

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016394.D
 Acq On : 16 Nov 2023 16:50
 Operator : SY/MD
 Sample : 05447-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:08:50 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)

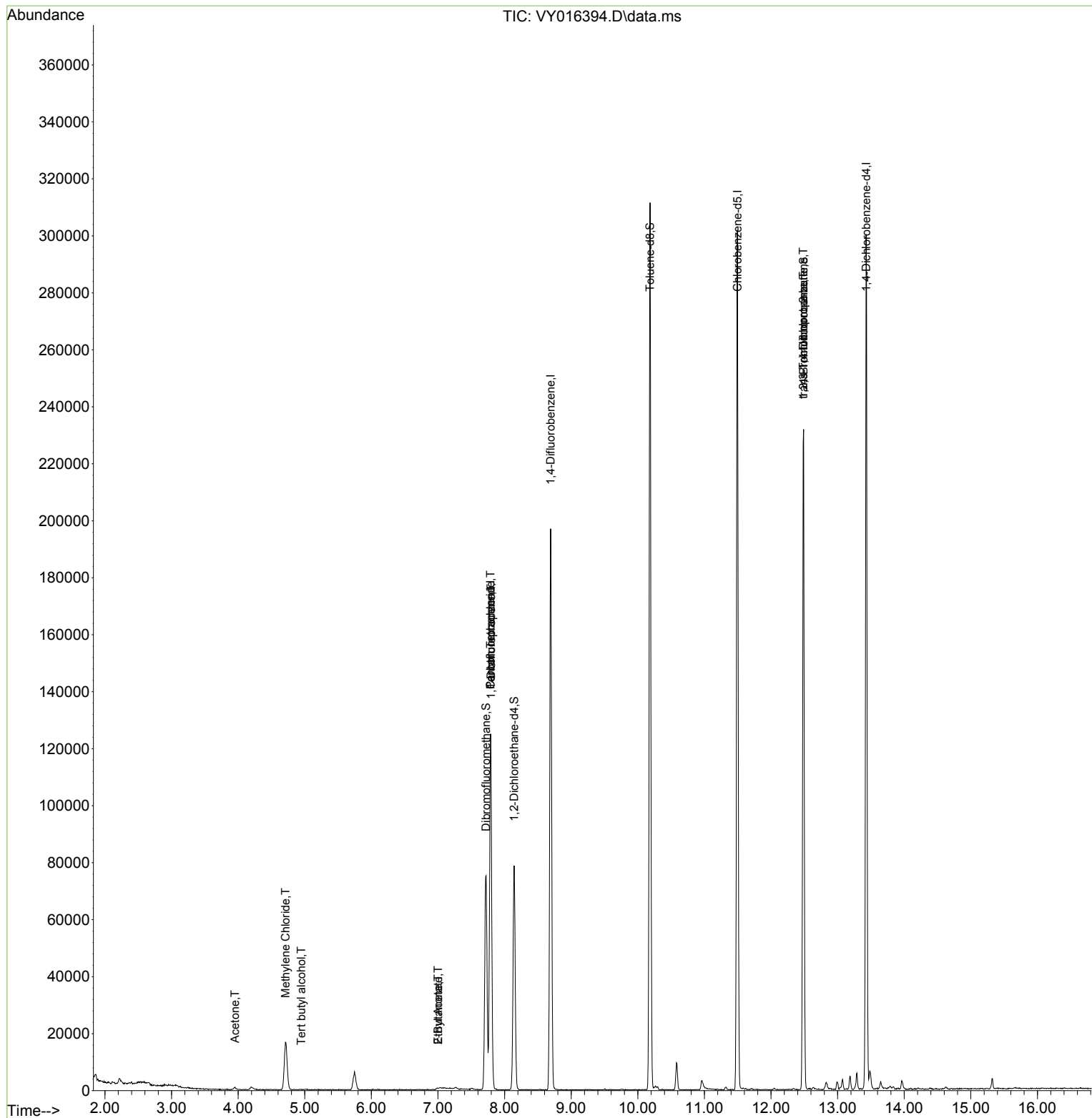
Internal Standards						
1) Pentafluorobenzene	7.789	168	98584	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	173111	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	167281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61809	68.599	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.200%	
35) Dibromofluoromethane	7.722	113	55100	56.031	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.060%	
50) Toluene-d8	10.185	98	205865	51.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.489	95	72278	55.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	84	1.191	ug/l #	89
16) Acetone	3.954	43	1491	10.004	ug/l #	87
20) Methylene Chloride	4.710	84	13553	10.094	ug/l #	80
25) 2-Butanone	7.002	43	867	3.321	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	7702	4.511	ug/l #	50
37) Ethyl Acetate	7.002	43	867	1.257	ug/l #	71
38) Carbon Tetrachloride	7.789	117	9764	5.510	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	36697	48.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36697	105.693	ug/l #	10

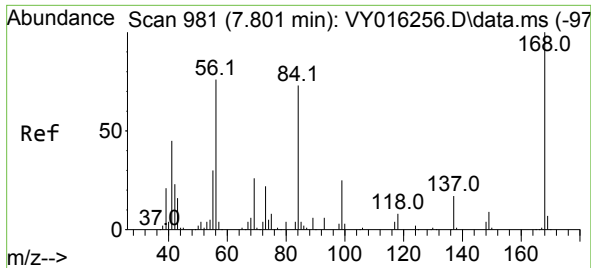
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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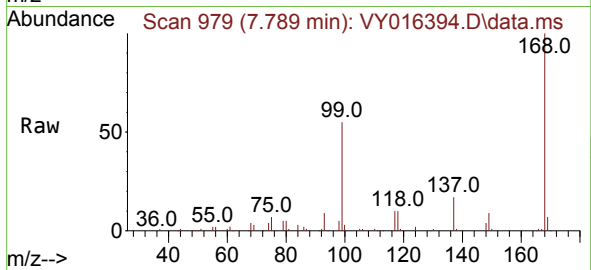
Quant Time: Nov 17 04:08:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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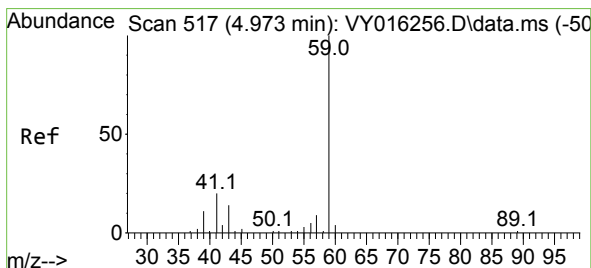
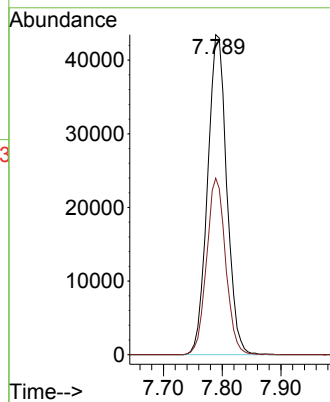
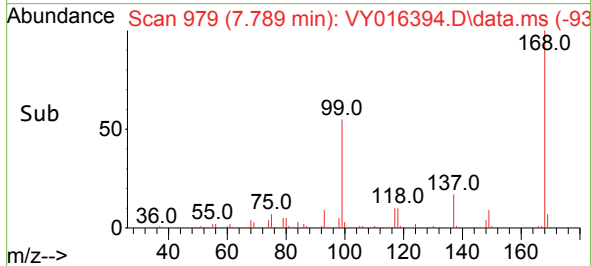


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

Instrument :
MSVOA_Y
ClientSampleId :

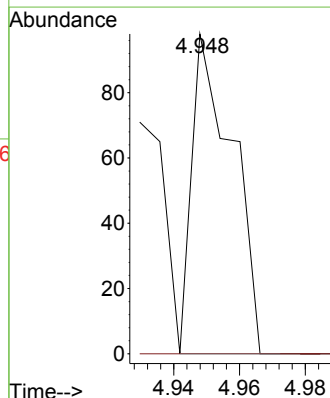
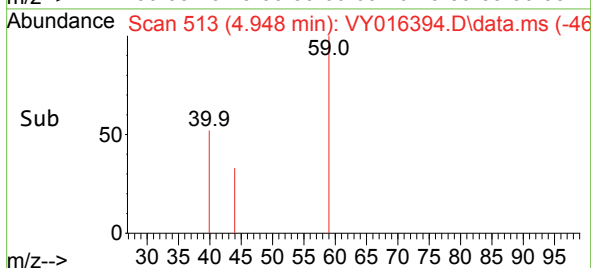
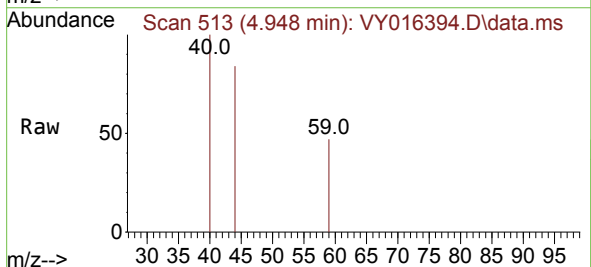


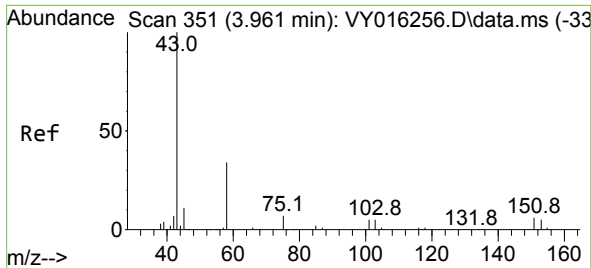
Tgt Ion:168 Resp: 98584
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.191 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

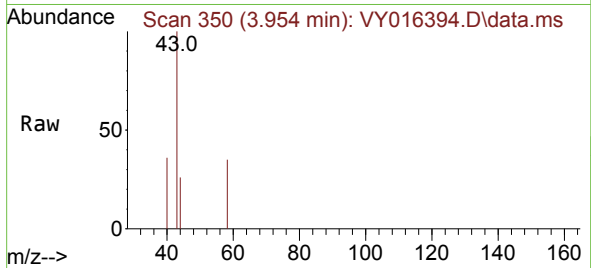
Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



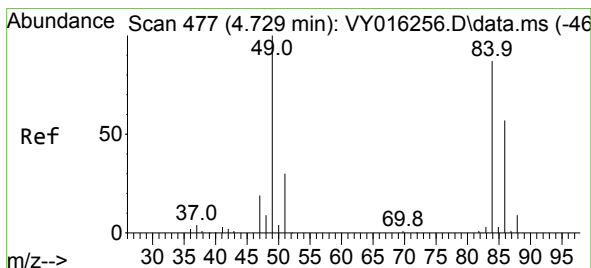
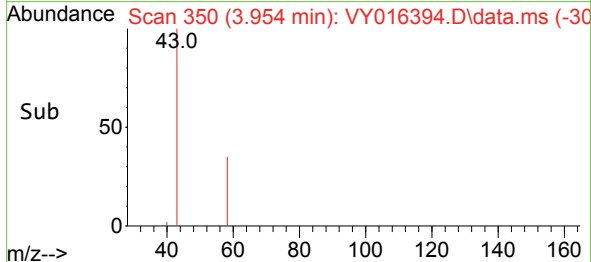
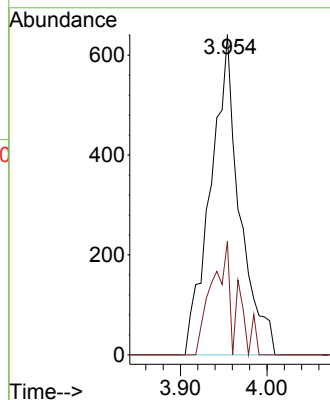


#16
Acetone
Concen: 10.004 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

Instrument :
MSVOA_Y
ClientSampleId :

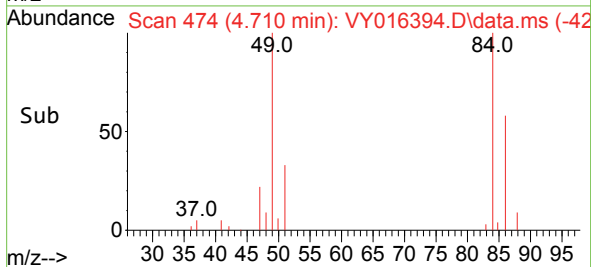
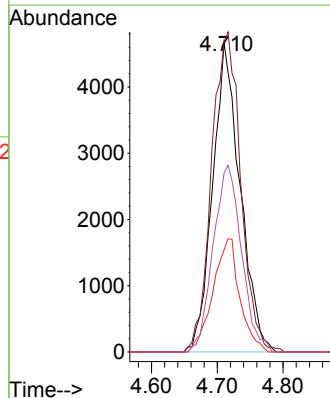
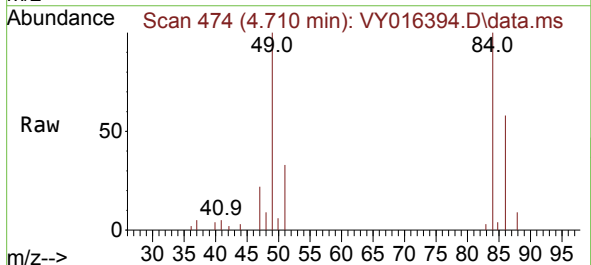


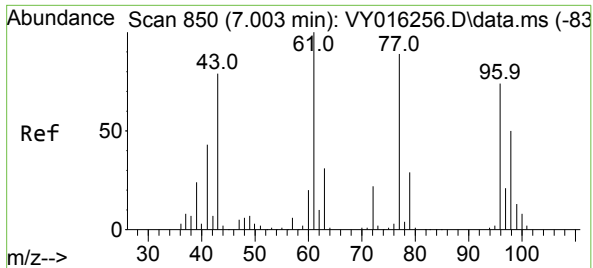
Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 35.4 22.7 34.1#



#20
Methylene Chloride
Concen: 10.094 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

Tgt Ion: 84 Resp: 13553
Ion Ratio Lower Upper
84 100
49 100.1 106.9 160.3#
51 33.0 33.2 49.8#
86 57.8 51.0 76.6





#25

2-Butanone

Concen: 3.321 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016394.D

Acq: 16 Nov 2023 16:50

Instrument :

MSVOA_Y

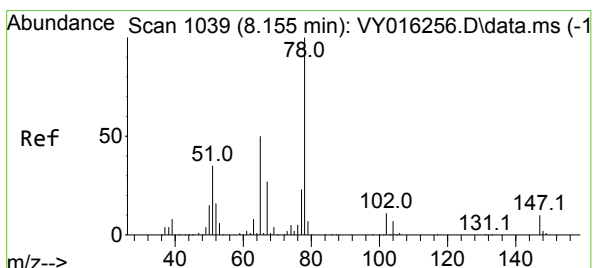
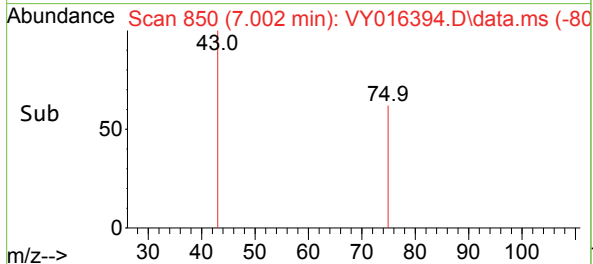
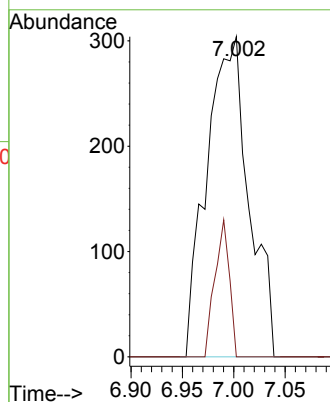
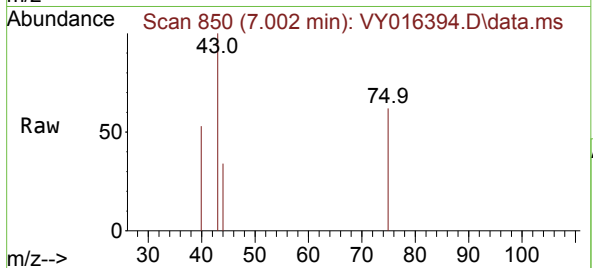
ClientSampleId :

Tgt Ion: 43 Resp: 867

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#33

1,2-Dichloroethane-d4

Concen: 68.599 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY016394.D

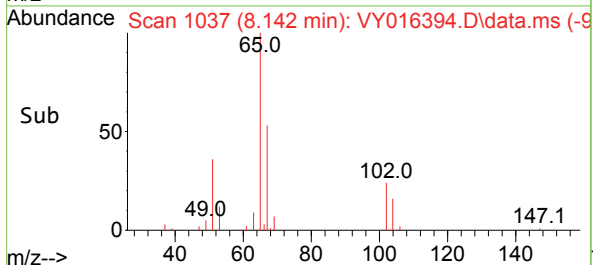
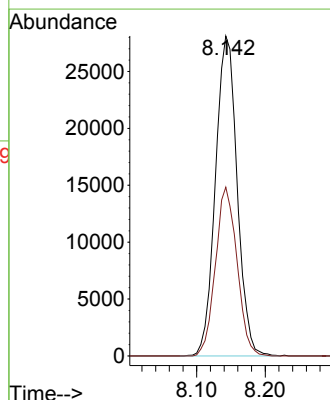
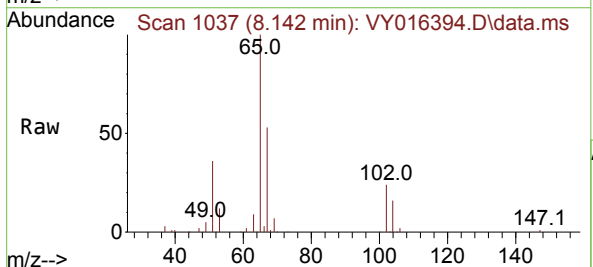
Acq: 16 Nov 2023 16:50

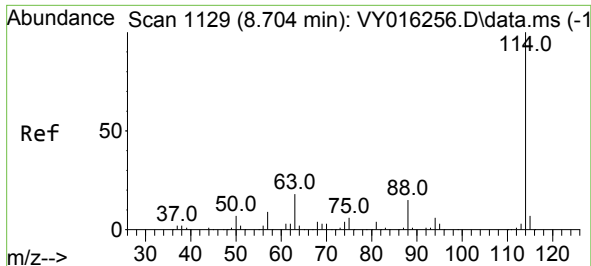
Tgt Ion: 65 Resp: 61809

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8

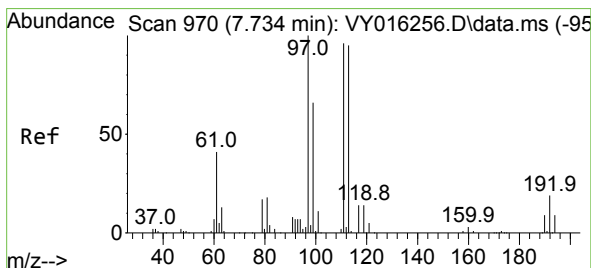
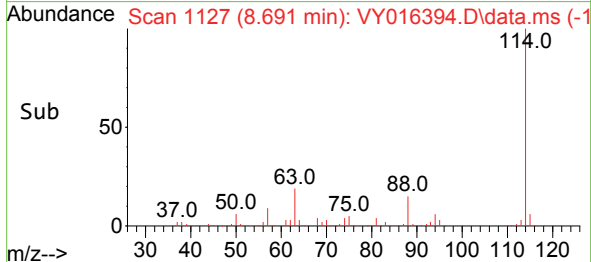
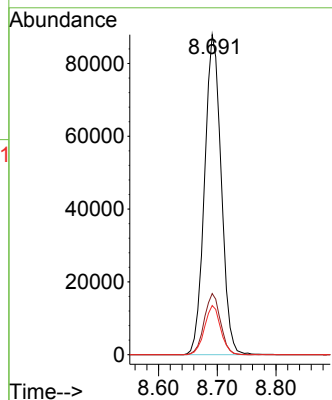
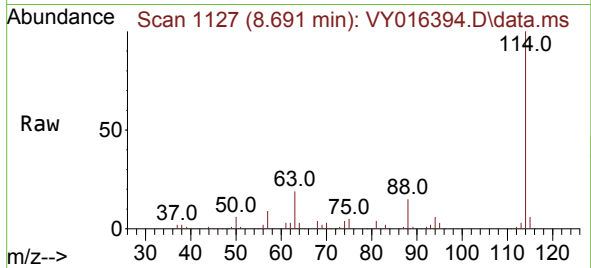




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

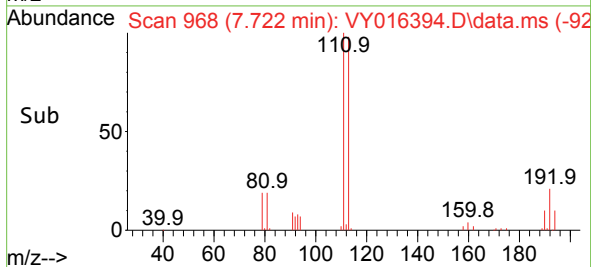
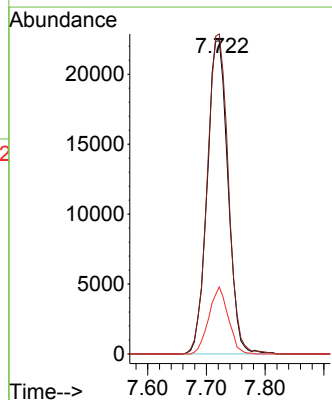
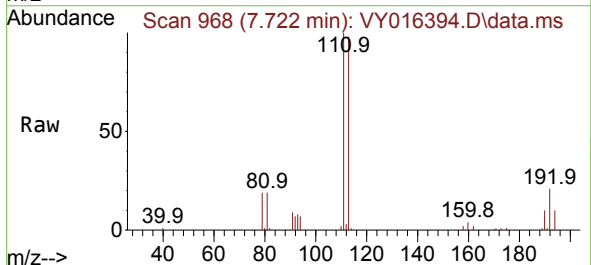
Instrument :
MSVOA_Y
ClientSampleId :

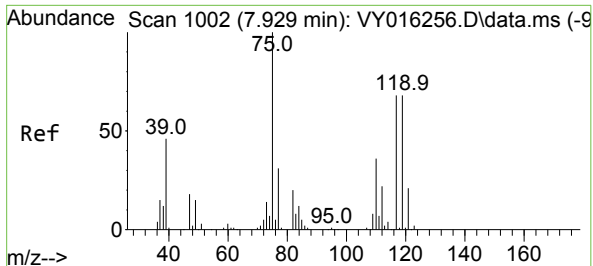
Tgt Ion:114 Resp: 173111
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.031 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

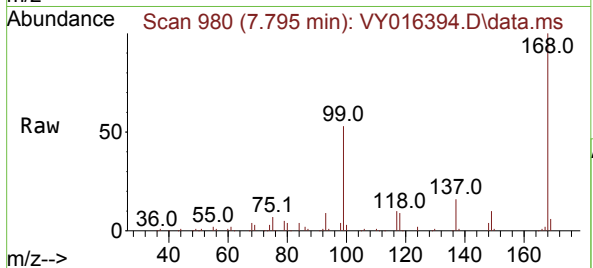
Tgt Ion:113 Resp: 55100
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.0 16.9 25.3



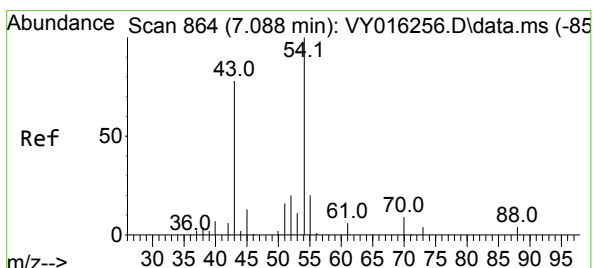
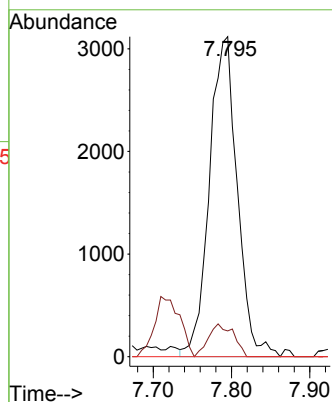
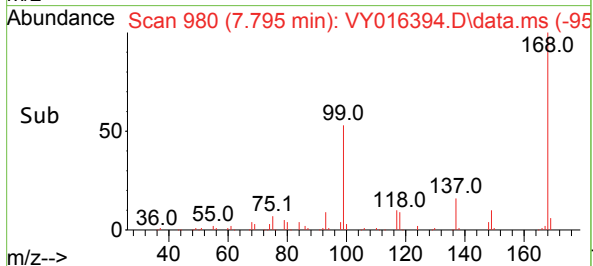


#36
 1,1-Dichloropropene
 Concen: 4.511 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY016394.D
 Acq: 16 Nov 2023 16:50

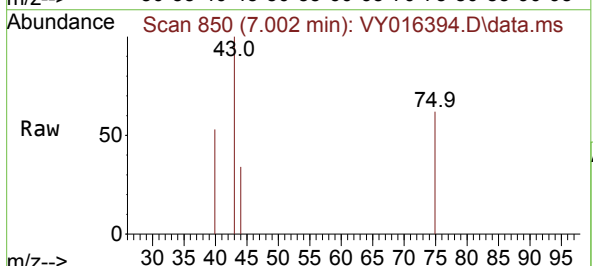
Instrument :
 MSVOA_Y
 ClientSampleId :



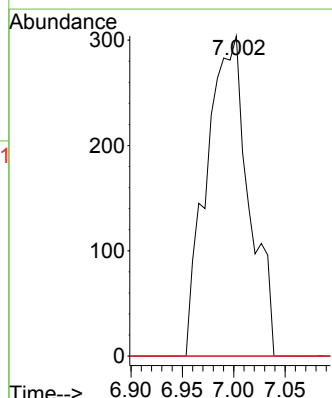
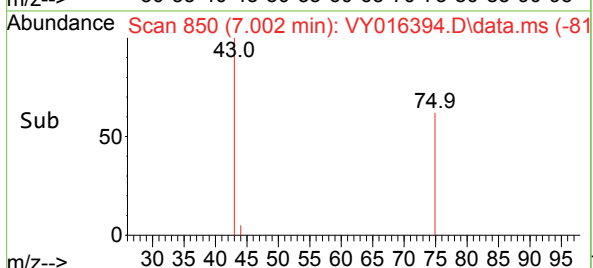
Tgt Ion: 75 Resp: 7702
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.8 53.5#
 77 0.0 24.4 36.6#

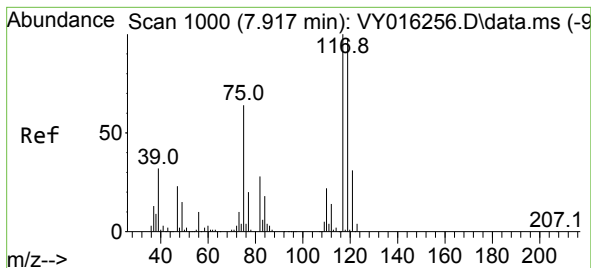


#37
 Ethyl Acetate
 Concen: 1.257 ug/l
 RT: 7.002 min Scan# 850
 Delta R.T. -0.086 min
 Lab File: VY016394.D
 Acq: 16 Nov 2023 16:50



Tgt Ion: 43 Resp: 867
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.1 15.1#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.510 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

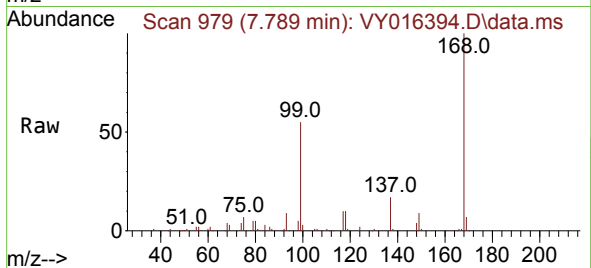
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Acq: 16 Nov 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :



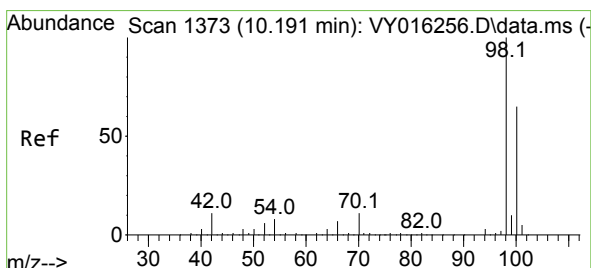
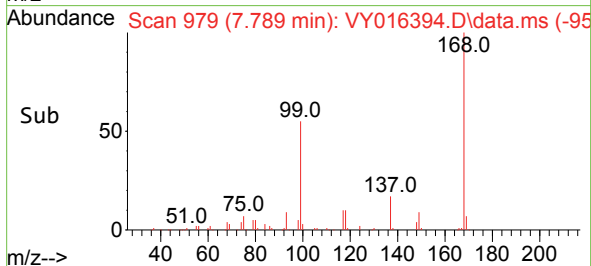
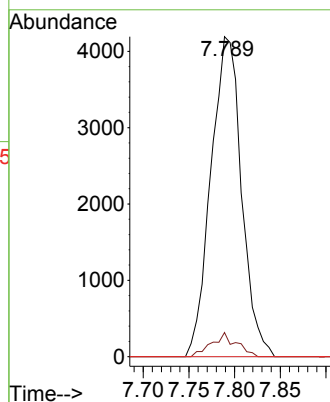
Tgt Ion:117 Resp: 9764

Ion Ratio Lower Upper

117 100

119 7.5 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.624 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016394.D

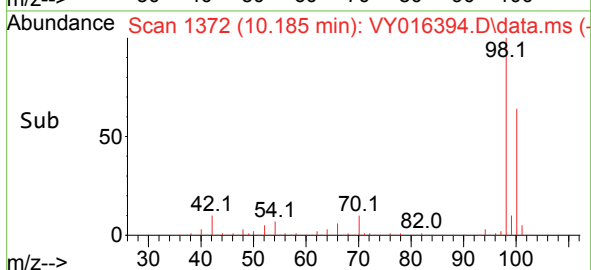
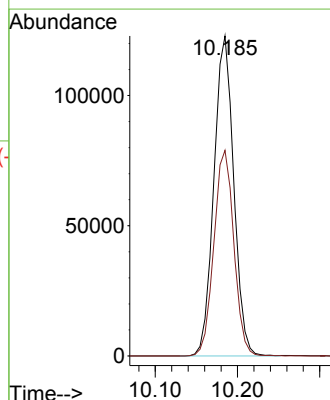
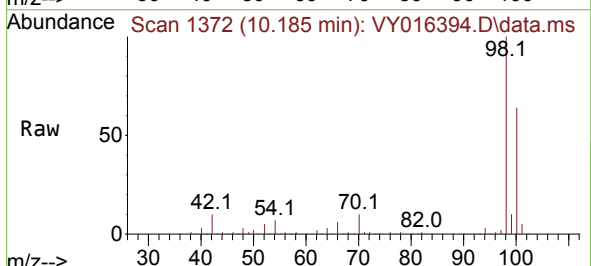
Acq: 16 Nov 2023 16:50

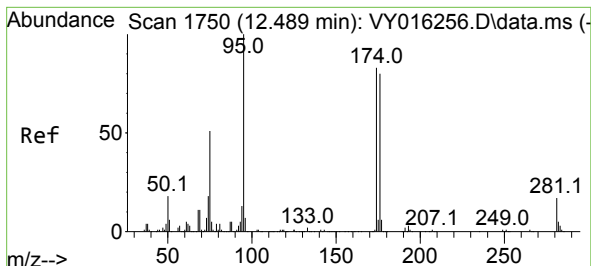
Tgt Ion: 98 Resp: 205865

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

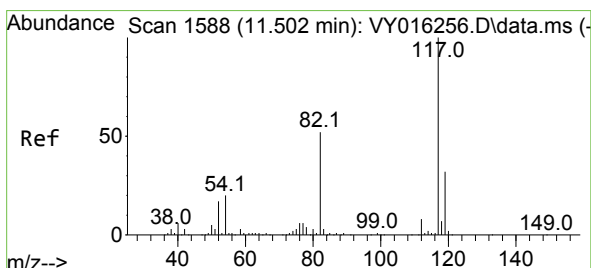
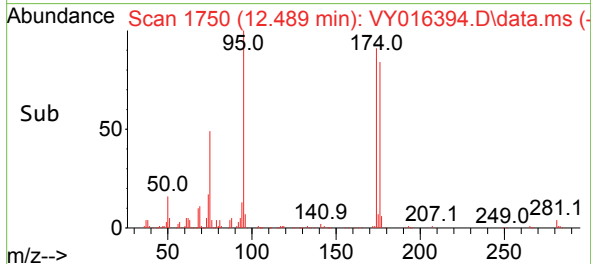
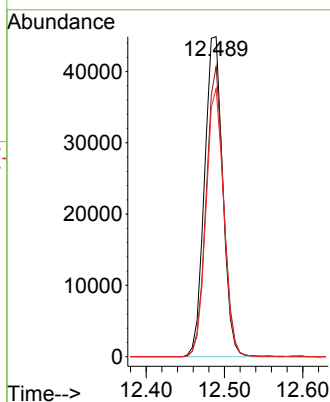
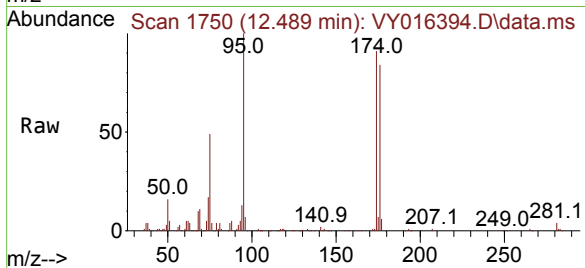




#62
4-Bromofluorobenzene
Concen: 55.805 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

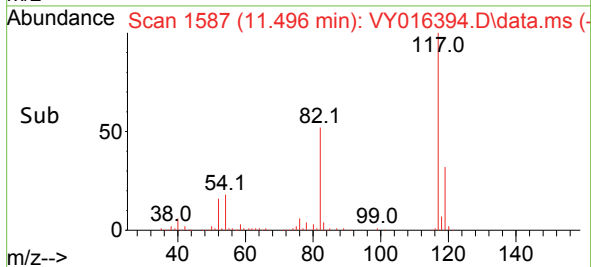
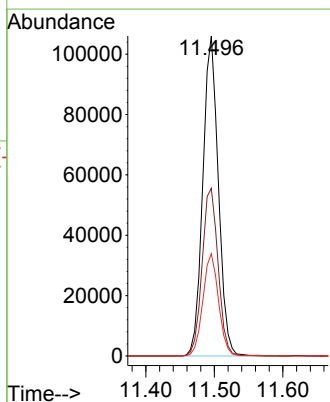
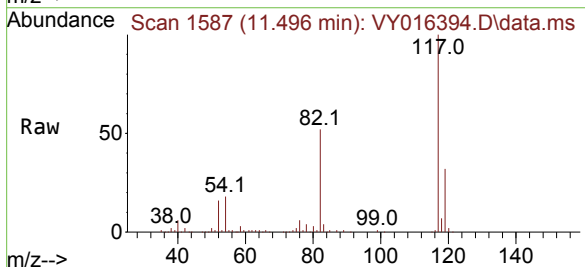
Instrument :
MSVOA_Y
ClientSampleId :

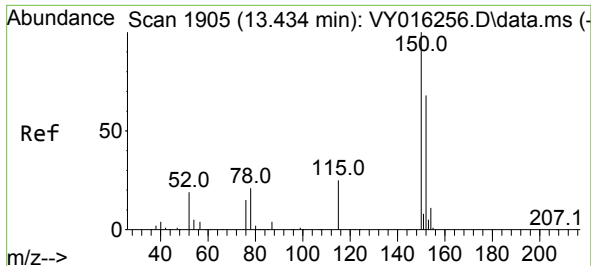
Tgt Ion: 95 Resp: 72278
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016394.D
Acq: 16 Nov 2023 16:50

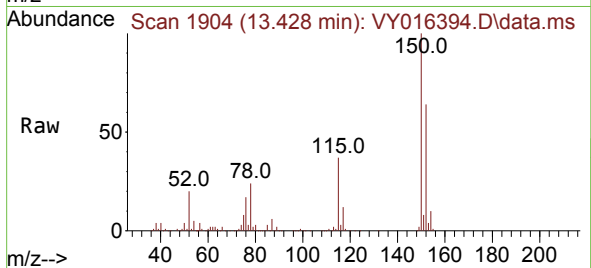
Tgt Ion: 117 Resp: 167281
Ion Ratio Lower Upper
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82 52.4 43.4 65.0
119 31.9 26.3 39.5



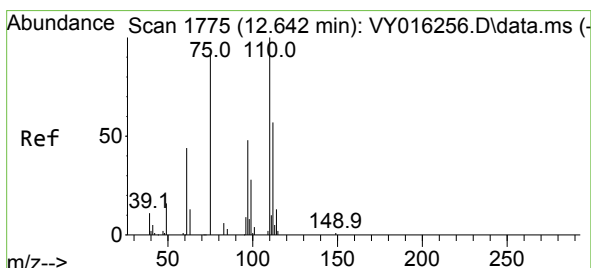
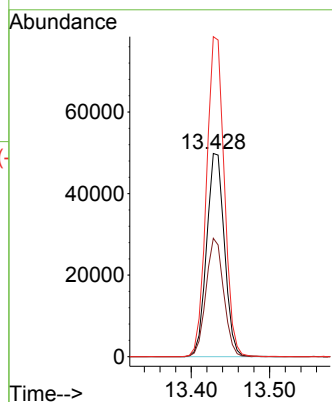
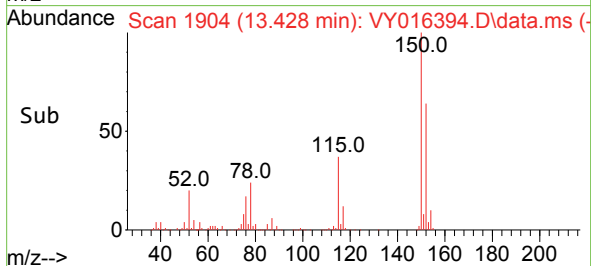


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VY016394.D
 Acq: 16 Nov 2023 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :

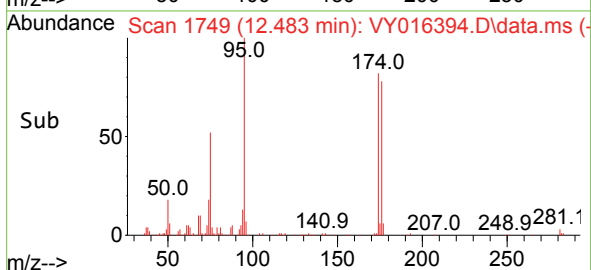
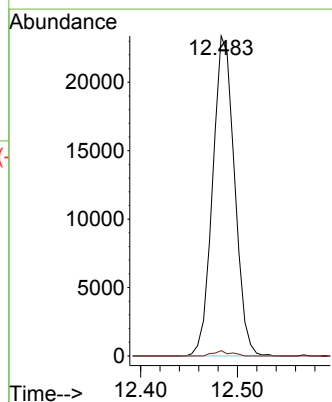
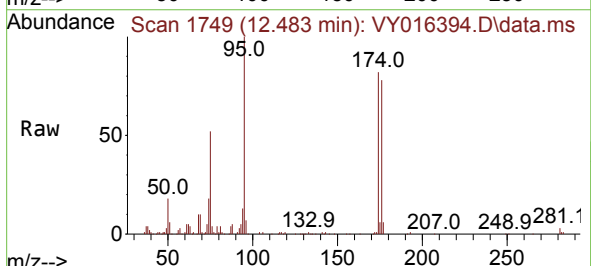


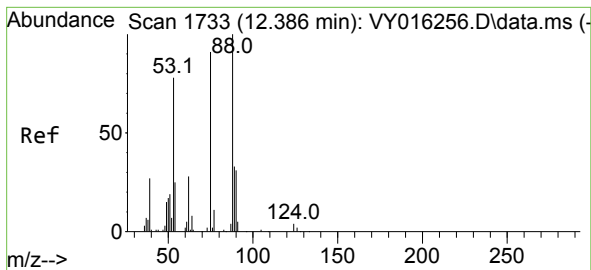
Tgt Ion:152 Resp: 78562
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 157.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 48.693 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.159 min
 Lab File: VY016394.D
 Acq: 16 Nov 2023 16:50

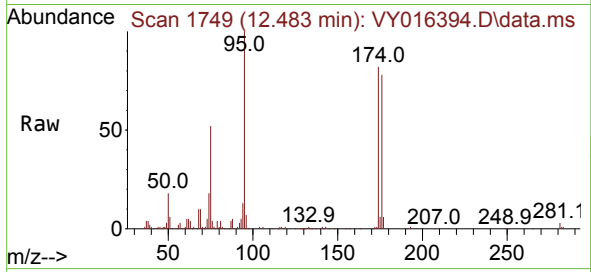
Tgt Ion: 75 Resp: 36697
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.693 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016394.D
 Acq: 16 Nov 2023 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36697
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

