

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076406.D
 Acq On : 13 Jun 2023 15:48
 Operator : KP/SY
 Sample : 03074-07RE
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-01RE

Quant Time: Jun 14 05:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

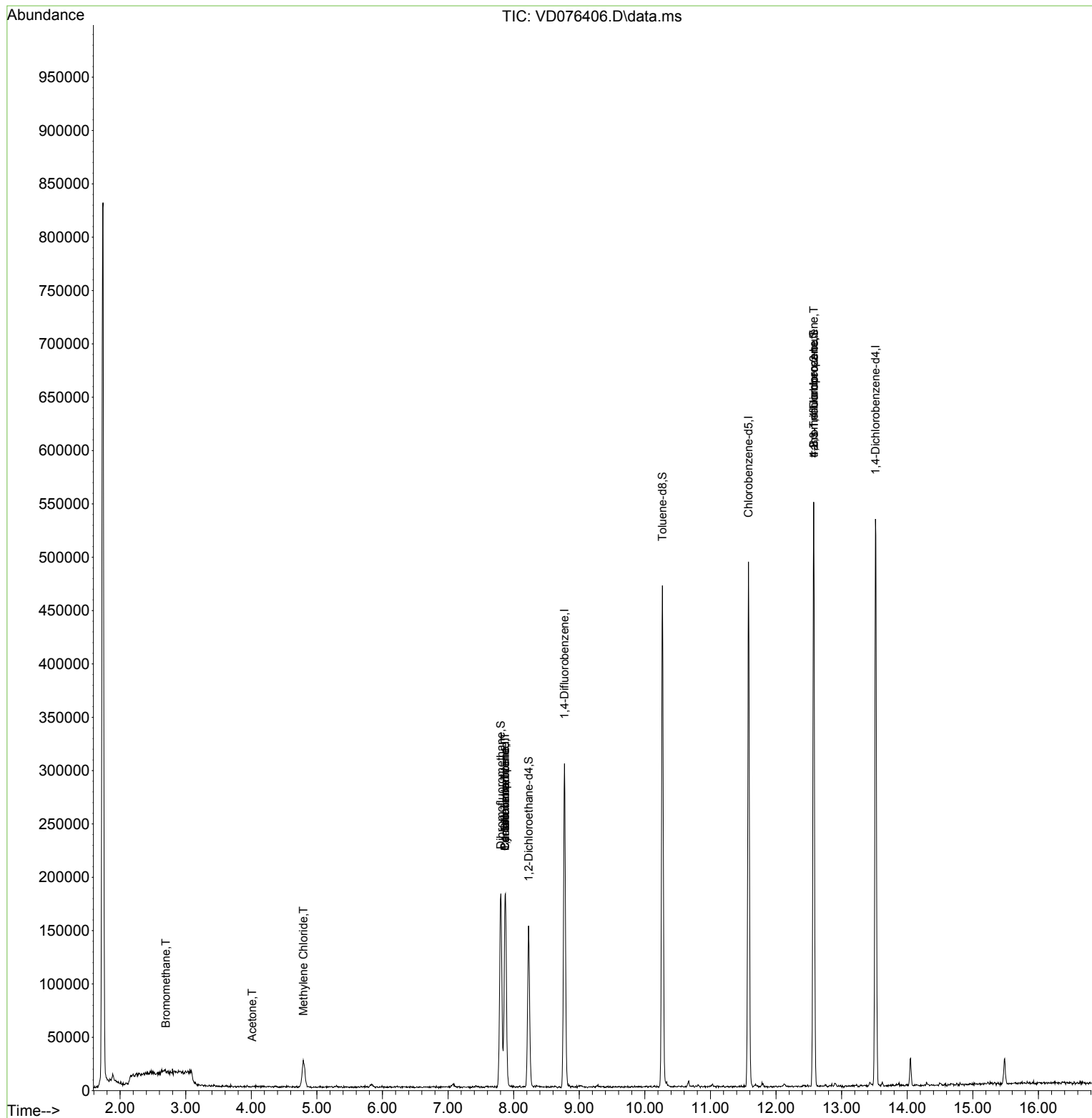
Internal Standards						
1) Pentafluorobenzene	7.869	168	147978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	264804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107940	63.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.300%	
35) Dibromofluoromethane	7.804	113	131206	76.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 153.320%#	
50) Toluene-d8	10.269	98	318996	49.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.575	95	161246	72.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 144.940%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	1380	1.100	ug/l	94
16) Acetone	4.016	43	1411	3.755	ug/l #	78
20) Methylene Chloride	4.793	84	17035	3.064	ug/l #	66
28) Bromochloromethane	7.428	49	333	Below Cal	#	65
31) Cyclohexane	7.869	56	3817	1.396	ug/l #	59
36) 1,1-Dichloropropene	7.869	75	12048	4.823	ug/l #	49
38) Carbon Tetrachloride	7.869	117	14692	6.335	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	85153	63.677	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	85153	114.009	ug/l #	17

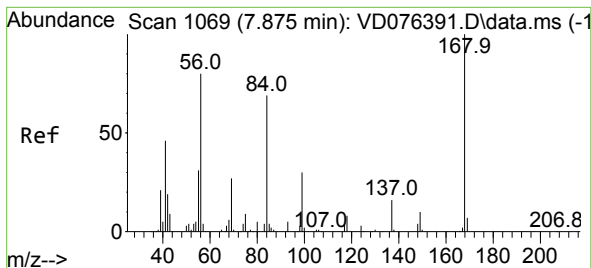
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076406.D

Acq: 13 Jun 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

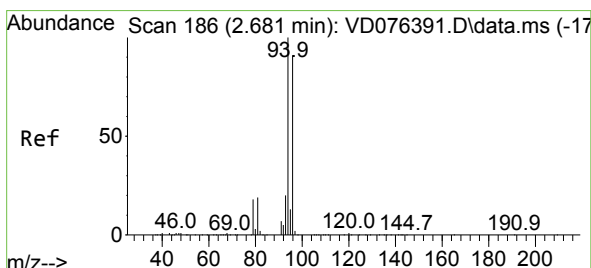
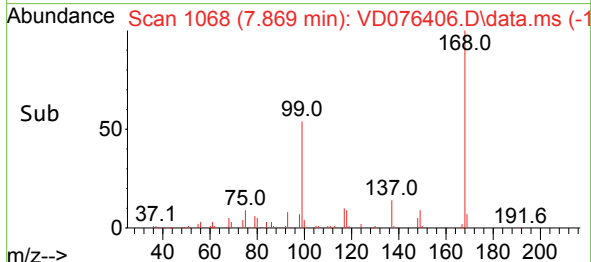
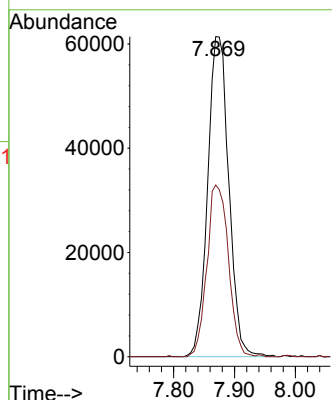
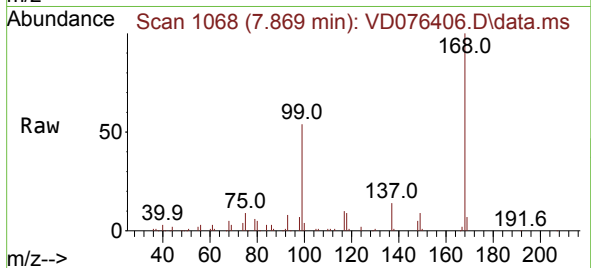
GP-01RE

Tgt Ion:168 Resp: 147978

Ion Ratio Lower Upper

168 100

99 53.6 36.7 55.1



#5

Bromomethane

Concen: 1.100 ug/l

RT: 2.699 min Scan# 189

Delta R.T. 0.018 min

Lab File: VD076406.D

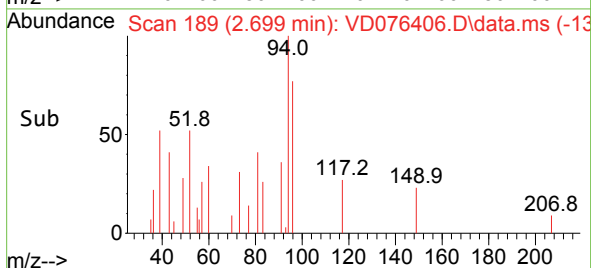
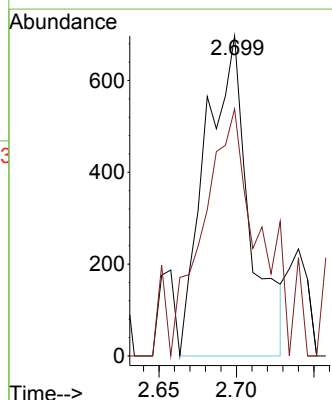
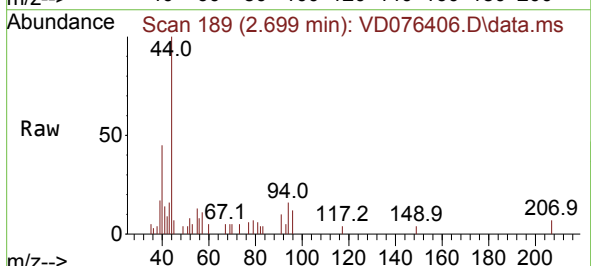
Acq: 13 Jun 2023 15:48

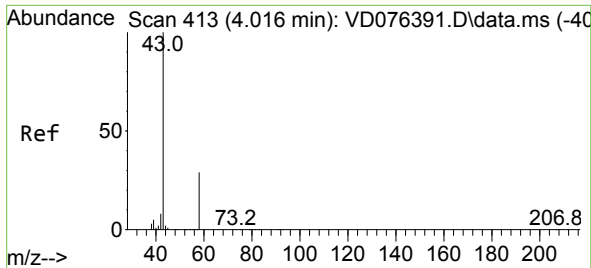
Tgt Ion: 94 Resp: 1380

Ion Ratio Lower Upper

94 100

96 100.1 75.8 113.8

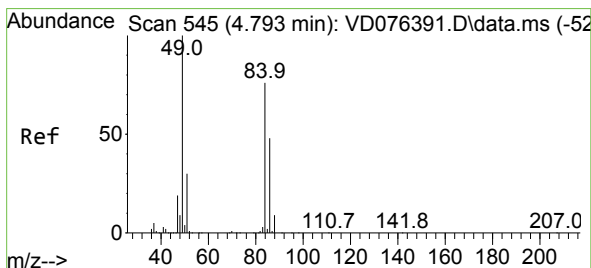
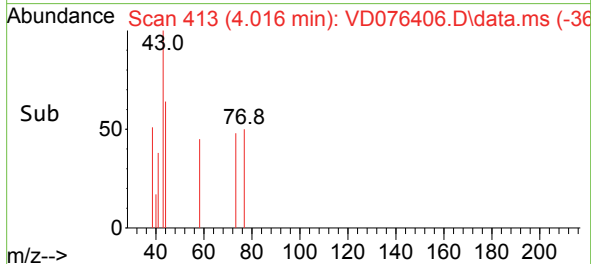
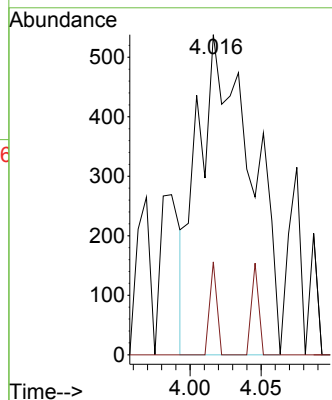
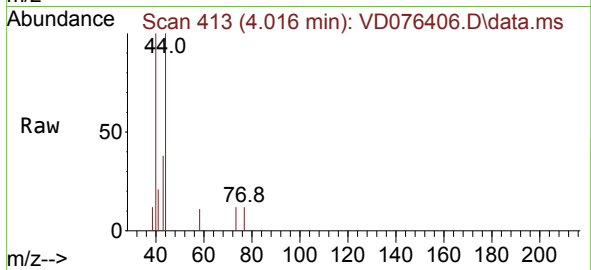




#16
Acetone
Concen: 3.755 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

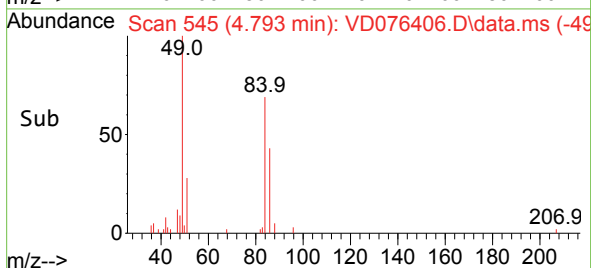
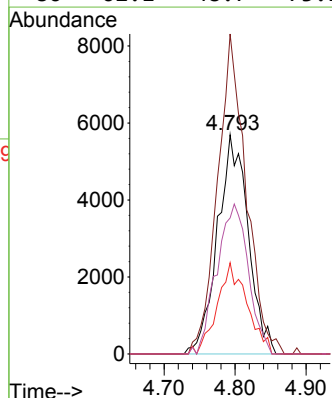
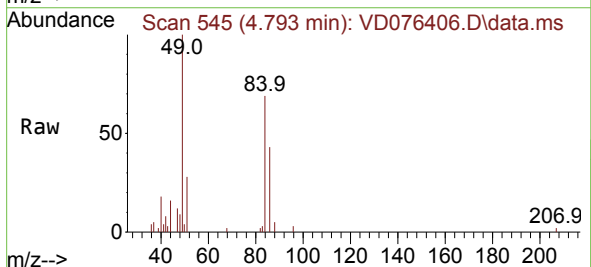
Instrument :
MSVOA_D
ClientSampleId :
GP-01RE

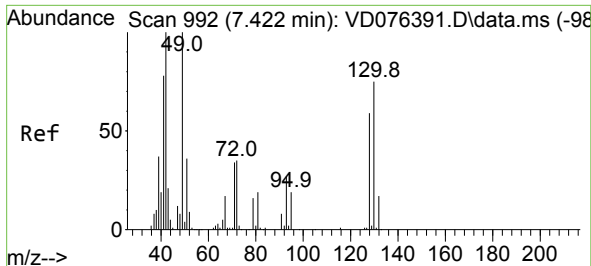
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 29.0 34.7 52.1#



#20
Methylene Chloride
Concen: 3.064 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion: 84 Resp: 17035
Ion Ratio Lower Upper
84 100
49 145.9 71.4 107.2#
51 41.6 24.5 36.7#
86 62.1 48.7 73.1

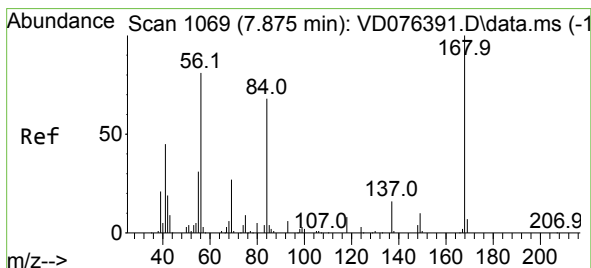
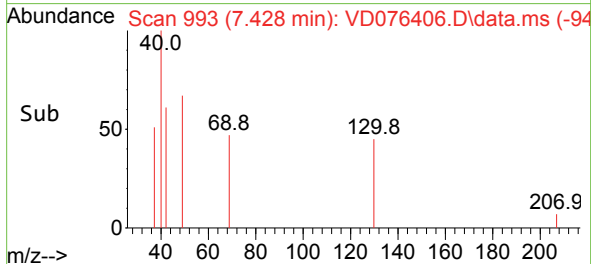
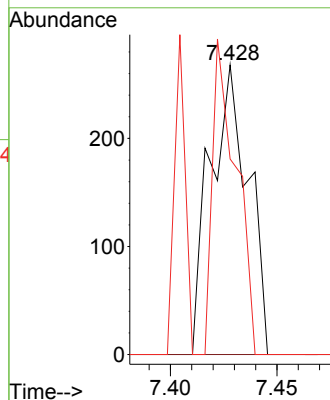
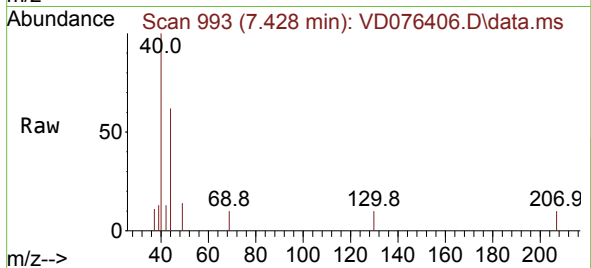




#28
Bromochloromethane
Concen: Below Cal
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

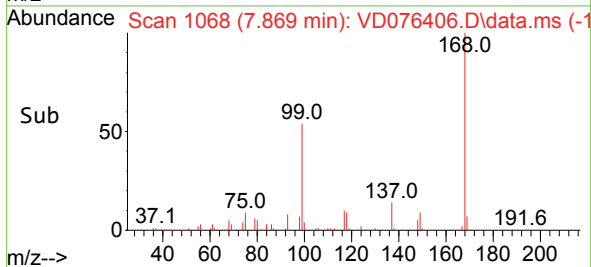
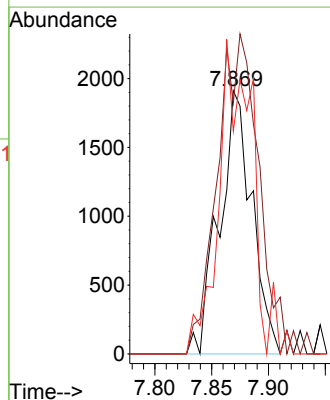
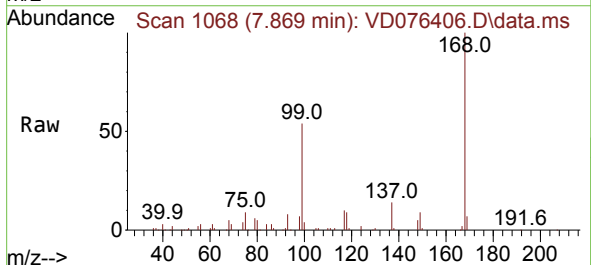
Instrument :
MSVOA_D
ClientSampleId :
GP-01RE

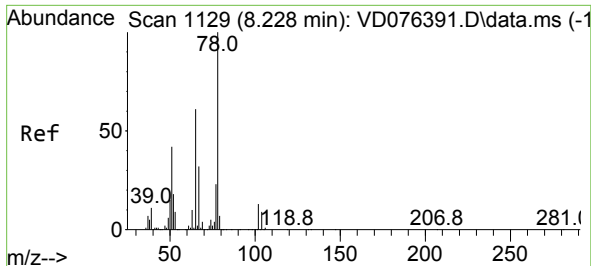
Tgt Ion: 49 Resp: 333
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 67.6 83.2 124.8#



#31
Cyclohexane
Concen: 1.396 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion: 56 Resp: 3817
Ion Ratio Lower Upper
56 100
69 95.3 28.6 43.0#
84 84.7 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 63.152 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076406.D

Acq: 13 Jun 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

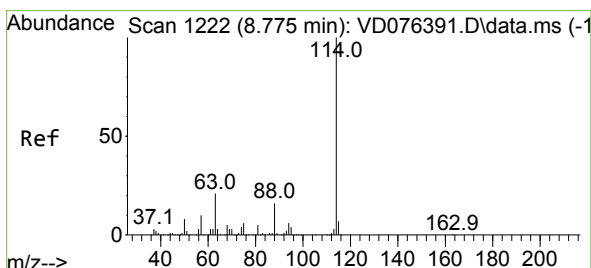
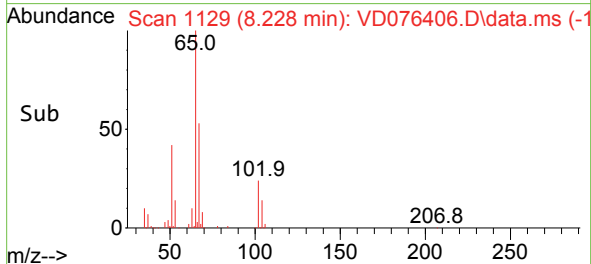
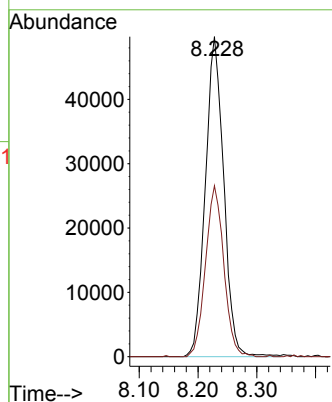
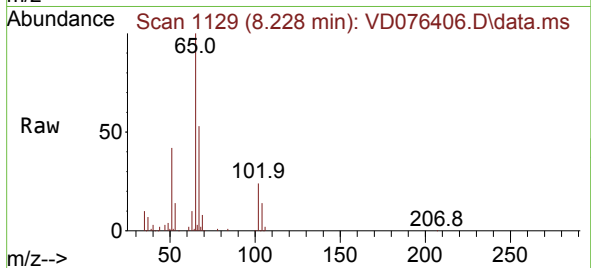
GP-01RE

Tgt Ion: 65 Resp: 107940

Ion Ratio Lower Upper

65 100

67 53.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076406.D

Acq: 13 Jun 2023 15:48

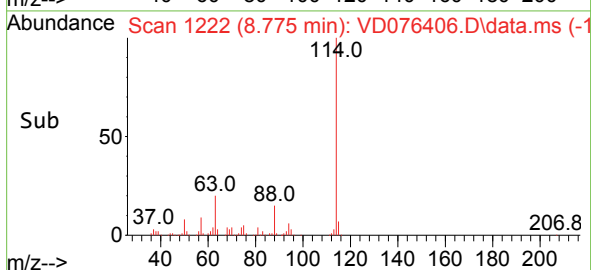
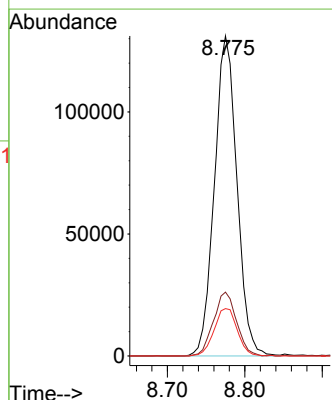
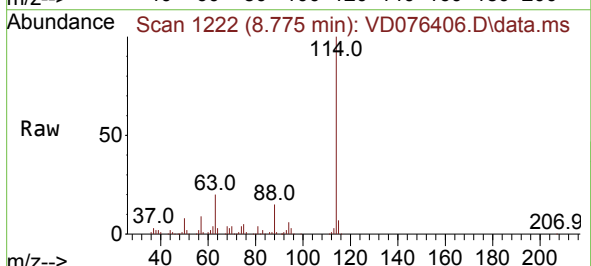
Tgt Ion: 114 Resp: 264804

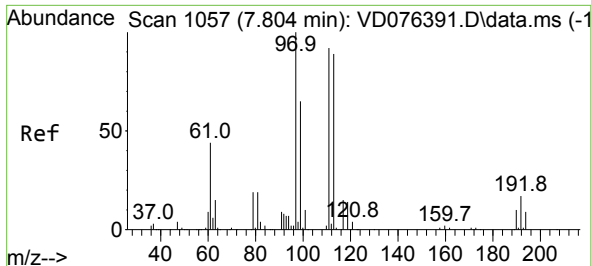
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 14.8 0.0 26.2

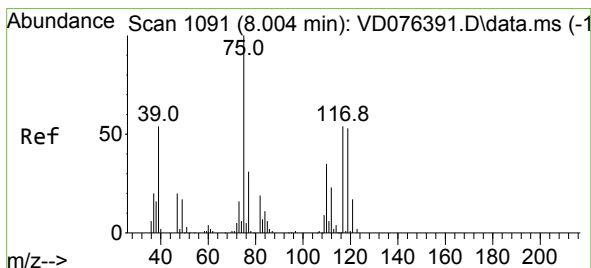
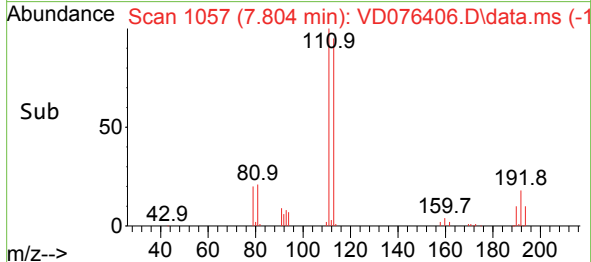
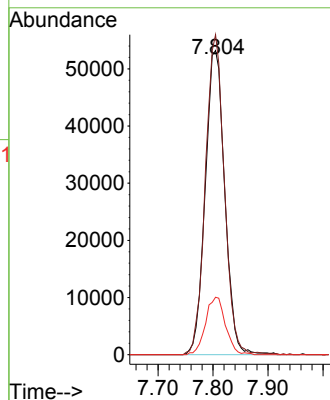
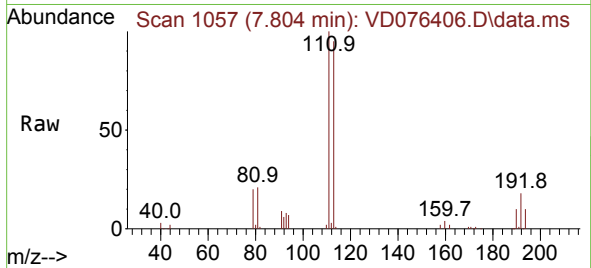




#35
Dibromofluoromethane
Concen: 76.663 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

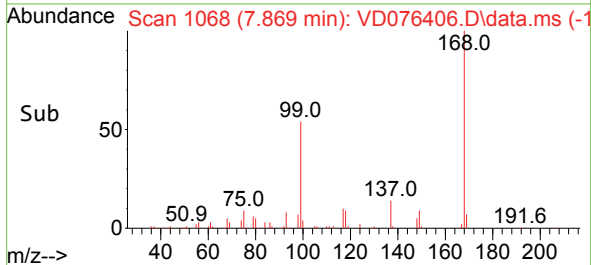
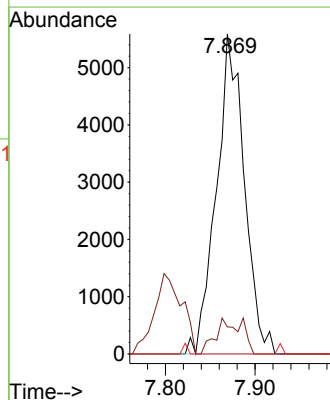
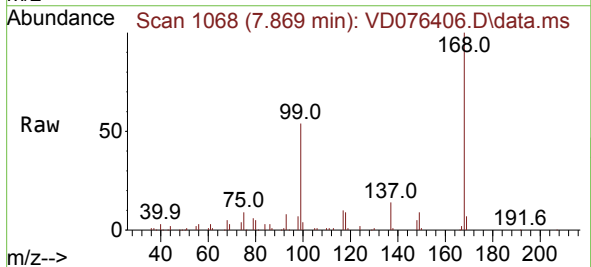
Instrument :
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ClientSampleId :
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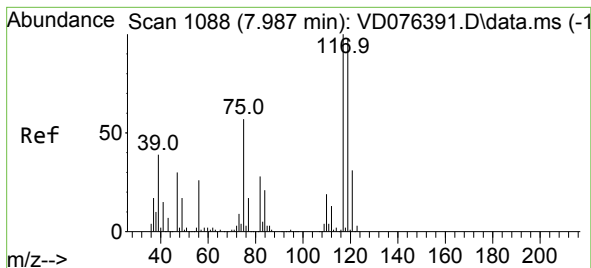
Tgt Ion:113 Resp: 131206
Ion Ratio Lower Upper
113 100
111 102.1 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion: 75 Resp: 12048
Ion Ratio Lower Upper
75 100
110 10.4 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.335 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD076406.D

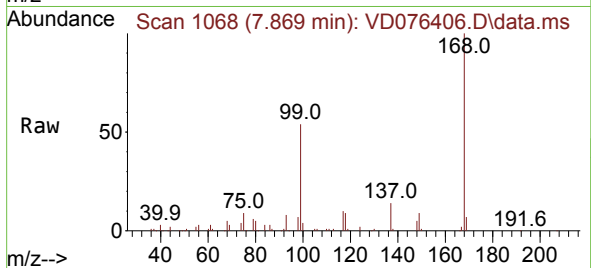
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Instrument :

MSVOA_D

ClientSampleId :

GP-01RE



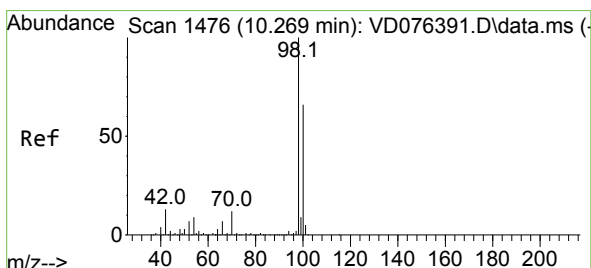
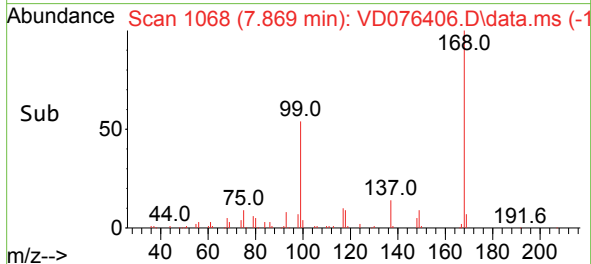
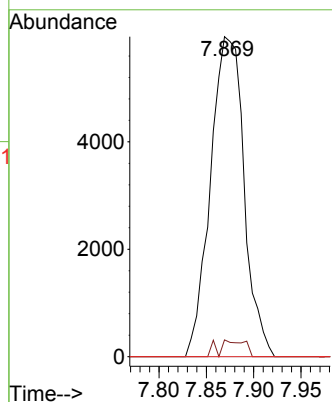
Tgt Ion:117 Resp: 14692

Ion Ratio Lower Upper

117 100

119 5.3 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.184 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076406.D

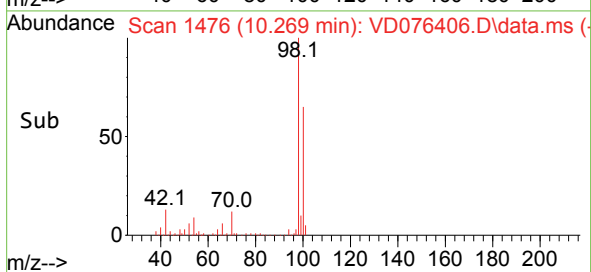
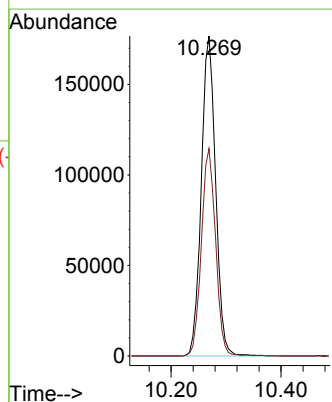
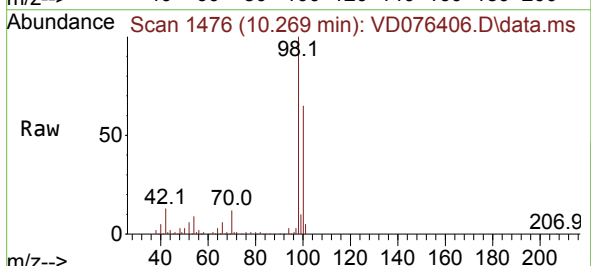
Acq: 13 Jun 2023 15:48

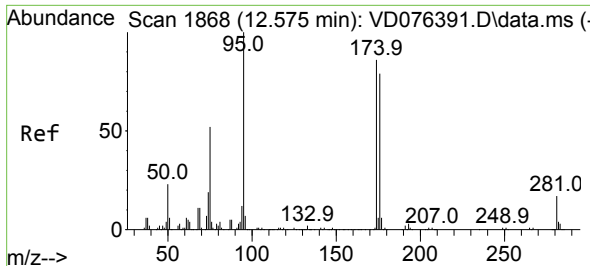
Tgt Ion: 98 Resp: 318996

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

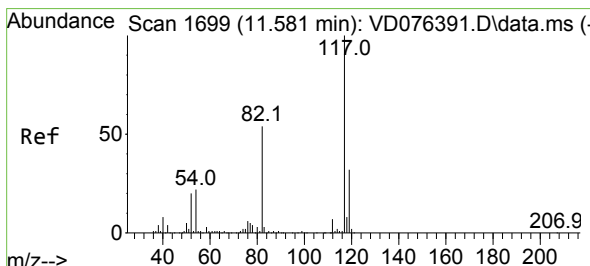
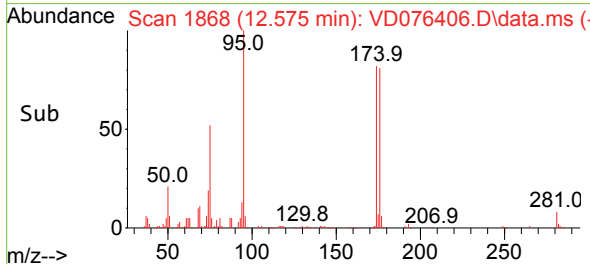
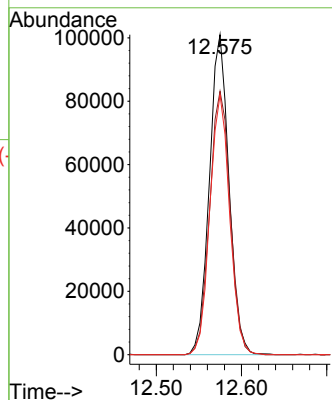
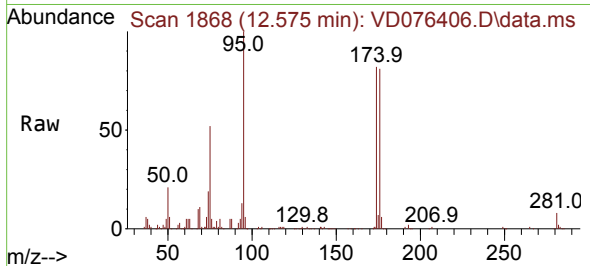




#62
4-Bromofluorobenzene
Concen: 72.470 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

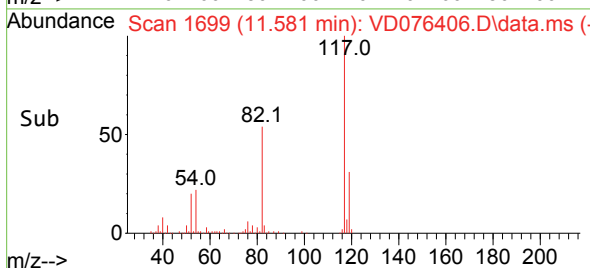
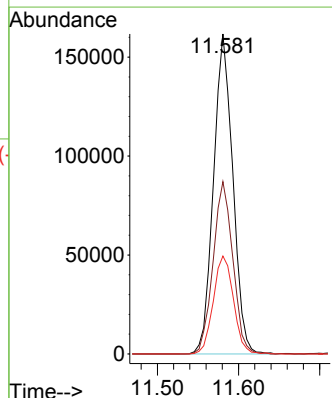
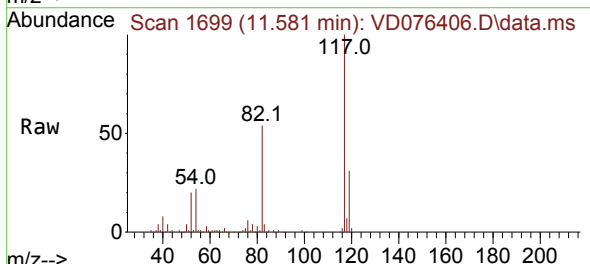
Instrument :
MSVOA_D
ClientSampleId :
GP-01RE

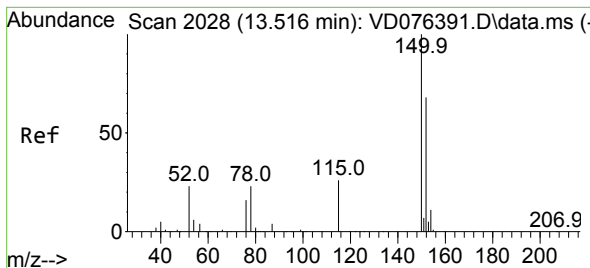
Tgt Ion: 95 Resp: 161246
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 82.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion: 117 Resp: 267021
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 30.6 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD076406.D

Acq: 13 Jun 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

GP-01RE

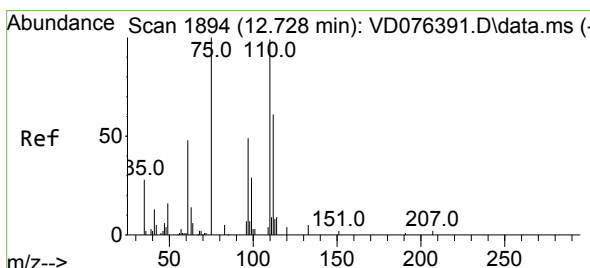
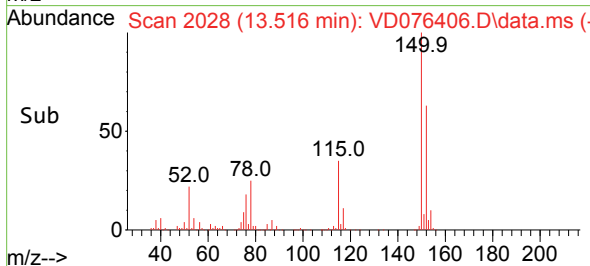
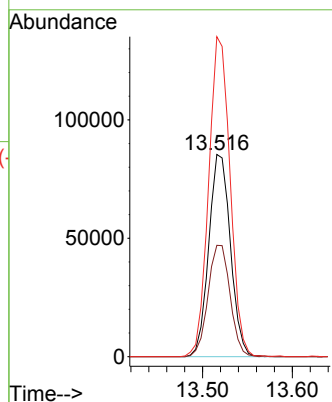
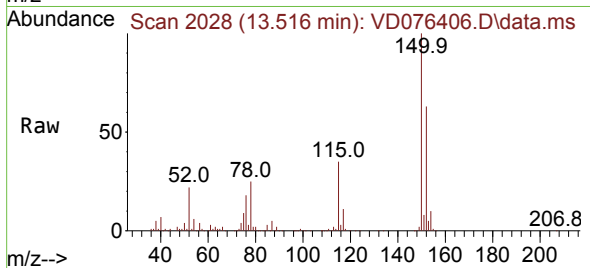
Tgt Ion:152 Resp: 143042

Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 156.6 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 63.677 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD076406.D

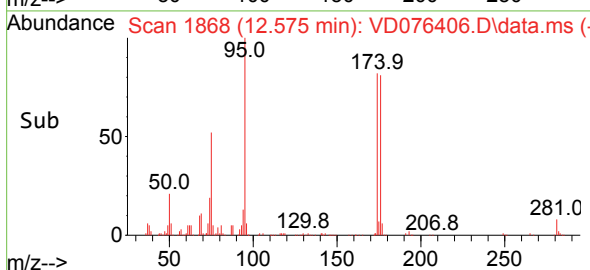
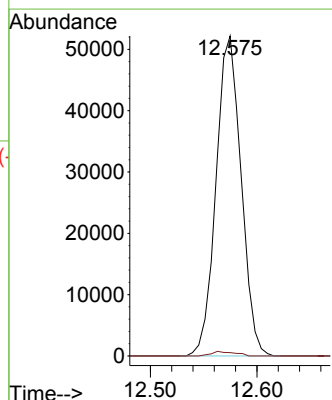
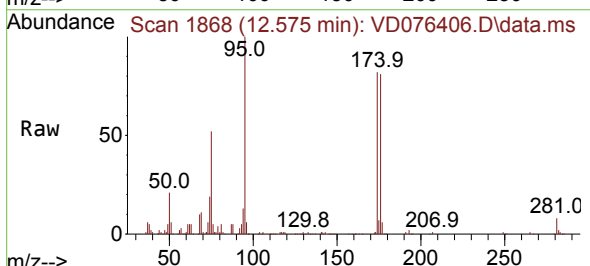
Acq: 13 Jun 2023 15:48

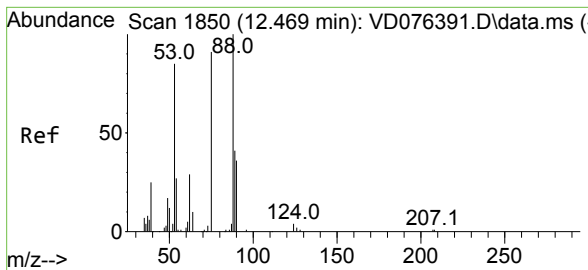
Tgt Ion: 75 Resp: 85153

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.009 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076406.D
 Acq: 13 Jun 2023 15:48

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-01RE

Tgt Ion:	75	Resp:	85153
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

