3.569	ug/l #	23
76) 1,2,3-Trichloropropane	12.477	75	1109	42.975	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1109	89.045	ug/l #	13

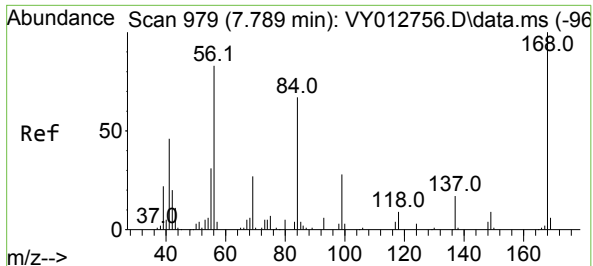
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
Data File : VY013033.D
Acq On : 21 Mar 2023 17:32
Operator : KP/MD
Sample : 02020-11RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

Quant Time: Mar 22 04:22:58 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

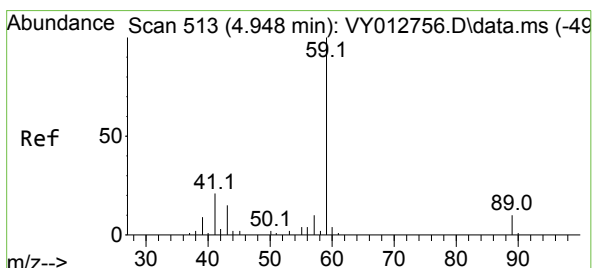
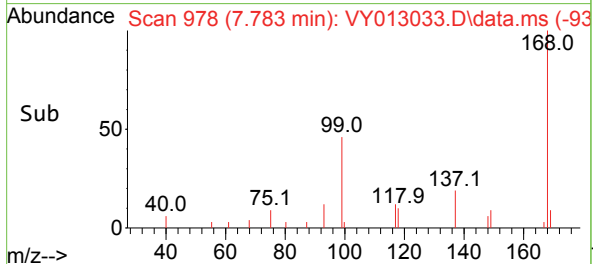
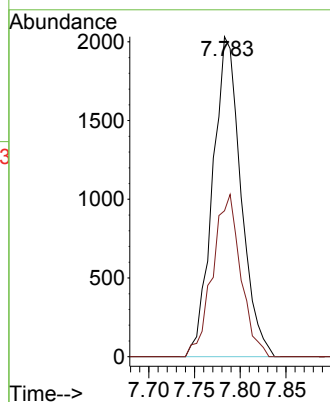
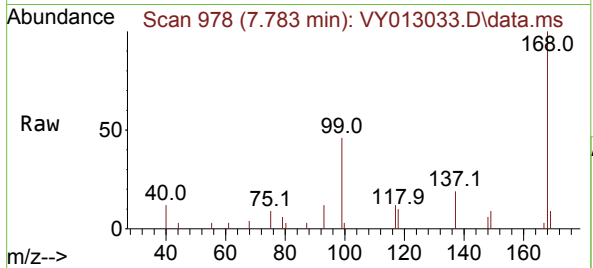




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

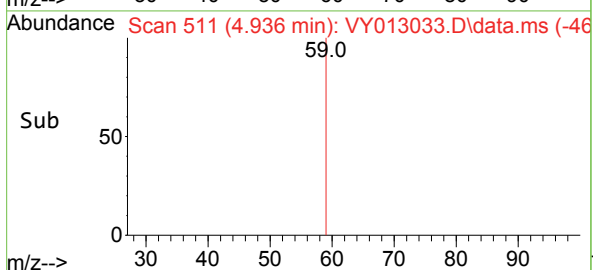
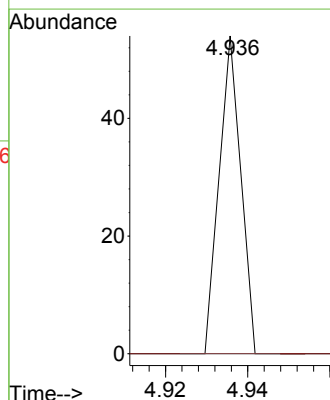
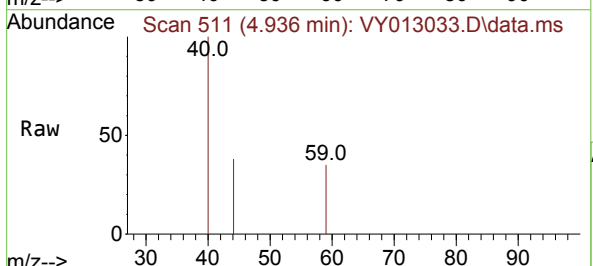
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

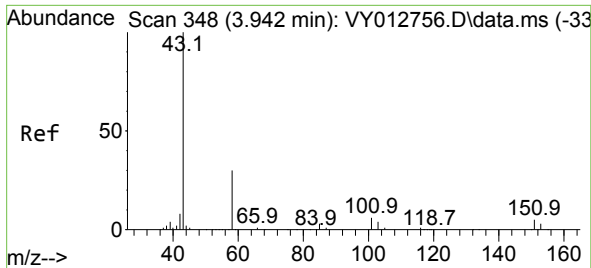
Tgt Ion:168 Resp: 4375
Ion Ratio Lower Upper
168 100
99 45.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 48.505 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY013033.D

Acq: 21 Mar 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

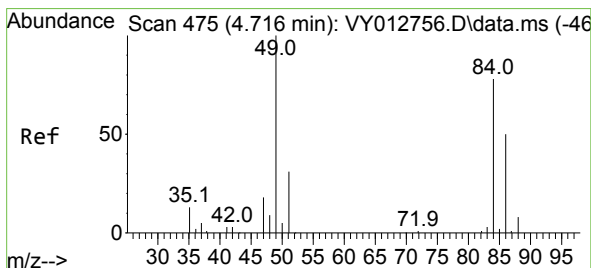
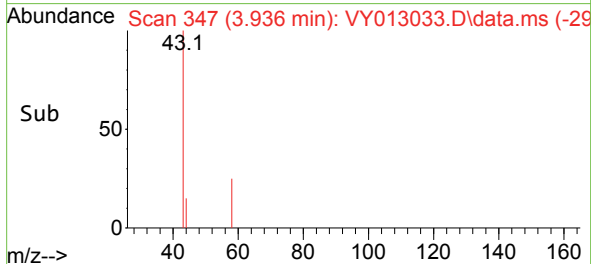
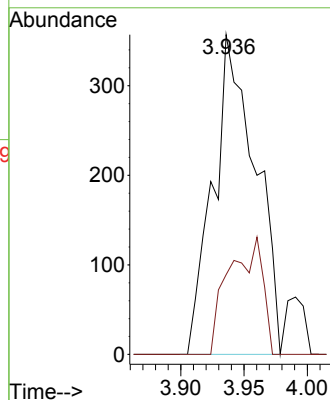
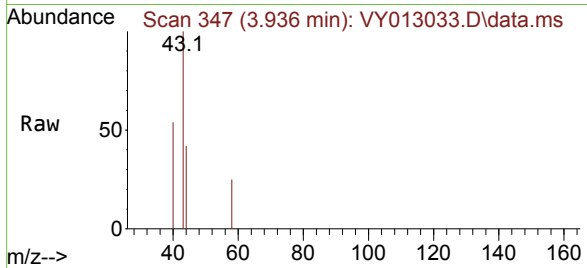
SP-2RE

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 24.9 24.2 36.2



#20

Methylene Chloride

Concen: 3.972 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013033.D

Acq: 21 Mar 2023 17:32

Tgt Ion: 84 Resp: 464

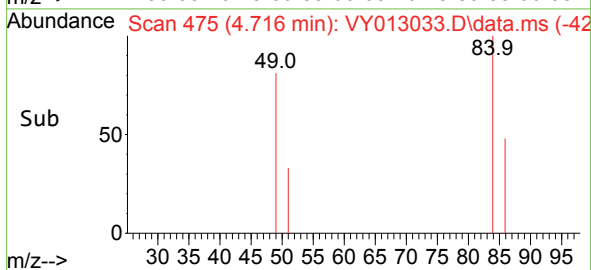
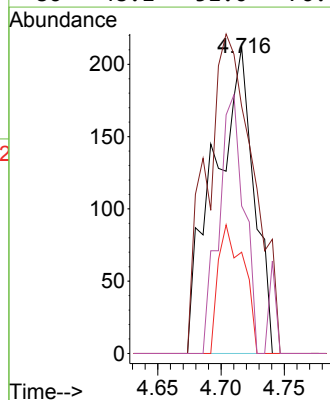
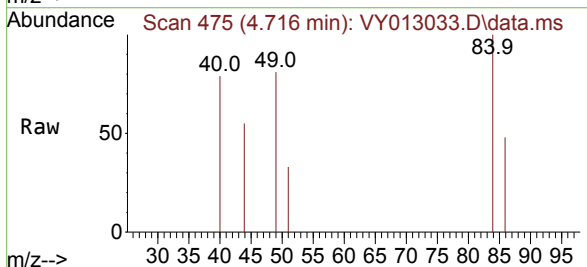
Ion Ratio Lower Upper

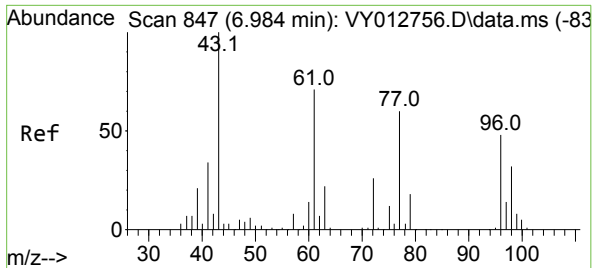
84 100

49 80.7 102.6 154.0#

51 33.0 31.9 47.9

86 48.1 51.0 76.6#

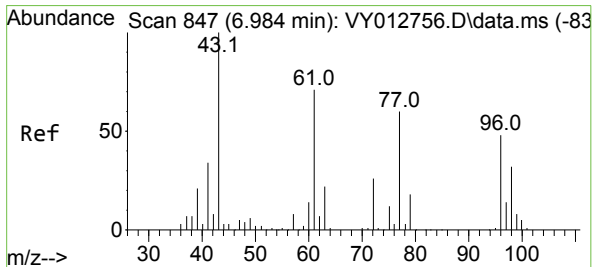
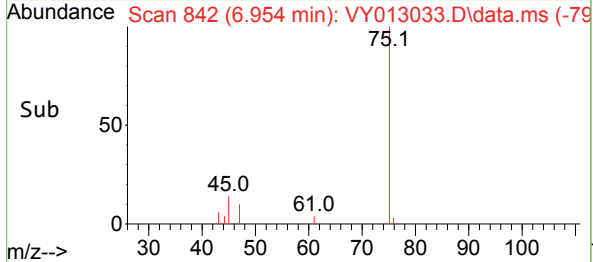
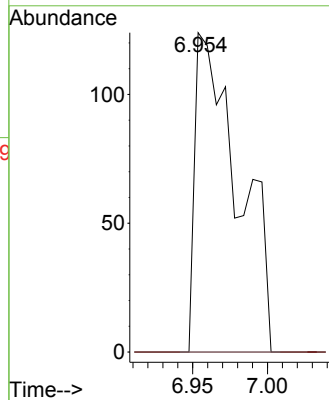
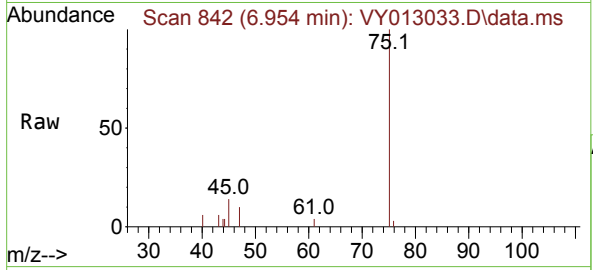




#25
2-Butanone
Concen: 11.791 ug/l
RT: 6.954 min Scan# 842
Delta R.T. -0.030 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

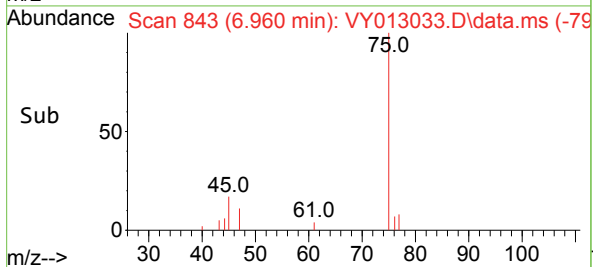
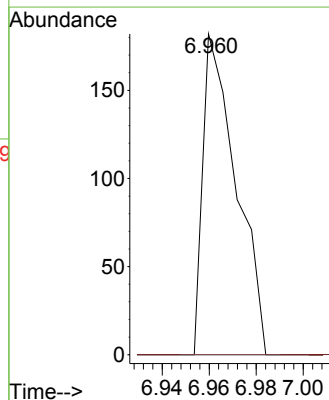
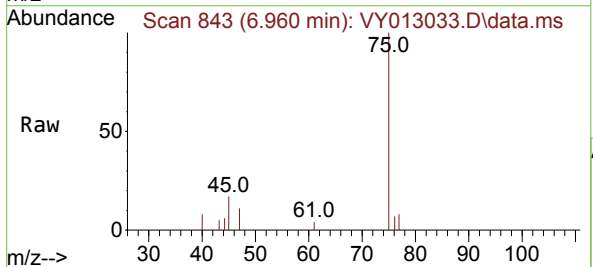
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

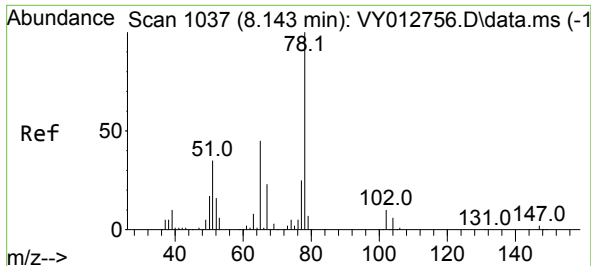
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 2.340 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.024 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 77 Resp: 179
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#

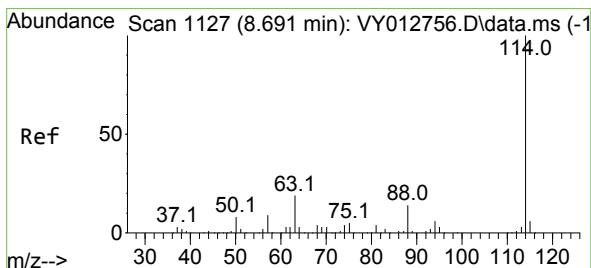
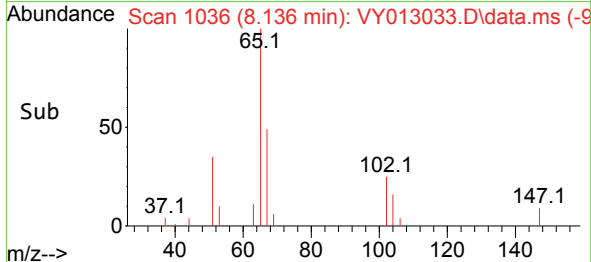
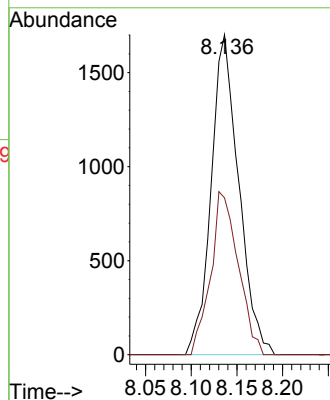
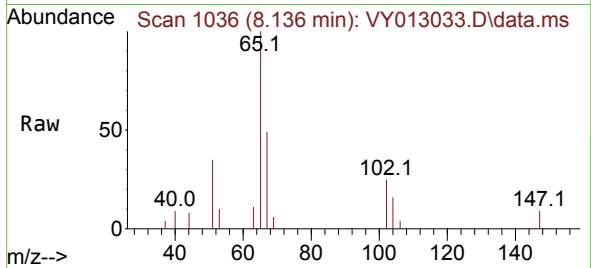




#33
 1,2-Dichloroethane-d4
 Concen: 82.278 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013033.D
 Acq: 21 Mar 2023 17:32

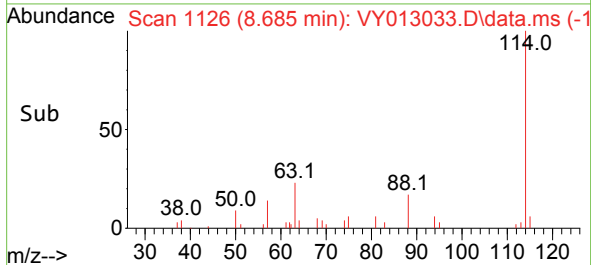
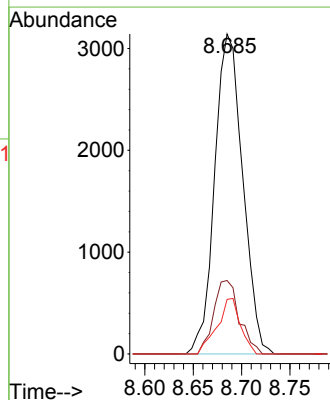
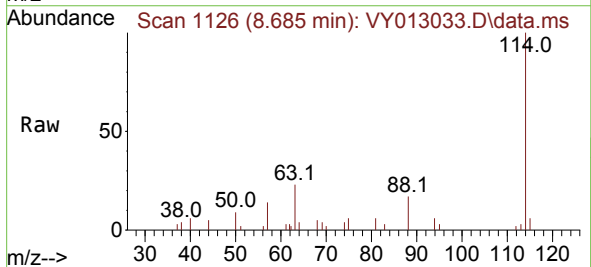
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

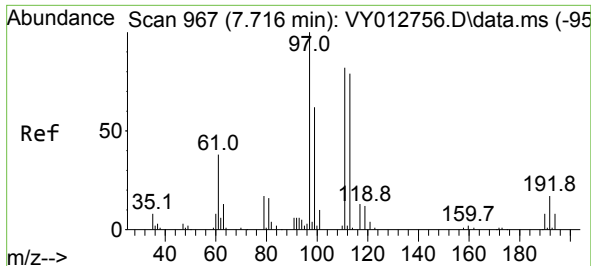
Tgt Ion: 65 Resp: 3574
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013033.D
 Acq: 21 Mar 2023 17:32

Tgt Ion: 114 Resp: 6336
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 37.4
 88 17.1 0.0 28.6

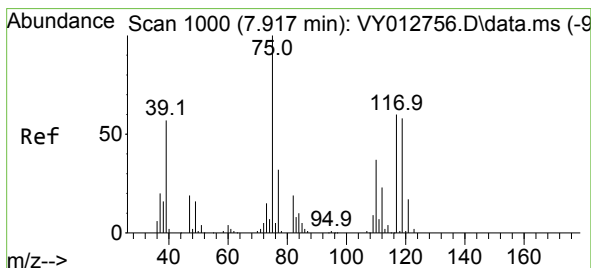
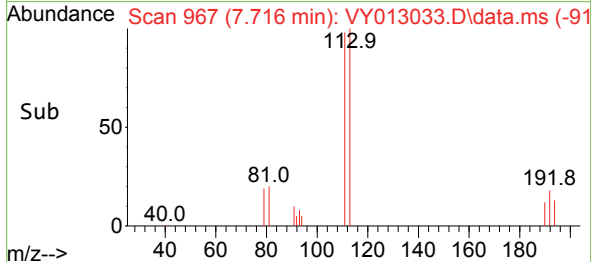
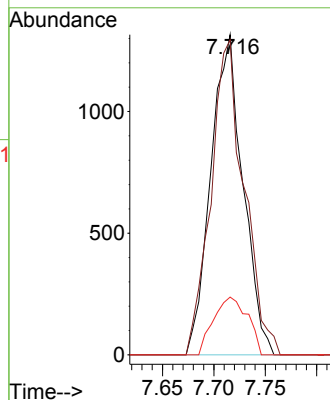
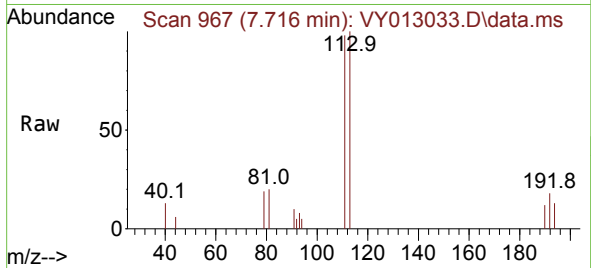




#35
Dibromofluoromethane
Concen: 74.795 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

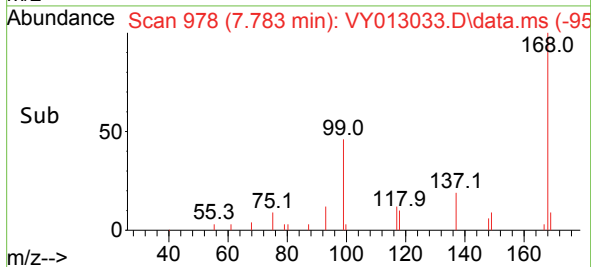
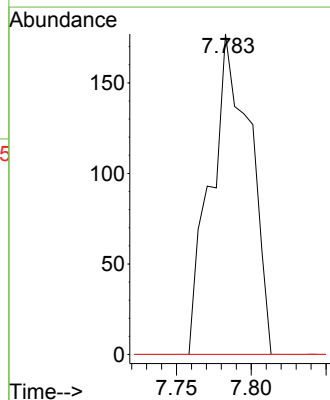
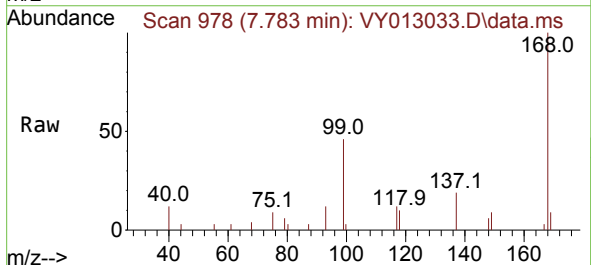
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

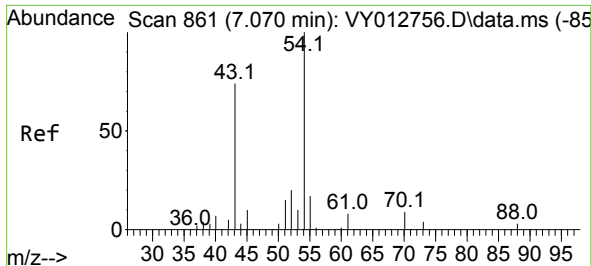
Tgt Ion:113 Resp: 2860
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 75 Resp: 324
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 6.165 ug/l

RT: 6.954 min Scan# 84

Delta R.T. -0.116 min

Lab File: VY013033.D

Acq: 21 Mar 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

SP-2RE

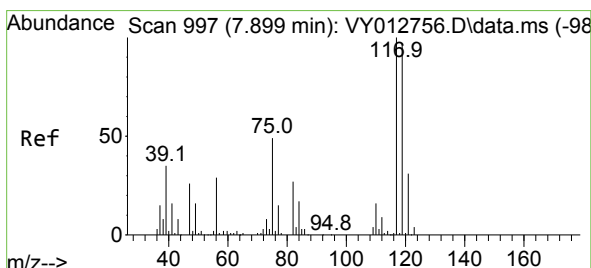
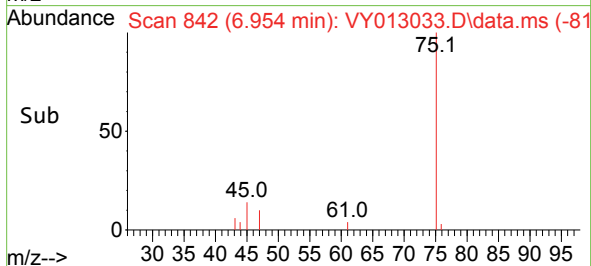
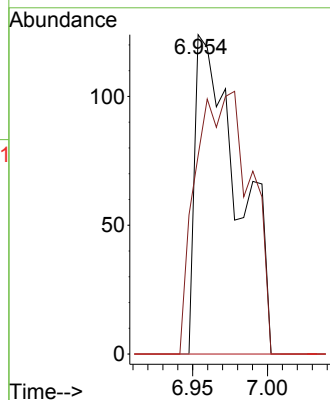
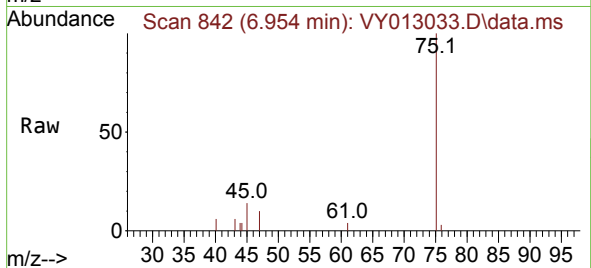
Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.665 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013033.D

Acq: 21 Mar 2023 17:32

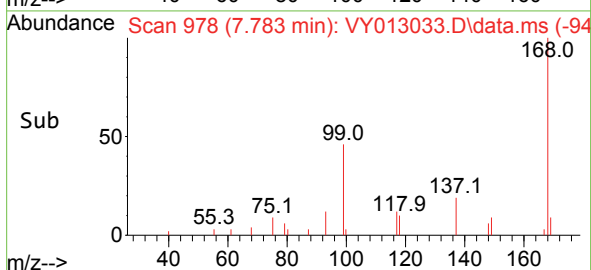
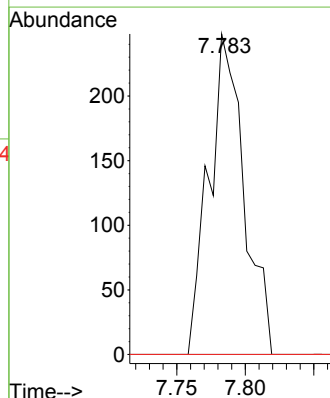
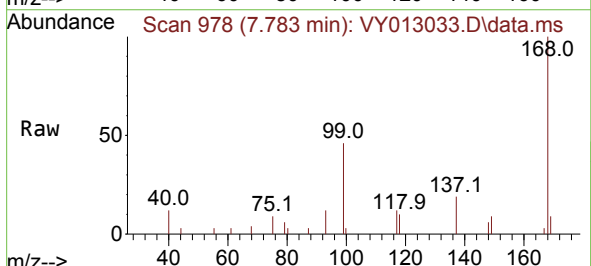
Tgt Ion: 117 Resp: 441

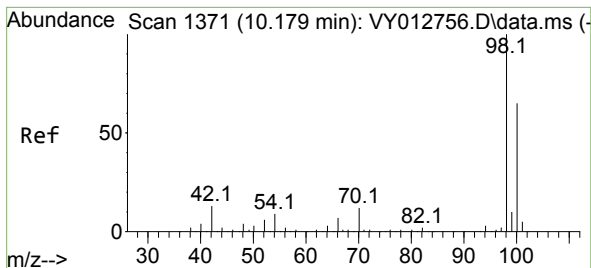
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#

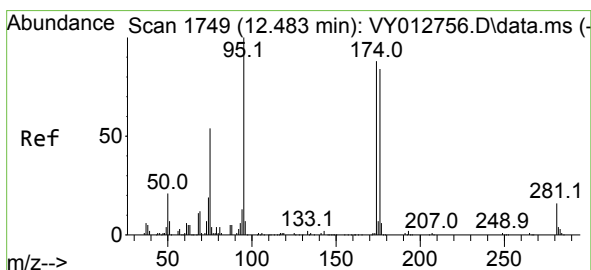
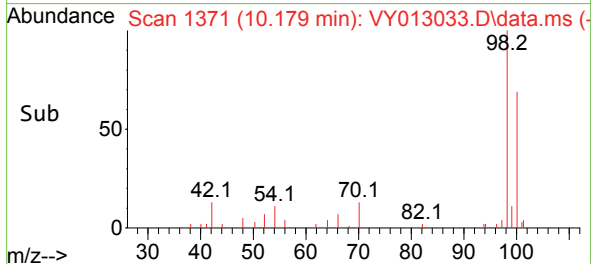
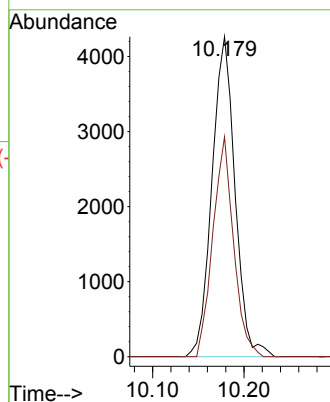
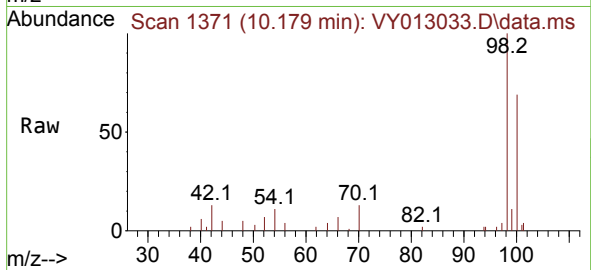




#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

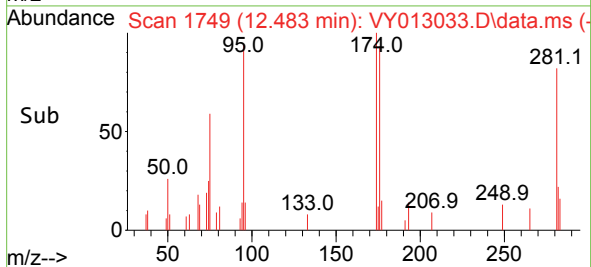
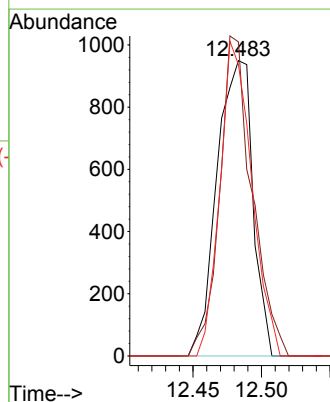
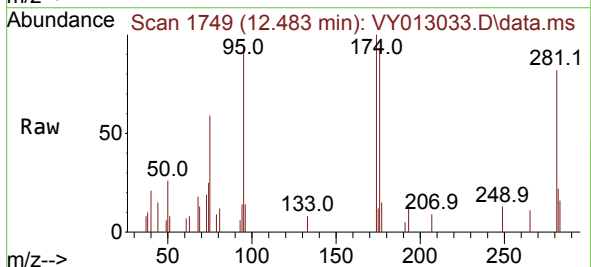
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

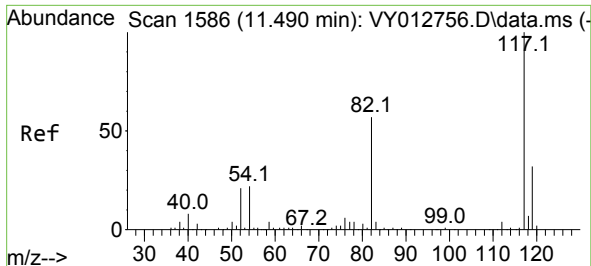
Tgt Ion: 98 Resp: 7452
Ion Ratio Lower Upper
98 100
100 61.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 36.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 95 Resp: 1725
Ion Ratio Lower Upper
95 100
174 97.8 0.0 176.6
176 94.3 0.0 170.2

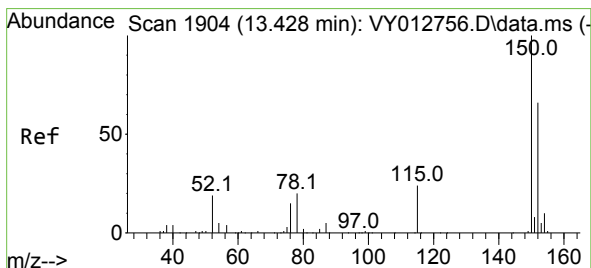
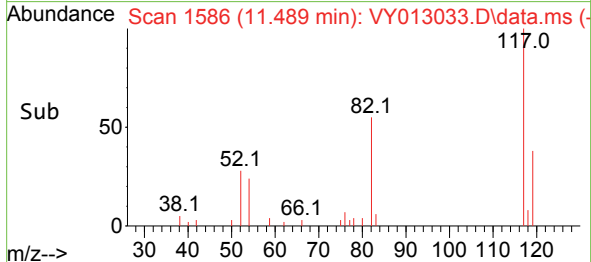
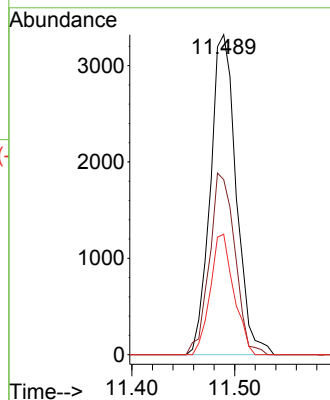
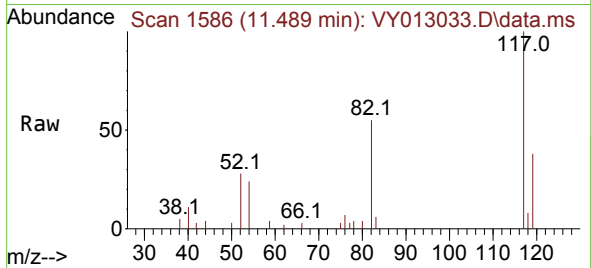




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

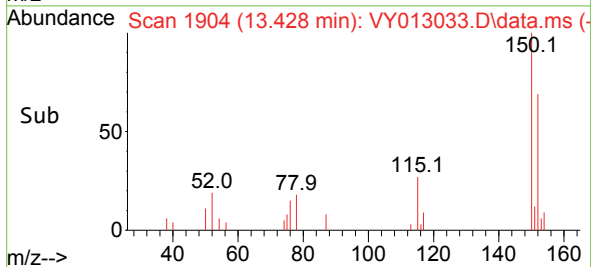
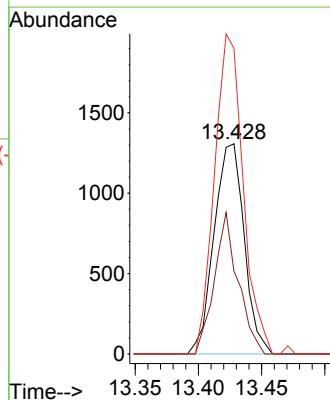
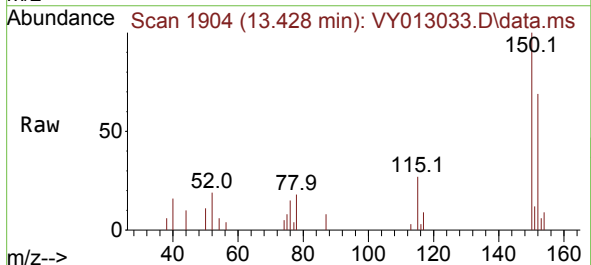
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

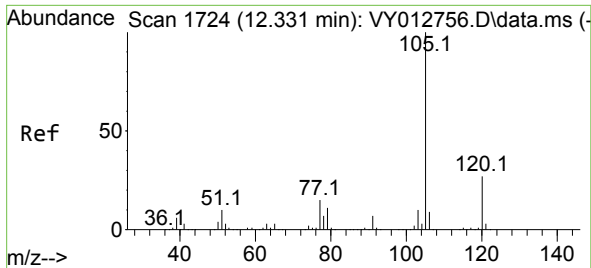
Tgt Ion:117 Resp: 5801
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 37.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion:152 Resp: 2161
Ion Ratio Lower Upper
152 100
115 53.1 27.1 81.3
150 145.0 0.0 347.8

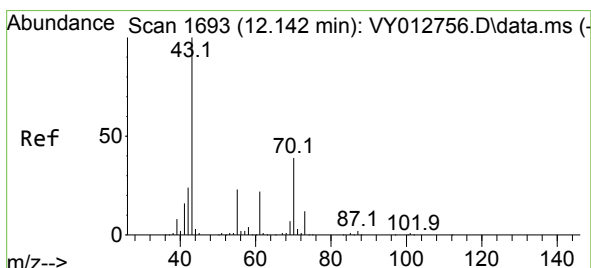
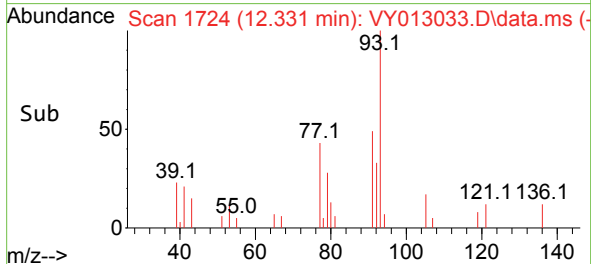
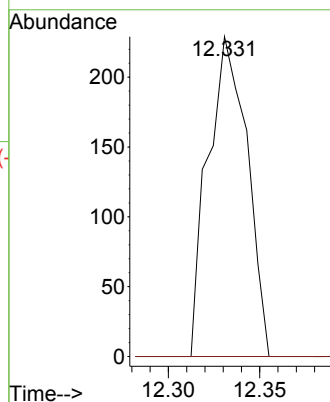
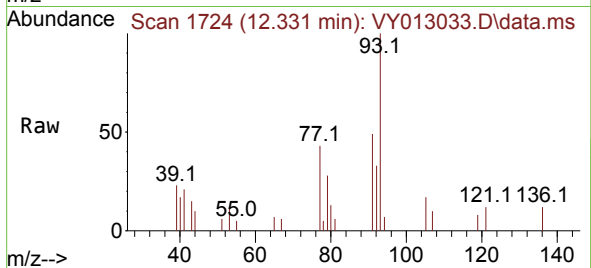




#73
Isopropylbenzene
Concen: 2.233 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

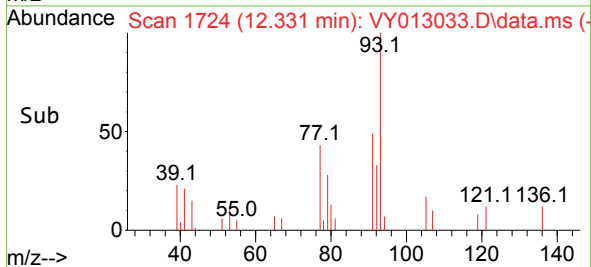
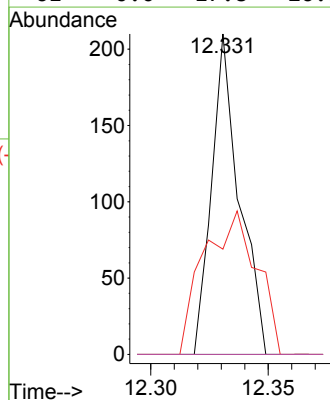
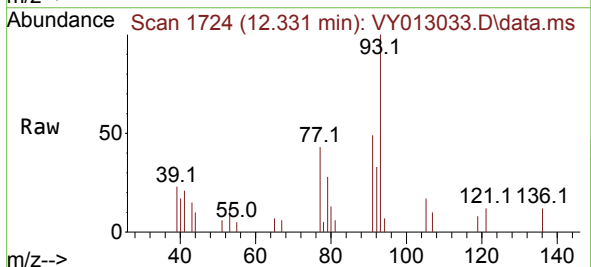
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

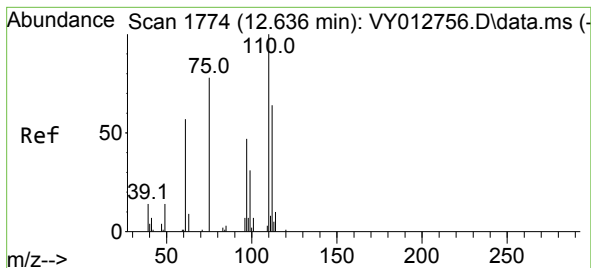
Tgt Ion:105 Resp: 342
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



#74
N-ethyl acetate
Concen: 3.569 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.189 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
70 0.0 31.6 47.4#
55 85.5 18.8 28.2#
61 0.0 17.8 26.8#





#76

1,2,3-Trichloropropane

Concen: 42.975 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013033.D

Acq: 21 Mar 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

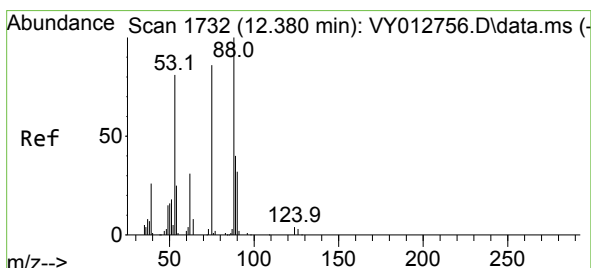
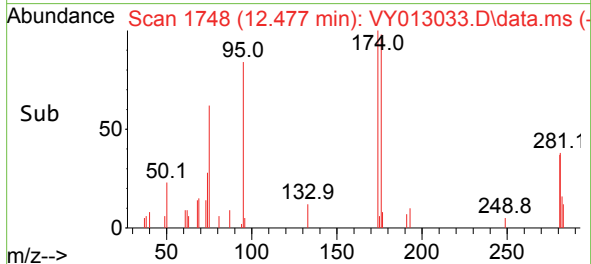
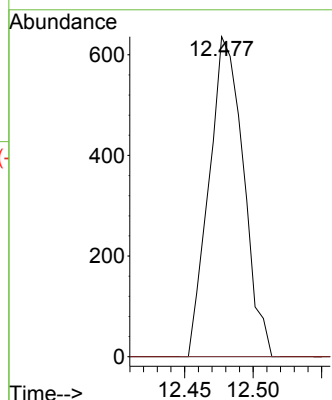
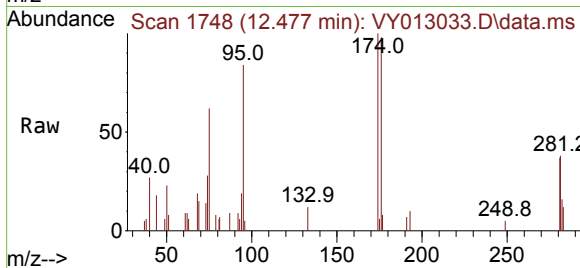
SP-2RE

Tgt Ion: 75 Resp: 1109

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 89.045 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013033.D

Acq: 21 Mar 2023 17:32

Tgt Ion: 75 Resp: 1109

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

