

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016414.D
 Acq On : 17 Nov 2023 16:53
 Operator : SY/MD
 Sample : 05463-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:22:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94261	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	169116	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.490	117	163355	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	74928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58845	68.305	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.600%
35) Dibromofluoromethane	7.716	113	53740	55.939	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.880%
50) Toluene-d8	10.179	98	199496	51.208	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.483	95	67874	53.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.280%

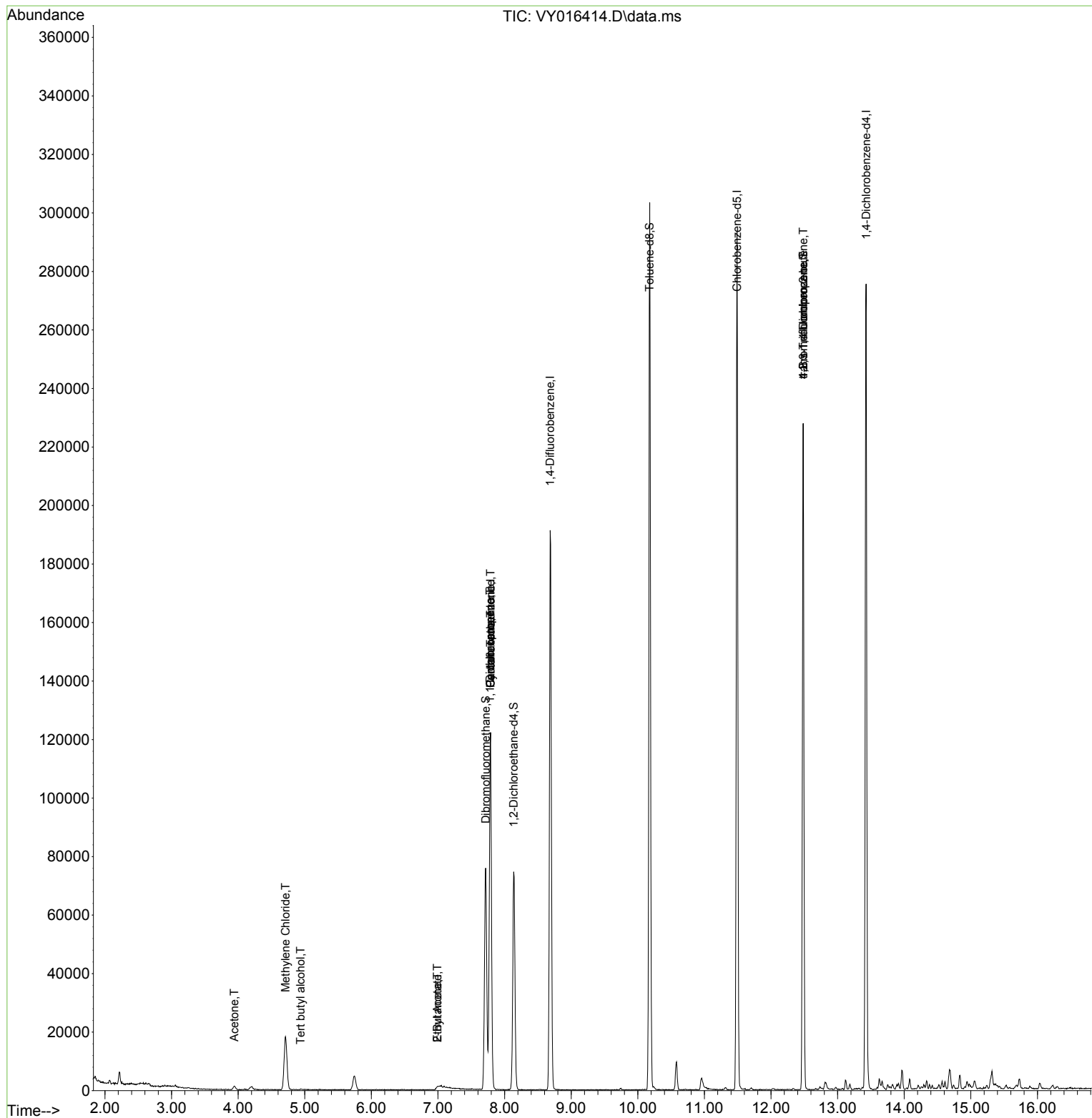
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	424	6.285	ug/l #	89
16) Acetone	3.942	43	2152	15.101	ug/l #	86
20) Methylene Chloride	4.710	84	14782	12.041	ug/l #	84
25) 2-Butanone	6.990	43	1131	4.531	ug/l	100
31) Cyclohexane	7.789	56	1766	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7253	4.348	ug/l #	50
37) Ethyl Acetate	6.990	43	1131	1.678	ug/l #	71
38) Carbon Tetrachloride	7.789	117	9618	5.555	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34838	48.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34838	105.205	ug/l #	10

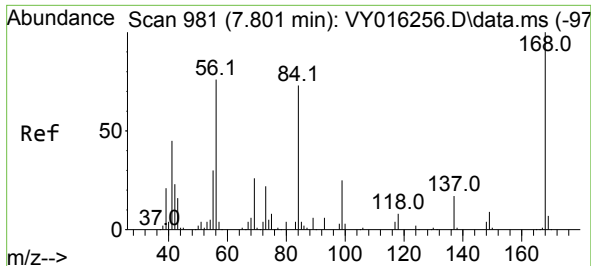
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
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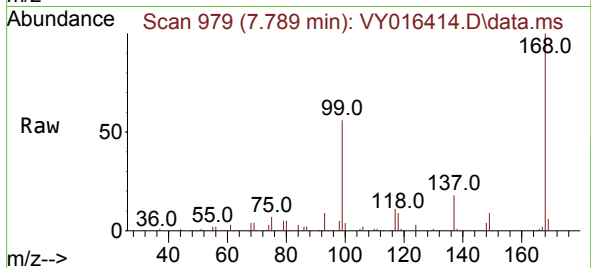
Quant Time: Nov 18 05:22:06 2023
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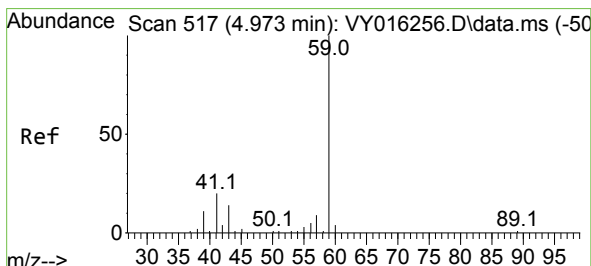
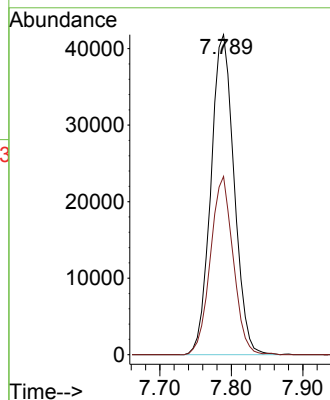
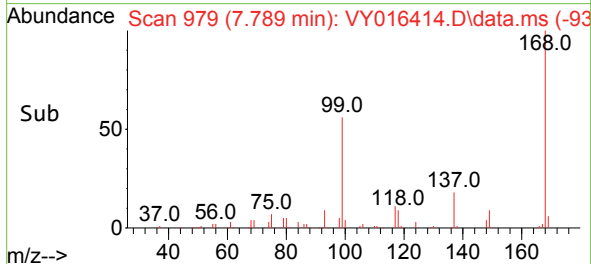


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Instrument :
MSVOA_Y
ClientSampleId :

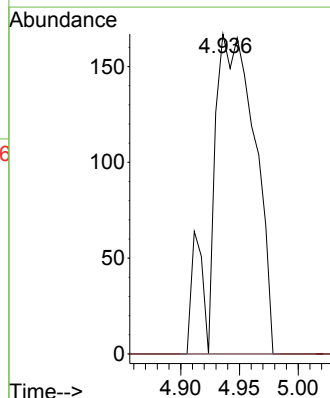
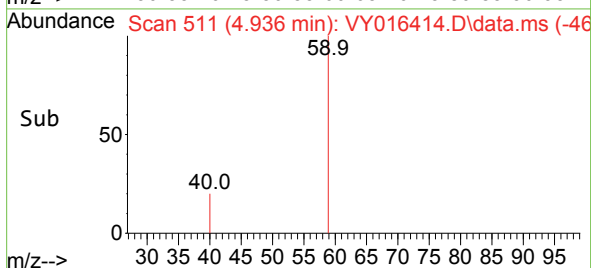
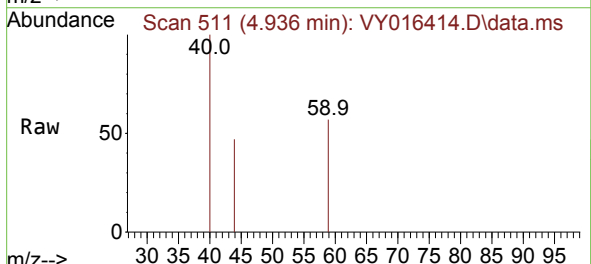


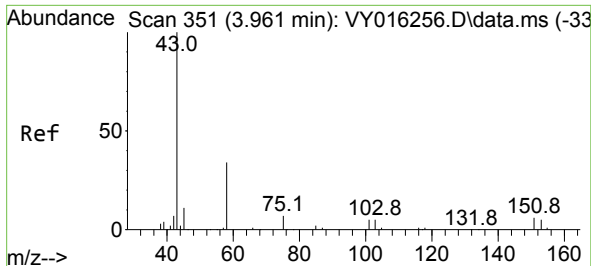
Tgt Ion:168 Resp: 94261
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.285 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

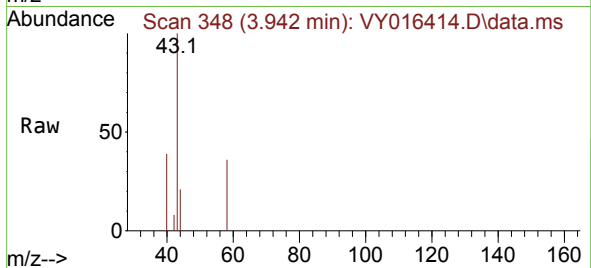
Tgt Ion: 59 Resp: 424
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



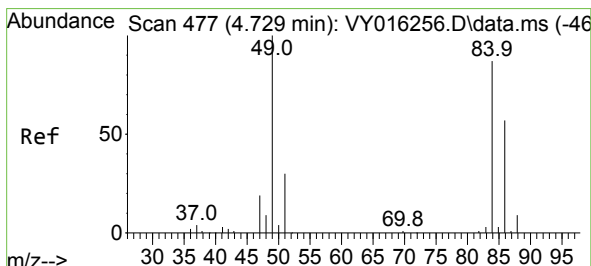
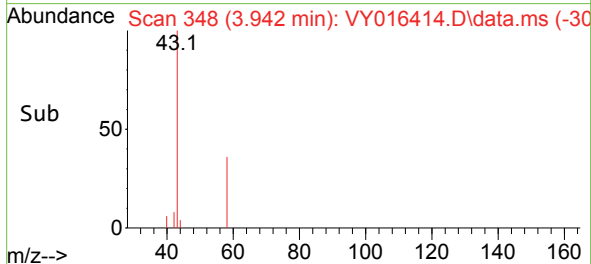
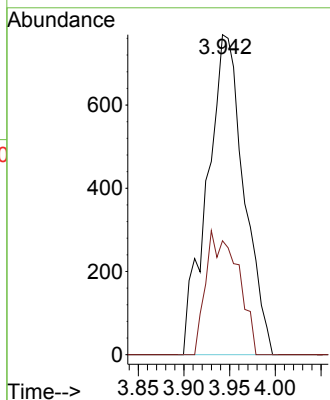


#16
Acetone
Concen: 15.101 ug/l
RT: 3.942 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Instrument :
MSVOA_Y
ClientSampleId :

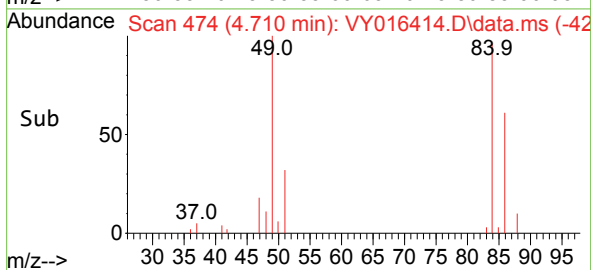
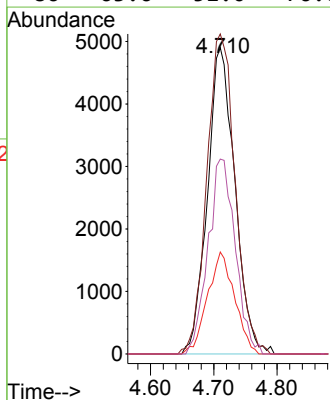
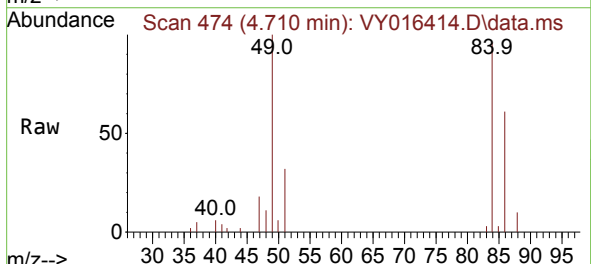


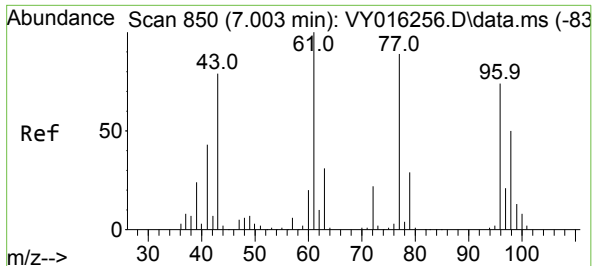
Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#



#20
Methylene Chloride
Concen: 12.041 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Tgt Ion: 84 Resp: 14782
Ion Ratio Lower Upper
84 100
49 104.5 106.9 160.3#
51 33.3 33.2 49.8
86 63.6 51.0 76.6





#25

2-Butanone

Concen: 4.531 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016414.D

Acq: 17 Nov 2023 16:53

Instrument :

MSVOA_Y

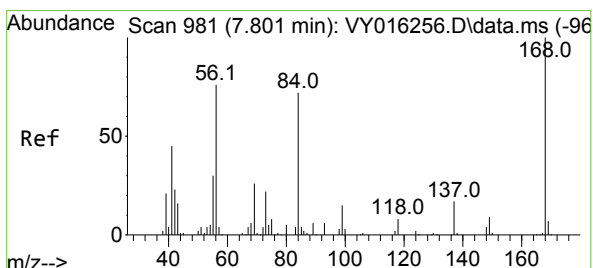
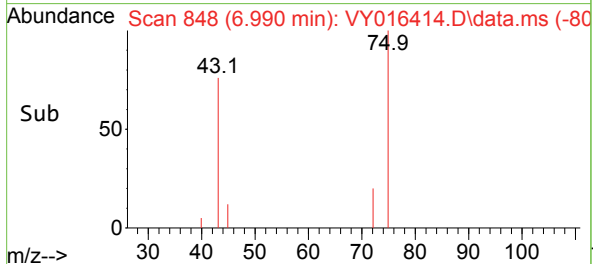
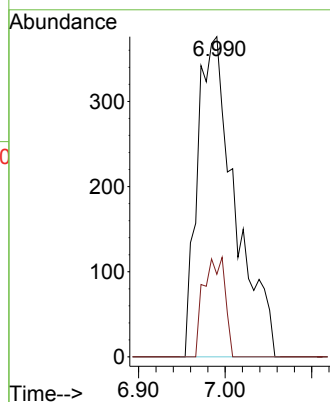
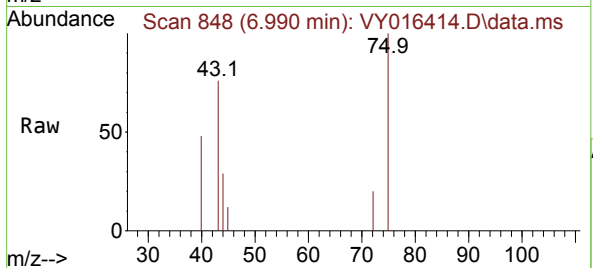
ClientSampleId :

Tgt Ion: 43 Resp: 1131

Ion Ratio Lower Upper

43 100

72 25.8 20.5 30.7



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.012 min

Lab File: VY016414.D

Acq: 17 Nov 2023 16:53

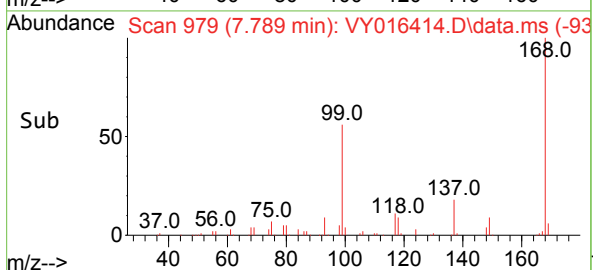
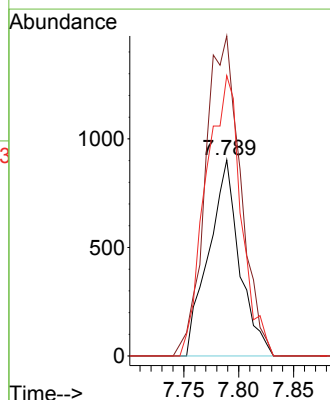
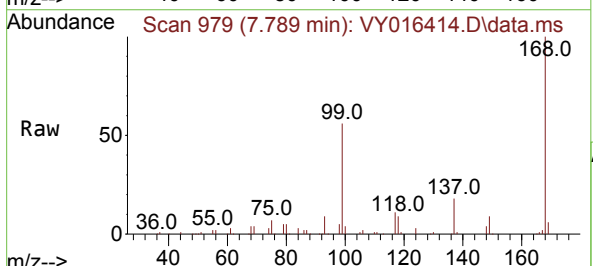
Tgt Ion: 56 Resp: 1766

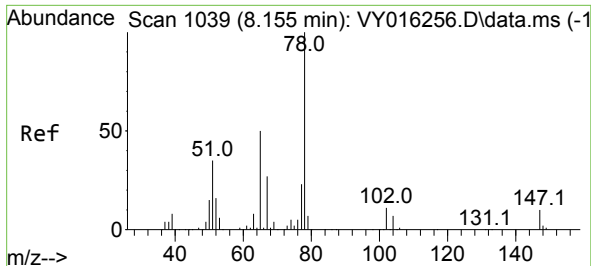
Ion Ratio Lower Upper

56 100

69 163.2 27.8 41.6#

84 143.0 66.4 99.6#

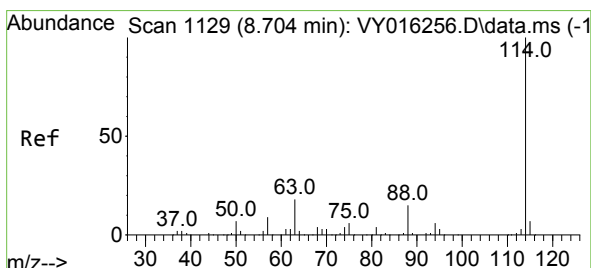
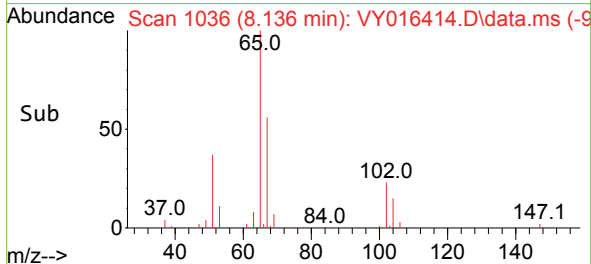
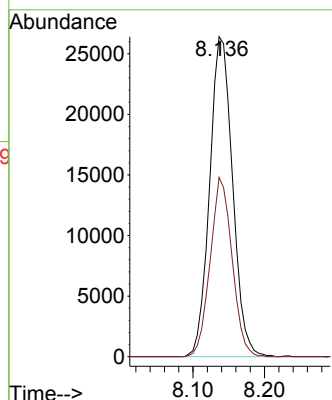
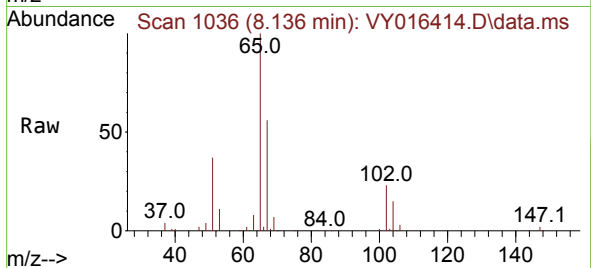




#33
 1,2-Dichloroethane-d4
 Concen: 68.305 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.018 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

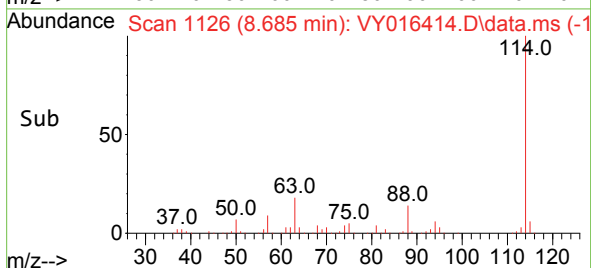
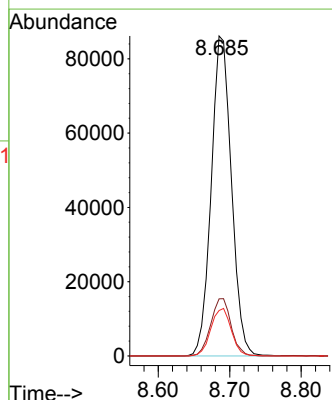
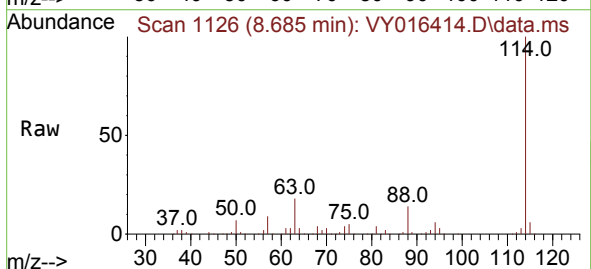
Instrument :
 MSVOA_Y
 ClientSampleId :

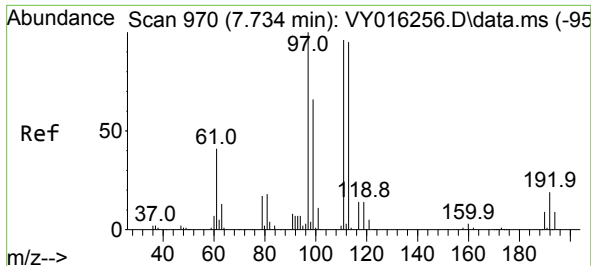
Tgt Ion: 65 Resp: 58845
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.018 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

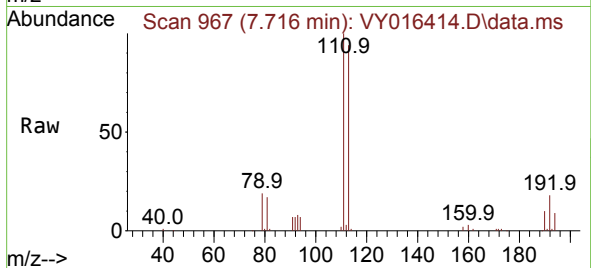
Tgt Ion: 114 Resp: 169116
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 42.4
 88 14.2 0.0 30.6



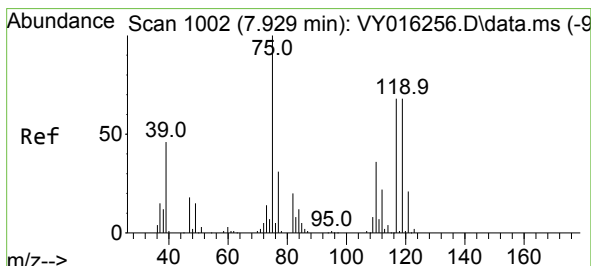
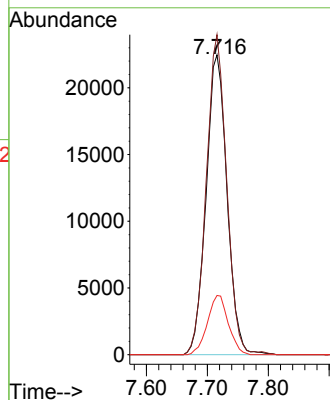
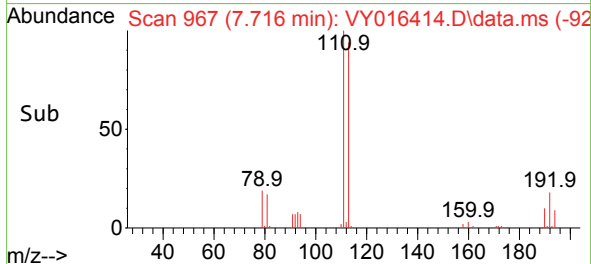


#35
 Dibromofluoromethane
 Concen: 55.939 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :

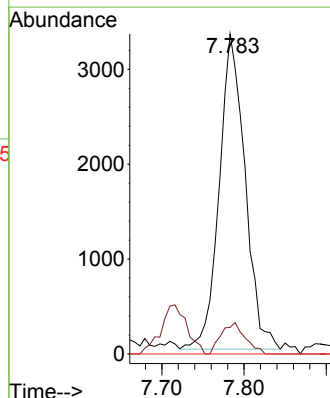
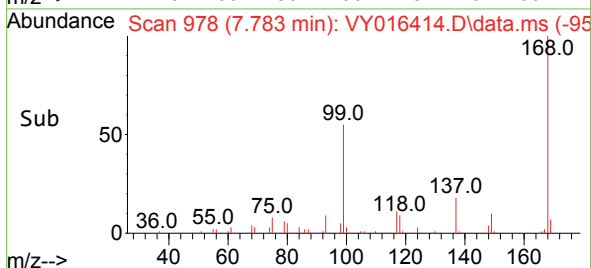
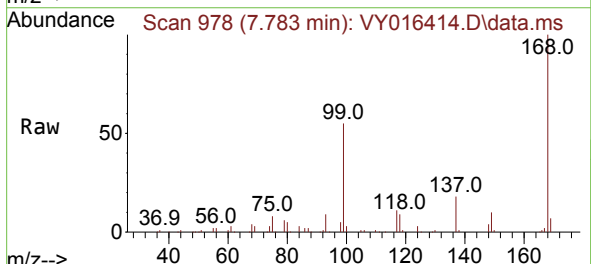


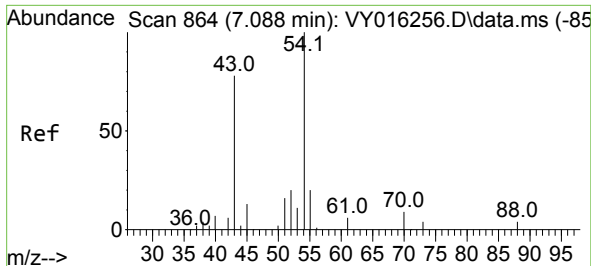
Tgt Ion:113 Resp: 53740
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 19.7 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.348 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.146 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

Tgt Ion: 75 Resp: 7253
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.8 53.5#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.678 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.098 min

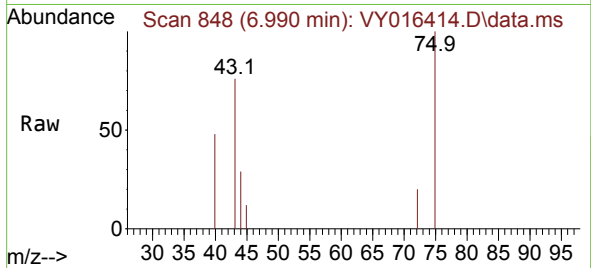
Lab File: VY016414.D

Acq: 17 Nov 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :



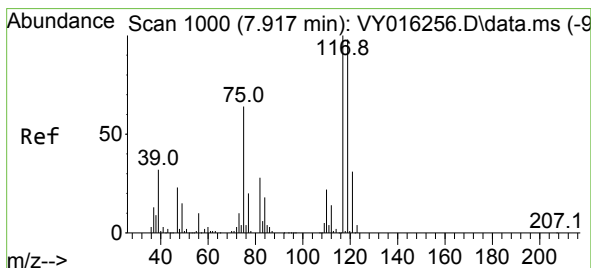
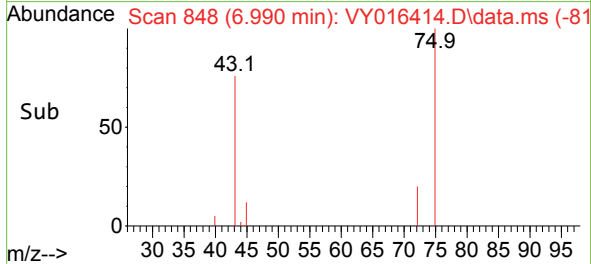
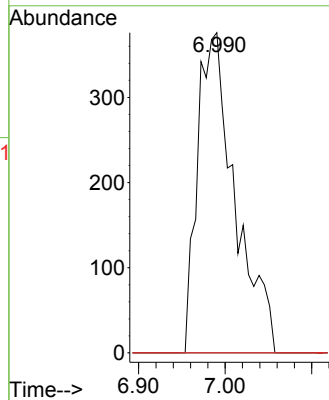
Tgt Ion: 43 Resp: 1131

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY016414.D

Acq: 17 Nov 2023 16:53

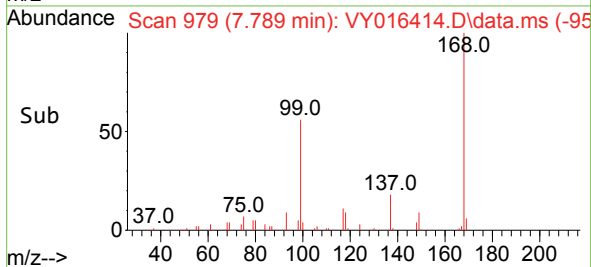
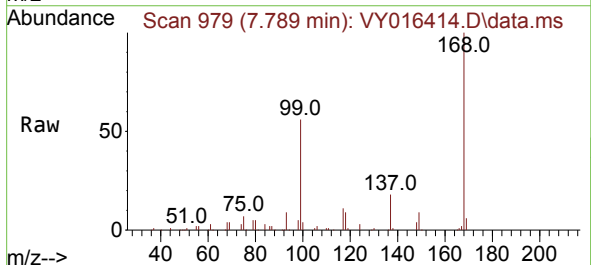
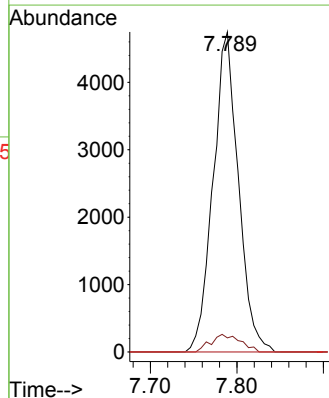
Tgt Ion: 117 Resp: 9618

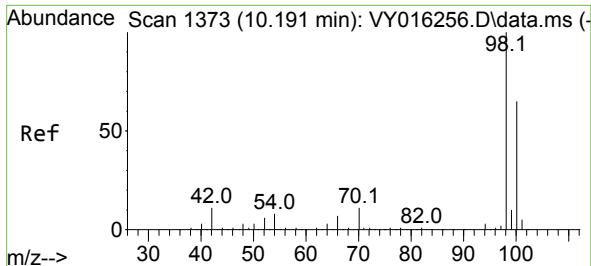
Ion Ratio Lower Upper

117 100

119 4.4 76.4 114.6#

121 0.0 25.8 38.6#

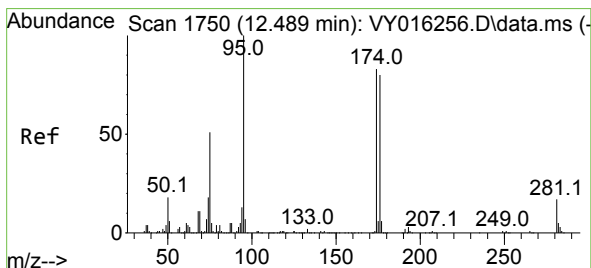
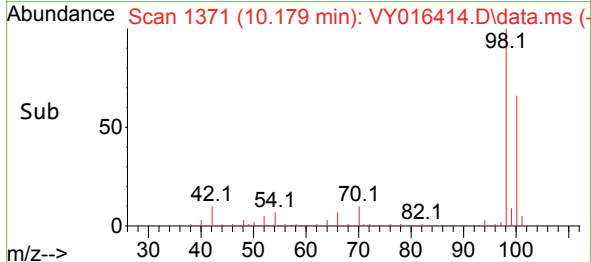
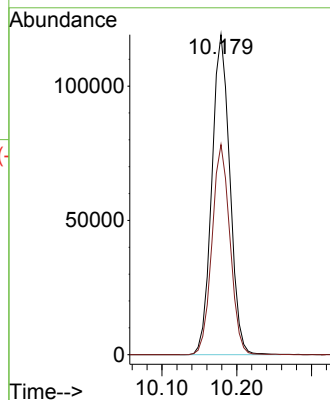
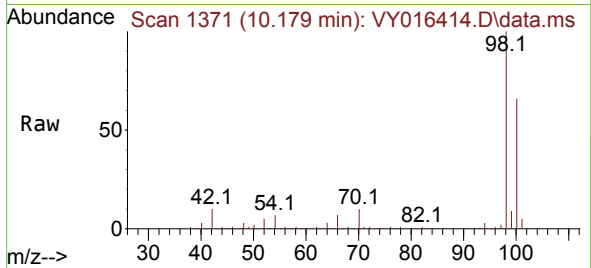




#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

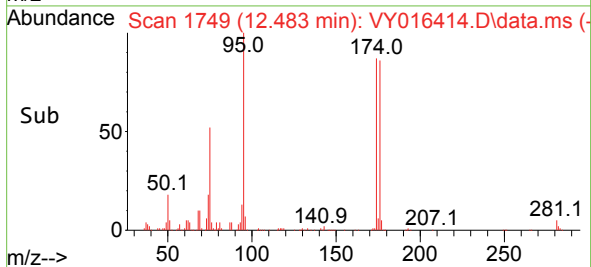
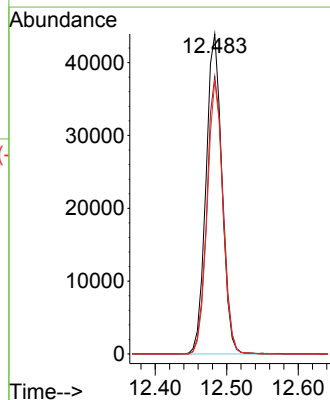
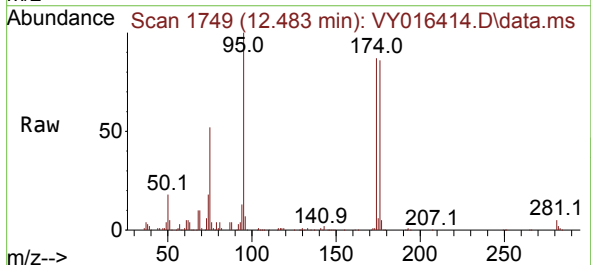
Instrument :
MSVOA_Y
ClientSampleId :

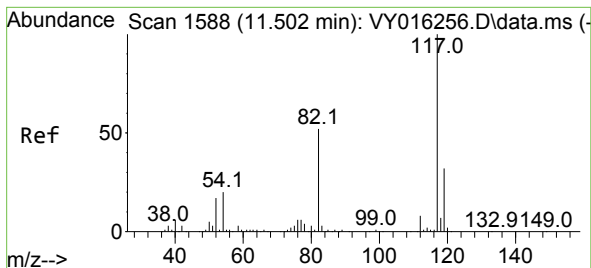
Tgt Ion: 98 Resp: 199496
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Tgt Ion: 95 Resp: 67874
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 83.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

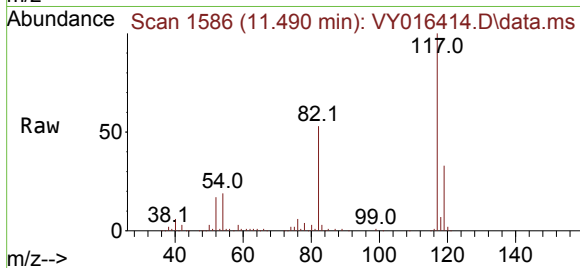
Lab File: VY016414.D

Acq: 17 Nov 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :



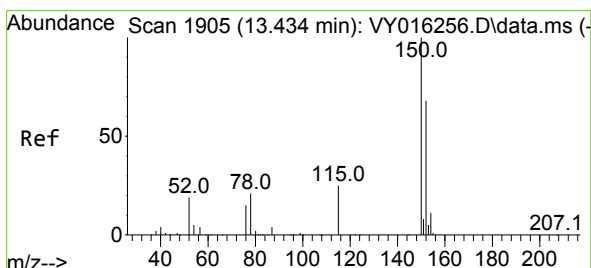
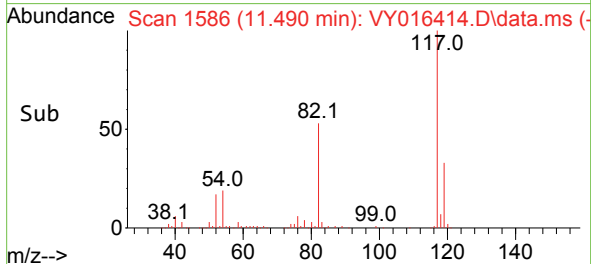
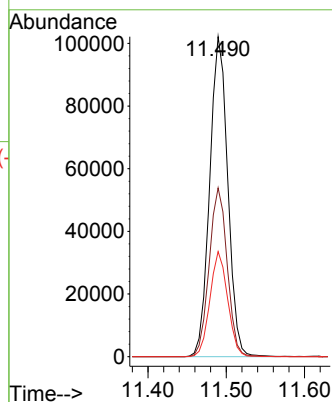
Tgt Ion:117 Resp: 163355

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016414.D

Acq: 17 Nov 2023 16:53

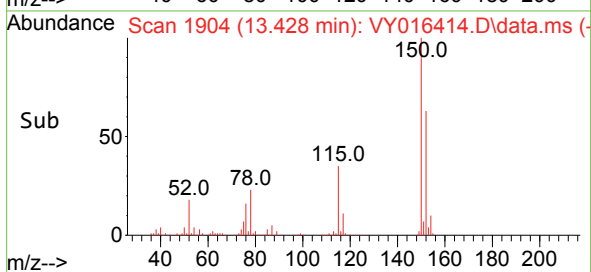
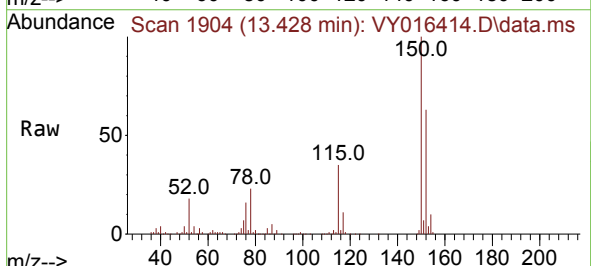
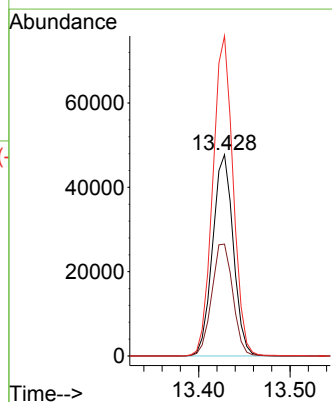
Tgt Ion:152 Resp: 74928

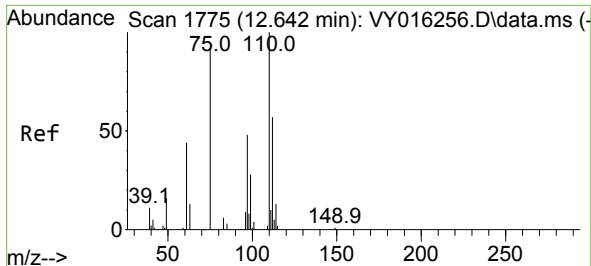
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.1 0.0 348.8

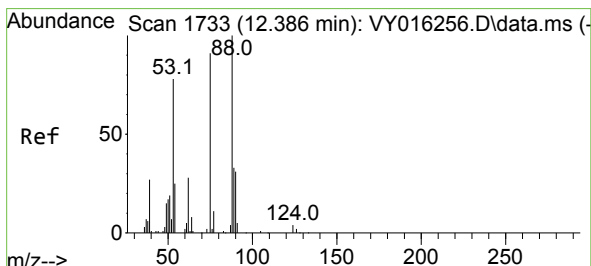
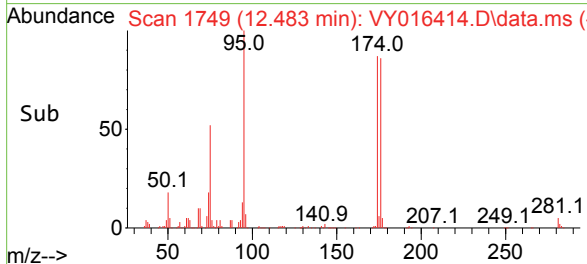
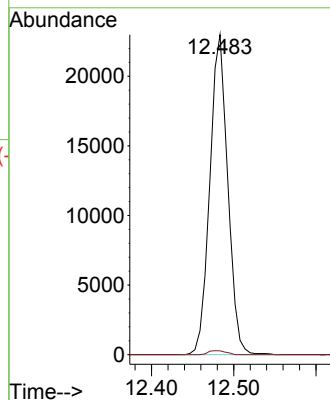
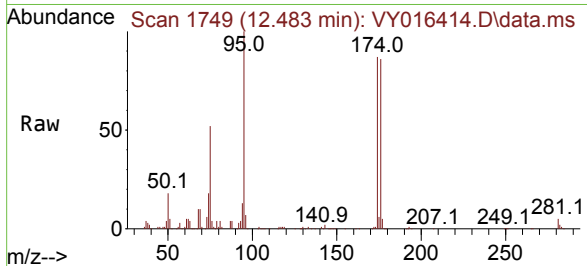




#76
1,2,3-Trichloropropane
Concen: 48.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34838
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.205 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Tgt Ion: 75 Resp: 34838
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

