

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016364.D
 Acq On : 15 Nov 2023 14:24
 Operator : SY/MD
 Sample : 05425-01
 Misc : 8.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:04:26 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)

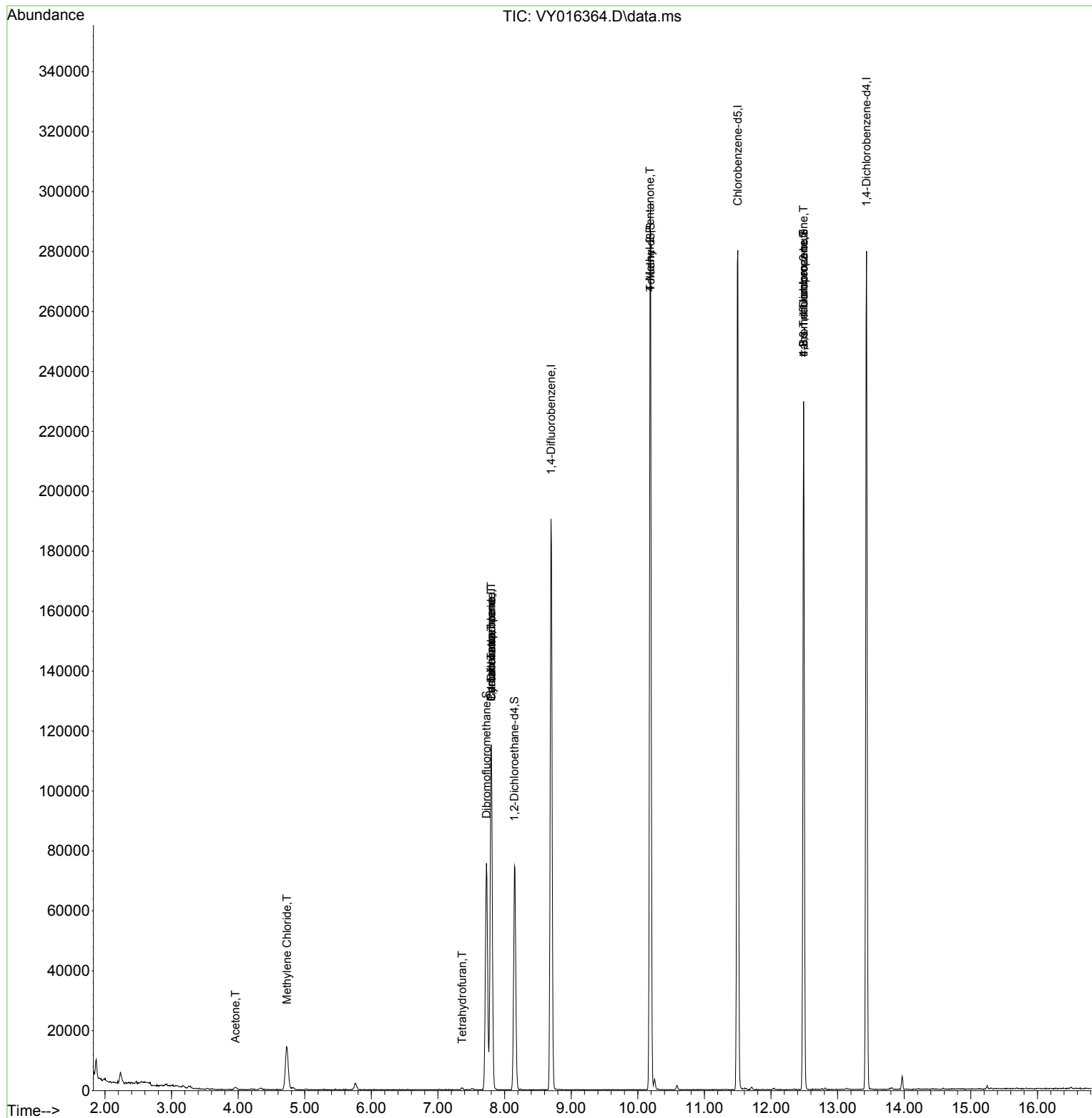
Internal Standards						
1) Pentafluorobenzene	7.801	168	92539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	161494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58981	69.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.480%	
35) Dibromofluoromethane	7.728	113	53763	56.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.800%	
50) Toluene-d8	10.191	98	199079	51.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	12.489	95	68068	54.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1563	11.172	ug/l #	86
20) Methylene Chloride	4.735	84	11628	8.905	ug/l #	82
29) Tetrahydrofuran	7.362	42	508	3.136	ug/l #	69
31) Cyclohexane	7.801	56	1844	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6844	4.172	ug/l #	49
38) Carbon Tetrachloride	7.801	117	9311	5.468	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	705	1.088	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	34322	49.171	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34322	106.729	ug/l #	10

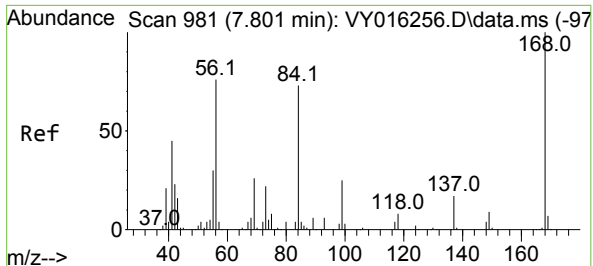
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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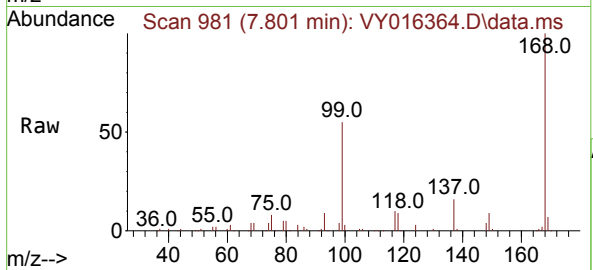
Quant Time: Nov 16 00:04:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



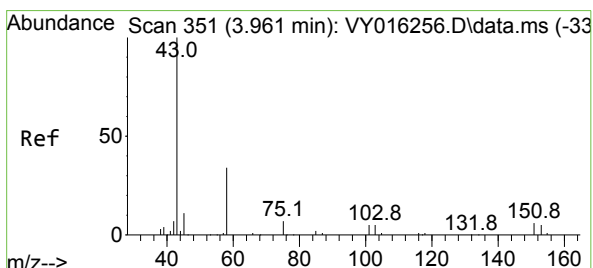
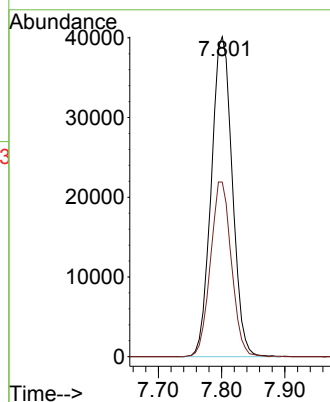
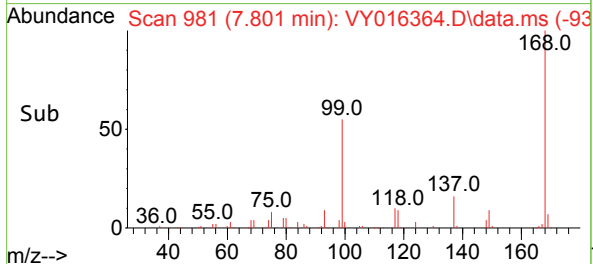


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

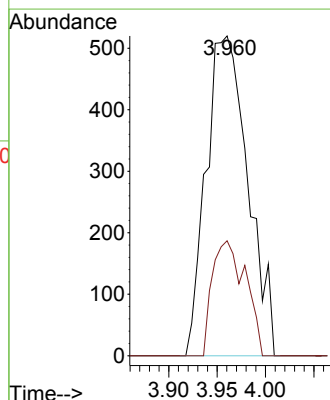
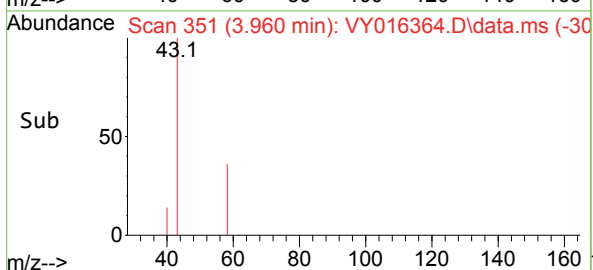
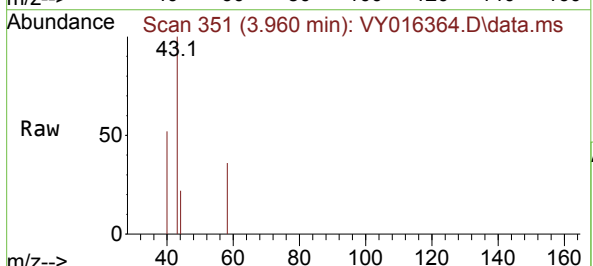


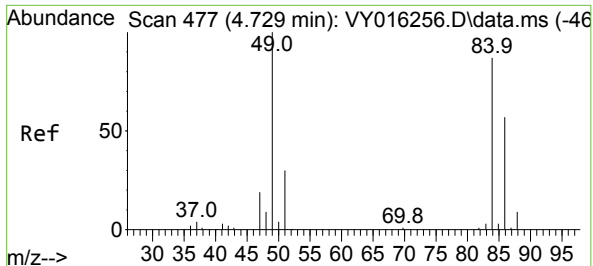
Tgt Ion:168 Resp: 92539
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 11.172 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

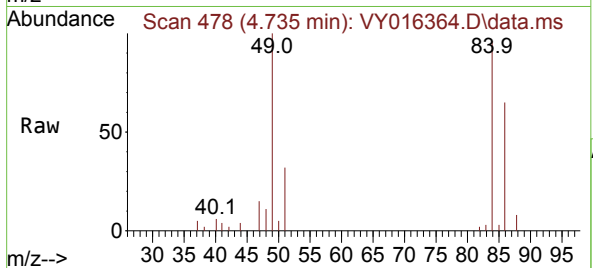
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 36.0 22.7 34.1#



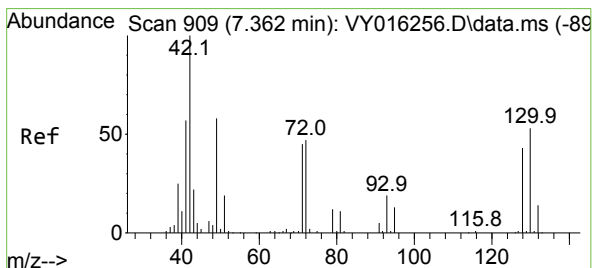
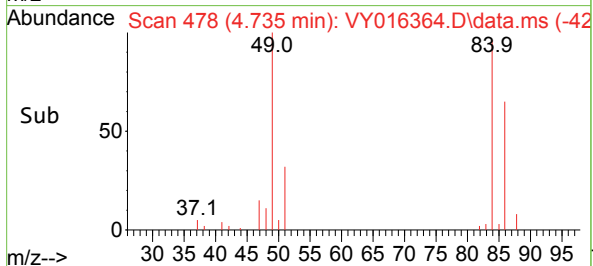
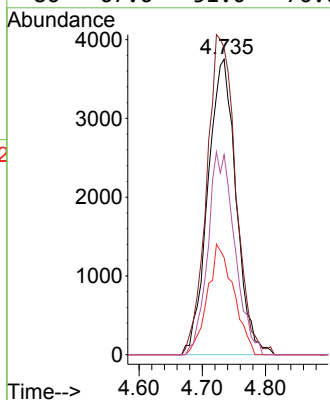


#20
Methylene Chloride
Concen: 8.905 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

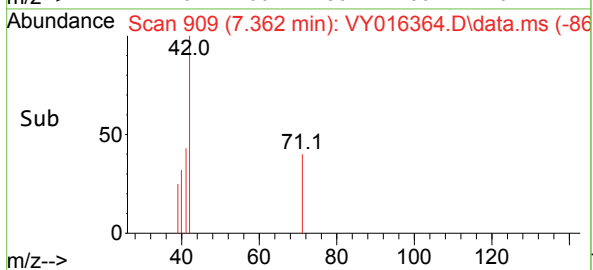
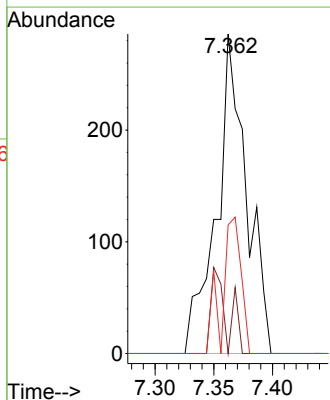
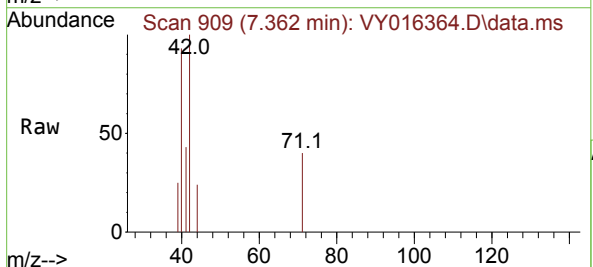


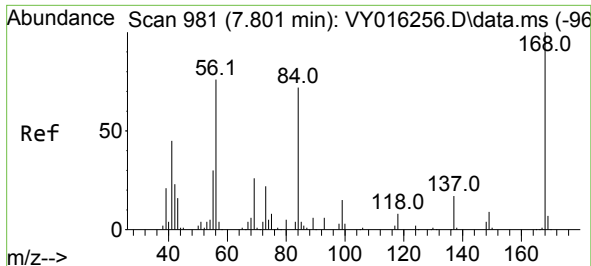
Tgt Ion:	84	Resp:	11628
Ion	Ratio	Lower	Upper
84	100		
49	103.9	106.9	160.3#
51	32.9	33.2	49.8#
86	67.6	51.0	76.6



#29
Tetrahydrofuran
Concen: 3.136 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

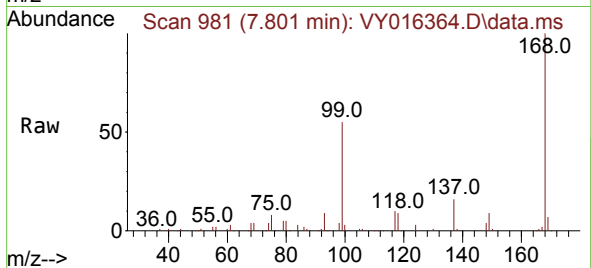
Tgt Ion:	42	Resp:	508
Ion	Ratio	Lower	Upper
42	100		
72	14.2	32.8	49.2#
71	27.0	31.0	46.4#



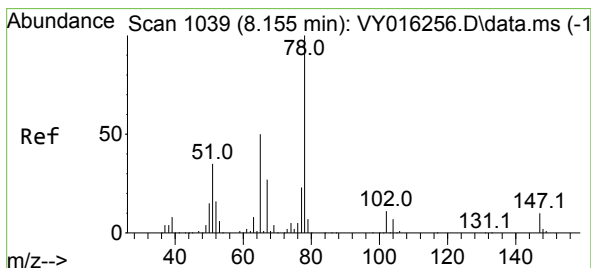
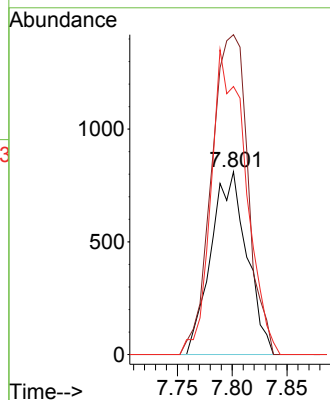
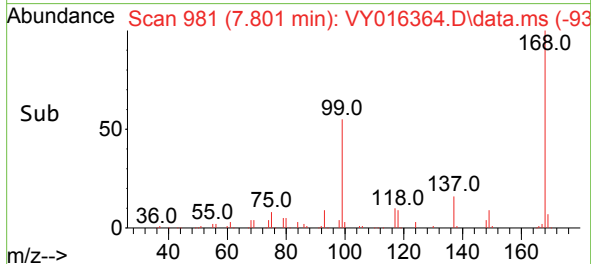


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

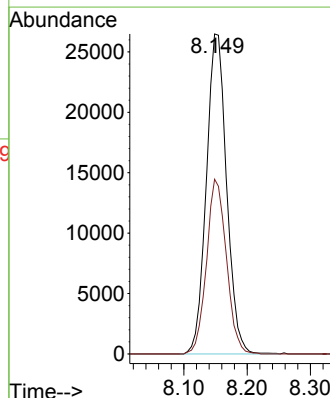
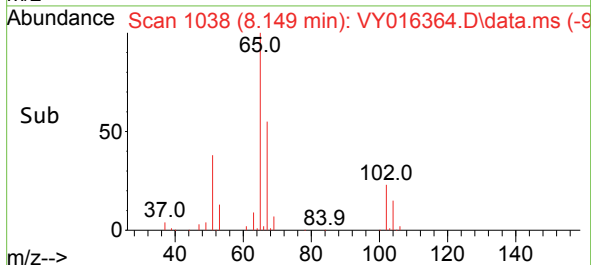
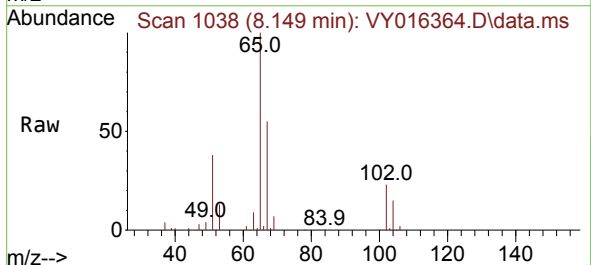


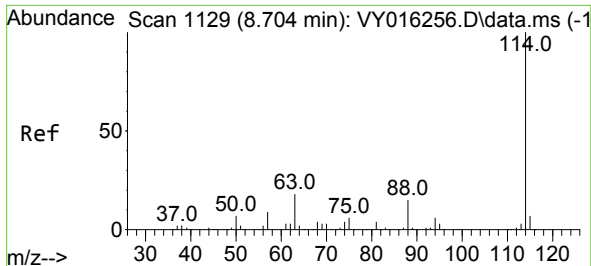
Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 175.0 27.8 41.6#
84 146.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.736 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 65 Resp: 58981
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016364.D

Acq: 15 Nov 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

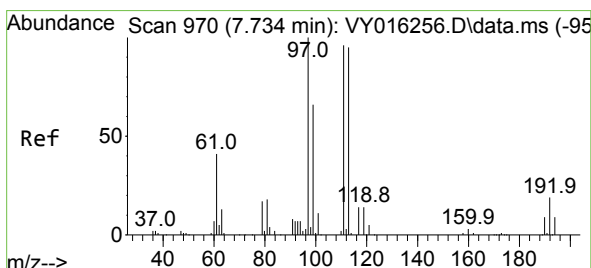
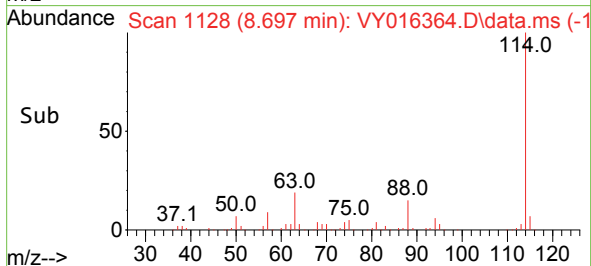
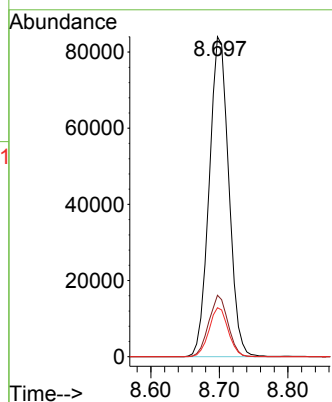
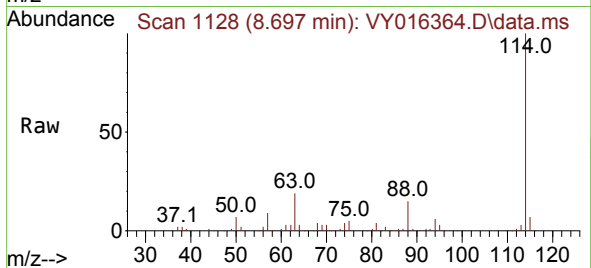
Tgt Ion:114 Resp: 166321

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.904 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016364.D

Acq: 15 Nov 2023 14:24

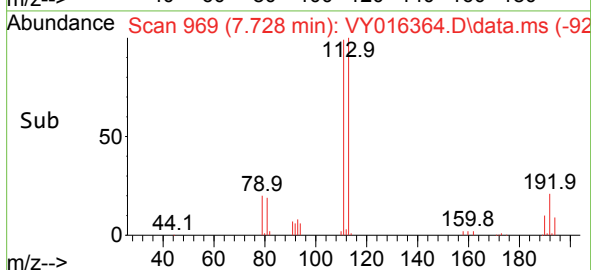
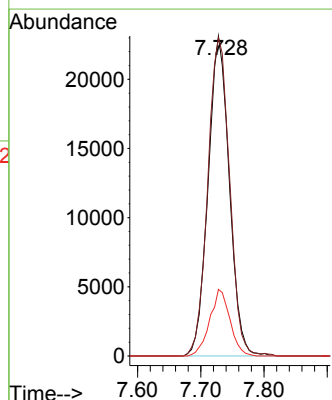
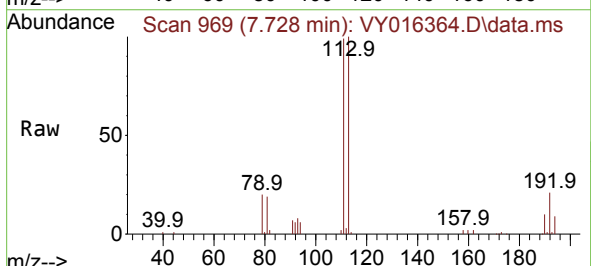
Tgt Ion:113 Resp: 53763

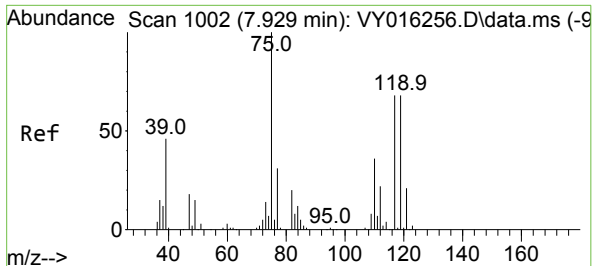
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

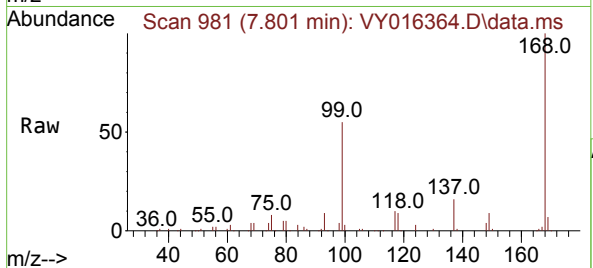
192 19.9 16.9 25.3



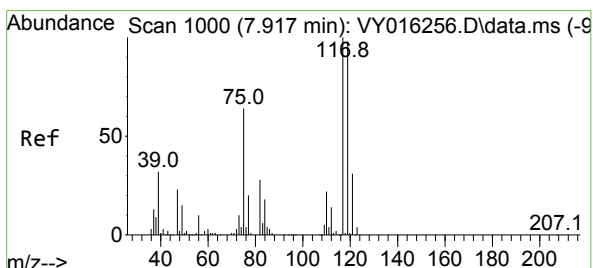
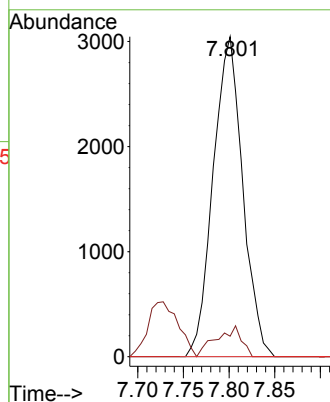
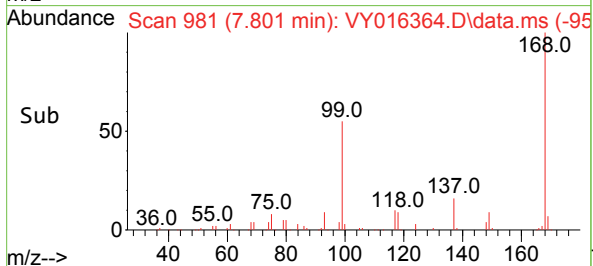


#36
1,1-Dichloropropene
Concen: 4.172 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

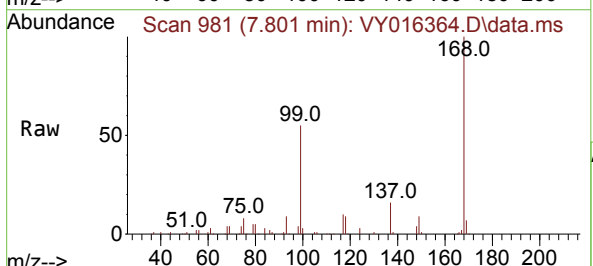
Instrument :
MSVOA_Y
ClientSampleId :



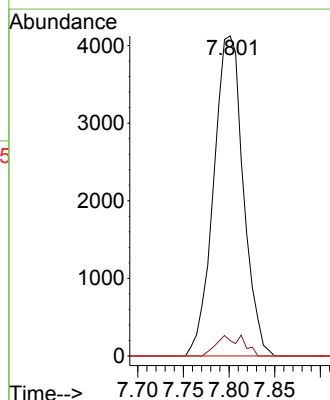
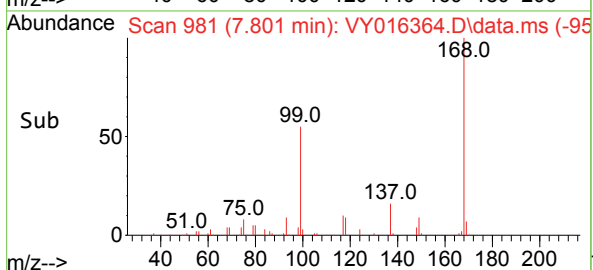
Tgt Ion: 75 Resp: 6844
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#

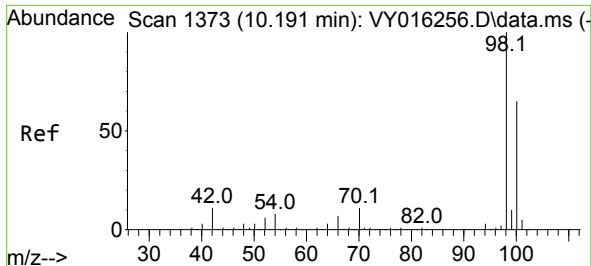


#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24



Tgt Ion: 117 Resp: 9311
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.960 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016364.D

Acq: 15 Nov 2023 14:24

Instrument :

MSVOA_Y

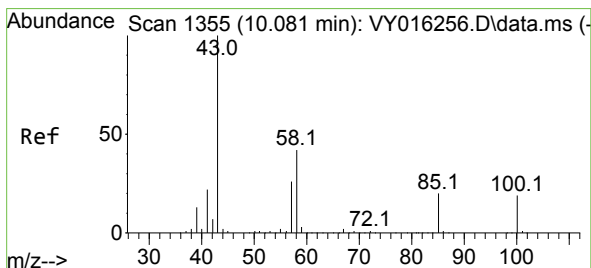
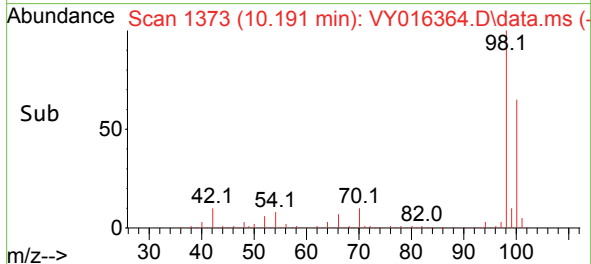
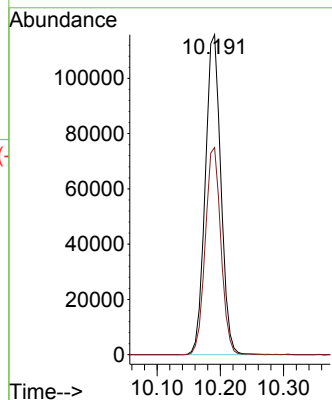
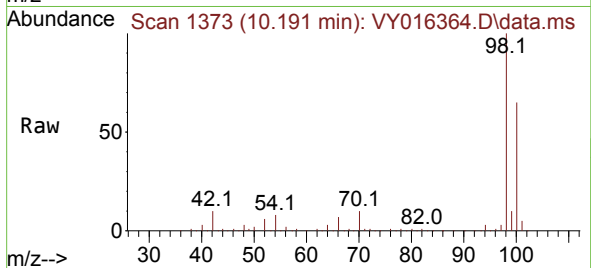
ClientSampleId :

Tgt Ion: 98 Resp: 199079

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.088 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.103 min

Lab File: VY016364.D

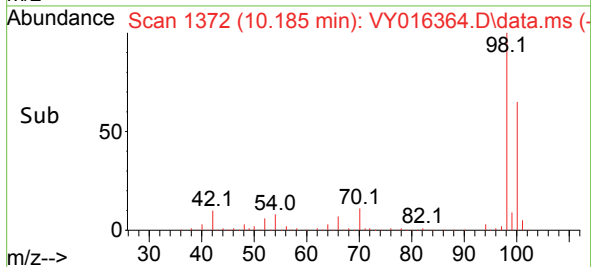
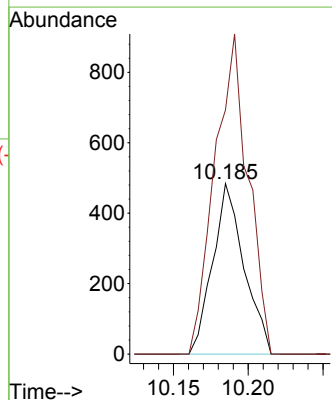
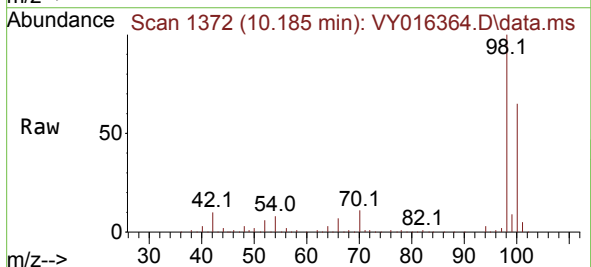
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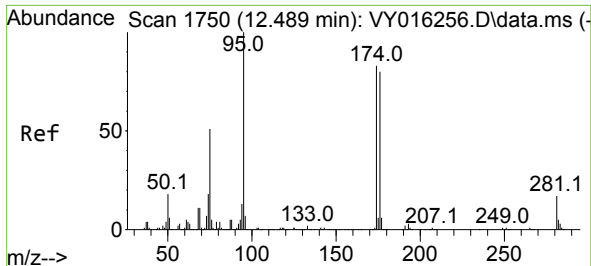
Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

58 200.0 29.0 43.6#

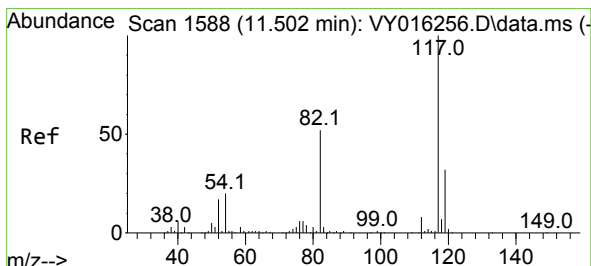
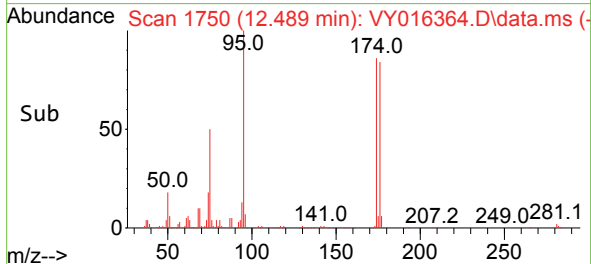
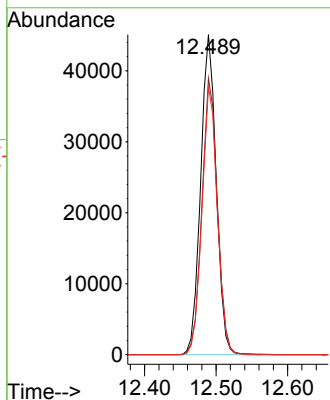
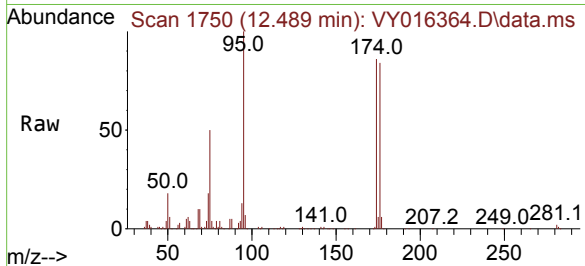




#62
4-Bromofluorobenzene
Concen: 54.700 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

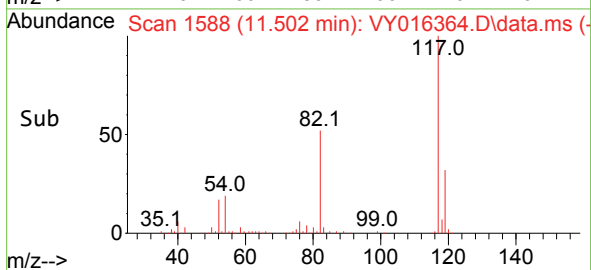
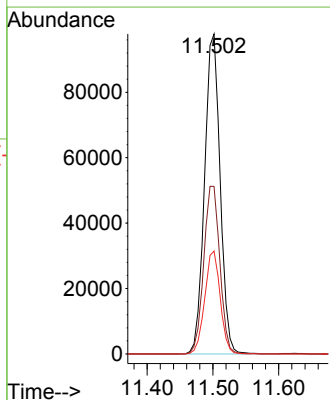
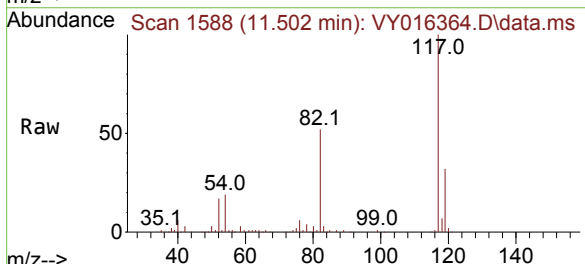
Instrument :
MSVOA_Y
ClientSampleId :

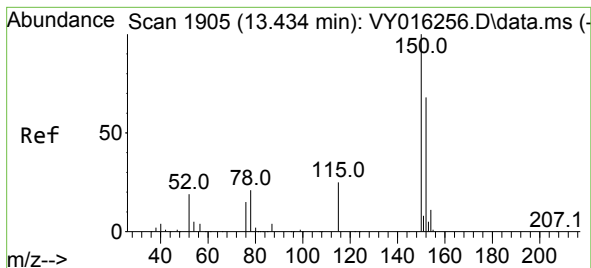
Tgt Ion: 95 Resp: 68068
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 117 Resp: 161494
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.1 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

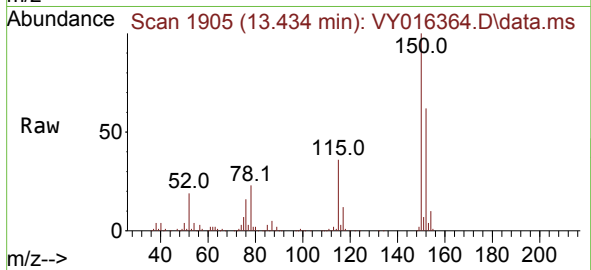
Lab File: VY016364.D

Acq: 15 Nov 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :



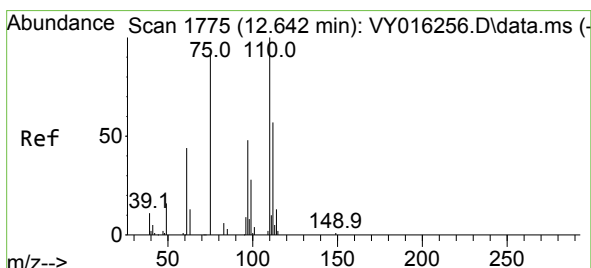
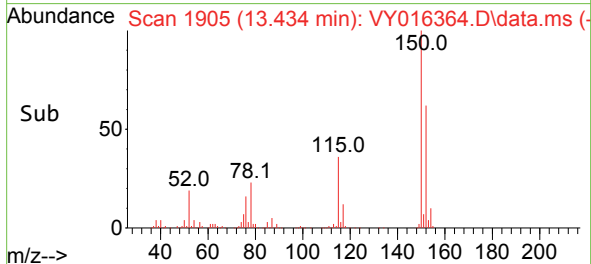
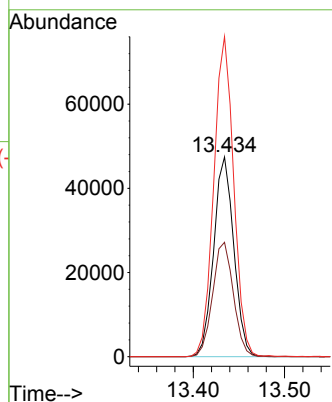
Tgt Ion:152 Resp: 72764

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 158.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 49.171 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016364.D

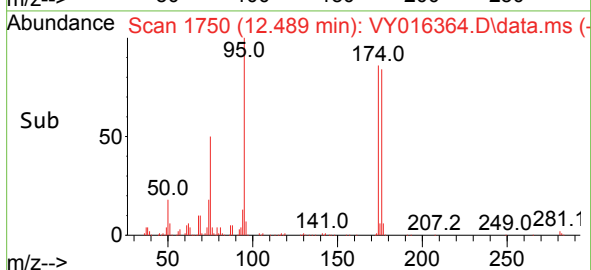
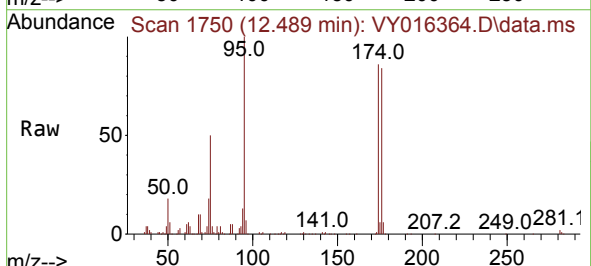
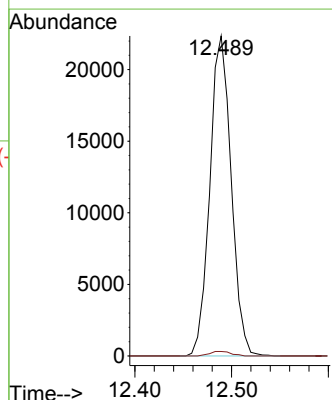
Acq: 15 Nov 2023 14:24

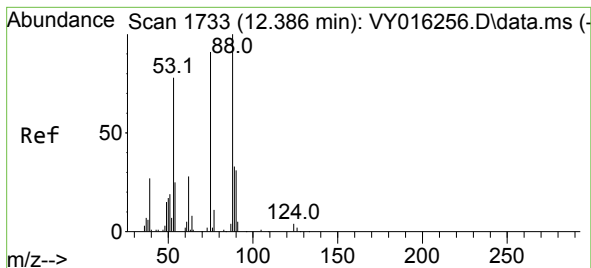
Tgt Ion: 75 Resp: 34322

Ion Ratio Lower Upper

75 100

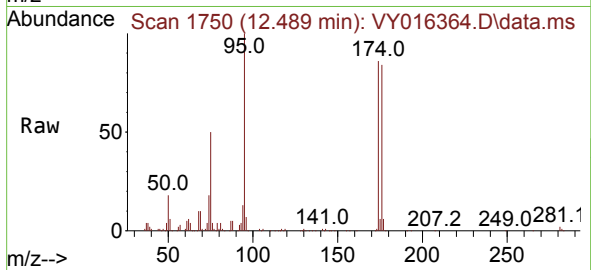
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.729 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016364.D
 Acq: 15 Nov 2023 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34322
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

