

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076124.D
 Acq On : 17 May 2023 15:45
 Operator : KP/SY
 Sample : 02810-01
 Misc : 5.10G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051623

Quant Time: May 18 05:21:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

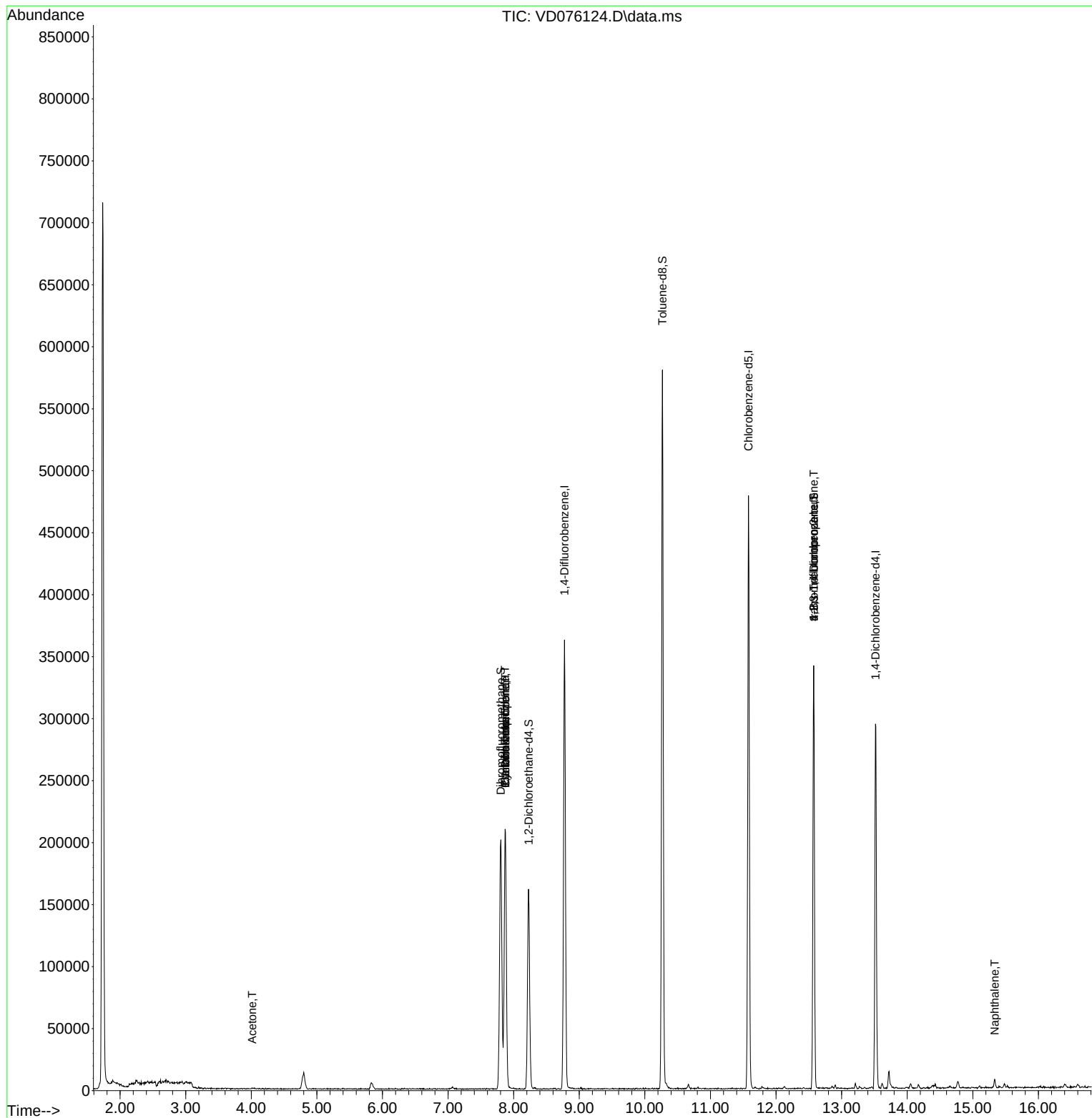
Internal Standards						
1) Pentafluorobenzene	7.875	168	172484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	293134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124083	74.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.860%
35) Dibromofluoromethane	7.804	113	149709	63.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.240%
50) Toluene-d8	10.269	98	422691	46.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.575	95	107771	42.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.580%
Target Compounds						
3) Chloromethane	2.140	50	613	Below Cal	#	84
16) Acetone	4.016	43	1048	3.160	ug/l #	63
17) Carbon Disulfide	4.258	76	268	Below Cal	#	73
20) Methylene Chloride	4.799	84	10808	Below Cal	#	86
31) Cyclohexane	7.875	56	3519	1.378	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12784	4.022	ug/l #	46
38) Carbon Tetrachloride	7.869	117	16077	5.600	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	53816	71.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53816	149.879	ug/l #	5
95) Naphthalene	15.333	128	6680	2.282	ug/l #	89

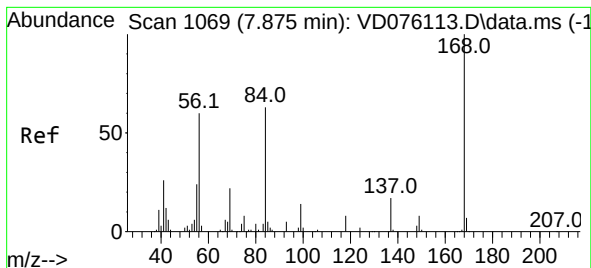
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
Data File : VD076124.D
Acq On : 17 May 2023 15:45
Operator : KP/SY
Sample : 02810-01
Misc : 5.10G/10.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

Quant Time: May 18 05:21:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 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: VD076124.D

Acq: 17 May 2023 15:45

Instrument :

MSVOA_D

ClientSampleId :

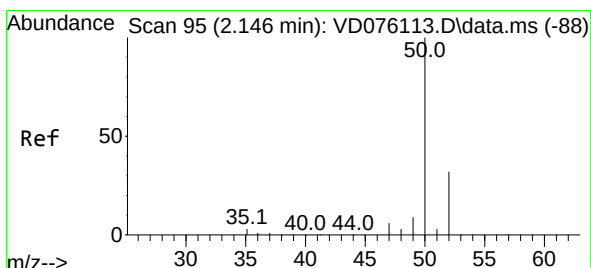
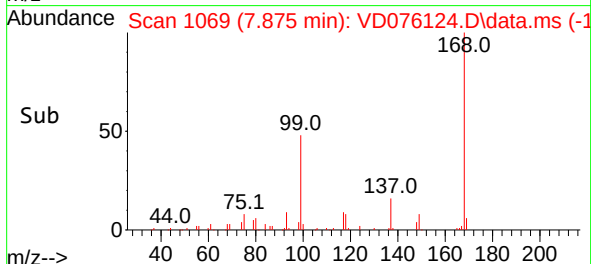
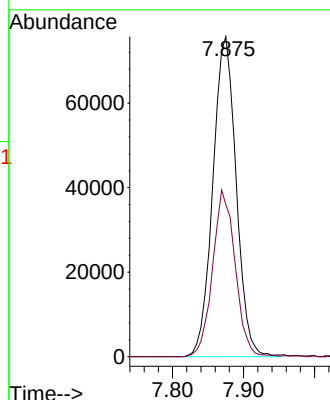
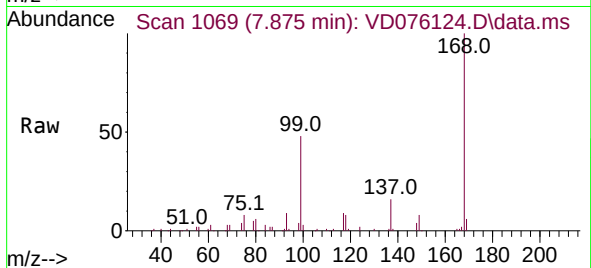
OR-02-051623

Tgt Ion:168 Resp: 172484

Ion Ratio Lower Upper

168 100

99 47.6 43.8 65.6



#3

Chloromethane

Concen: Below Cal

RT: 2.140 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD076124.D

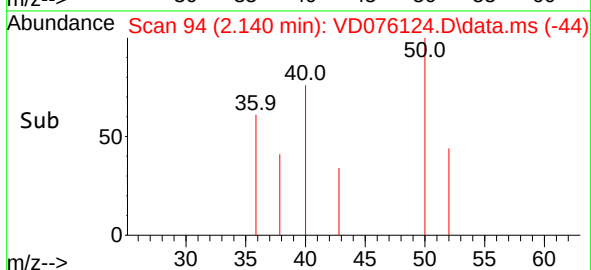
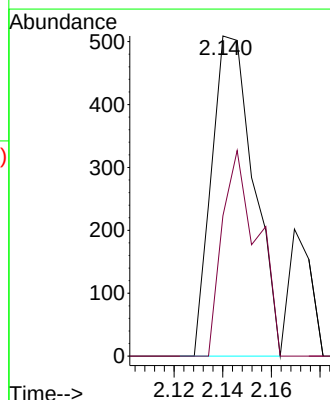
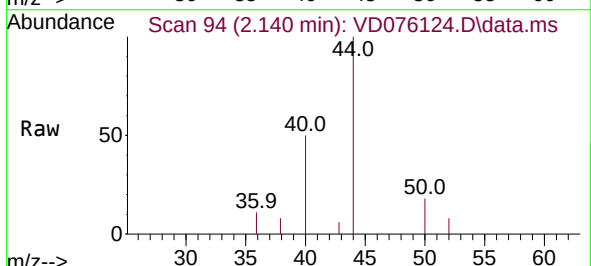
Acq: 17 May 2023 15:45

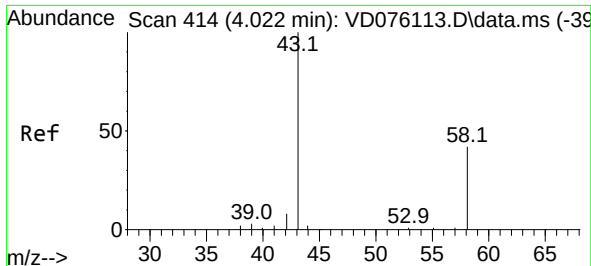
Tgt Ion: 50 Resp: 613

Ion Ratio Lower Upper

50 100

52 43.8 27.8 41.8#

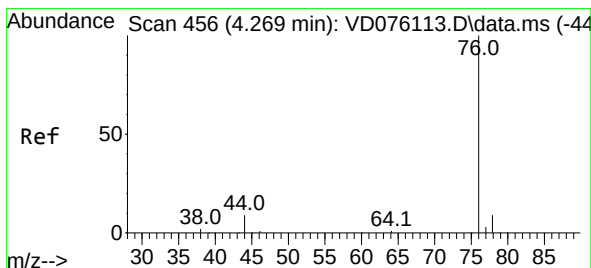
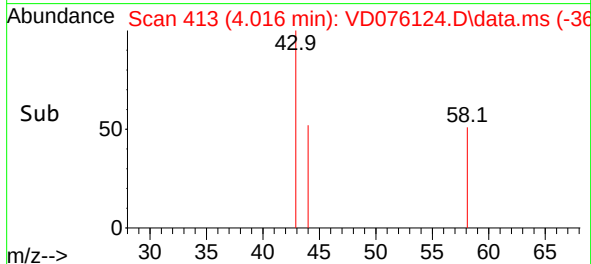
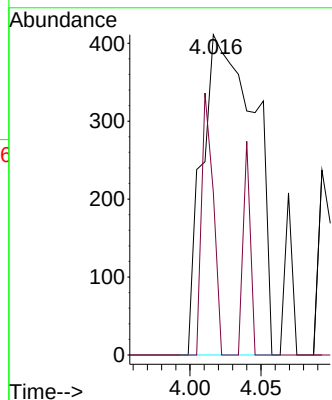
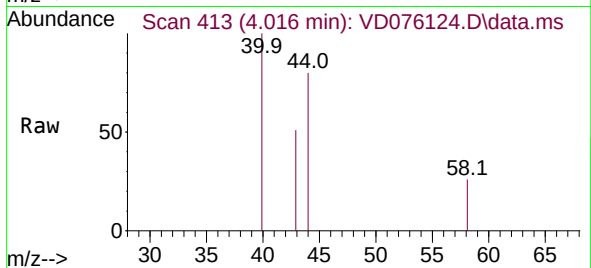




#16
Acetone
Concen: 3.160 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

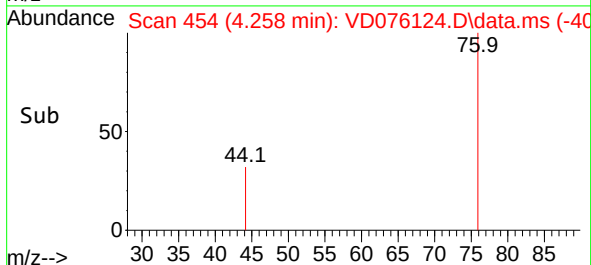
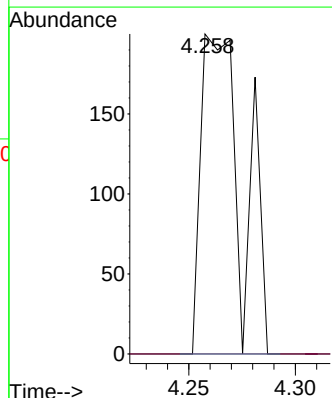
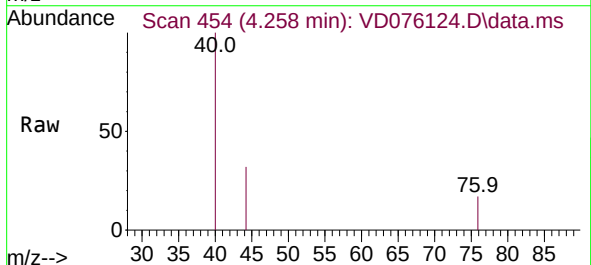
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

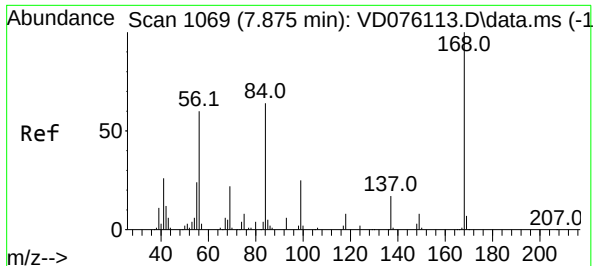
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 50.9 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

Tgt Ion: 76 Resp: 268
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

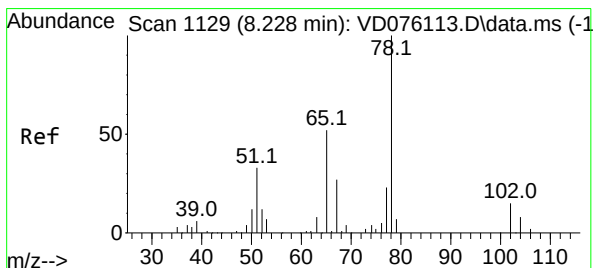
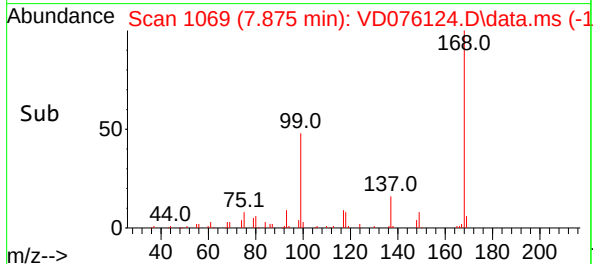
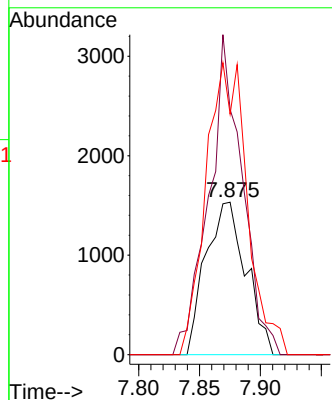
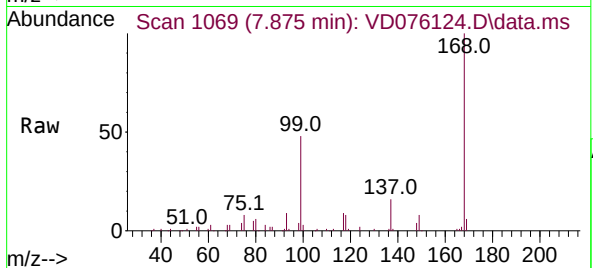




#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

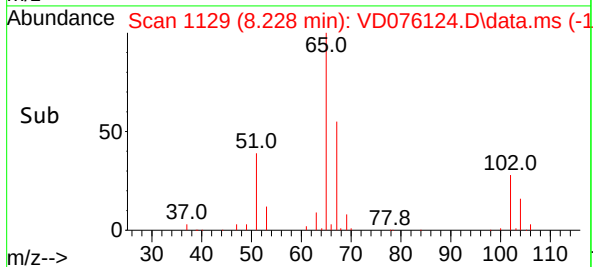
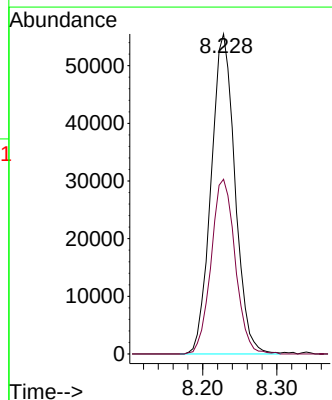
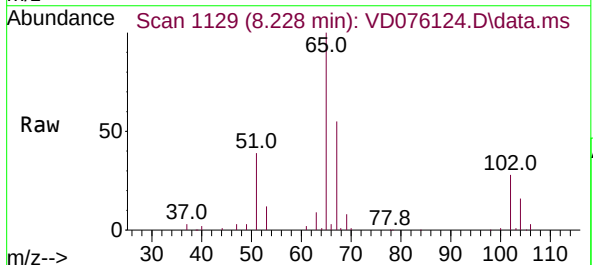
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

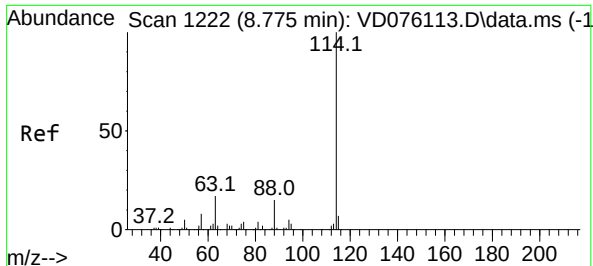
Tgt Ion:	56	Resp:	3519
Ion	Ratio	Lower	Upper
56	100		
69	160.7	25.5	38.3#
84	157.7	69.6	104.4#



#33
1,2-Dichloroethane-d4
Concen: 74.434 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

Tgt Ion:	65	Resp:	124083
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076124.D

Acq: 17 May 2023 15:45

Instrument :

MSVOA_D

ClientSampleId :

OR-02-051623

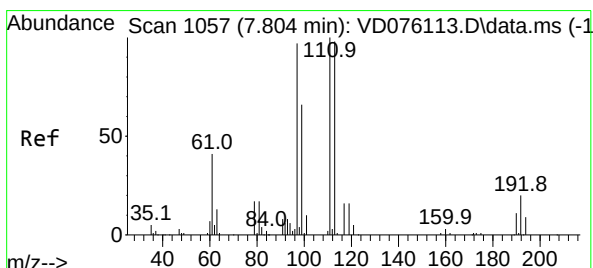
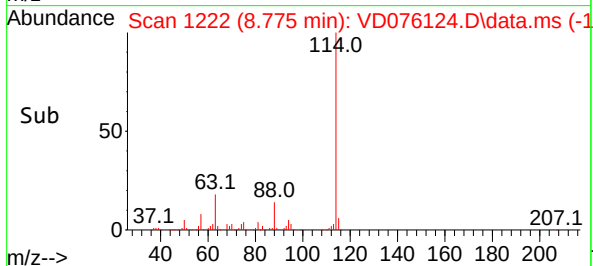
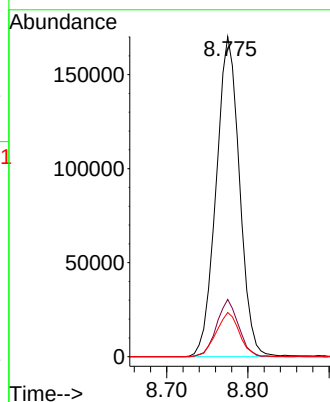
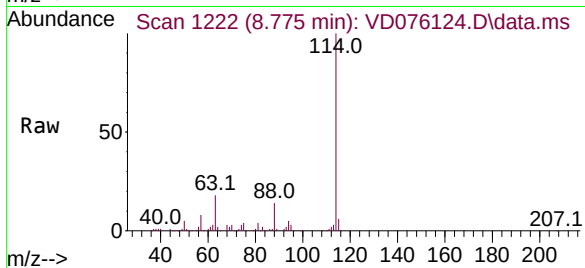
Tgt Ion:114 Resp: 340461

Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.6

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 63.616 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076124.D

Acq: 17 May 2023 15:45

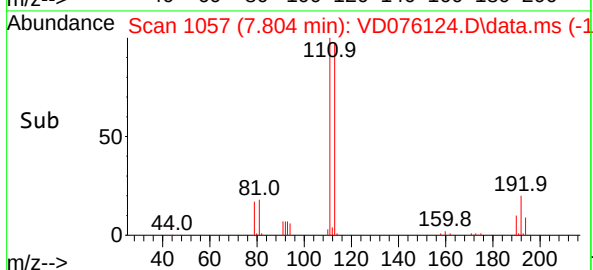
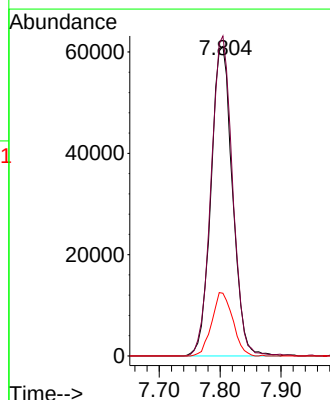
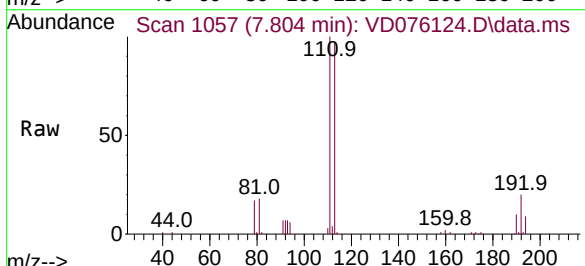
Tgt Ion:113 Resp: 149709

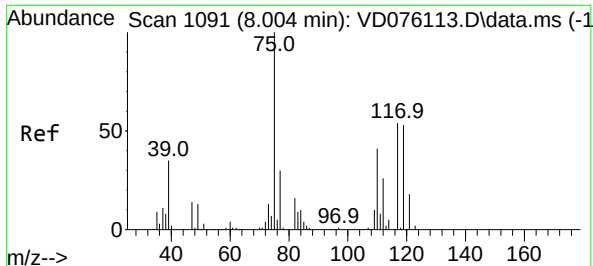
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 20.0 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.022 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076124.D

Acq: 17 May 2023 15:45

Instrument :

MSVOA_D

ClientSampleId :

OR-02-051623

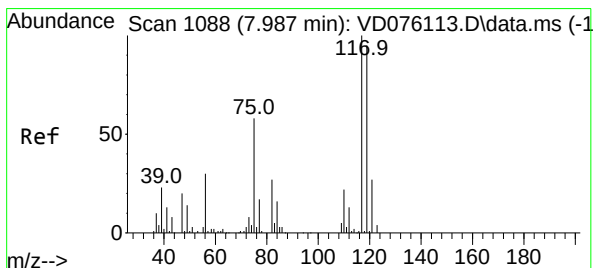
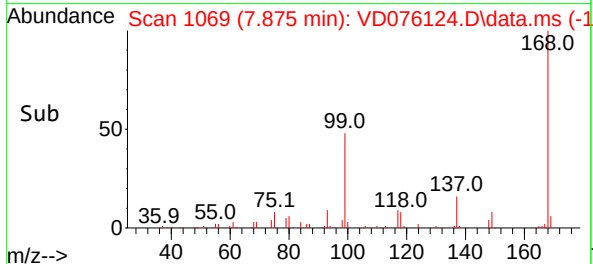
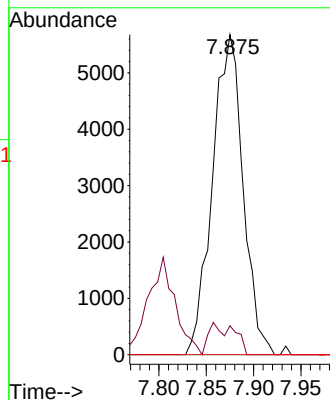
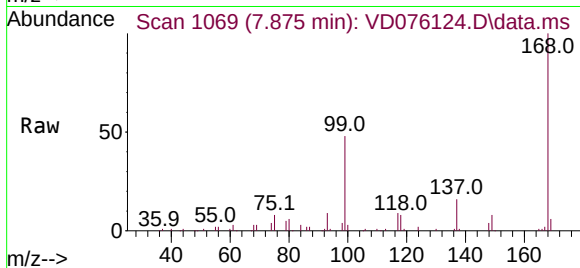
Tgt Ion: 75 Resp: 12784

Ion Ratio Lower Upper

75 100

110 4.7 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.600 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076124.D

Acq: 17 May 2023 15:45

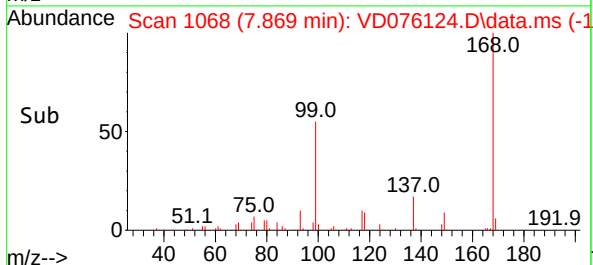
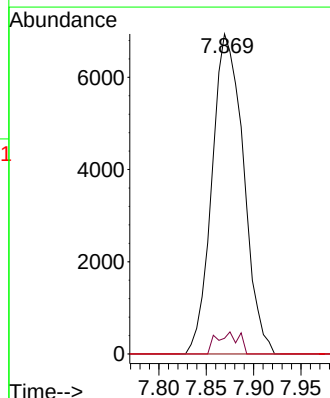
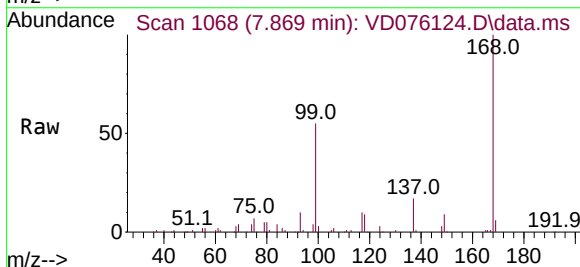
Tgt Ion: 117 Resp: 16077

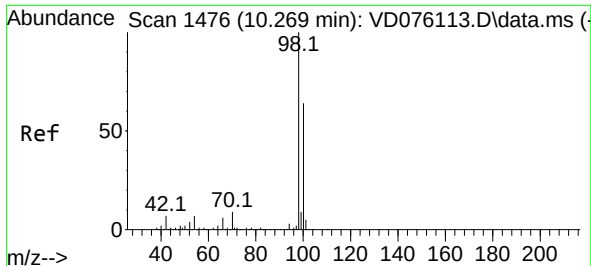
Ion Ratio Lower Upper

117 100

119 4.9 74.7 112.1#

121 0.0 25.9 38.9#

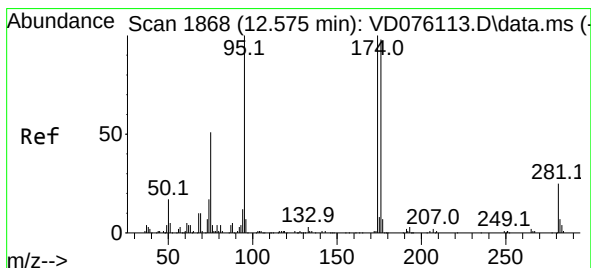
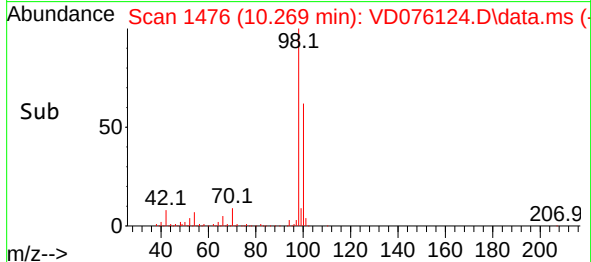
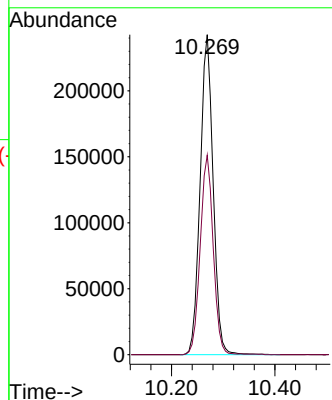
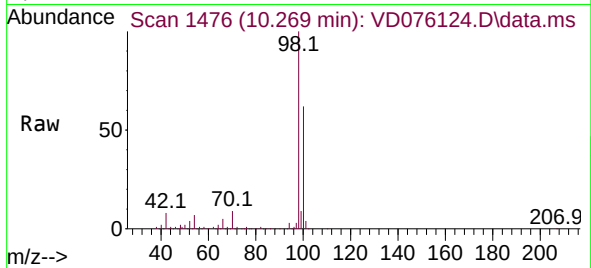




#50
Toluene-d8
Concen: 46.075 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

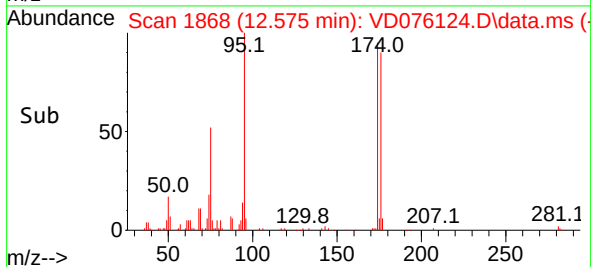
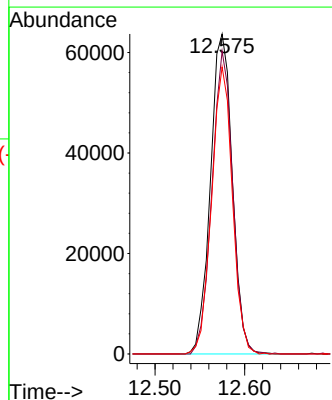
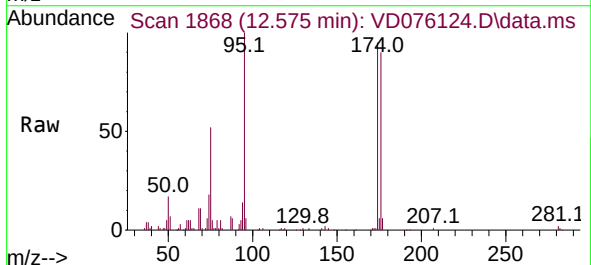
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

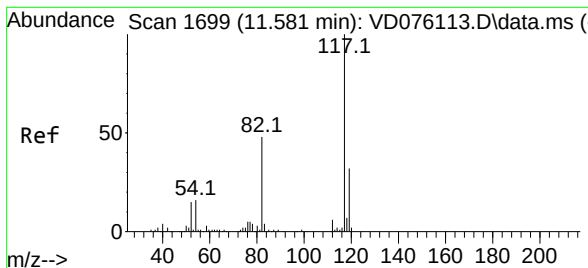
Tgt Ion: 98 Resp: 422691
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.290 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

Tgt Ion: 95 Resp: 107771
Ion Ratio Lower Upper
95 100
174 89.6 0.0 164.0
176 85.1 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076124.D

Acq: 17 May 2023 15:45

Instrument :

MSVOA_D

ClientSampleId :

OR-02-051623

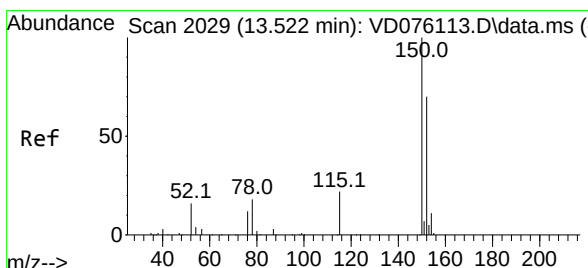
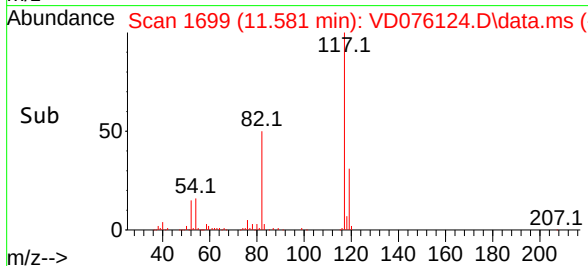
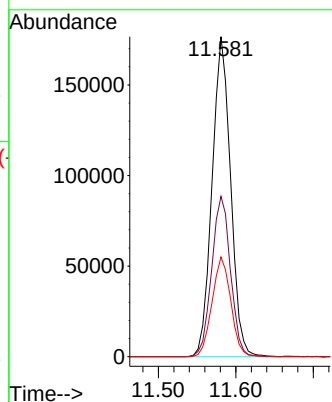
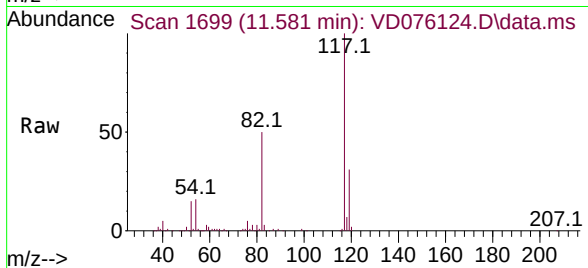
Tgt Ion:117 Resp: 293134

Ion Ratio Lower Upper

117 100

82 50.1 44.0 66.0

119 31.1 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076124.D

Acq: 17 May 2023 15:45

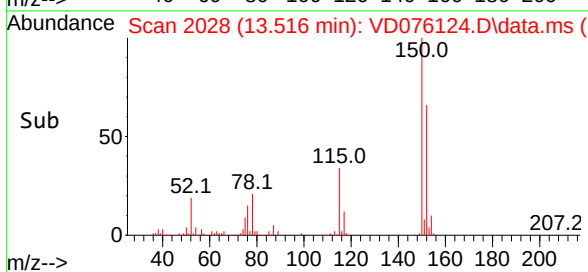
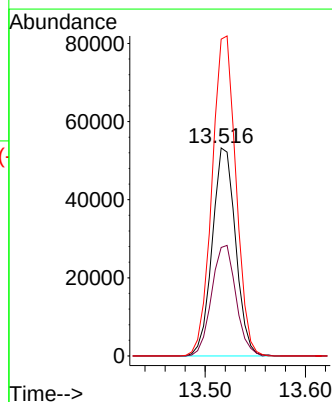
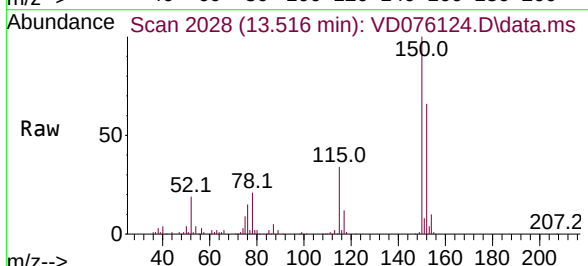
Tgt Ion:152 Resp: 86078

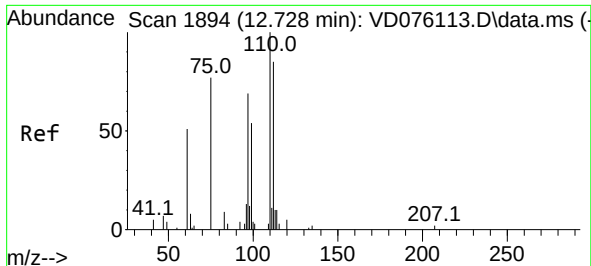
Ion Ratio Lower Upper

152 100

115 55.3 30.1 90.3

150 157.3 0.0 364.8

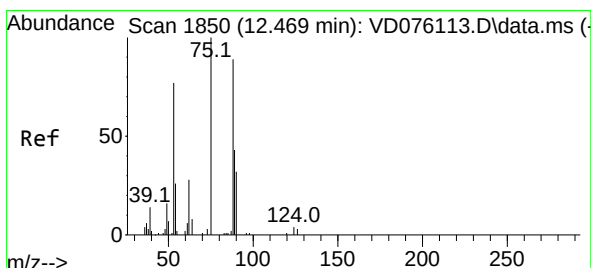
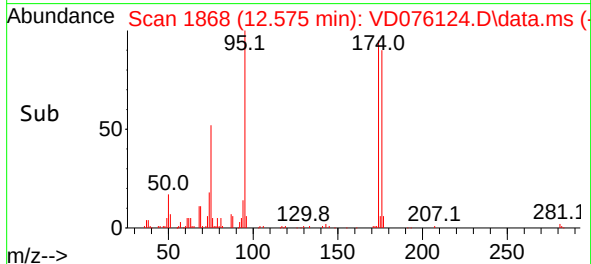
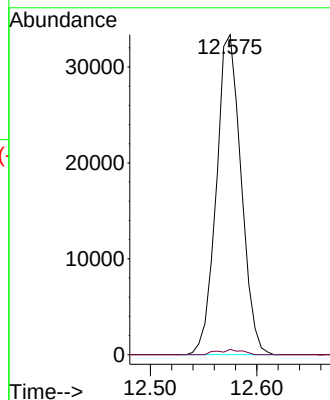
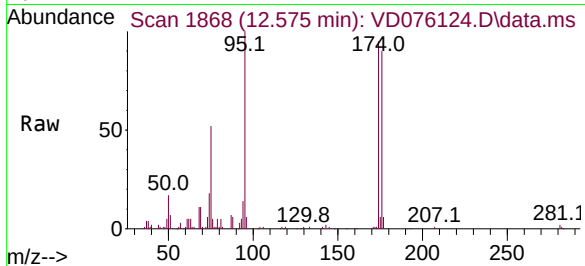




#76
1,2,3-Trichloropropane
Concen: 71.445 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

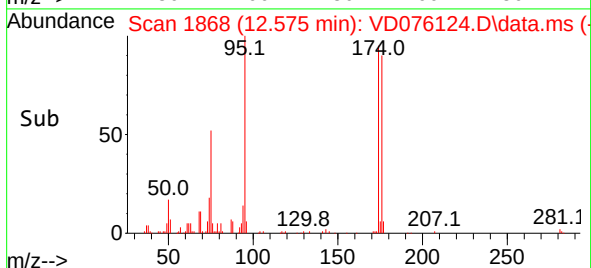
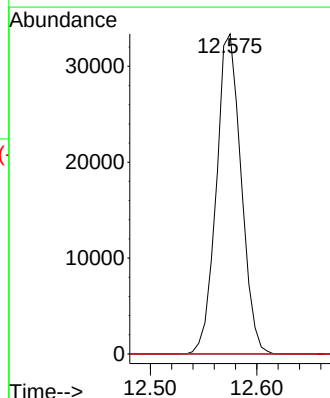
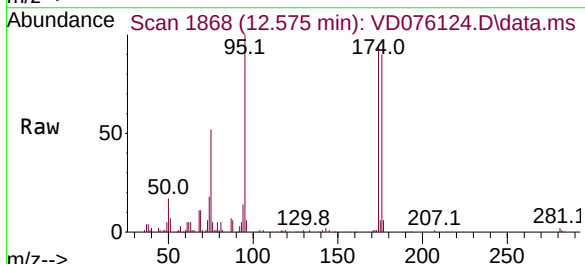
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

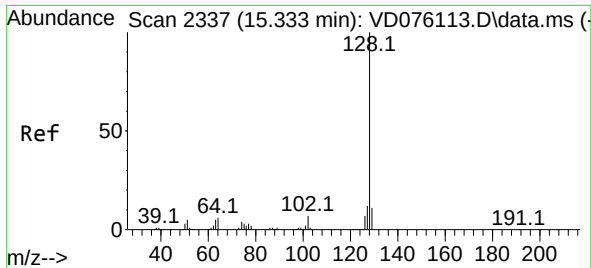
Tgt Ion: 75 Resp: 53816
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.879 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

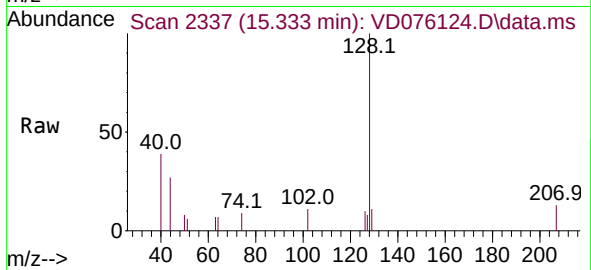
Tgt Ion: 75 Resp: 53816
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95
Naphthalene
Concen: 2.282 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076124.D
Acq: 17 May 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623



Tgt Ion:128 Resp: 6680
Ion Ratio Lower Upper
128 100
127 7.6 10.4 15.6#
129 8.1 8.8 13.2#

