

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075293.D
 Acq On : 09 Feb 2023 14:39
 Operator : KP/SY
 Sample : 01481-01
 Misc : 7.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-39-020723

Quant Time: Feb 10 02:02:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

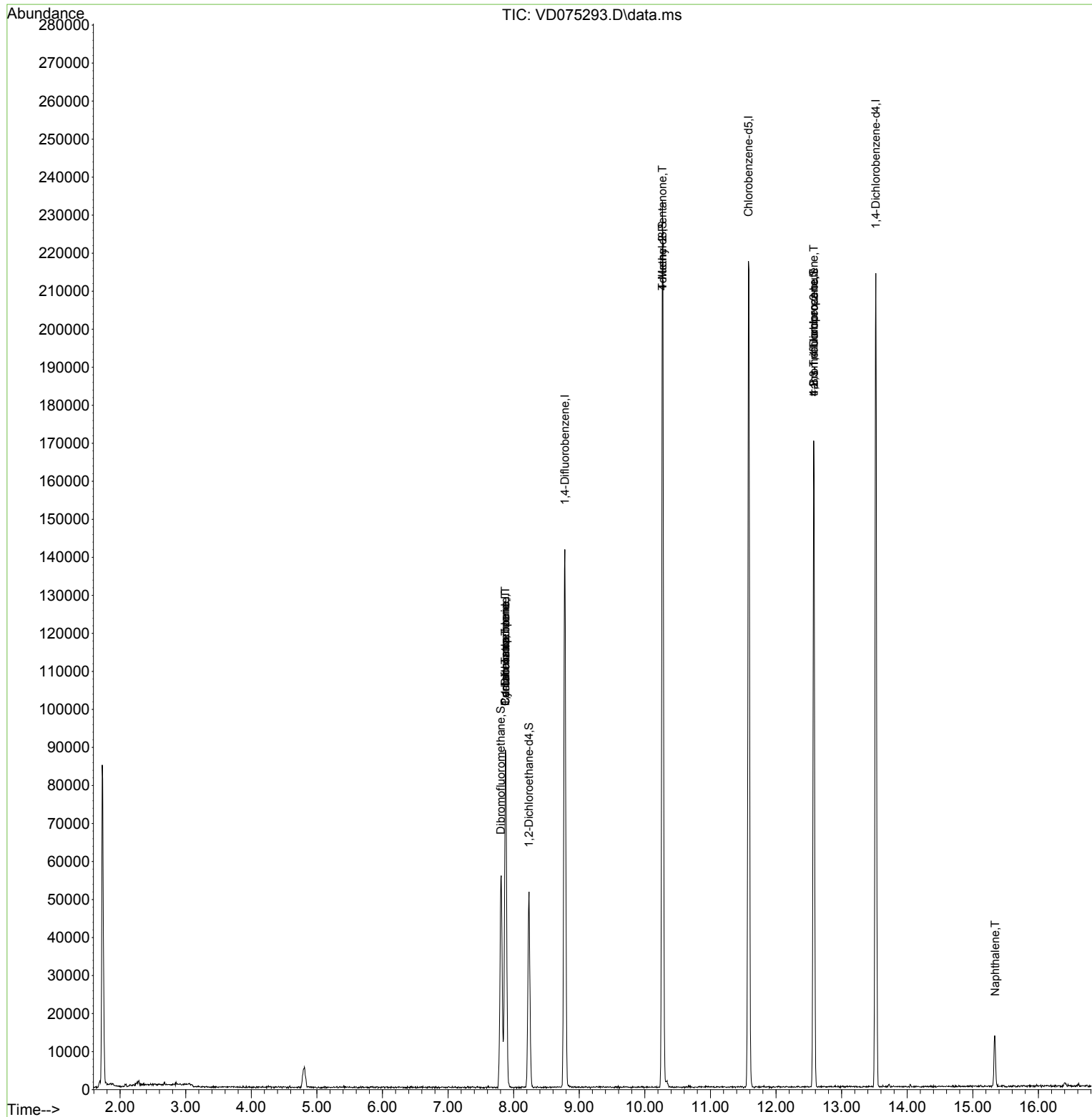
Internal Standards						
1) Pentafluorobenzene	7.875	168	65771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	121516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38360	49.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.480%
35) Dibromofluoromethane	7.804	113	38963	45.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.460%
50) Toluene-d8	10.269	98	153060	47.367	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.575	95	50705	47.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.180%
Target Compounds						
3) Chloromethane	2.152	50	64	Below Cal	#	41
20) Methylene Chloride	4.811	84	3765	Below Cal		95
31) Cyclohexane	7.875	56	1812	1.323	ug/l #	68
36) 1,1-Dichloropropene	7.875	75	5472	4.123	ug/l #	50
38) Carbon Tetrachloride	7.875	117	6916	5.623	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	788	1.409	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27720	44.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27720	141.352	ug/l #	14
95) Naphthalene	15.339	128	12608	6.168	ug/l	98

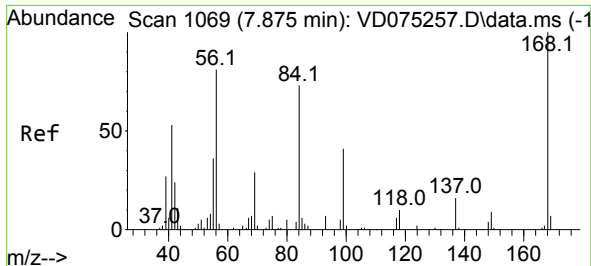
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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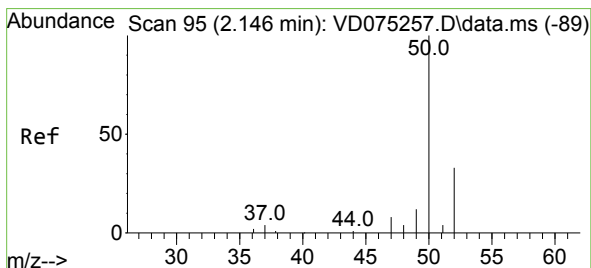
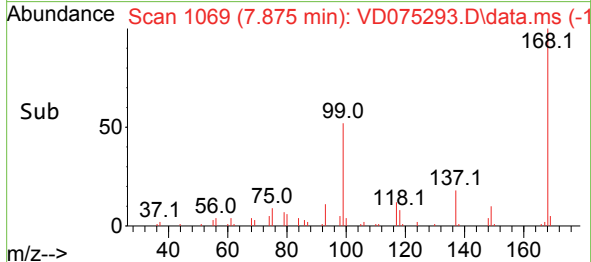
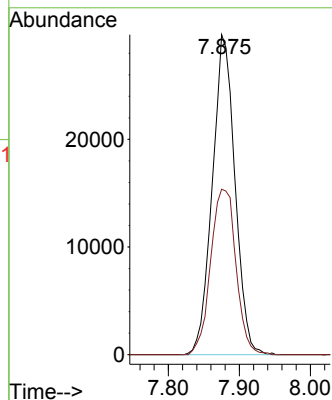
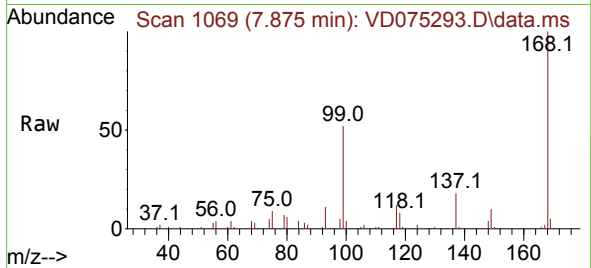




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

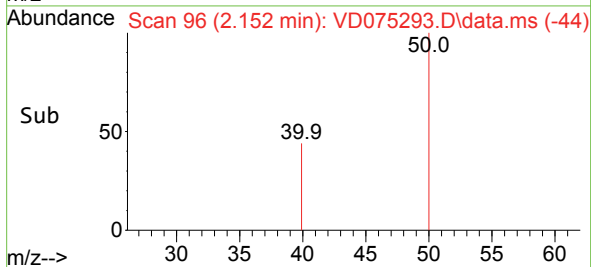
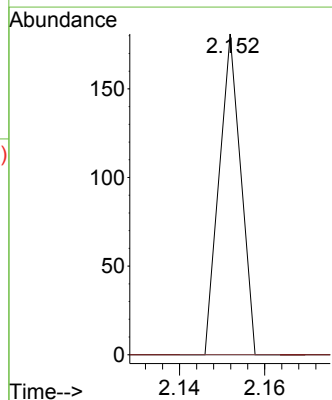
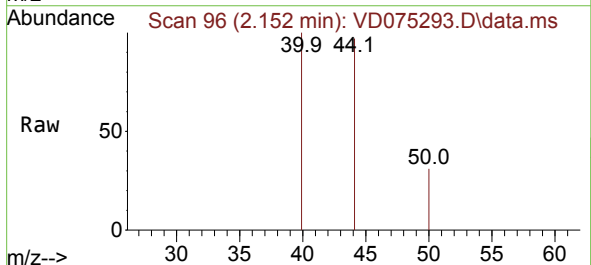
Instrument :
MSVOA_D
ClientSampleId :
JPP-39-020723

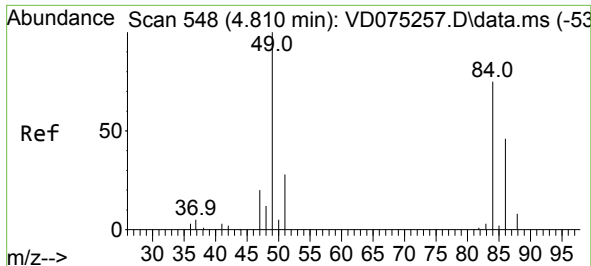
Tgt Ion:168 Resp: 65771
Ion Ratio Lower Upper
168 100
99 51.7 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

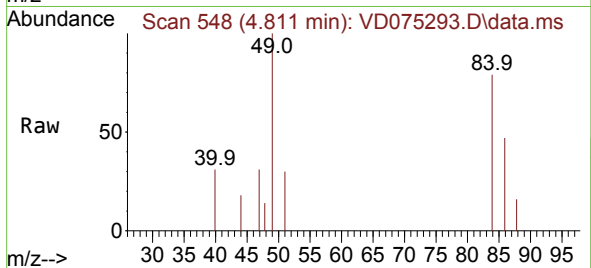
Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



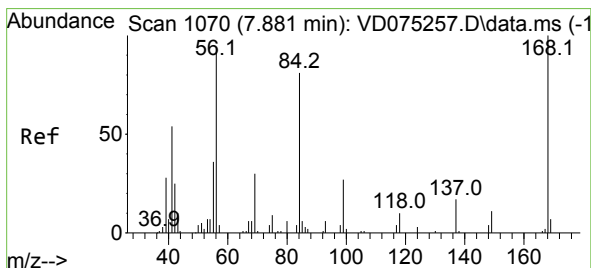
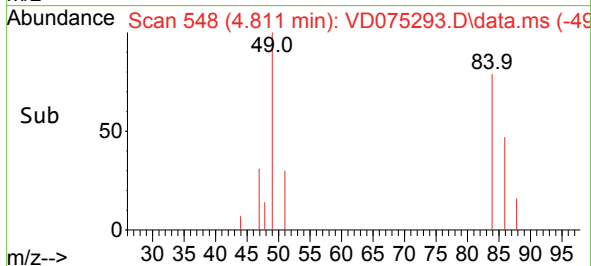
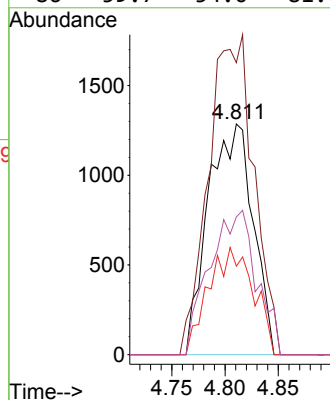


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
JPP-39-020723

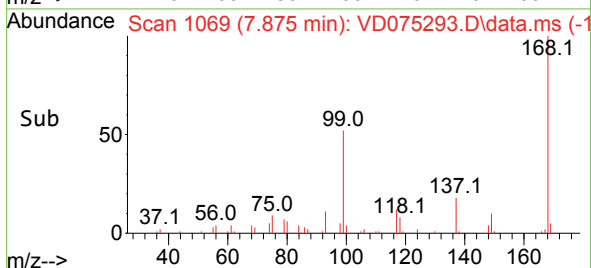
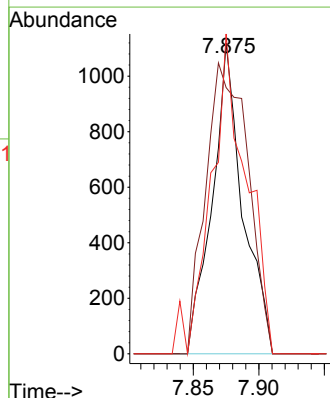
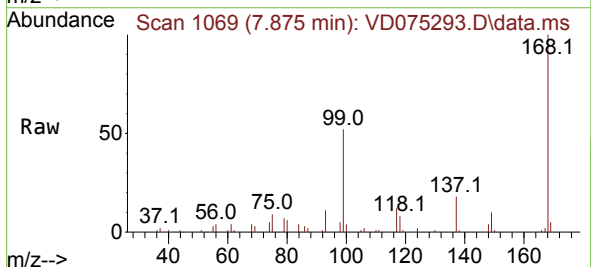


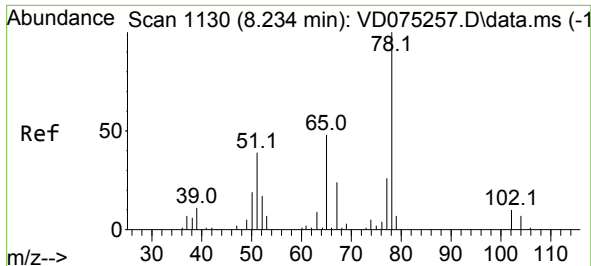
Tgt Ion:	84	Resp:	3765
Ion	Ratio	Lower	Upper
84	100		
49	126.6	97.0	145.6
51	38.3	30.9	46.3
86	59.7	54.0	81.0



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

Tgt Ion:	56	Resp:	1812
Ion	Ratio	Lower	Upper
56	100		
69	85.7	26.6	40.0#
84	102.9	74.1	111.1





#33

1,2-Dichloroethane-d4

Concen: 49.739 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

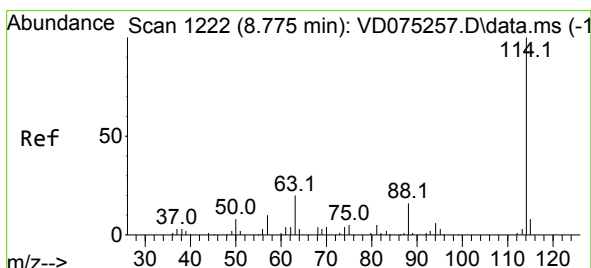
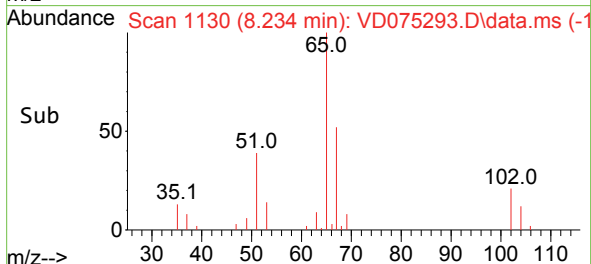
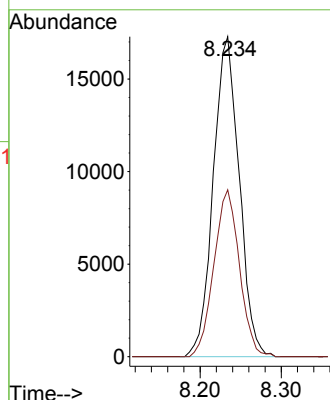
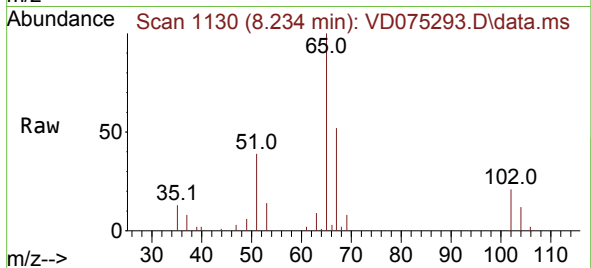
JPP-39-020723

Tgt Ion: 65 Resp: 38360

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

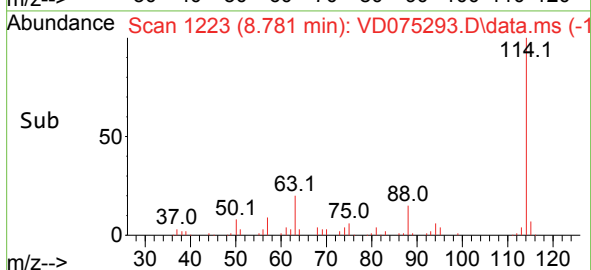
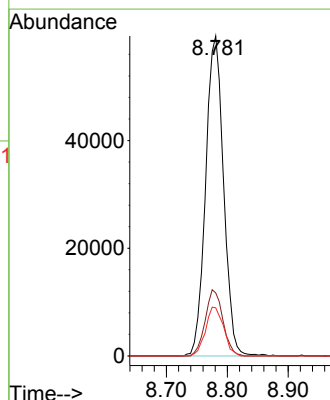
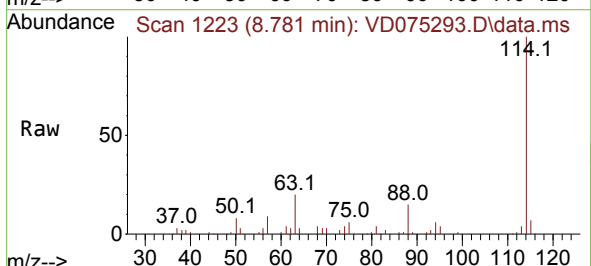
Tgt Ion:114 Resp: 121516

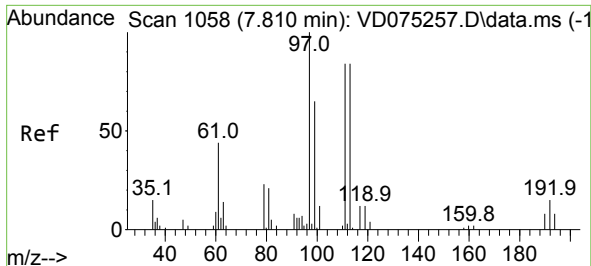
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.728 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

JPP-39-020723

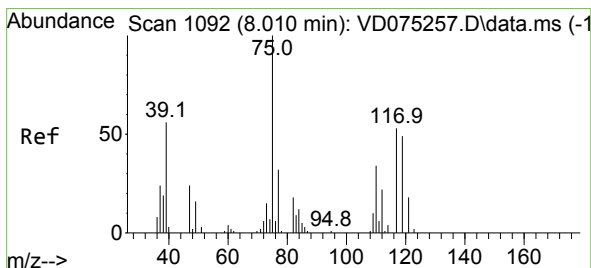
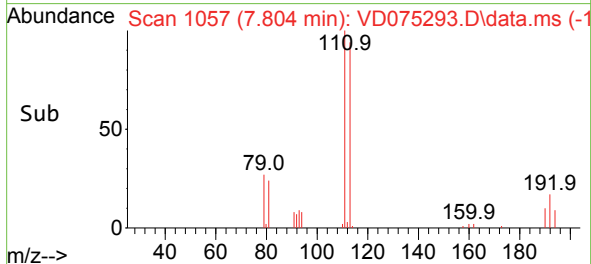
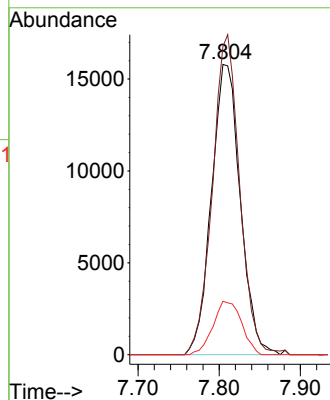
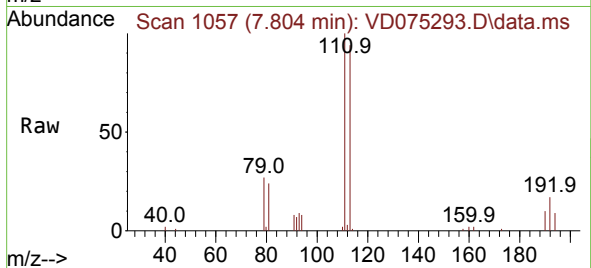
Tgt Ion:113 Resp: 38963

Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.123 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

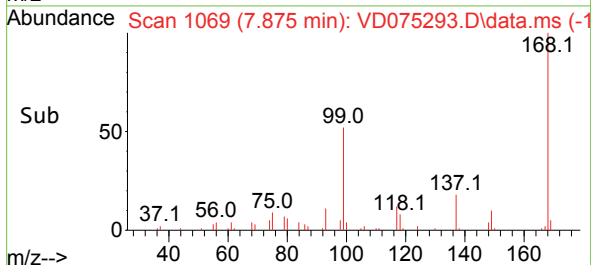
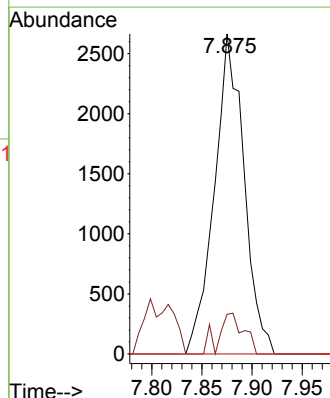
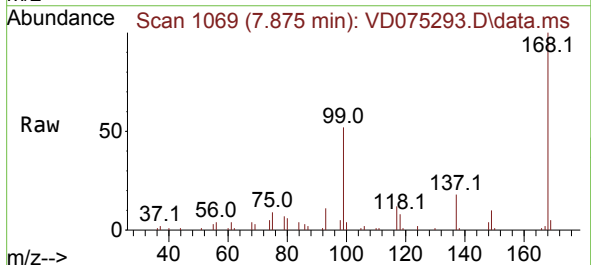
Tgt Ion: 75 Resp: 5472

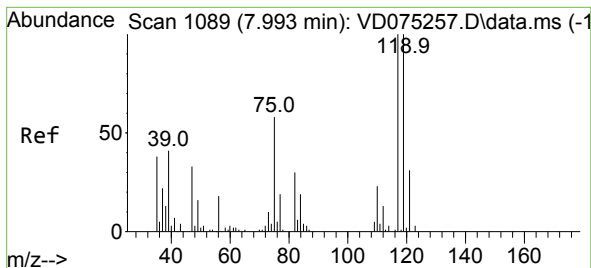
Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.4#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.623 ug/l

RT: 7.875 min Scan# 1089

Delta R.T. -0.118 min

Lab File: VD075293.D

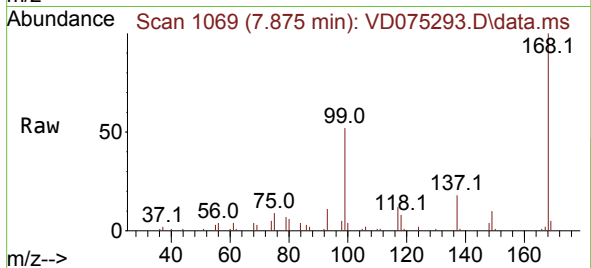
Acq: 09 Feb 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

JPP-39-020723



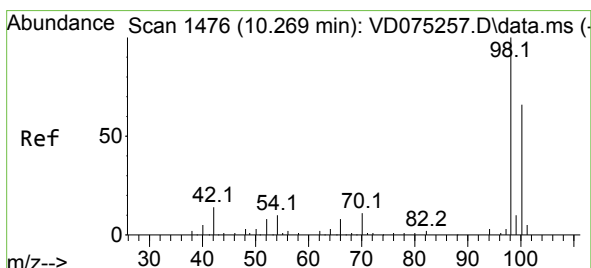
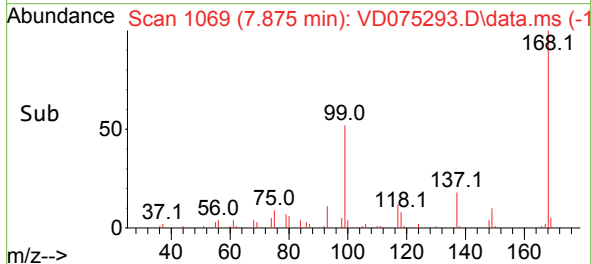
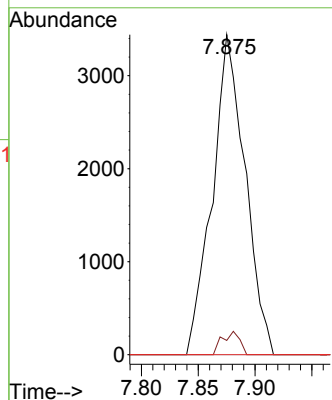
Tgt Ion:117 Resp: 6916

Ion Ratio Lower Upper

117 100

119 4.5 73.6 110.4#

121 0.0 25.4 38.0#



#50

Toluene-d8

Concen: 47.367 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075293.D

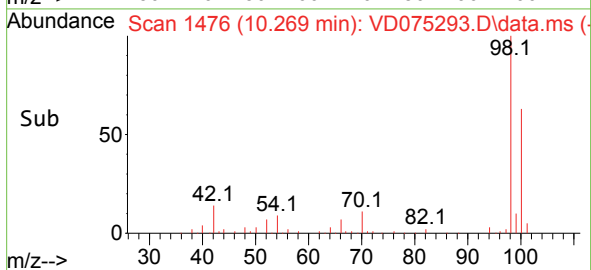
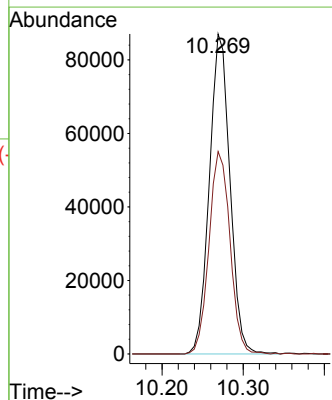
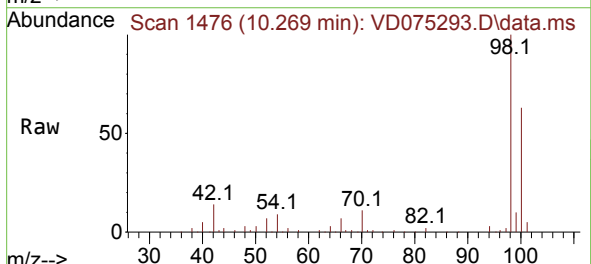
Acq: 09 Feb 2023 14:39

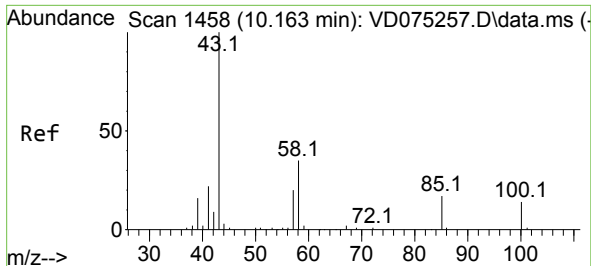
Tgt Ion: 98 Resp: 153060

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.409 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

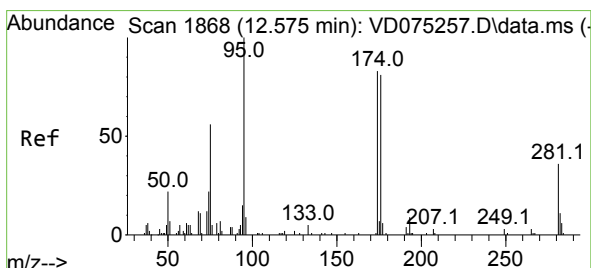
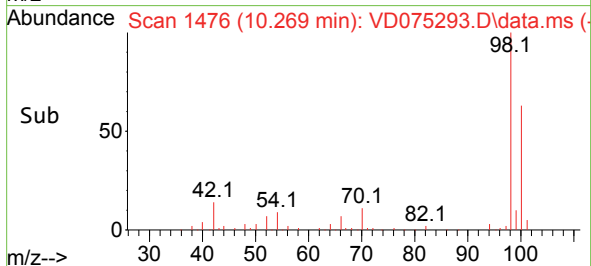
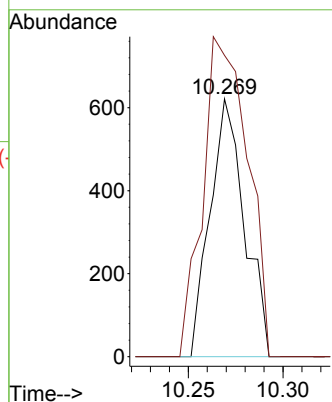
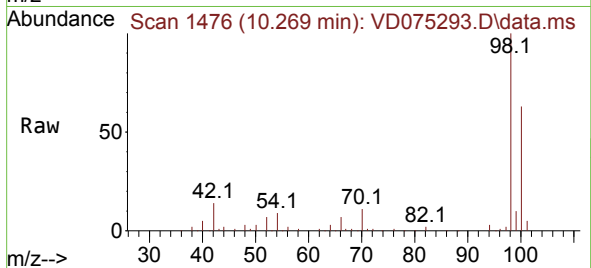
JPP-39-020723

Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

58 160.9 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 47.588 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

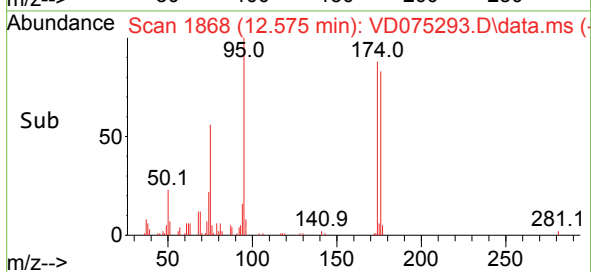
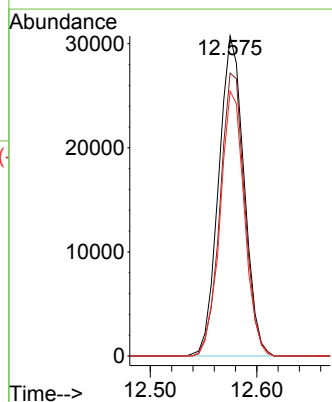
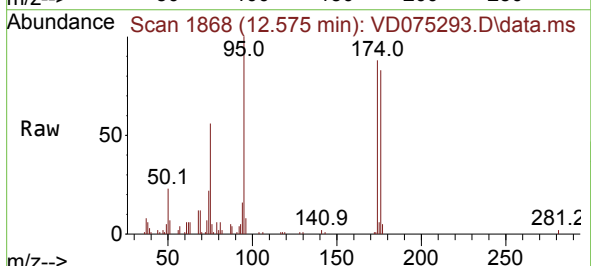
Tgt Ion: 95 Resp: 50705

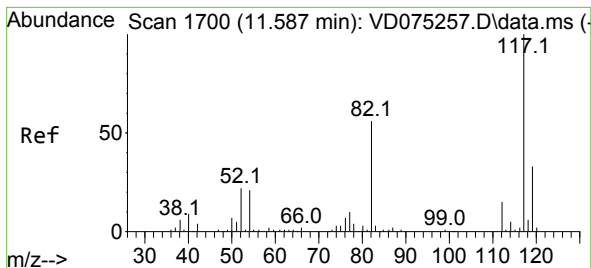
Ion Ratio Lower Upper

95 100

174 85.9 0.0 161.2

176 79.2 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

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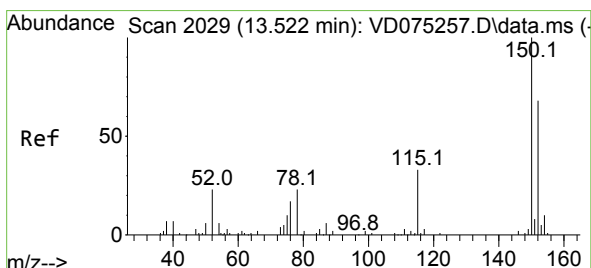
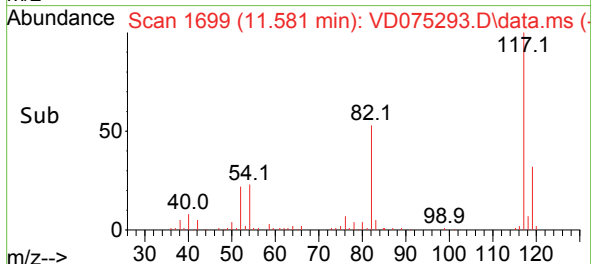
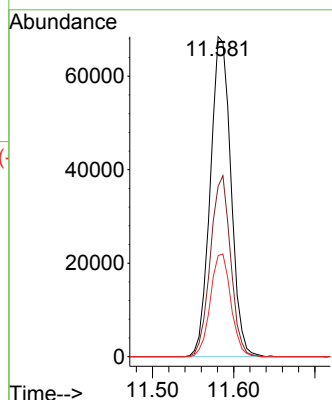
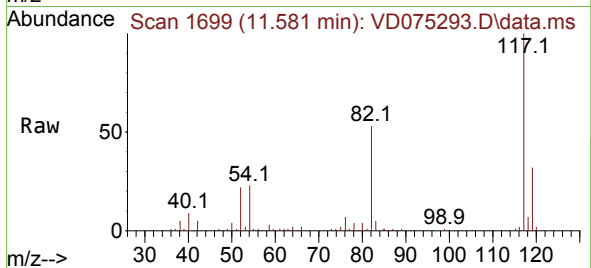
Tgt Ion:117 Resp: 120801

Ion Ratio Lower Upper

117 100

82 53.2 39.6 59.4

119 31.6 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075293.D

Acq: 09 Feb 2023 14:39

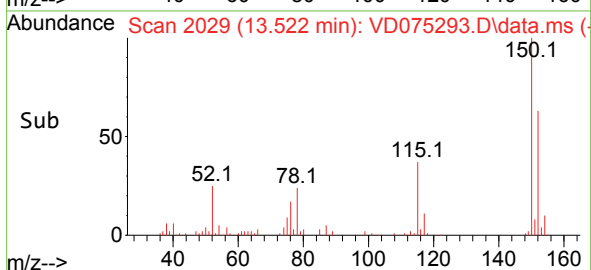
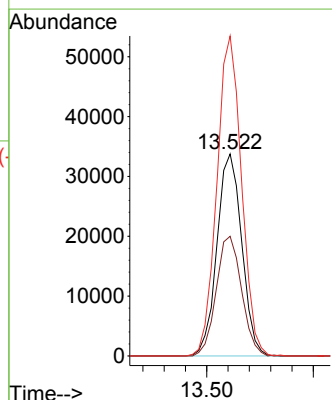
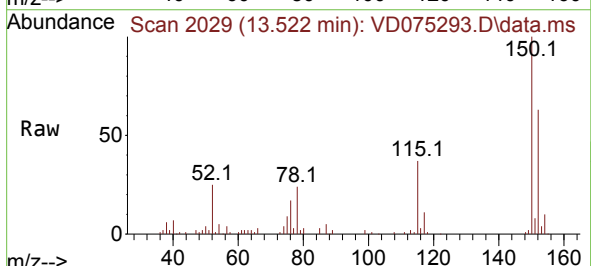
Tgt Ion:152 Resp: 54502

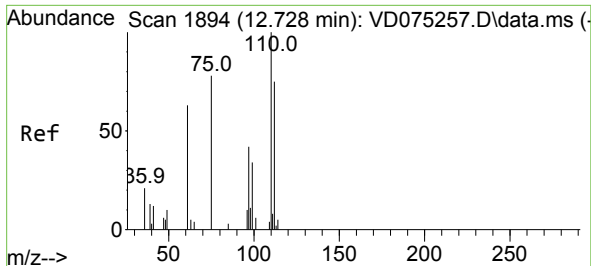
Ion Ratio Lower Upper

152 100

115 60.5 28.8 86.4

150 157.0 0.0 348.6

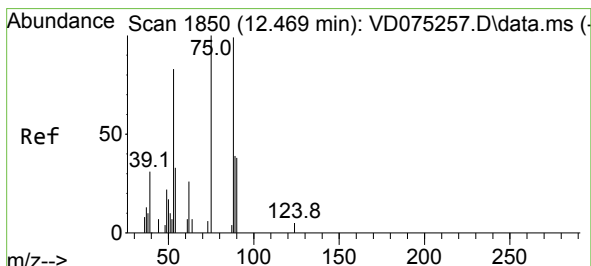
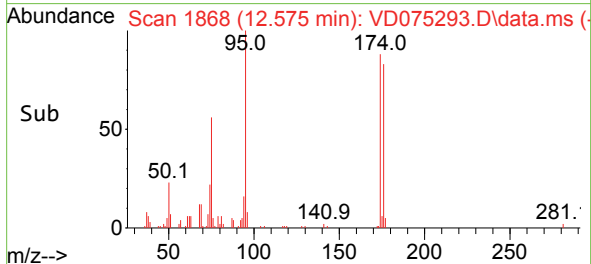
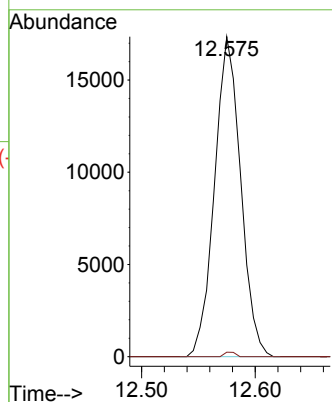
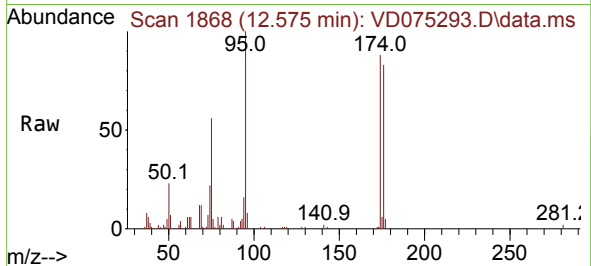




#76
1,2,3-Trichloropropane
Concen: 44.777 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

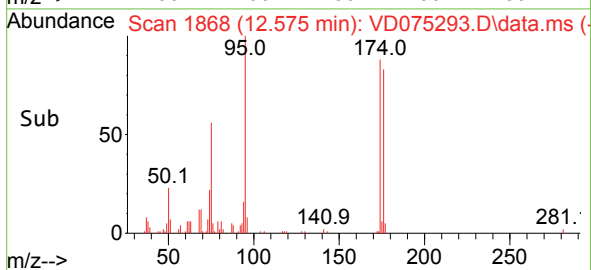
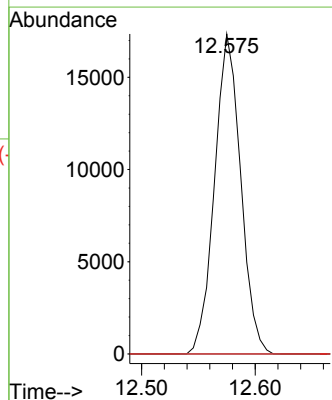
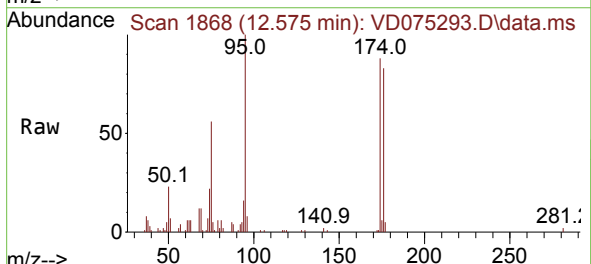
Instrument :
MSVOA_D
ClientSampleId :
JPP-39-020723

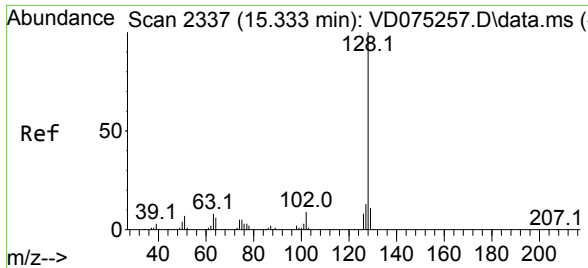
Tgt Ion: 75 Resp: 27720
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.352 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

Tgt Ion: 75 Resp: 27720
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#





#95
Naphthalene
Concen: 6.168 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075293.D
Acq: 09 Feb 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
JPP-39-020723

Tgt Ion:	128	Resp:	12608
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	15.8
129	10.7	8.7	13.1

