

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079680.D
 Acq On : 08 Aug 2024 21:16
 Operator : RP/MD
 Sample : P3485-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

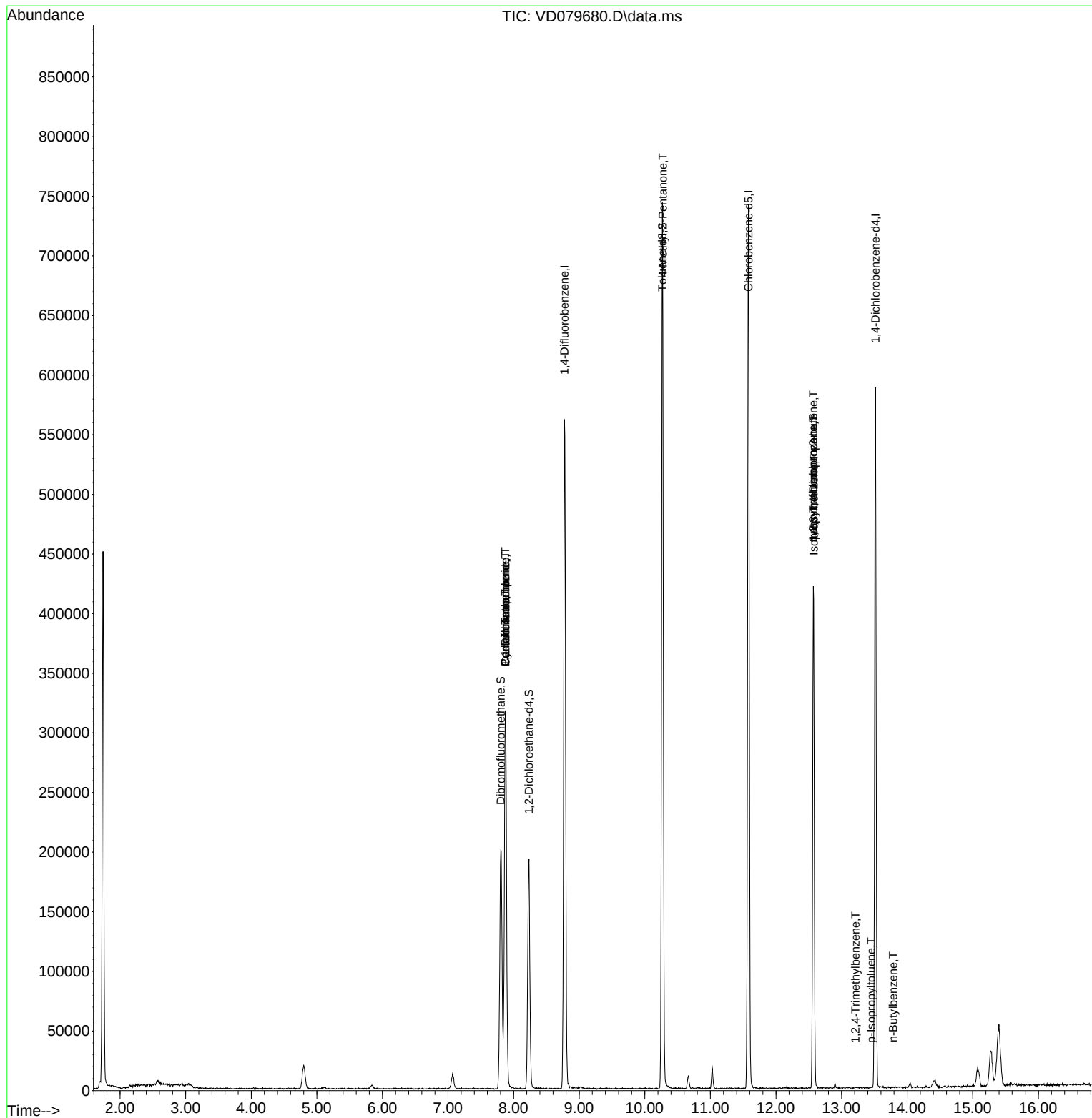
Internal Standards						
1) Pentafluorobenzene	7.875	168	249557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	499524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	434475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	146723	57.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.740%	
35) Dibromofluoromethane	7.805	113	152961	45.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.480%	
50) Toluene-d8	10.269	98	523597	39.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.760%	
62) 4-Bromofluorobenzene	12.569	95	133813	35.219	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	468	Below Cal		97
11) Tert butyl alcohol	5.046	59	119	Below Cal	#	86
20) Methylene Chloride	4.811	84	15694	Below Cal		91
31) Cyclohexane	7.875	56	5461	1.297	ug/l #	7
36) 1,1-Dichloropropene	7.875	75	21593	4.679	ug/l #	47
38) Carbon Tetrachloride	7.875	117	26215	5.404	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	2050	1.129	ug/l #	1
73) Isopropylbenzene	12.575	105	115	3.637	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	70074	50.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	70074	97.033	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.210	105	283	3.455	ug/l #	29
86) p-Isopropyltoluene	13.451	119	60	3.891	ug/l #	51
89) n-Butylbenzene	13.787	91	92	3.791	ug/l #	38

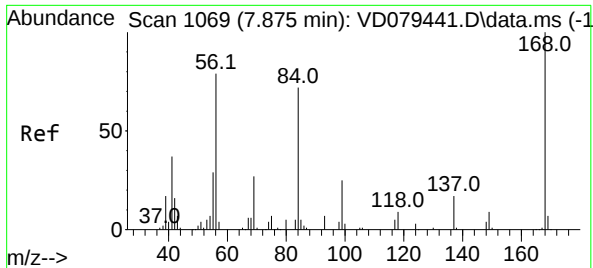
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
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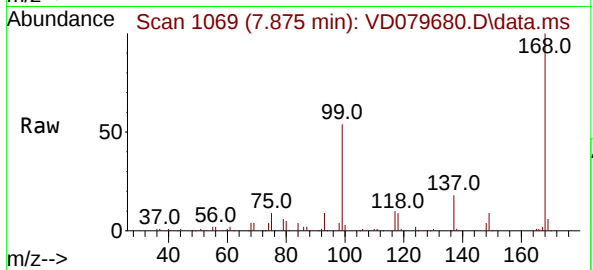
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



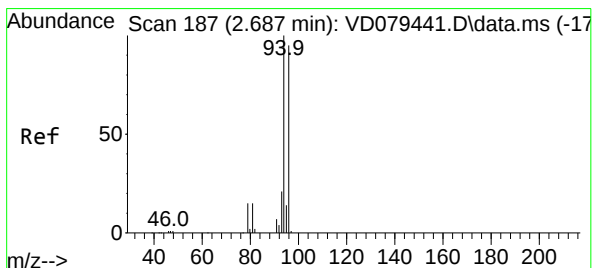
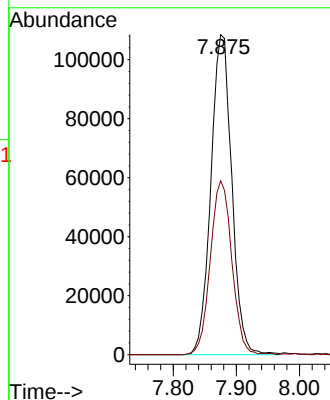
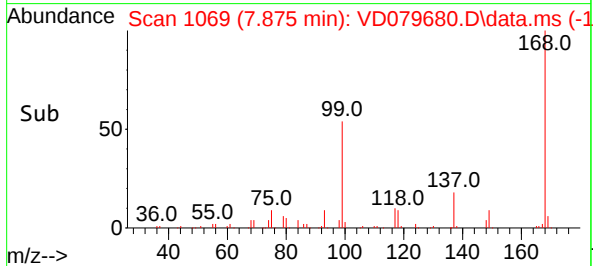


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Instrument :
MSVOA_D
ClientSampleId :

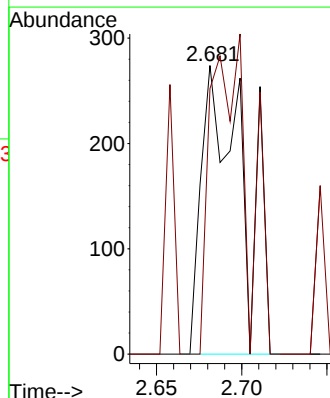
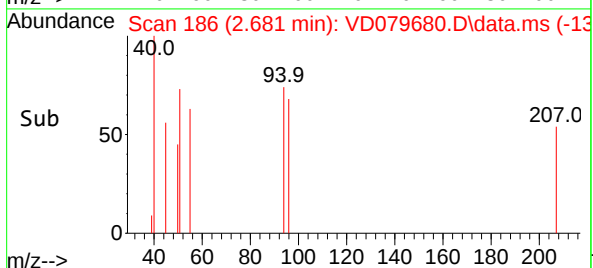
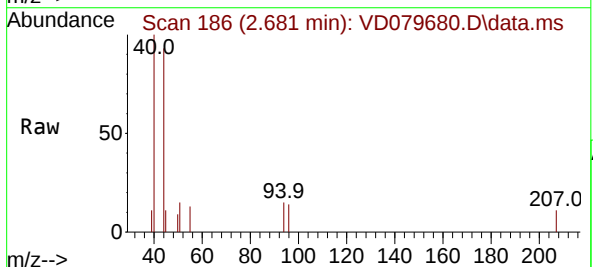


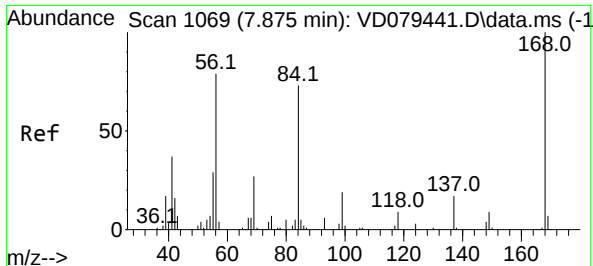
Tgt Ion:168 Resp: 249557
Ion Ratio Lower Upper
168 100
99 54.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

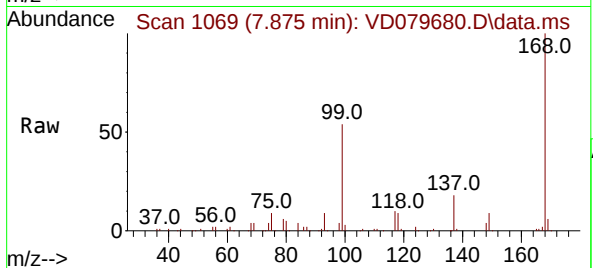
Tgt Ion: 94 Resp: 468
Ion Ratio Lower Upper
94 100
96 98.7 76.9 115.3



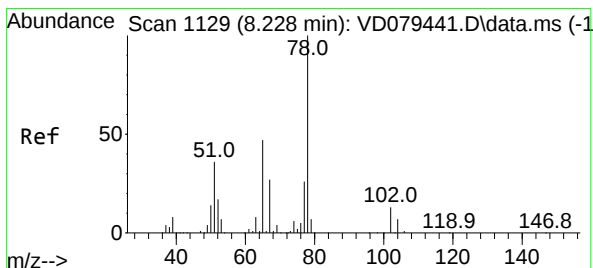
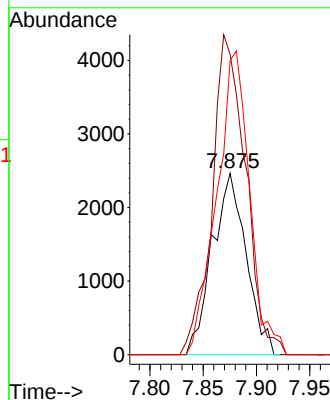
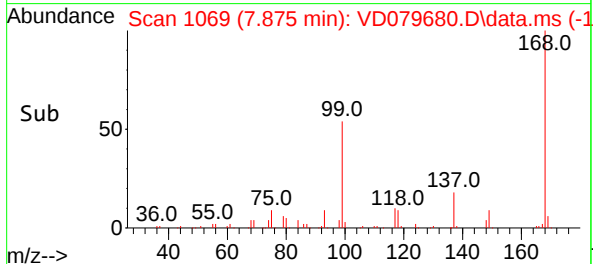


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Instrument :
MSVOA_D
ClientSampleId :

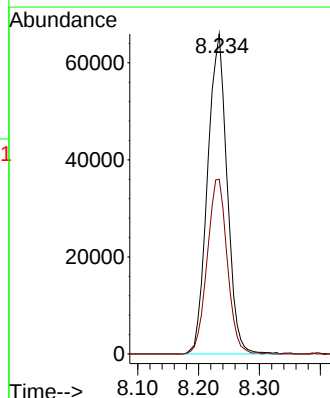
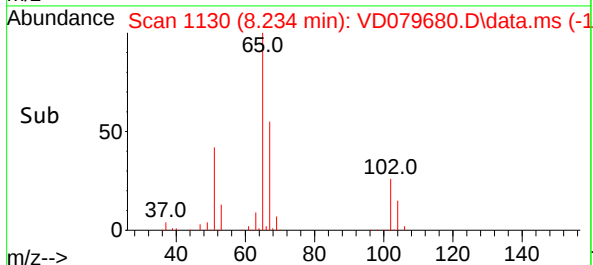
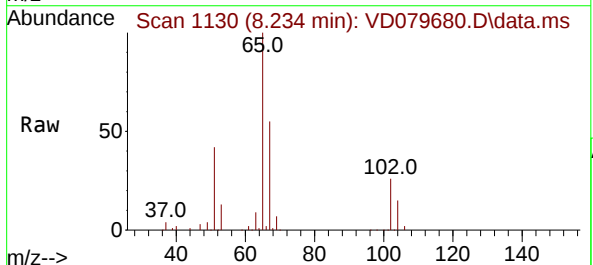


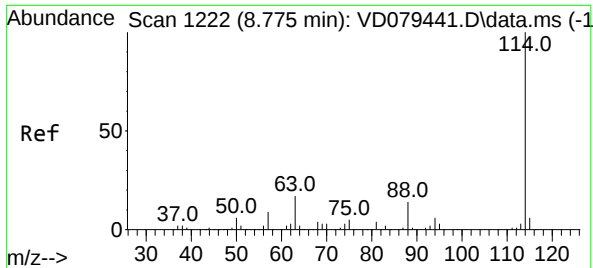
Tgt Ion: 56 Resp: 5461
Ion Ratio Lower Upper
56 100
69 165.6 28.0 42.0#
84 162.3 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 57.873 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion: 65 Resp: 146723
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

Instrument :

MSVOA_D

ClientSampleId :

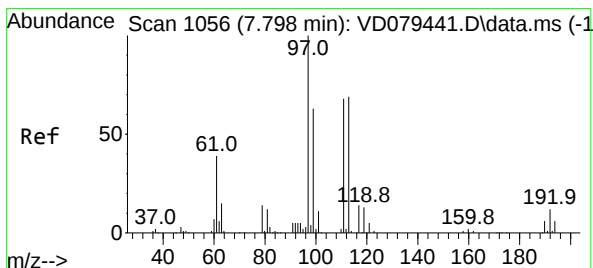
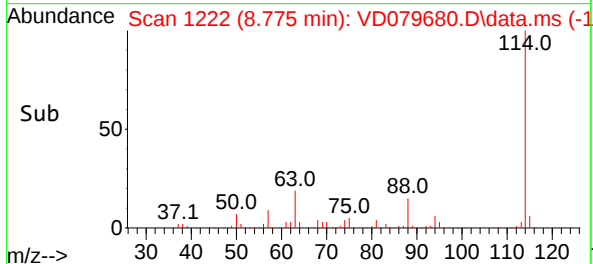
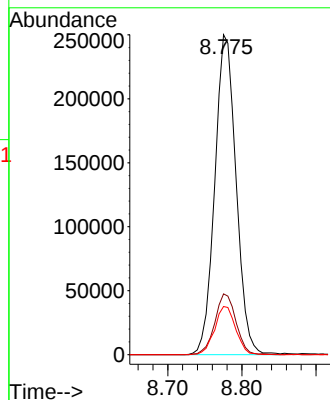
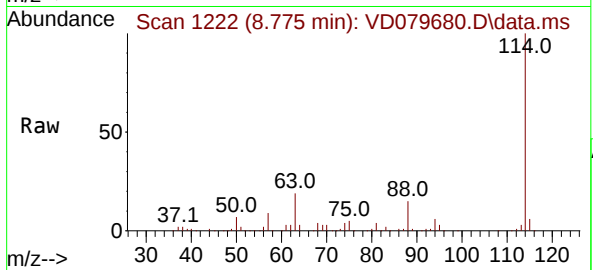
Tgt Ion:114 Resp: 499524

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.241 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

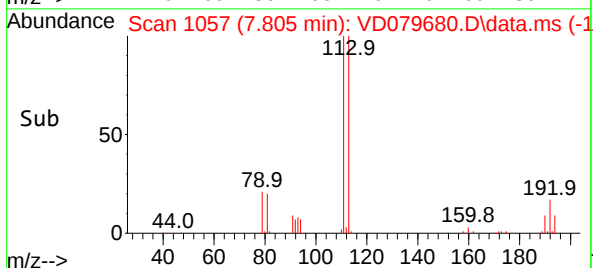
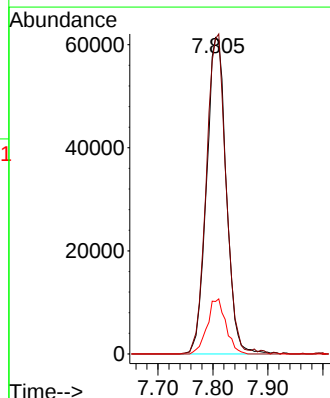
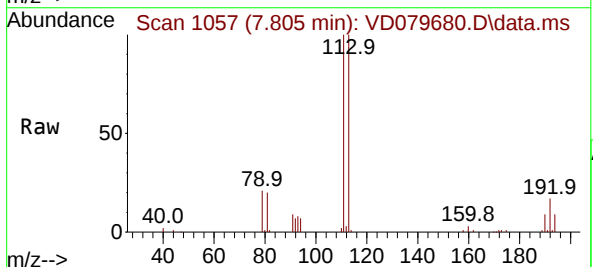
Tgt Ion:113 Resp: 152961

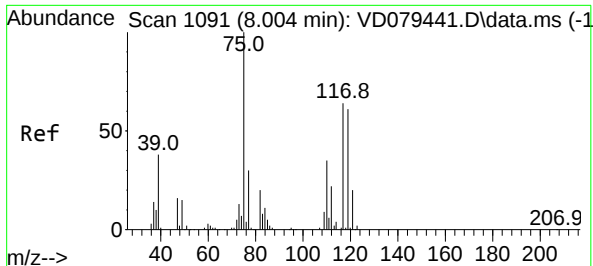
Ion Ratio Lower Upper

113 100

111 101.4 84.0 126.0

192 16.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

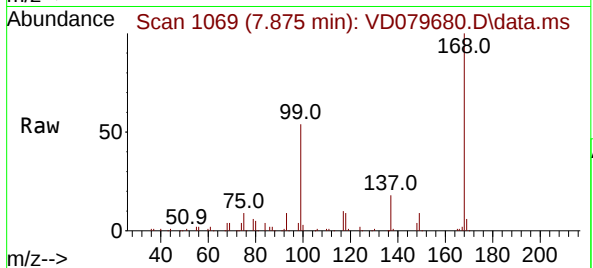
Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

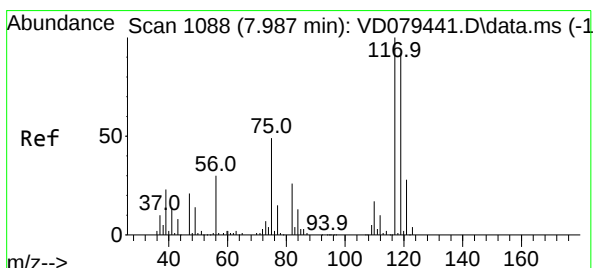
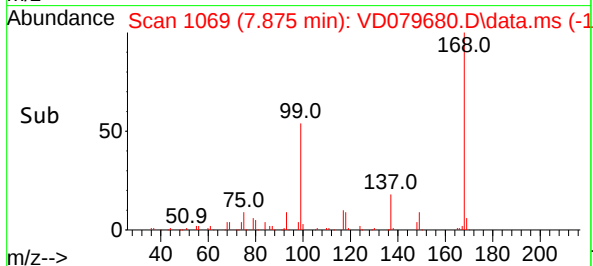
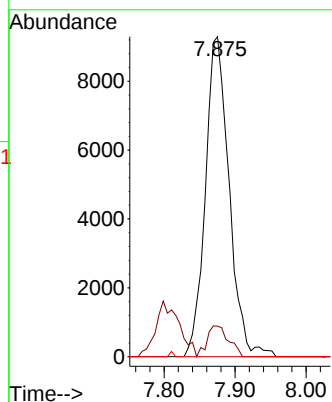
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	21593
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.404 ug/l

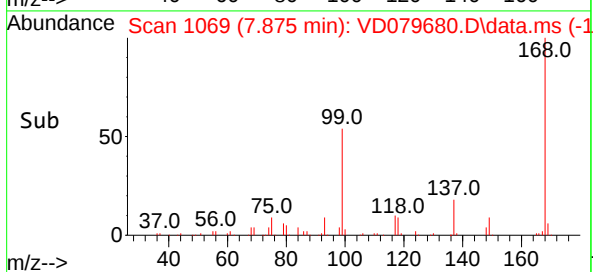
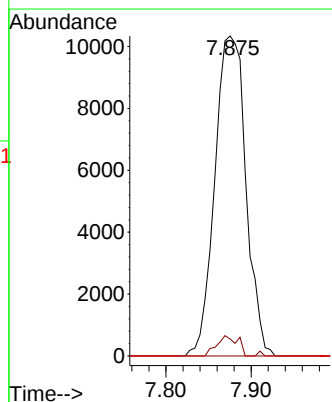
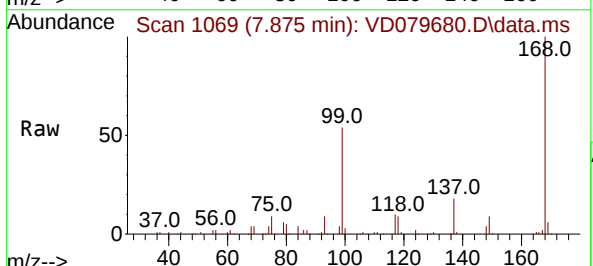
RT: 7.875 min Scan# 1069

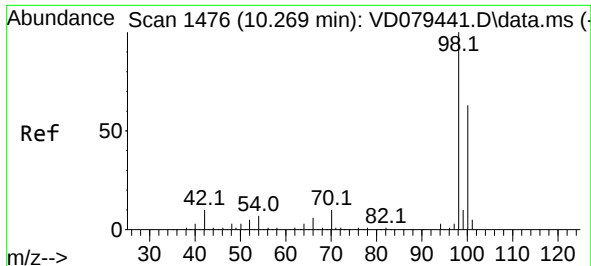
Delta R.T. -0.112 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

Tgt Ion:	117	Resp:	26215
Ion Ratio	100	Lower	Upper
117	100		
119	5.3	75.4	113.0#
121	0.0	25.0	37.4#

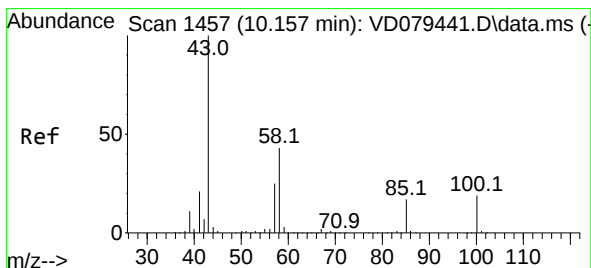
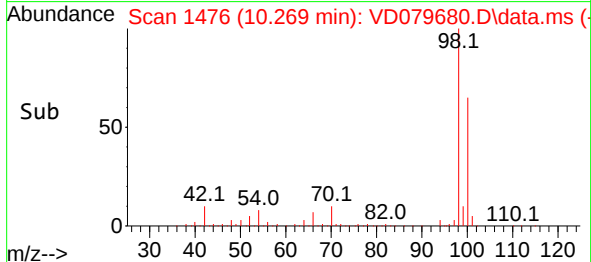
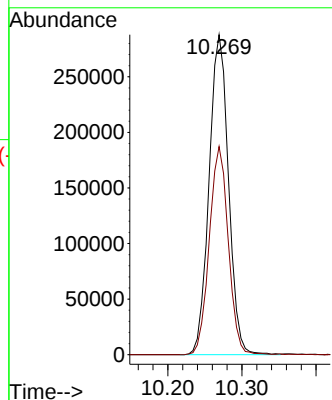
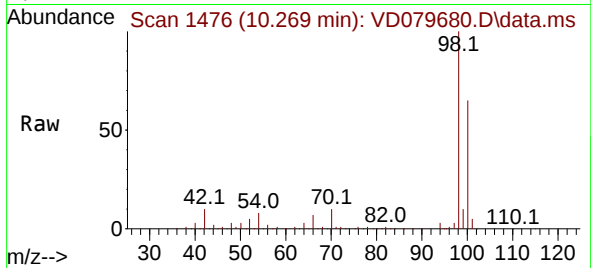




#50
Toluene-d8
Concen: 39.879 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

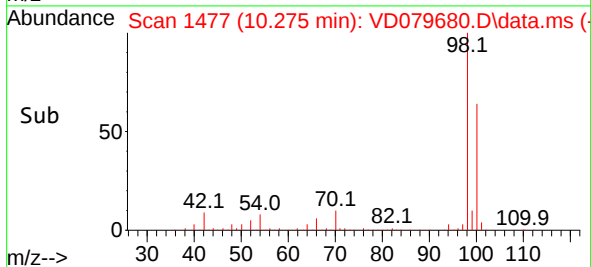
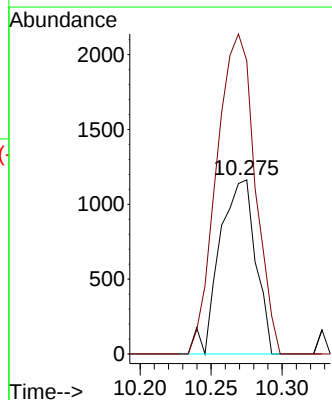
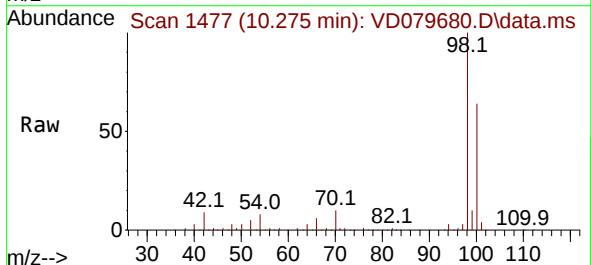
Instrument :
MSVOA_D
ClientSampleId :

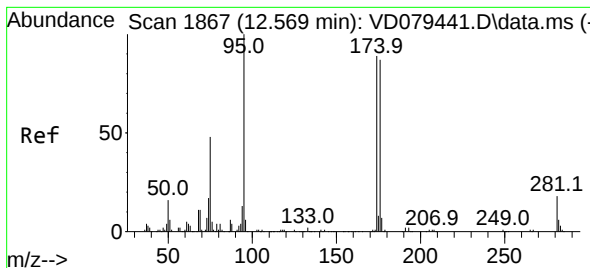
Tgt Ion: 98 Resp: 523597
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.129 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
58 196.5 36.6 55.0#

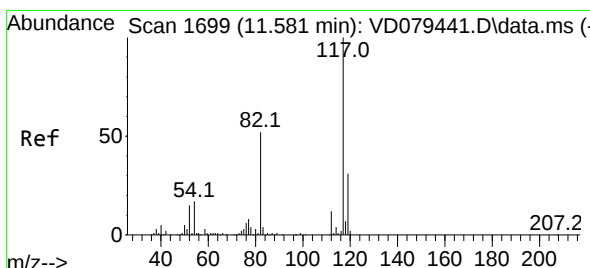
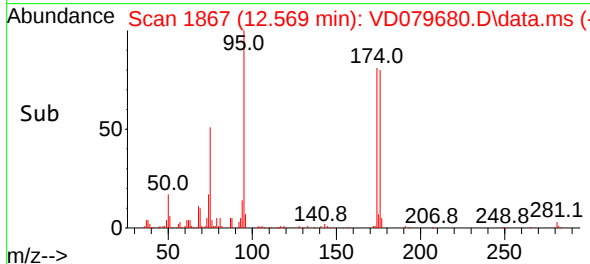
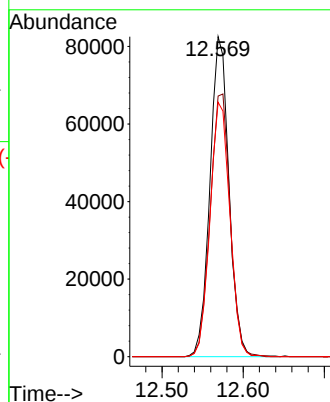
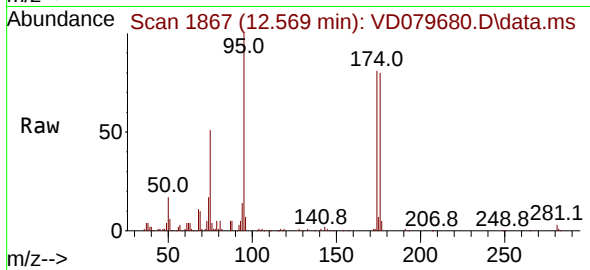




#62
4-Bromofluorobenzene
Concen: 35.219 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

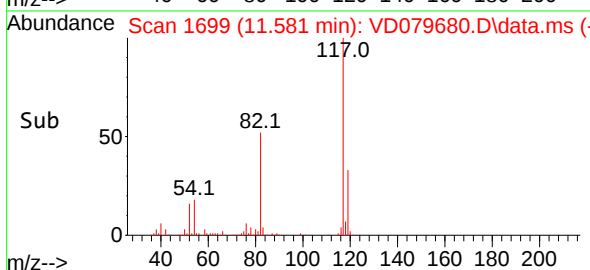
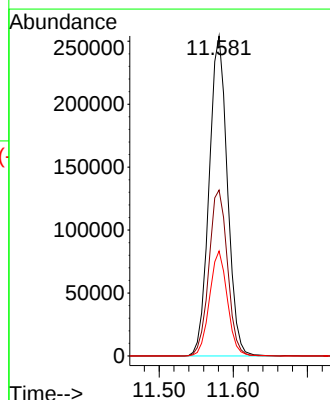
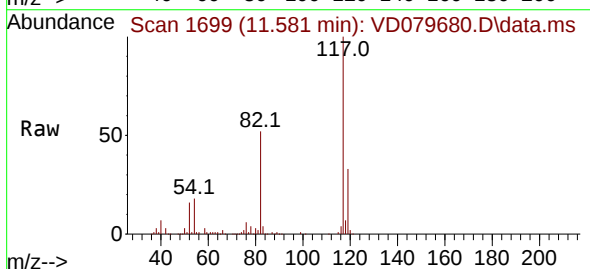
Instrument :
MSVOA_D
ClientSampleId :

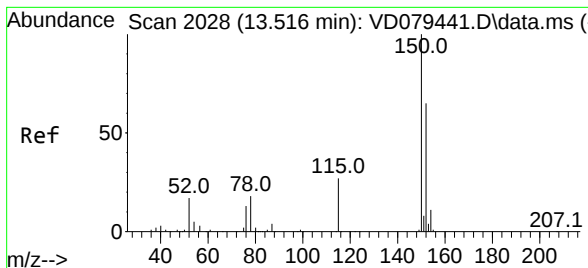
Tgt Ion: 95 Resp: 133813
Ion Ratio Lower Upper
95 100
174 86.6 0.0 195.4
176 83.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion: 117 Resp: 434475
Ion Ratio Lower Upper
117 100
82 51.9 39.8 59.6
119 32.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

Instrument :

MSVOA_D

ClientSampleId :

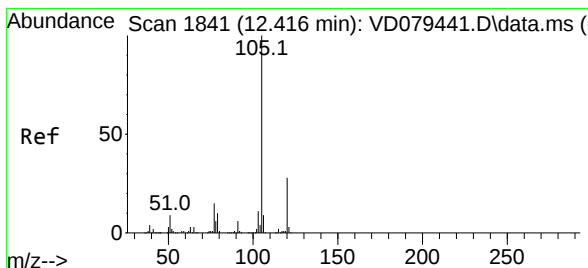
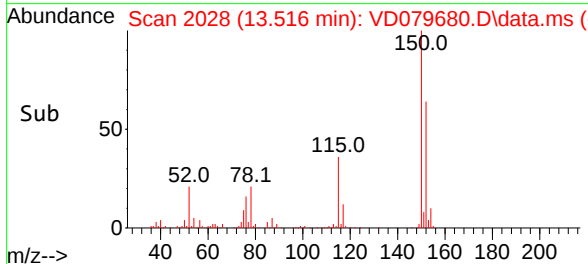
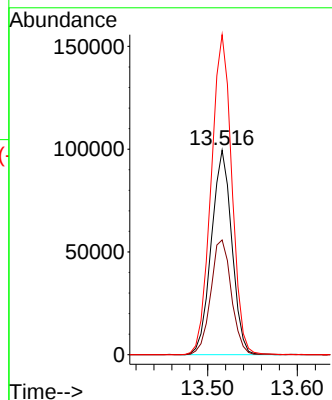
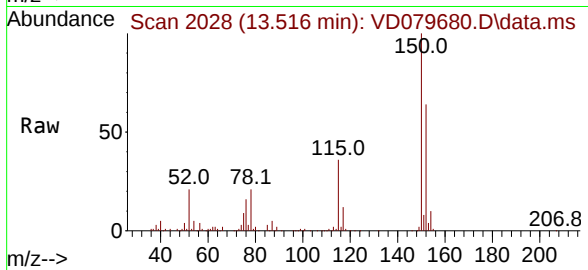
Tgt Ion:152 Resp: 157575

Ion Ratio Lower Upper

152 100

115 56.5 26.5 79.5

150 157.9 0.0 341.6



#73

Isopropylbenzene

Concen: 3.637 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.159 min

Lab File: VD079680.D

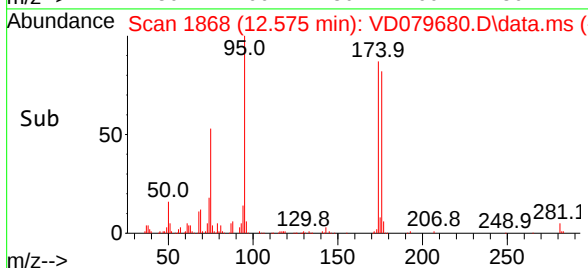
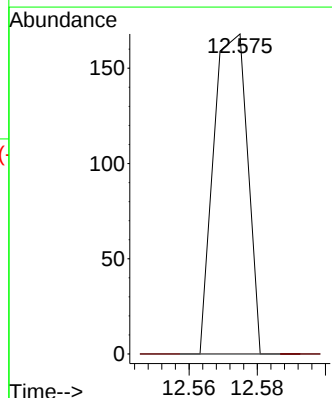
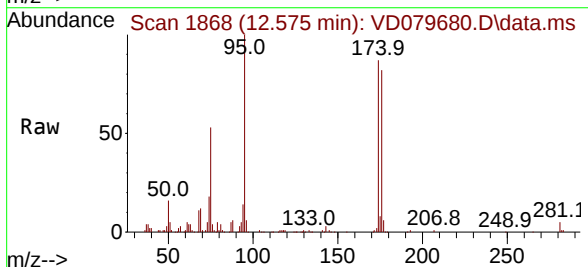
Acq: 08 Aug 2024 21:16

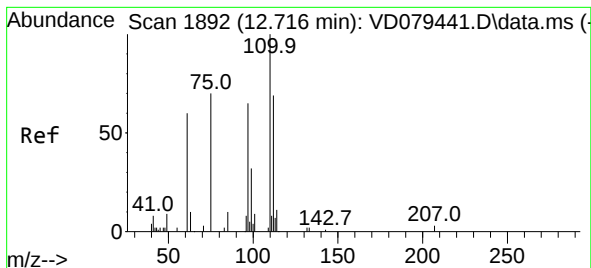
Tgt Ion:105 Resp: 115

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#

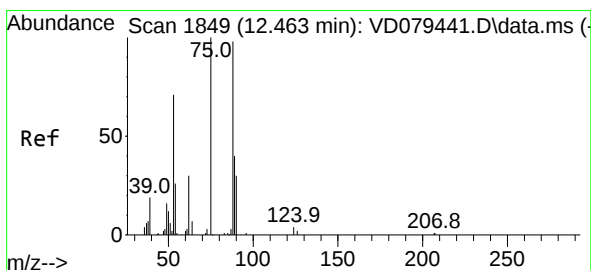
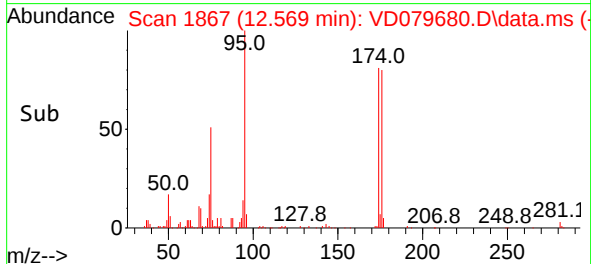
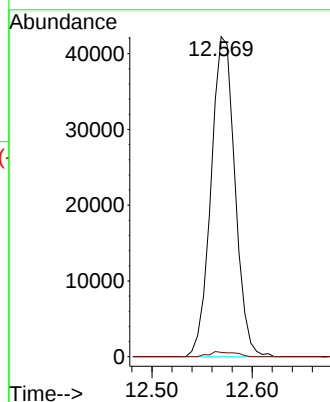
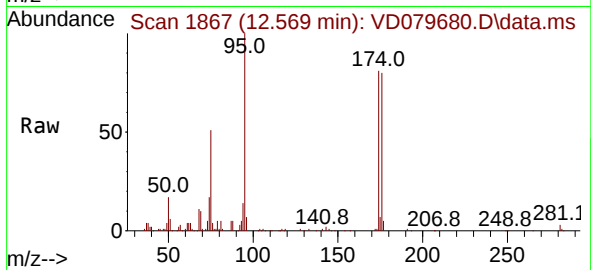




#76
1,2,3-Trichloropropane
Concen: 50.876 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

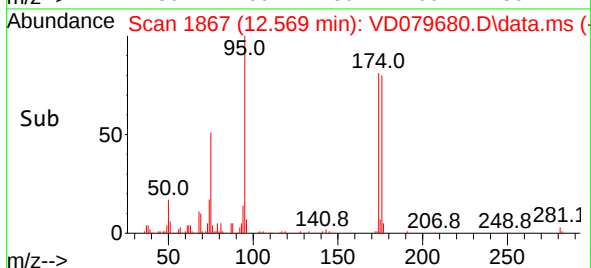
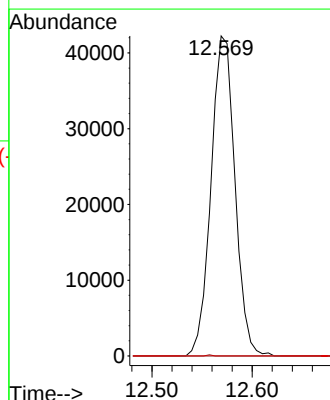
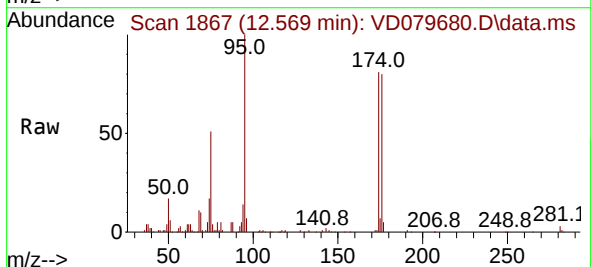
Instrument :
MSVOA_D
ClientSampleId :

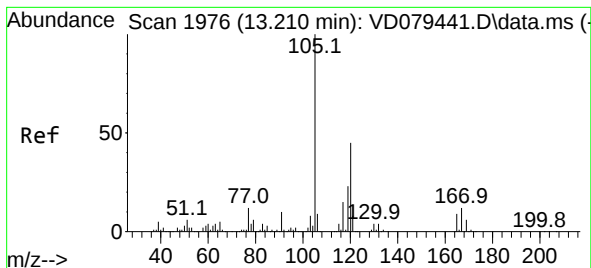
Tgt Ion: 75 Resp: 70074
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.033 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion: 75 Resp: 70074
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#





#84

1,2,4-Trimethylbenzene

Concen: 3.455 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

Instrument :

MSVOA_D

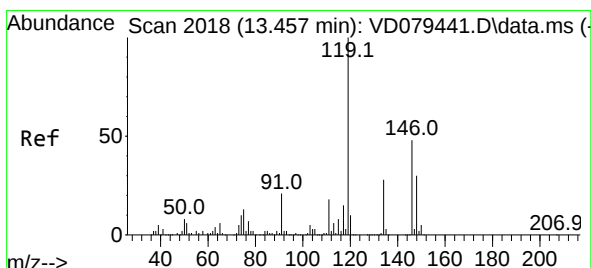
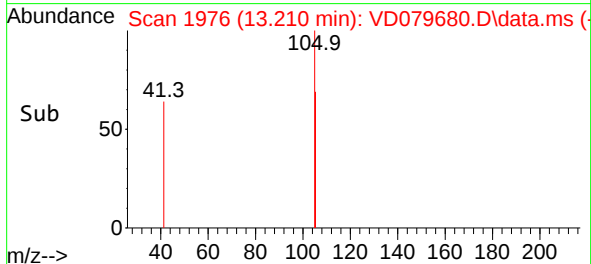
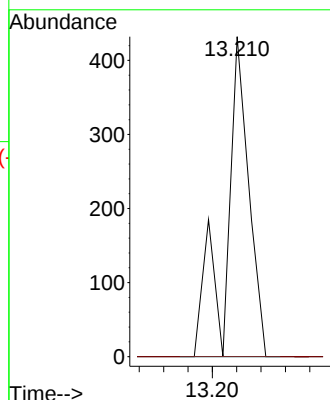
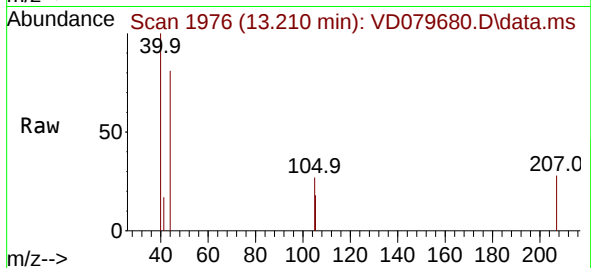
ClientSampleId :

Tgt Ion:105 Resp: 283

Ion Ratio Lower Upper

105 100

120 0.0 23.6 71.0#



#86

p-Isopropyltoluene

Concen: 3.891 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. -0.006 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

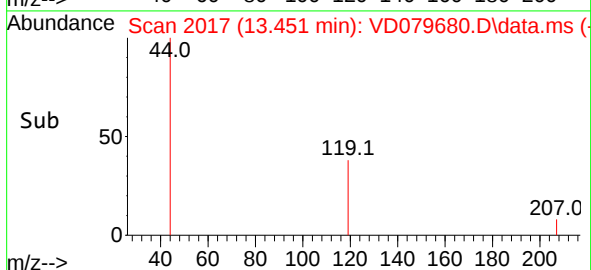
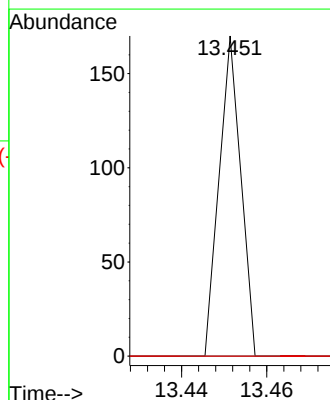
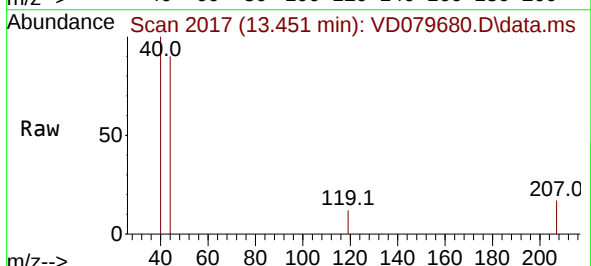
Tgt Ion:119 Resp: 60

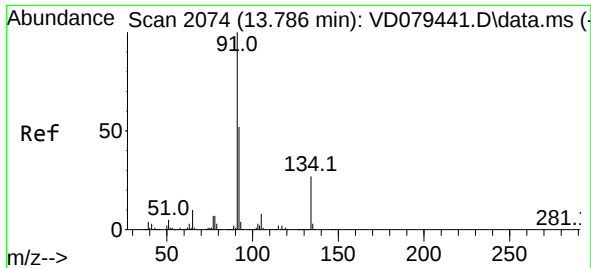
Ion Ratio Lower Upper

119 100

134 0.0 13.7 41.1#

91 0.0 10.7 32.1#





#89

n-Butylbenzene

Concen: 3.791 ug/l

RT: 13.787 min Scan# 20

Delta R.T. 0.006 min

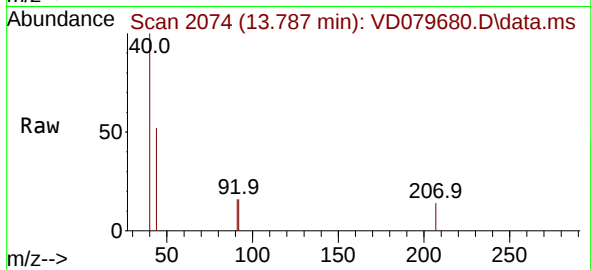
Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	91	Resp:	92
Ion	Ratio	Lower	Upper
91	100		
92	97.8	25.7	77.0#
134	0.0	13.6	40.8#

