

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075647.D
 Acq On : 12 Apr 2023 18:46
 Operator : KP/SY
 Sample : 02262-01
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-1-040723

Quant Time: Apr 13 07:30:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

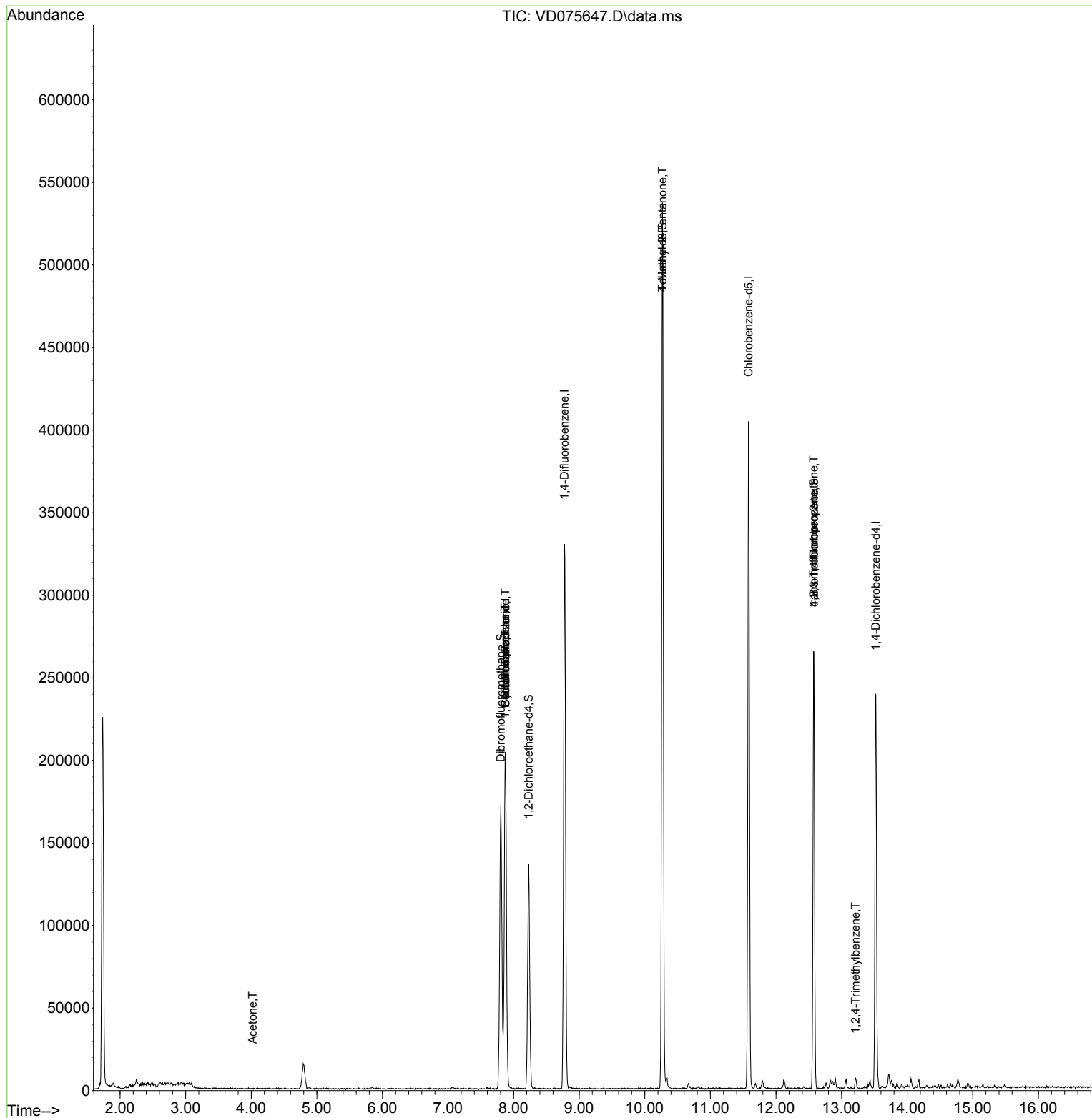
Internal Standards						
1) Pentafluorobenzene	7.875	168	169381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	71146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100042	71.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.000%
35) Dibromofluoromethane	7.805	113	127864	68.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.620%
50) Toluene-d8	10.269	98	393334	53.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.575	95	82191	38.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.100%
Target Compounds						Qvalue
16) Acetone	4.022	43	259	1.023	ug/l #	44
20) Methylene Chloride	4.805	84	13653	Below Cal	#	68
31) Cyclohexane	7.875	56	3080	1.524	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13437	5.621	ug/l #	48
38) Carbon Tetrachloride	7.875	117	16002	6.980	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1198	1.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41411	89.530	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41411	170.454	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.210	105	4396	1.204	ug/l	91

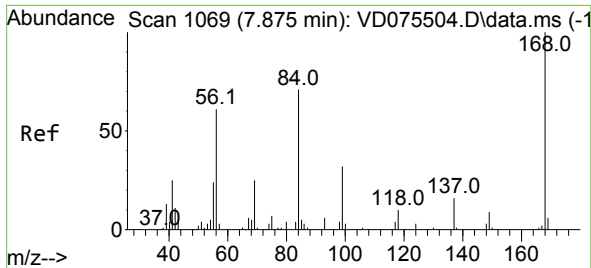
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\  
Data File : VD075647.D  
Acq On    : 12 Apr 2023   18:46  
Operator  : KP/SY  
Sample    : 02262-01  
Misc      : 5.62G/5.00ml/MSVOA_D/SOIL  
ALS Vial  : 17   Sample Multiplier: 1
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Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723

Quant Time: Apr 13 07:30:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

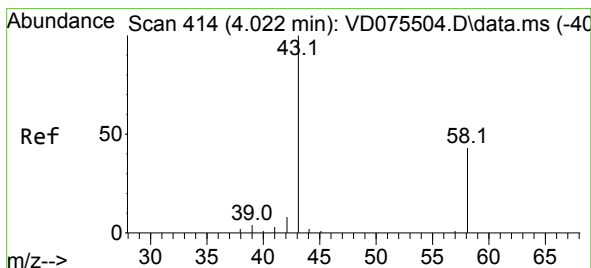
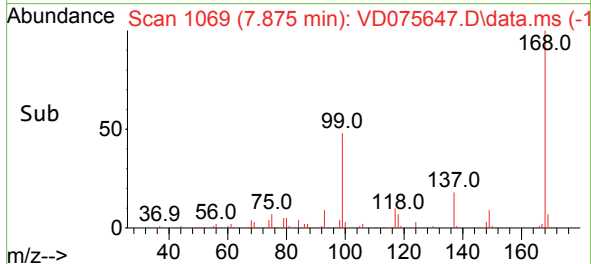
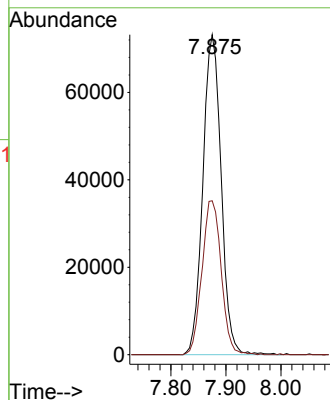
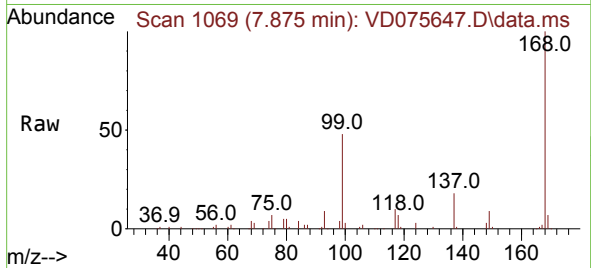




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

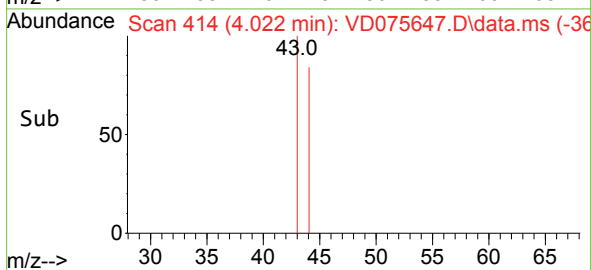
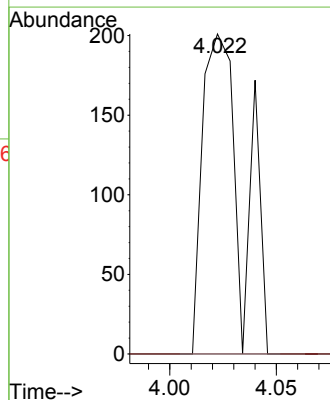
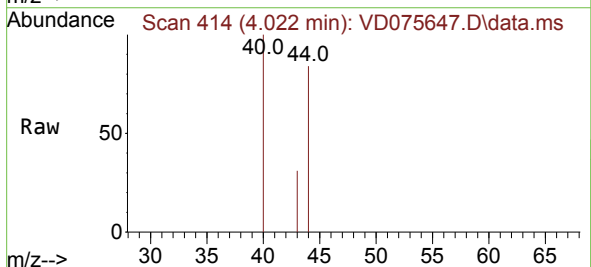
Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723

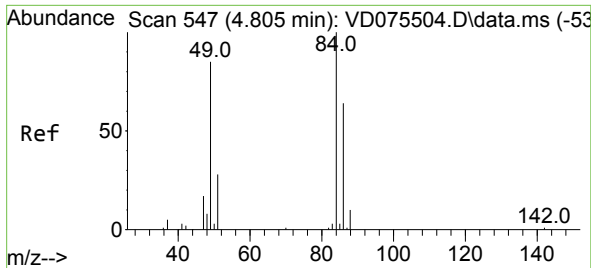
Tgt Ion:168 Resp: 169381
Ion Ratio Lower Upper
168 100
99 48.1 43.8 65.6



#16
Acetone
Concen: 1.023 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

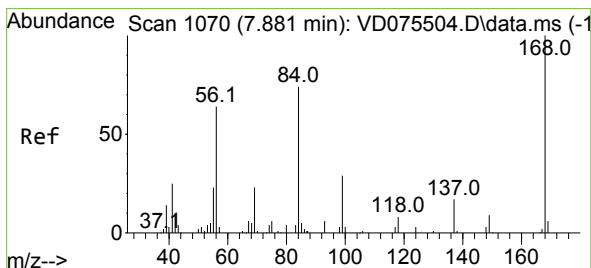
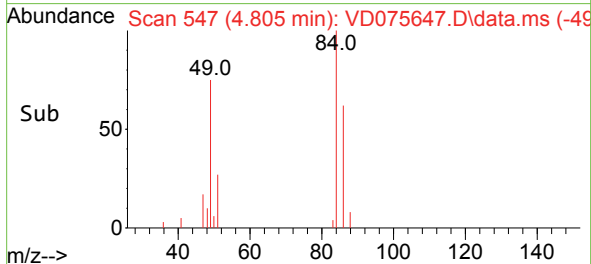
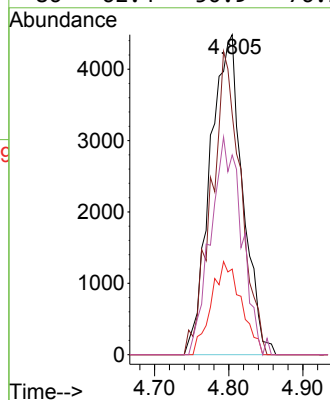
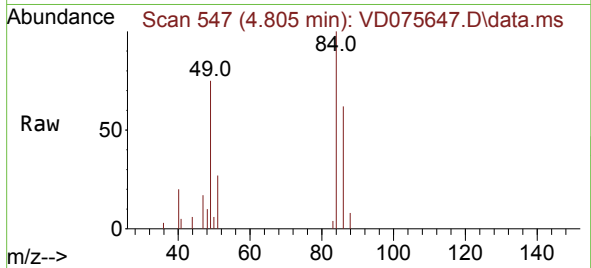




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

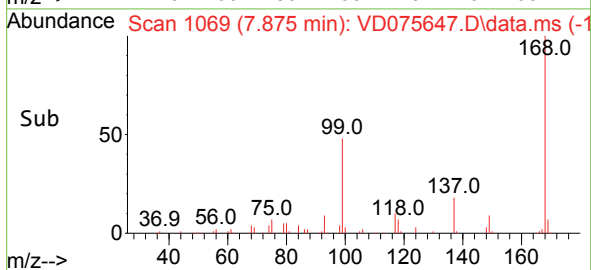
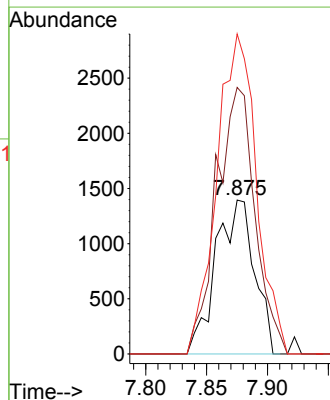
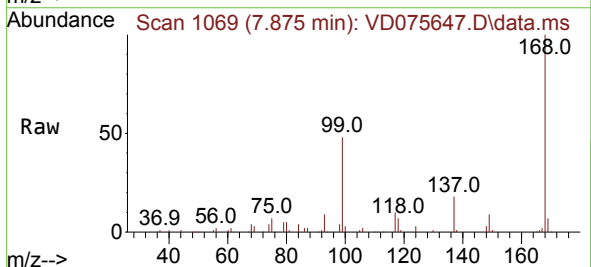
Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723

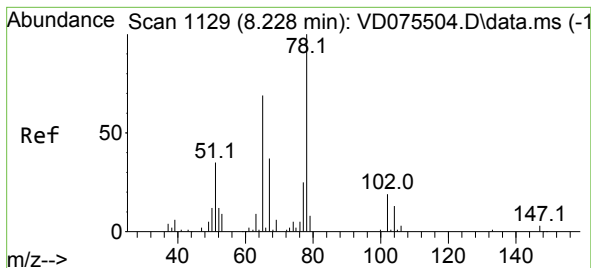
Tgt Ion:	84	Resp:	13653
Ion	Ratio	Lower	Upper
84	100		
49	75.2	106.4	159.6#
51	26.8	32.4	48.6#
86	62.4	50.9	76.3



#31
Cyclohexane
Concen: 1.524 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

Tgt Ion:	56	Resp:	3080
Ion	Ratio	Lower	Upper
56	100		
69	173.2	25.5	38.3#
84	208.0	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 71.998 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

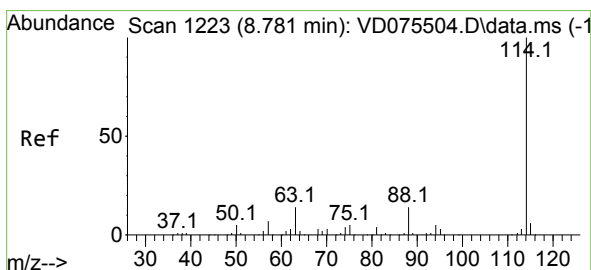
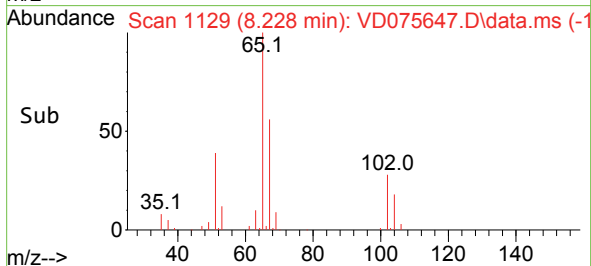
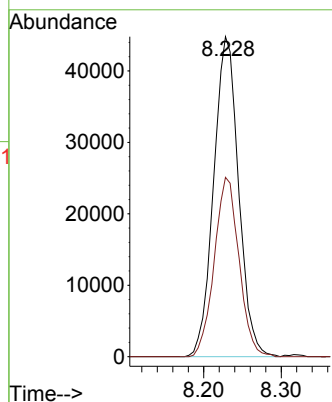
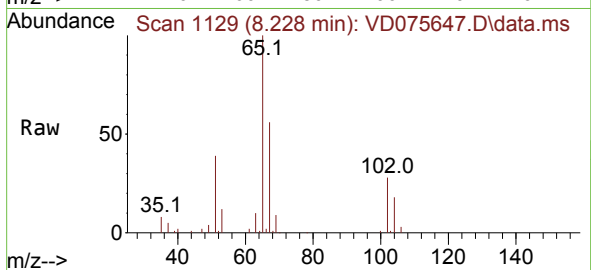
JPP-1-040723

Tgt Ion: 65 Resp: 100042

Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

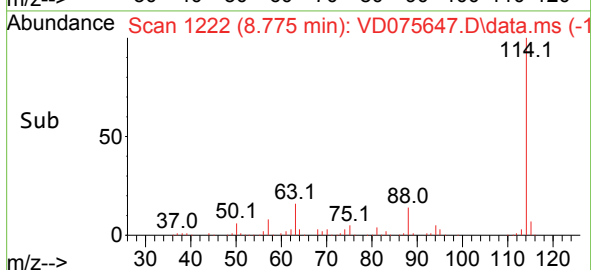
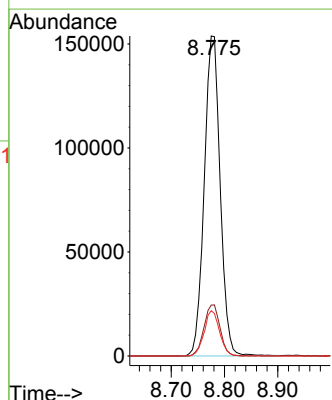
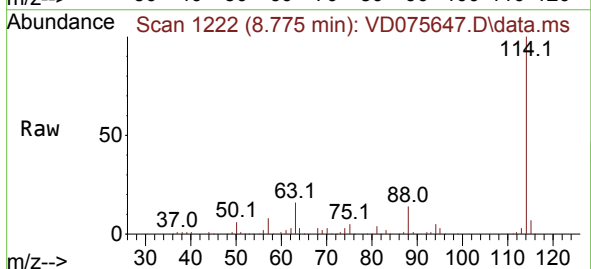
Tgt Ion: 114 Resp: 319387

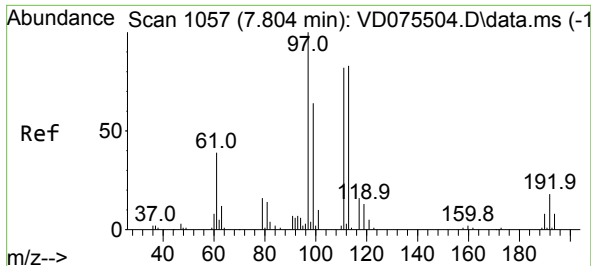
Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 68.311 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723

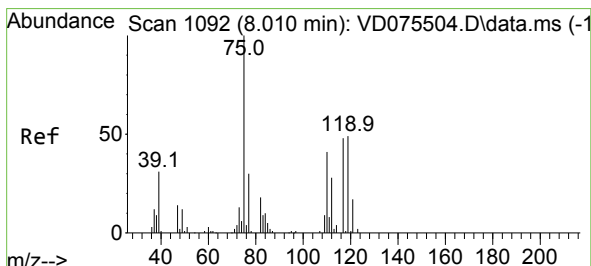
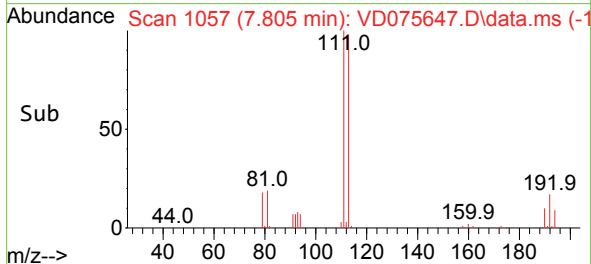
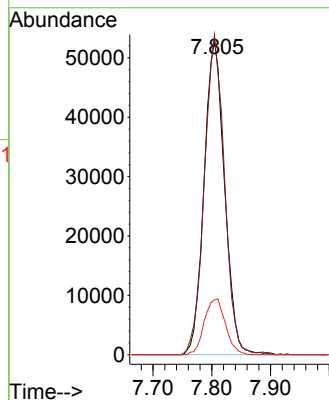
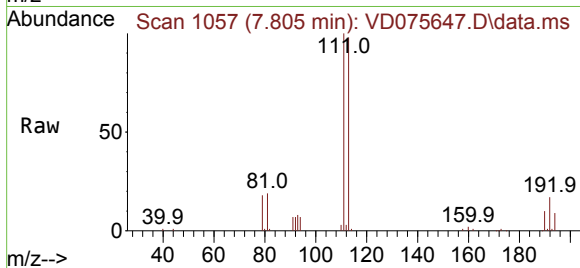
Tgt Ion:113 Resp: 127864

Ion Ratio Lower Upper

113 100

111 100.1 81.4 122.0

192 18.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.621 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

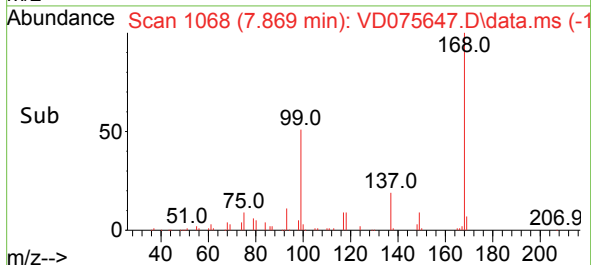
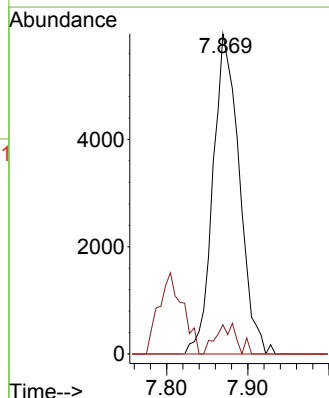
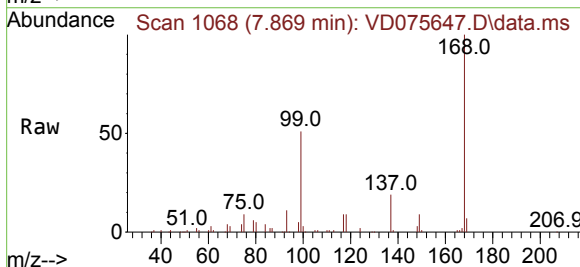
Tgt Ion: 75 Resp: 13437

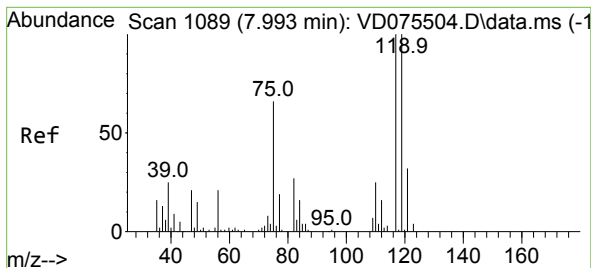
Ion Ratio Lower Upper

75 100

110 6.8 17.1 51.2#

77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.980 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075647.D

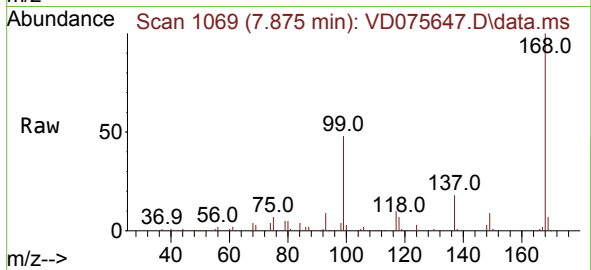
Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723



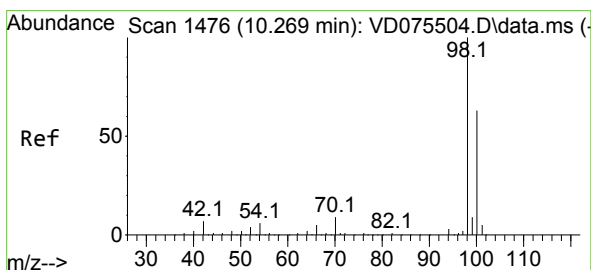
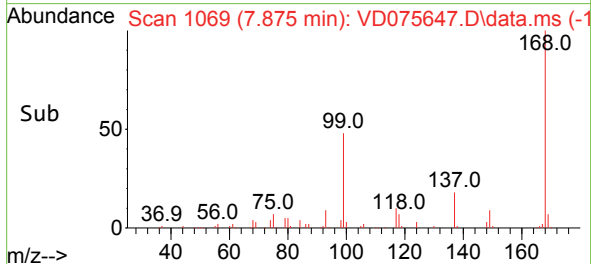
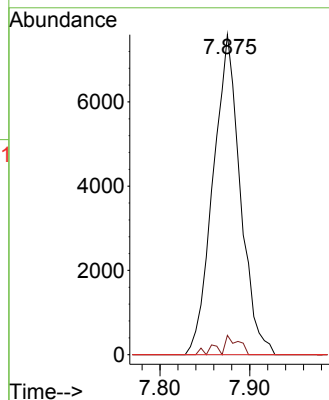
Tgt Ion:117 Resp: 16002

Ion Ratio Lower Upper

117 100

119 6.0 74.7 112.1#

121 0.0 25.9 38.9#



#50

Toluene-d8

Concen: 53.574 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075647.D

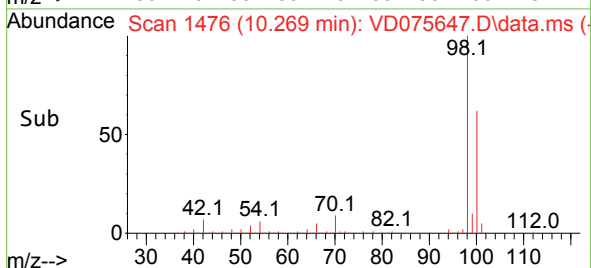
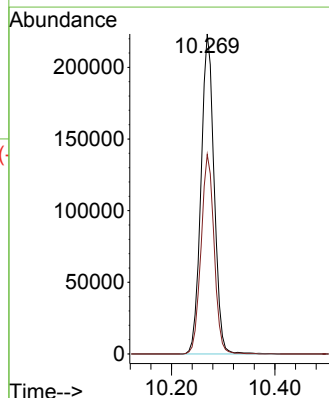
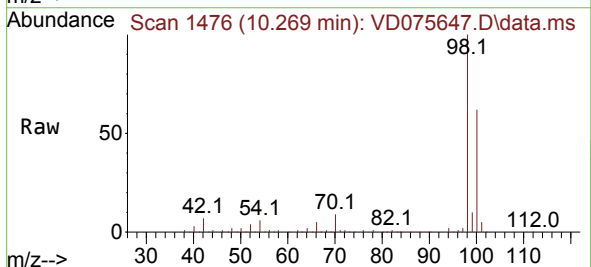
Acq: 12 Apr 2023 18:46

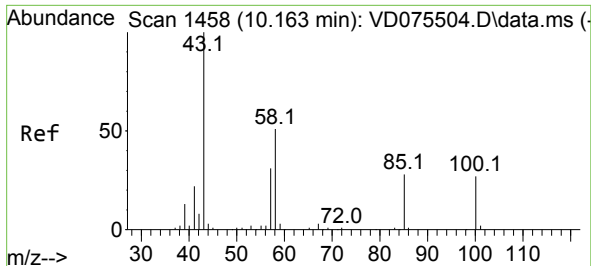
Tgt Ion: 98 Resp: 393334

Ion Ratio Lower Upper

98 100

100 62.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.622 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.112 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

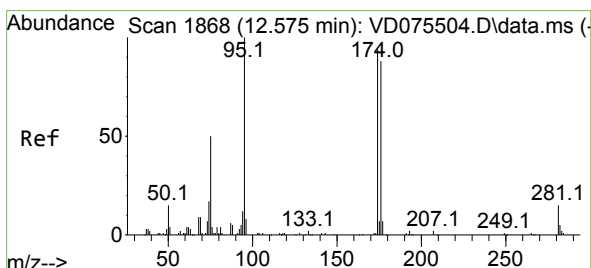
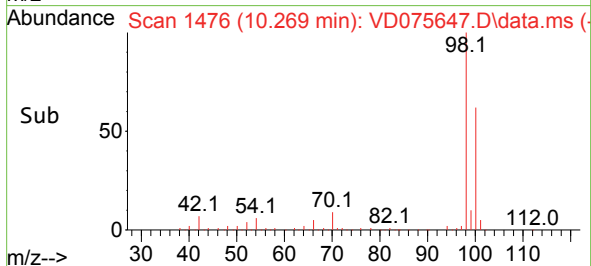
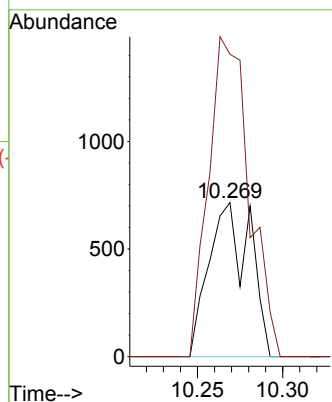
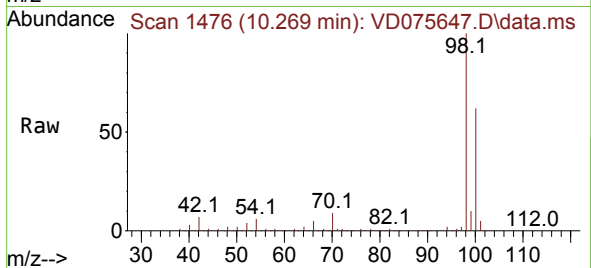
JPP-1-040723

Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

58 206.3 29.5 44.3#



#62

4-Bromofluorobenzene

Concen: 38.053 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

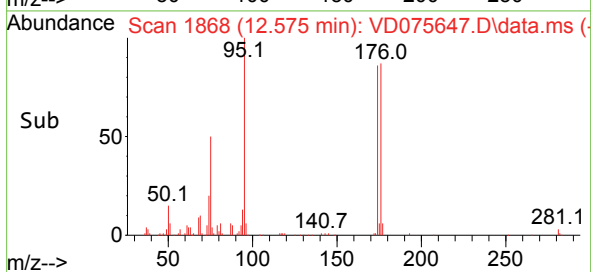
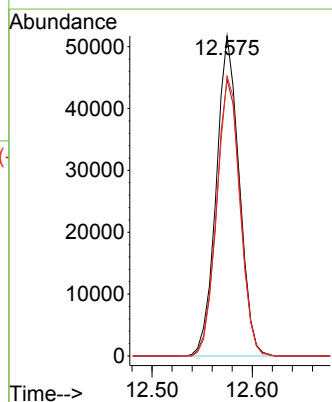
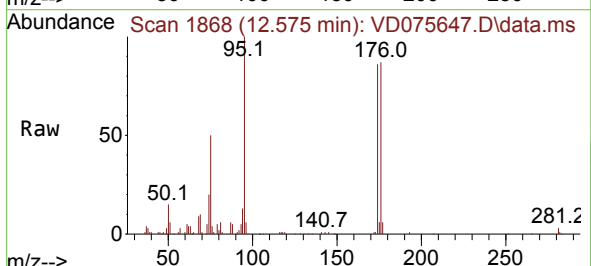
Tgt Ion: 95 Resp: 82191

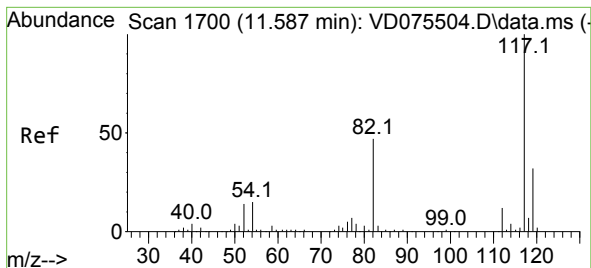
Ion Ratio Lower Upper

95 100

174 89.0 0.0 164.0

176 87.9 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723

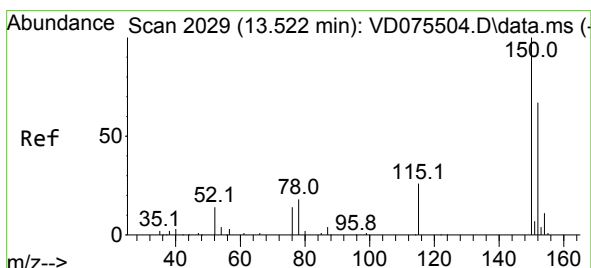
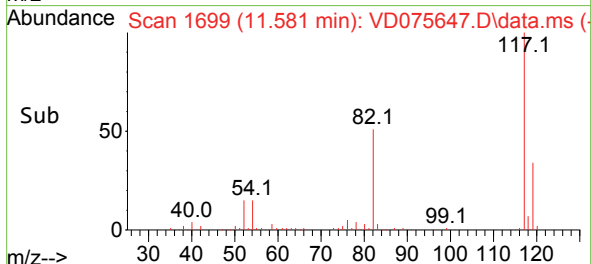
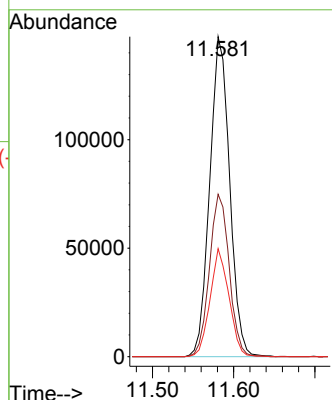
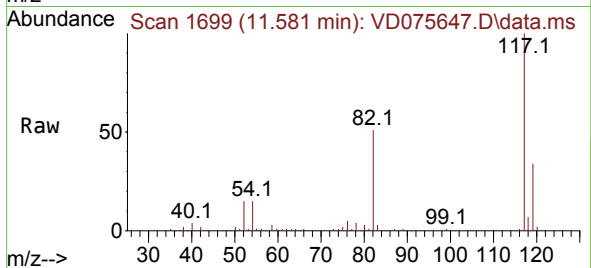
Tgt Ion:117 Resp: 251527

Ion Ratio Lower Upper

117 100

82 50.7 44.0 66.0

119 33.8 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

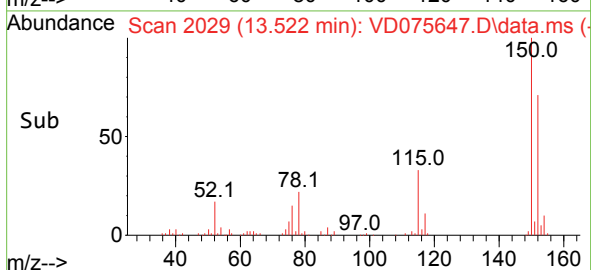
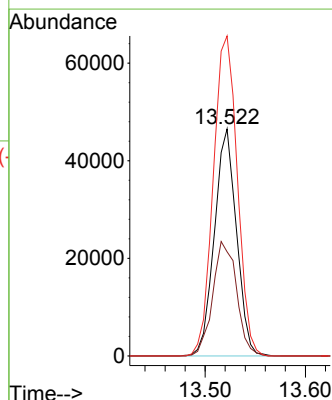
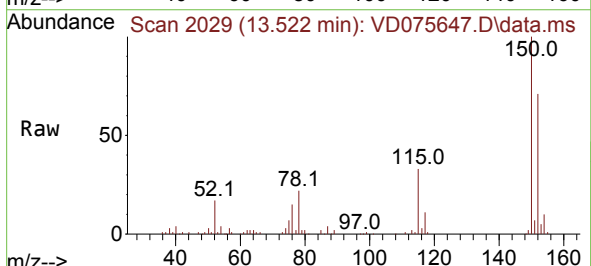
Tgt Ion:152 Resp: 71146

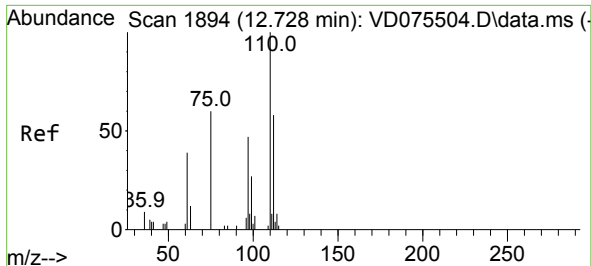
Ion Ratio Lower Upper

152 100

115 54.5 30.1 90.3

150 153.1 0.0 364.8

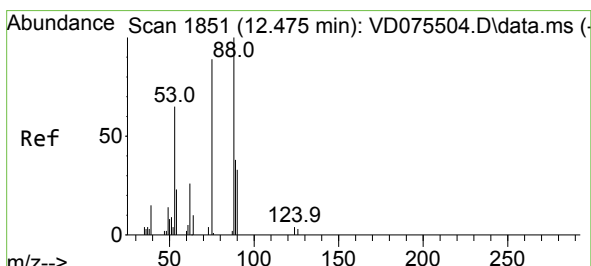
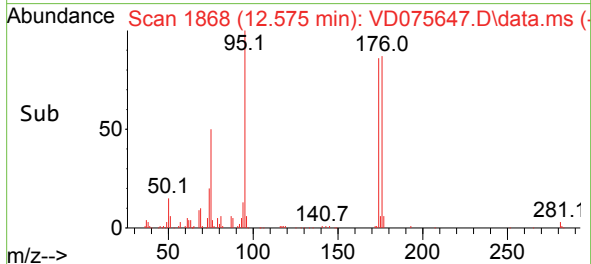
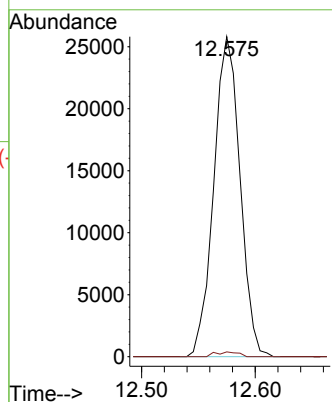
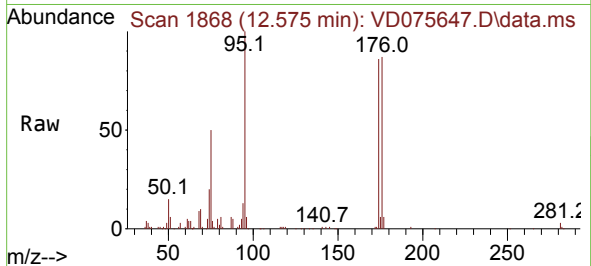




#76
1,2,3-Trichloropropane
Concen: 89.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

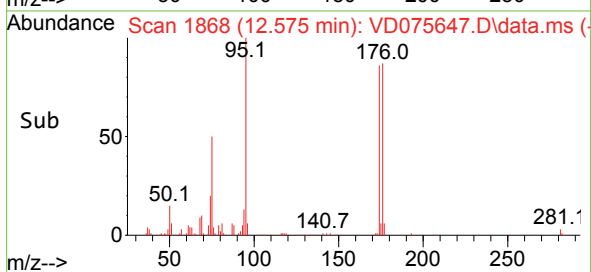
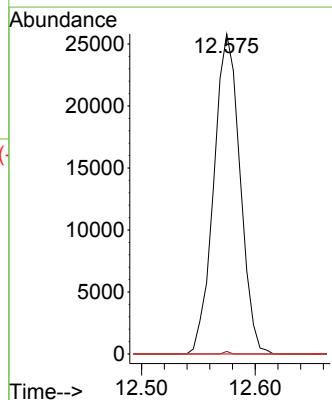
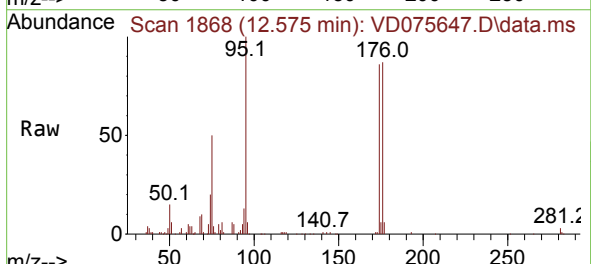
Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723

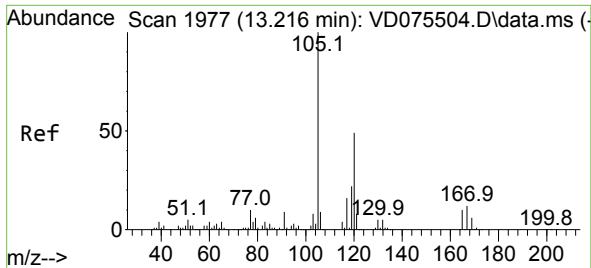
Tgt Ion: 75 Resp: 41411
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.454 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

Tgt Ion: 75 Resp: 41411
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 40.2 60.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.204 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD075647.D
 Acq: 12 Apr 2023 18:46

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-1-040723

Tgt Ion:105 Resp: 4396
 Ion Ratio Lower Upper
 105 100
 120 50.2 22.3 66.9

