

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016346.D
 Acq On : 14 Nov 2023 14:08
 Operator : SY/MD
 Sample : 05388-03
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 15 05:28:18 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)

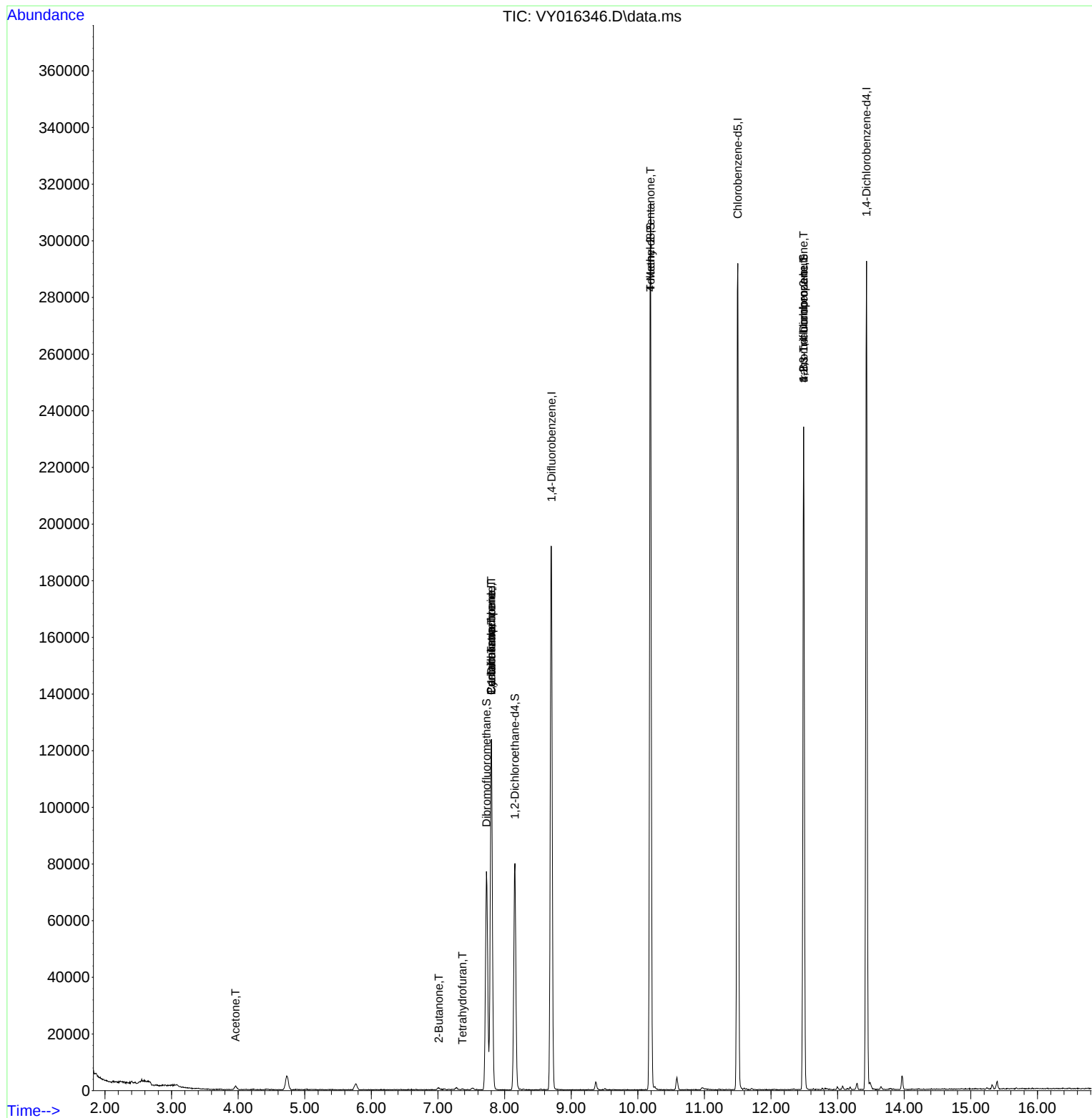
Internal Standards						
1) Pentafluorobenzene	7.801	168	96493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	172516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	167822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61722	69.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.980%	
35) Dibromofluoromethane	7.728	113	54562	55.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.191	98	203791	51.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.489	95	69953	54.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.400%	
Target Compounds						Qvalue
16) Acetone	3.960	43	2127	14.581	ug/l #	83
25) 2-Butanone	7.015	43	1327	5.193	ug/l	95
29) Tetrahydrofuran	7.368	42	252	1.492	ug/l #	48
31) Cyclohexane	7.801	56	1755	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7247	4.259	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9531	5.397	ug/l #	18
51) 4-Methyl-2-Pentanone	10.191	43	800	1.190	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	37045	49.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37045	107.661	ug/l #	11

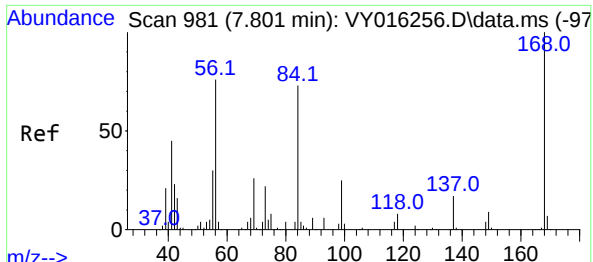
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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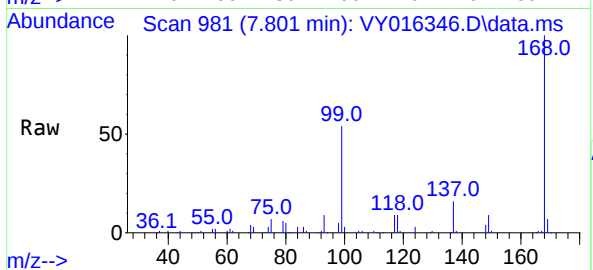
Quant Time: Nov 15 05:28:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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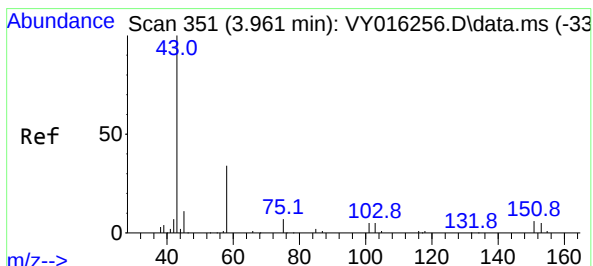
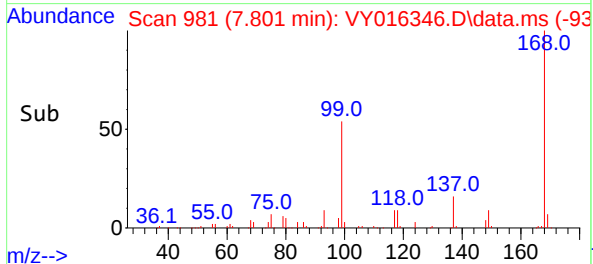
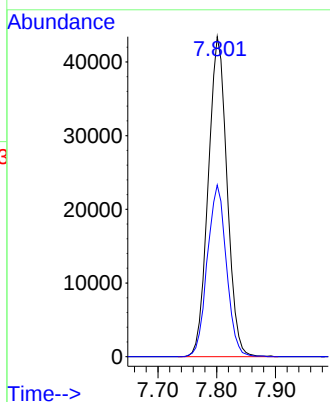


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :

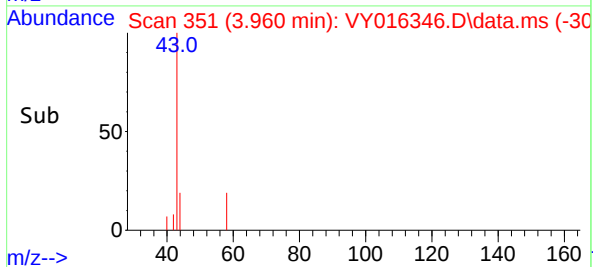
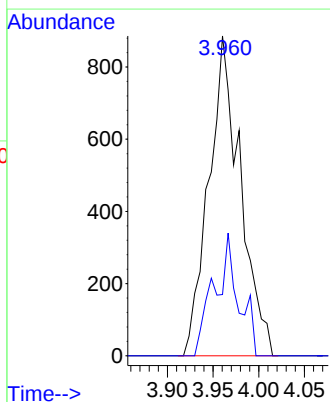
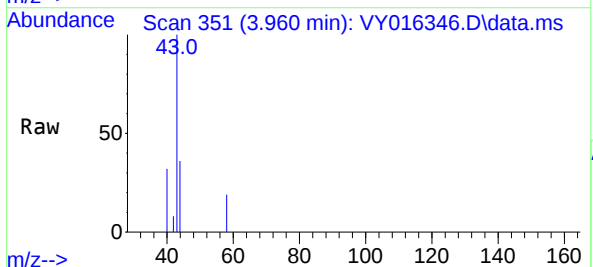


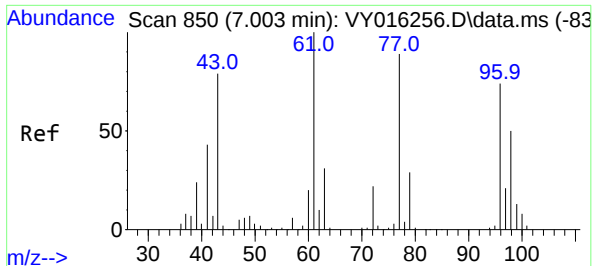
Tgt Ion:168 Resp: 96493
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 14.581 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
58 19.2 22.7 34.1#





#25

2-Butanone

Concen: 5.193 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016346.D

Acq: 14 Nov 2023 14:08

Instrument :

MSVOA_Y

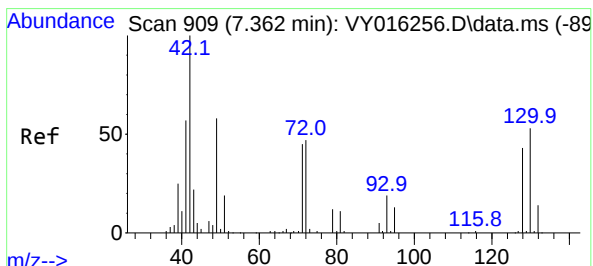
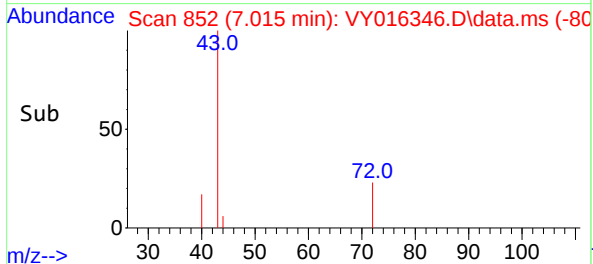
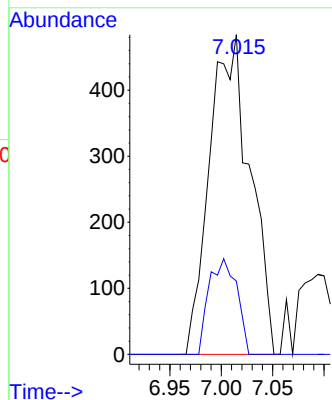
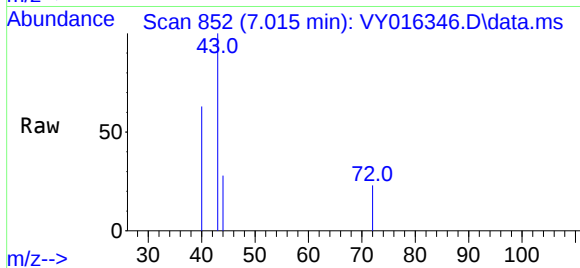
ClientSampleId :

Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

72 22.9 20.5 30.7



#29

Tetrahydrofuran

Concen: 1.492 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016346.D

Acq: 14 Nov 2023 14:08

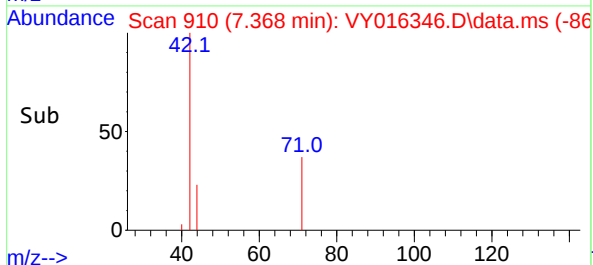
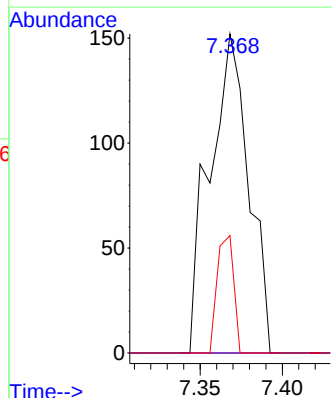
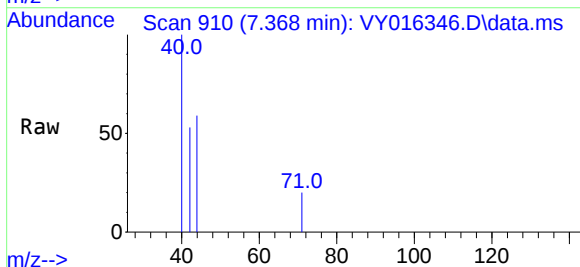
Tgt Ion: 42 Resp: 252

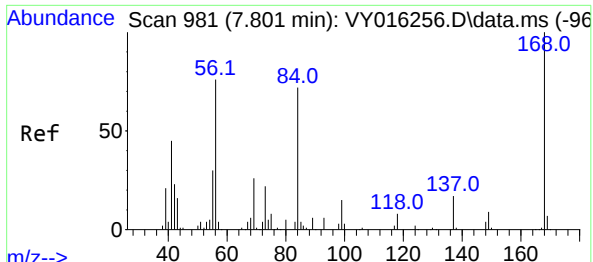
Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

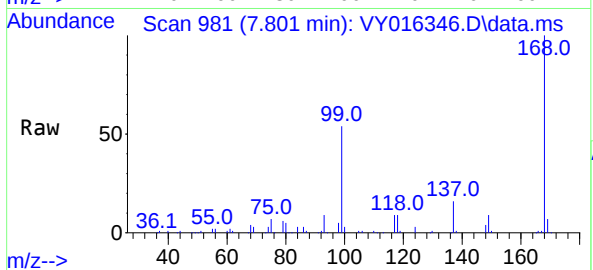
71 15.5 31.0 46.4#



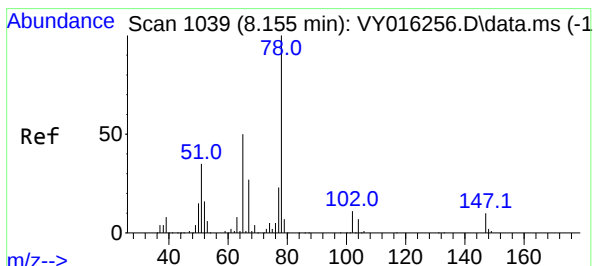
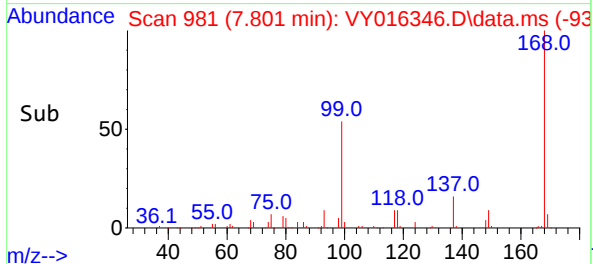
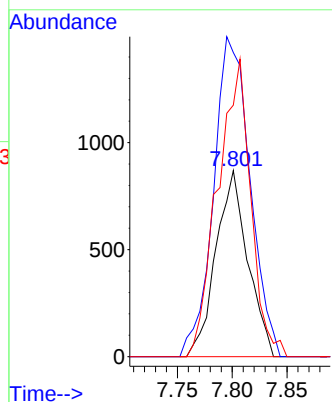


#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :

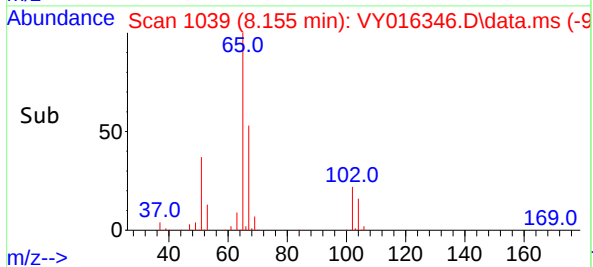
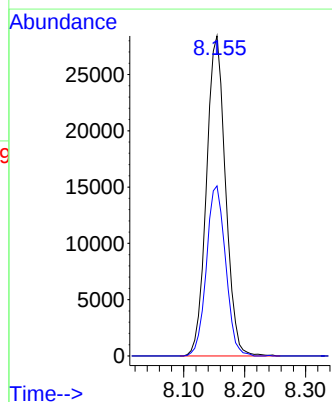
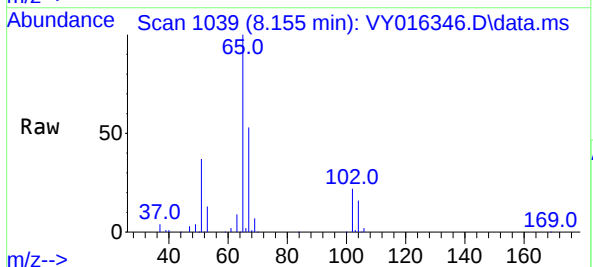


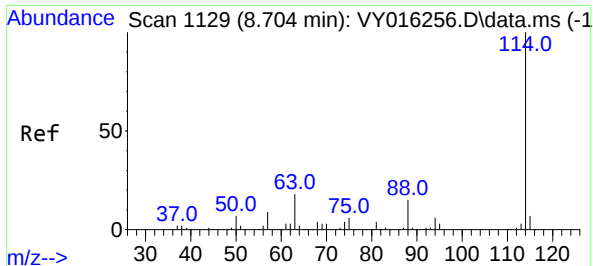
Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
69 163.5 27.8 41.6#
84 135.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.987 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Tgt Ion: 65 Resp: 61722
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

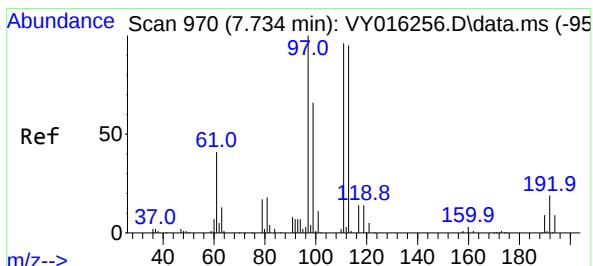
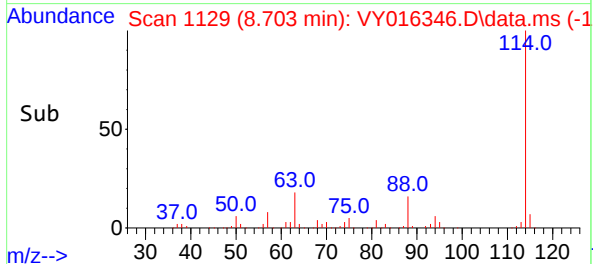
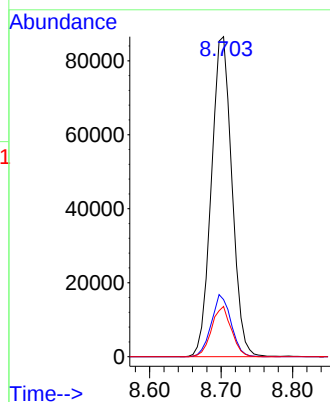
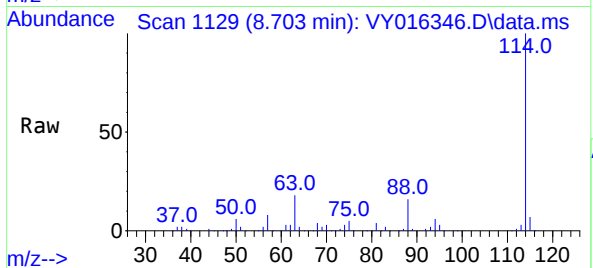




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

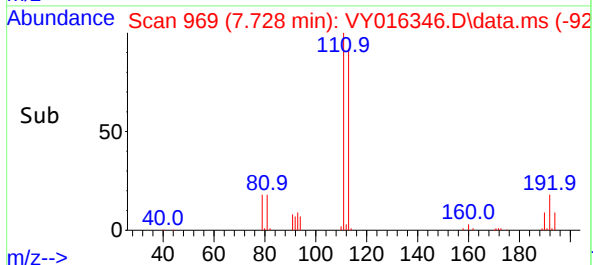
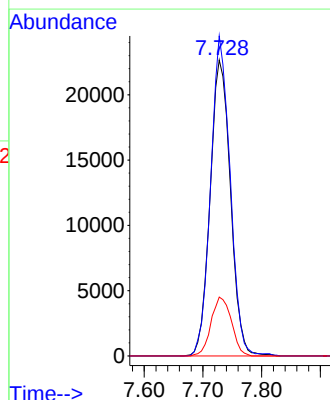
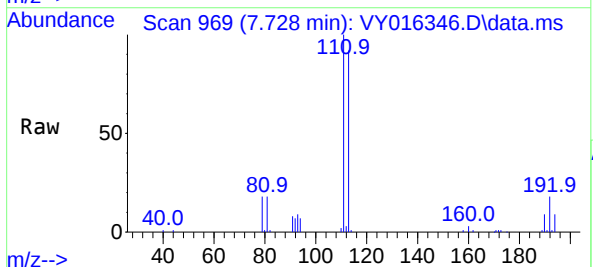
Instrument :
MSVOA_Y
ClientSampleId :

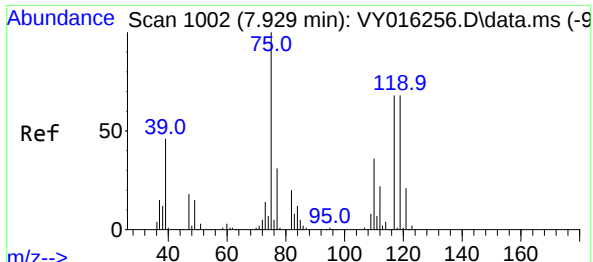
Tgt Ion:114 Resp: 172516
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.676 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

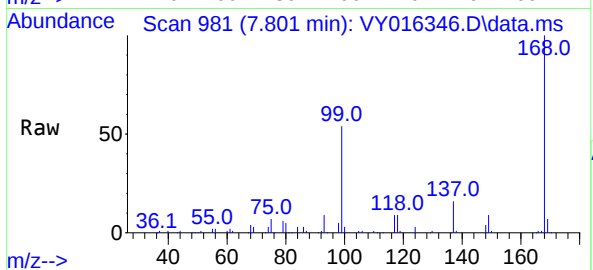
Tgt Ion:113 Resp: 54562
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.9 16.9 25.3



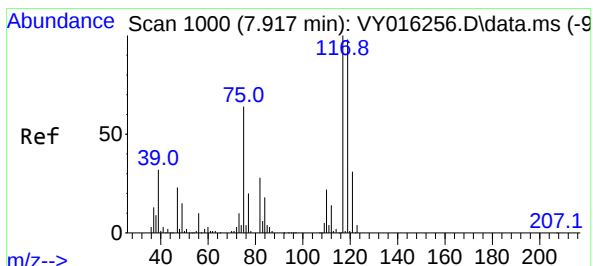
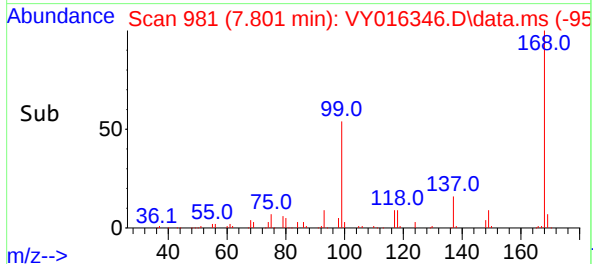
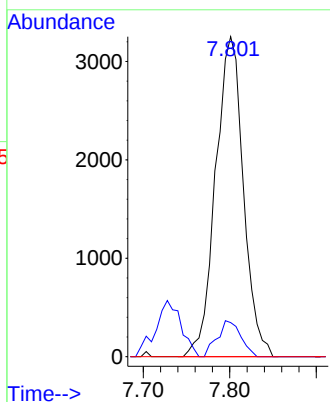


#36
1,1-Dichloropropene
Concen: 4.259 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :

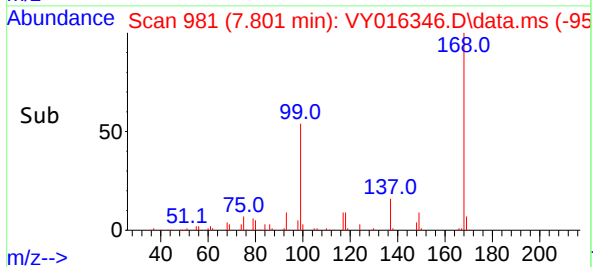
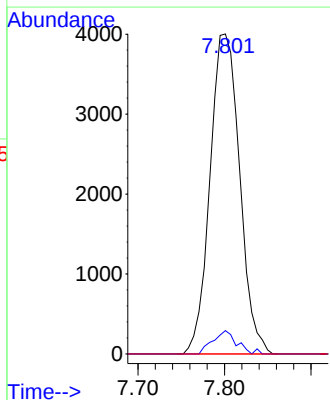
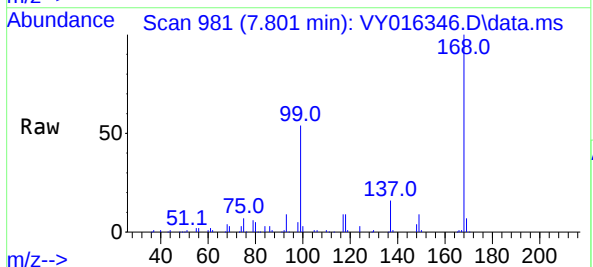


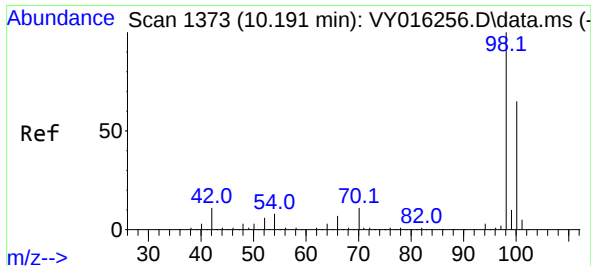
Tgt Ion: 75 Resp: 7247
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Tgt Ion: 117 Resp: 9531
Ion Ratio Lower Upper
117 100
119 7.3 76.4 114.6#
121 0.0 25.8 38.6#

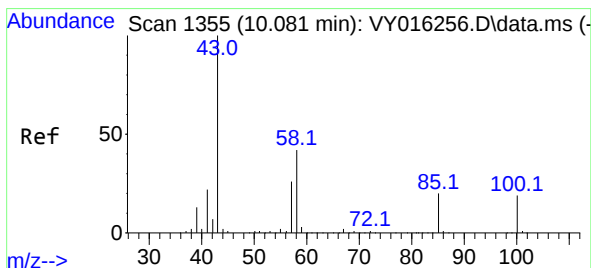
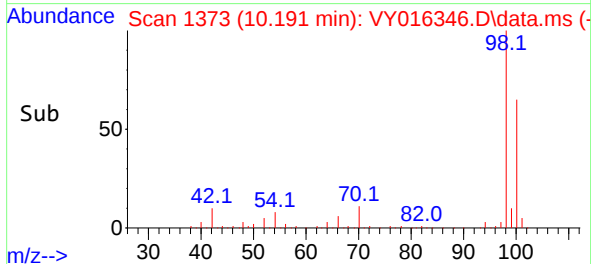
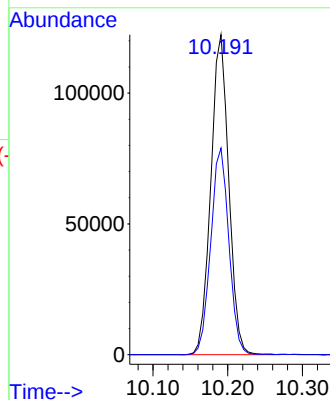
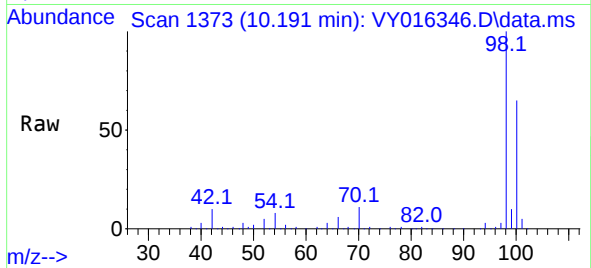




#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

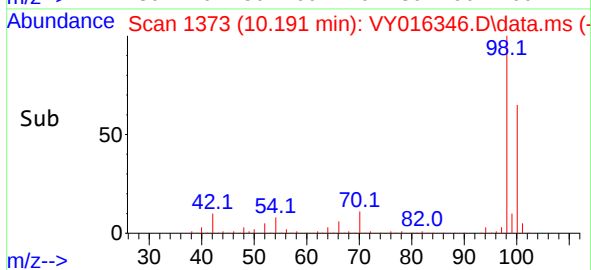
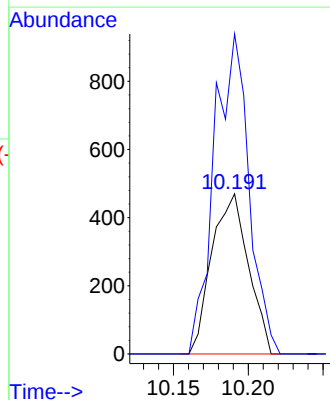
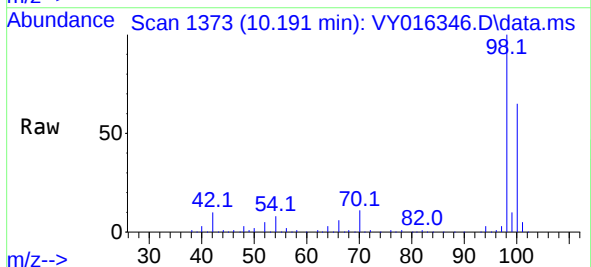
Instrument :
MSVOA_Y
ClientSampleId :

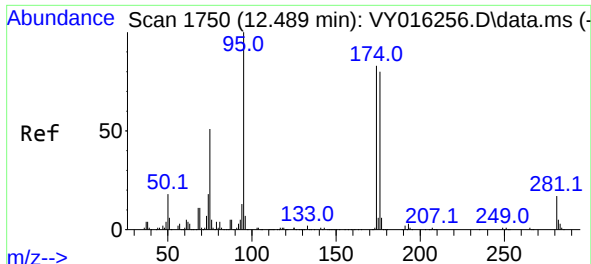
Tgt Ion: 98 Resp: 203791
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.190 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.109 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 189.0 29.0 43.6#

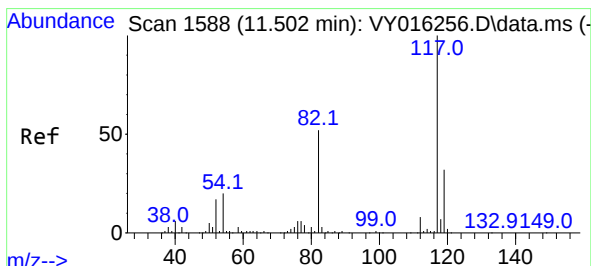
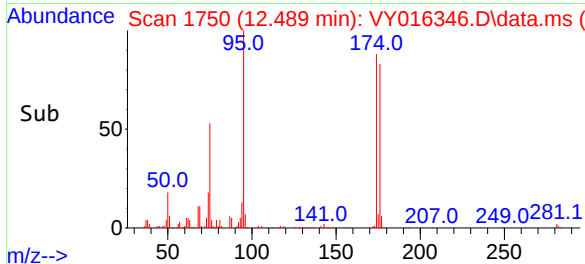
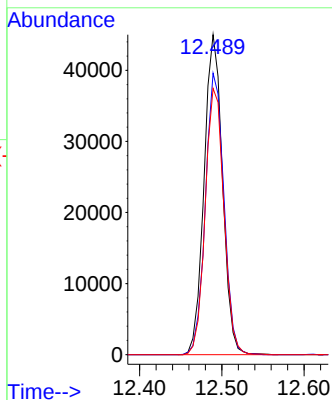
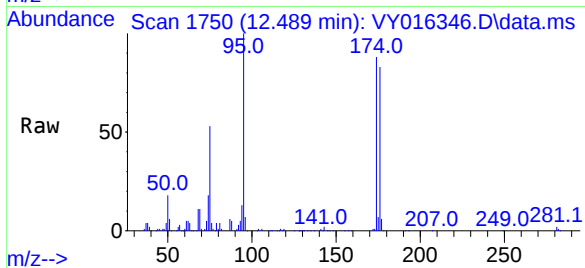




#62
4-Bromofluorobenzene
Concen: 54.196 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

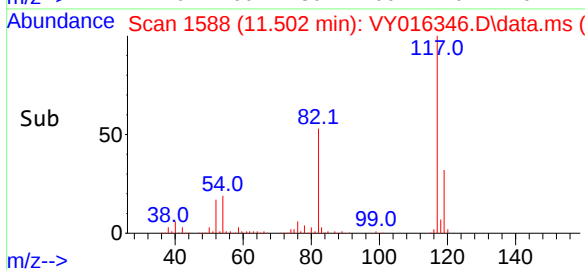
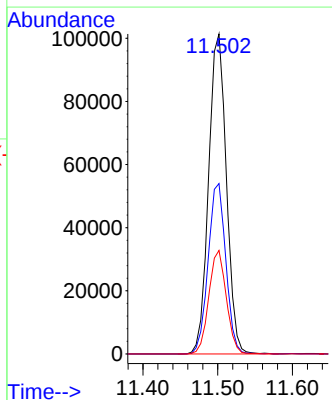
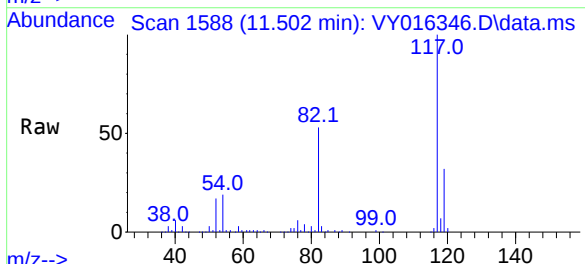
Instrument :
MSVOA_Y
ClientSampleId :

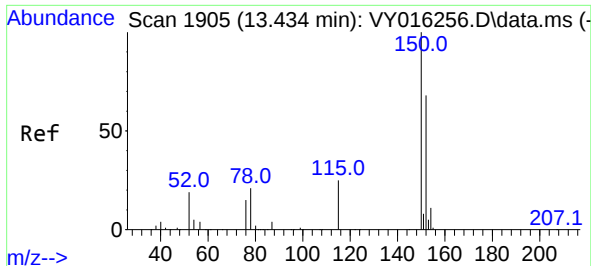
Tgt Ion: 95 Resp: 69953
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

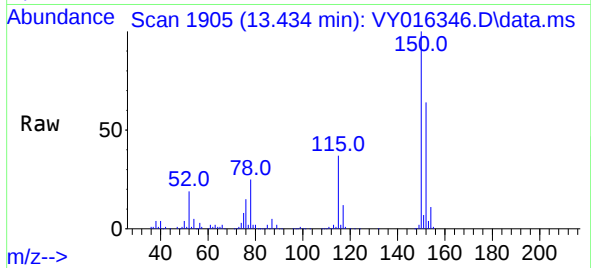
Tgt Ion: 117 Resp: 167822
Ion Ratio Lower Upper
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82 53.2 43.4 65.0
119 32.3 26.3 39.5



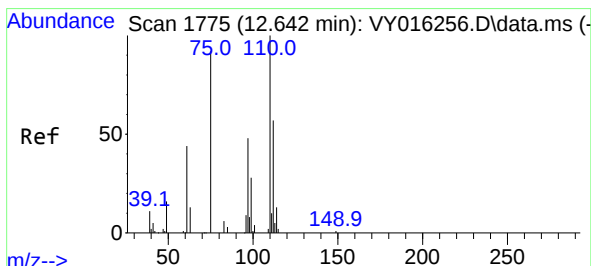
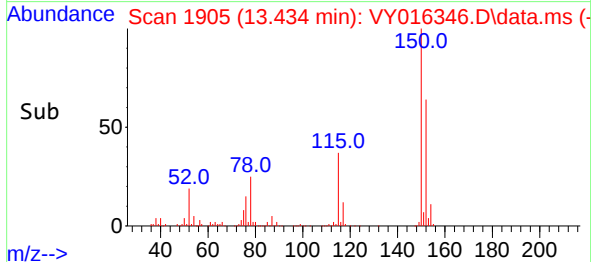
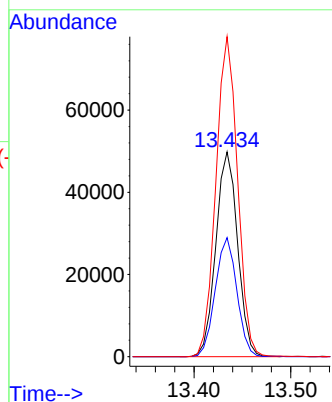


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016346.D
 Acq: 14 Nov 2023 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :

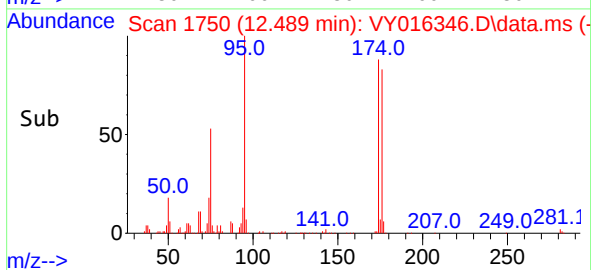
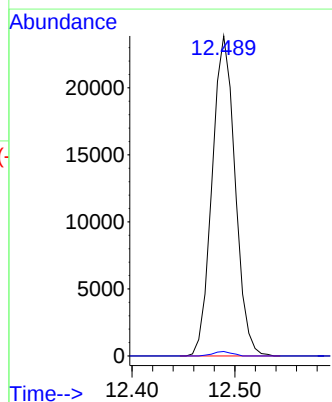
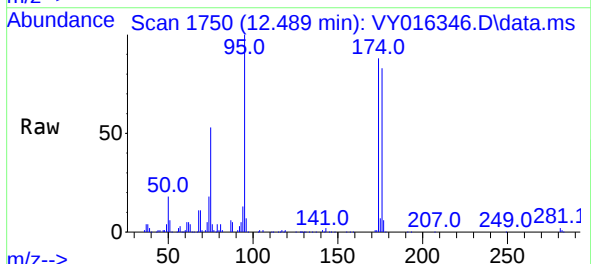


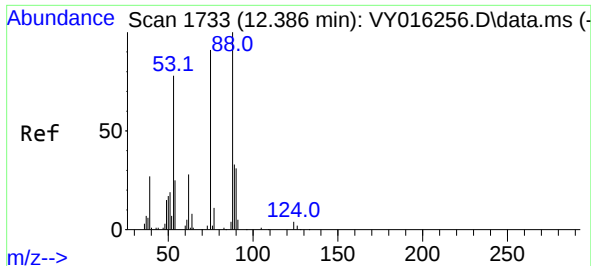
Tgt Ion:152 Resp: 77857
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 155.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 49.600 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016346.D
 Acq: 14 Nov 2023 14:08

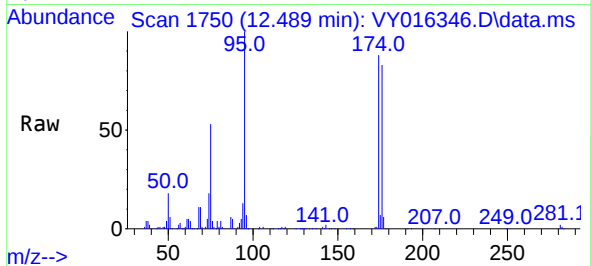
Tgt Ion: 75 Resp: 37045
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.661 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 37045
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

