

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079678.D
 Acq On : 08 Aug 2024 20:21
 Operator : RP/MD
 Sample : P3468-01
 Misc : 5.56G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:12:44 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)

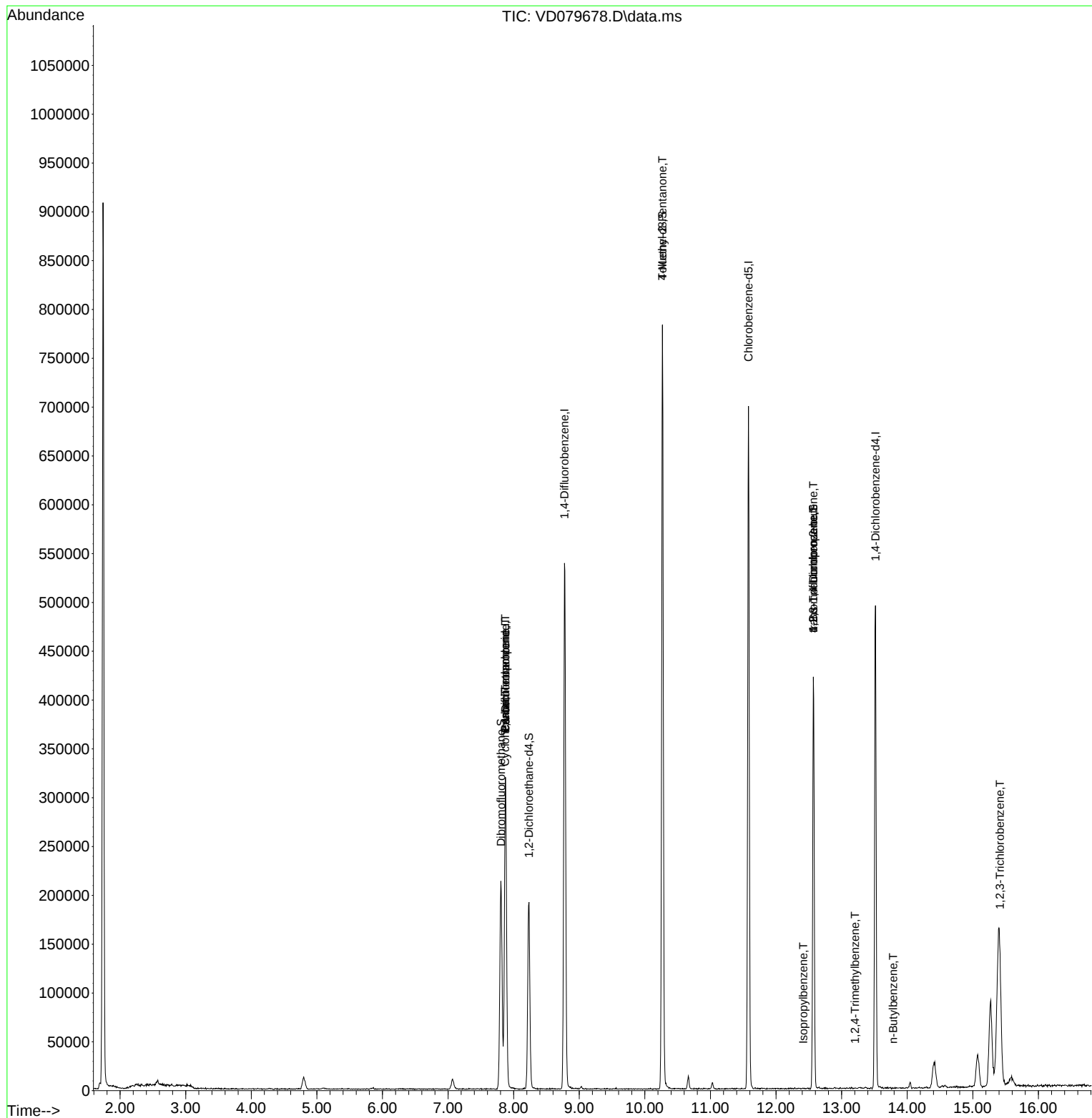
Internal Standards						
1) Pentafluorobenzene	7.875	168	242391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	485788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	402033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	149372	60.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.320%
35) Dibromofluoromethane	7.810	113	156120	47.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.960%
50) Toluene-d8	10.269	98	547155	42.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.700%
62) 4-Bromofluorobenzene	12.569	95	129070	34.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.860%
Target Compounds						
						Qvalue
5) Bromomethane	2.699	94	444	Below Cal		94
11) Tert butyl alcohol	4.799	59	61	Below Cal	#	86
20) Methylene Chloride	4.799	84	8832	Below Cal		88
31) Cyclohexane	7.869	56	5559	1.359	ug/l #	60
36) 1,1-Dichloropropene	7.875	75	19928	4.440	ug/l #	45
38) Carbon Tetrachloride	7.875	117	25570	5.420	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1827	1.035	ug/l #	1
73) Isopropylbenzene	12.416	105	54	3.633	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	66846	56.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	66846	106.817	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	197	3.450	ug/l	70
89) n-Butylbenzene	13.786	91	182	3.801	ug/l #	62
96) 1,2,3-Trichlorobenzene	15.416	180	27226	12.119	ug/l #	12

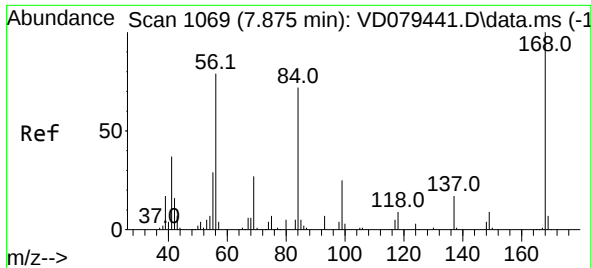
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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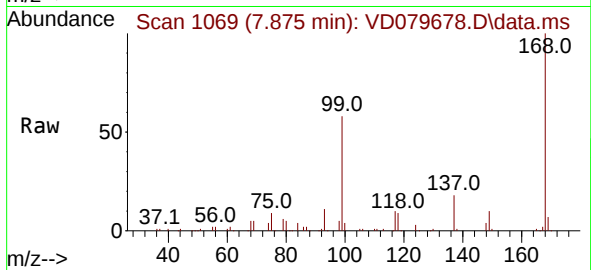
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



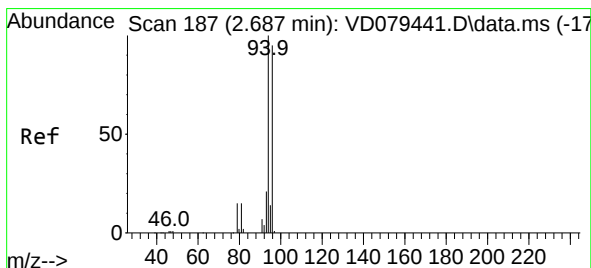
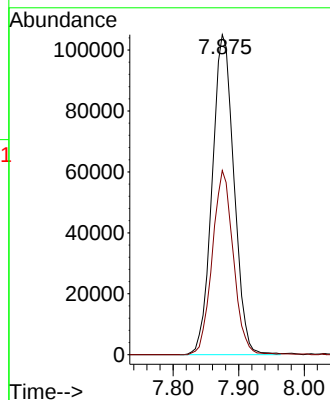
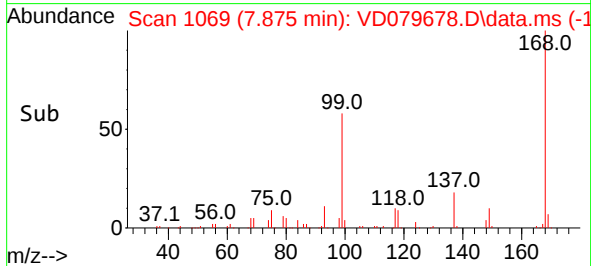


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Instrument :
MSVOA_D
ClientSampleId :

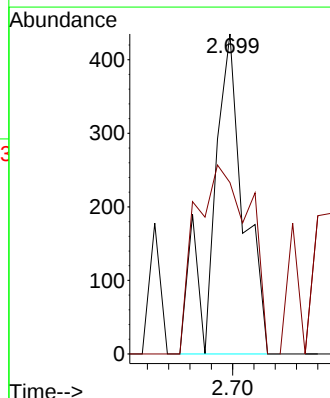
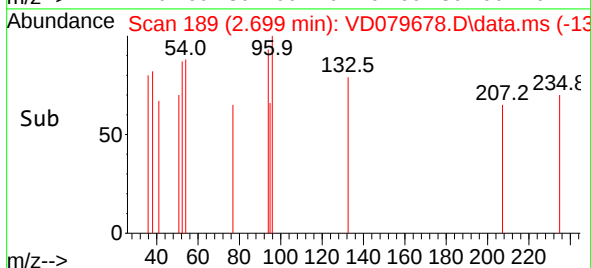
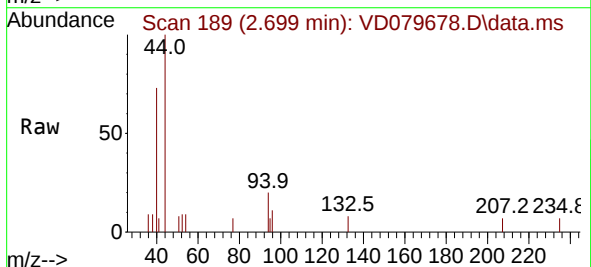


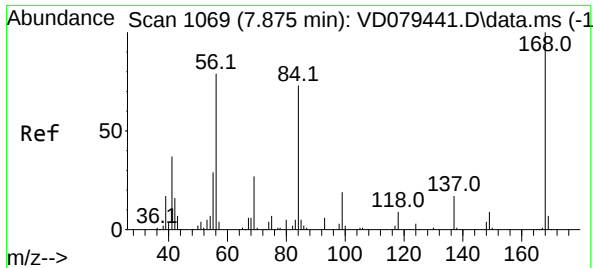
Tgt Ion:168 Resp: 242391
Ion Ratio Lower Upper
168 100
99 57.5 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

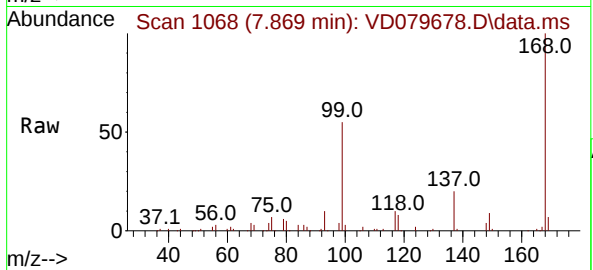
Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 101.8 76.9 115.3



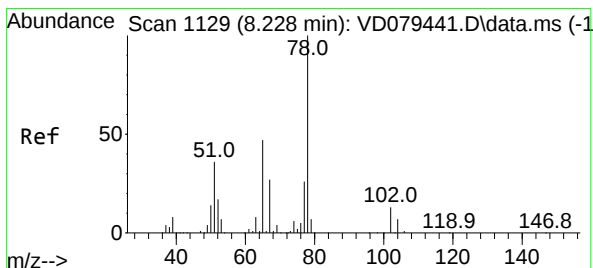
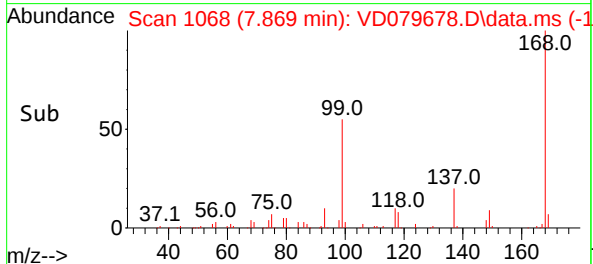
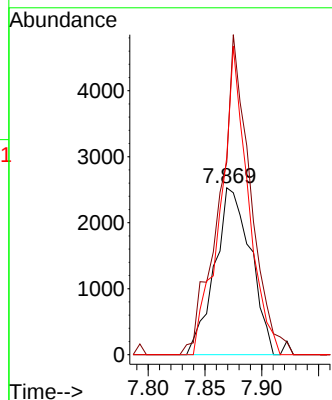


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Instrument :
MSVOA_D
ClientSampleId :

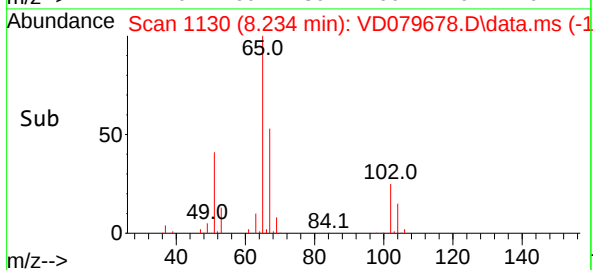
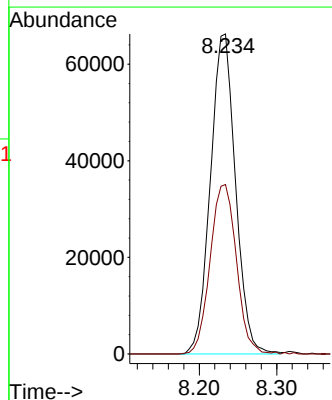
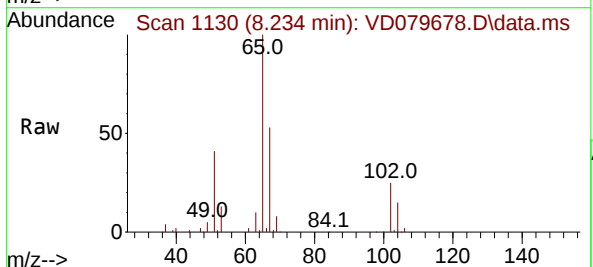


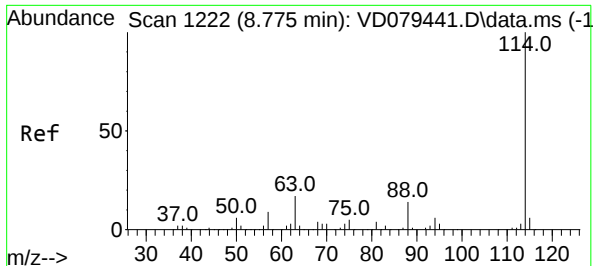
Tgt Ion: 56 Resp: 5559
Ion Ratio Lower Upper
56 100
69 115.3 28.0 42.0#
84 118.1 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 60.660 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Tgt Ion: 65 Resp: 149372
Ion Ratio Lower Upper
65 100
67 55.4 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: VD079678.D

Acq: 08 Aug 2024 20:21

Instrument :

MSVOA_D

ClientSampleId :

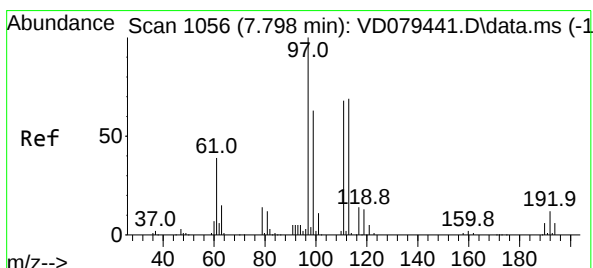
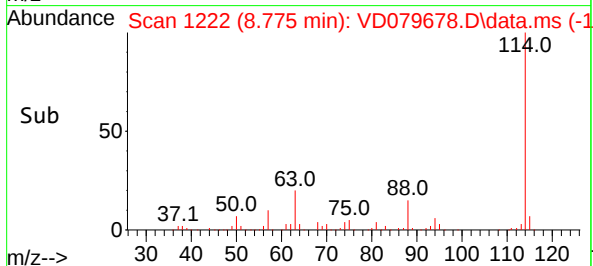
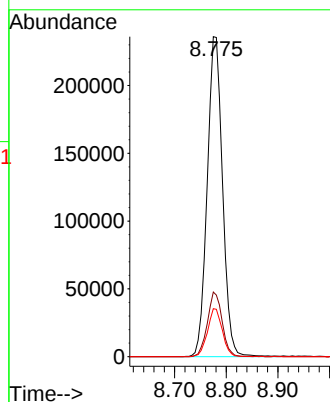
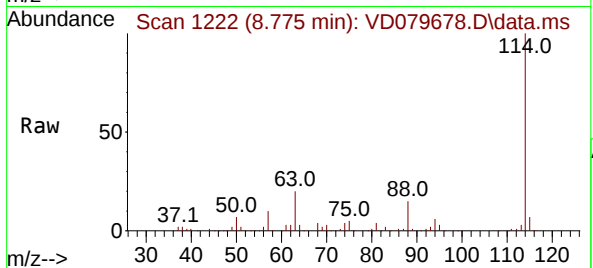
Tgt Ion:114 Resp: 485788

Ion Ratio Lower Upper

114 100

63 20.2 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.481 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079678.D

Acq: 08 Aug 2024 20:21

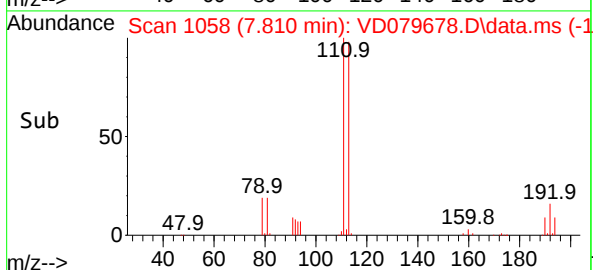
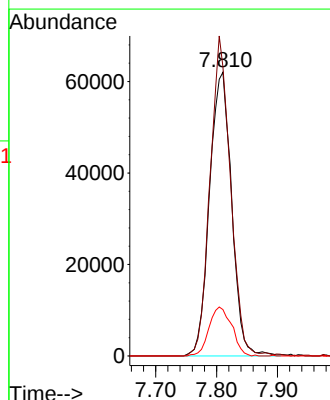
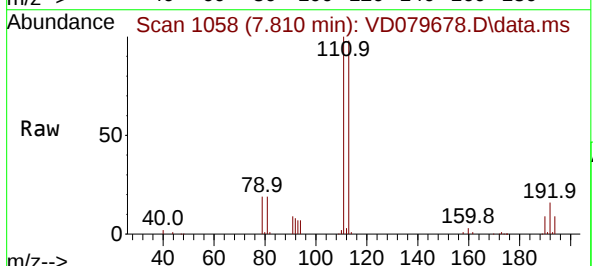
Tgt Ion:113 Resp: 156120

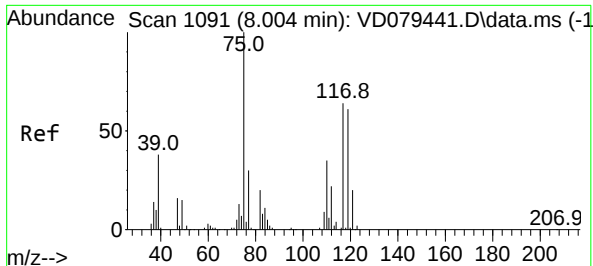
Ion Ratio Lower Upper

113 100

111 104.5 84.0 126.0

192 17.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.440 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

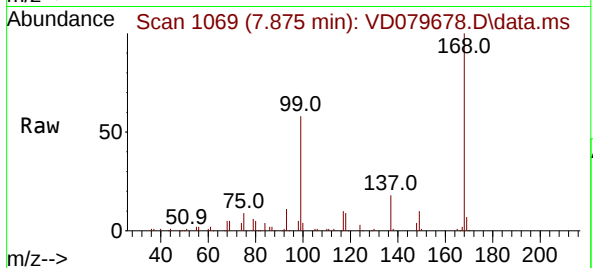
Lab File: VD079678.D

Acq: 08 Aug 2024 20:21

Instrument :

MSVOA_D

ClientSampleId :



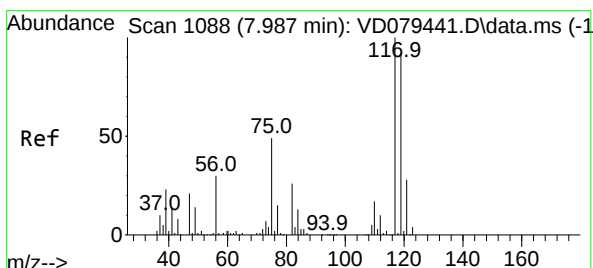
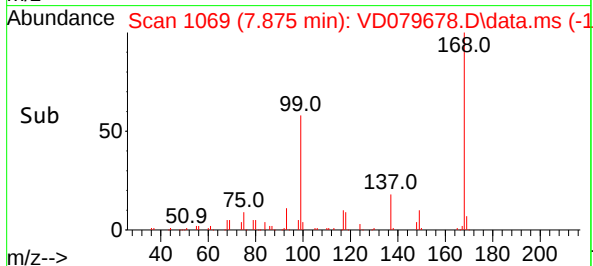
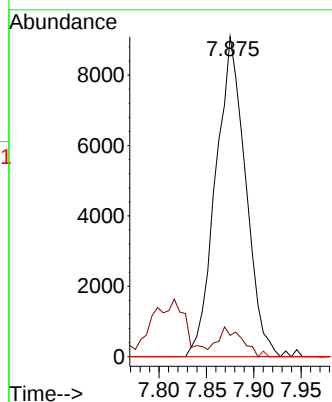
Tgt Ion: 75 Resp: 19928

Ion Ratio Lower Upper

75 100

110 7.2 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.420 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079678.D

Acq: 08 Aug 2024 20:21

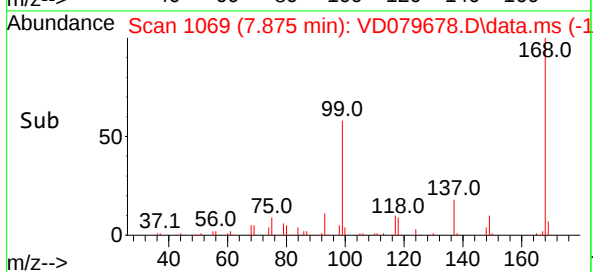
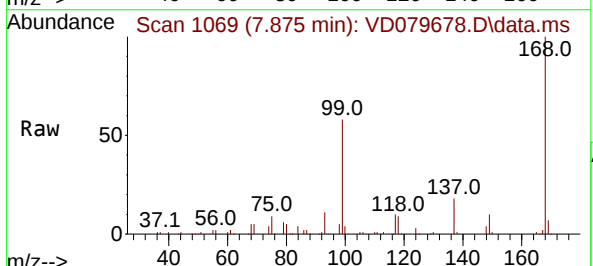
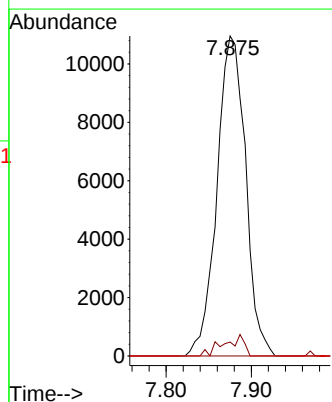
Tgt Ion: 117 Resp: 25570

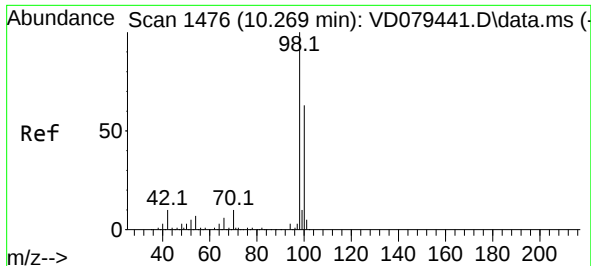
Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.0#

121 0.0 25.0 37.4#

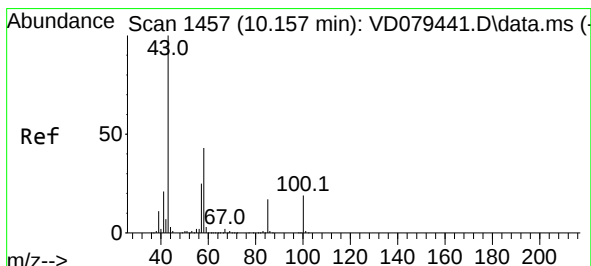
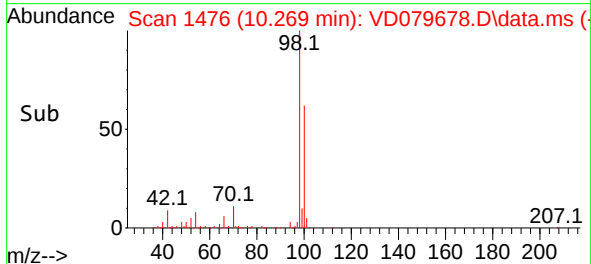
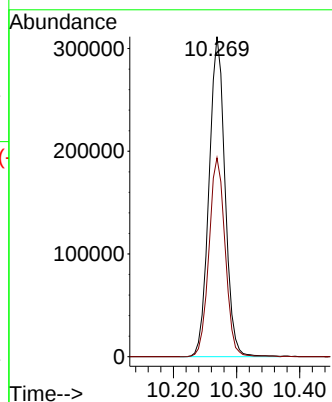
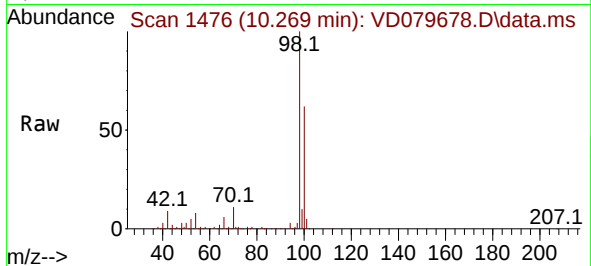




#50
Toluene-d8
Concen: 42.851 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

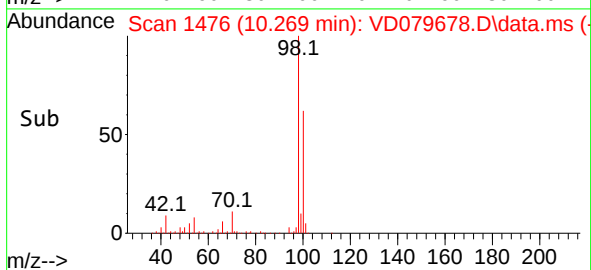
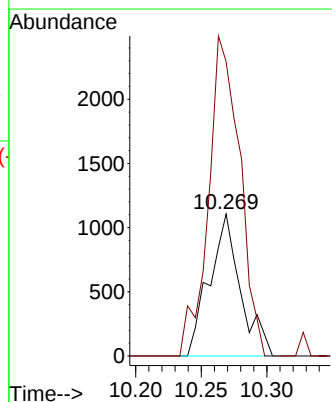
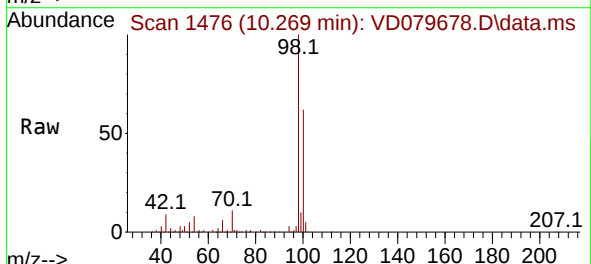
Instrument :
MSVOA_D
ClientSampleId :

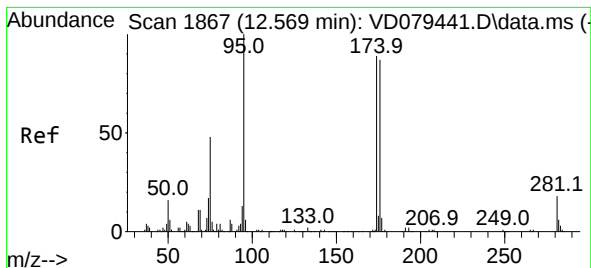
Tgt Ion: 98 Resp: 547155
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.035 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 227.5 36.6 55.0#

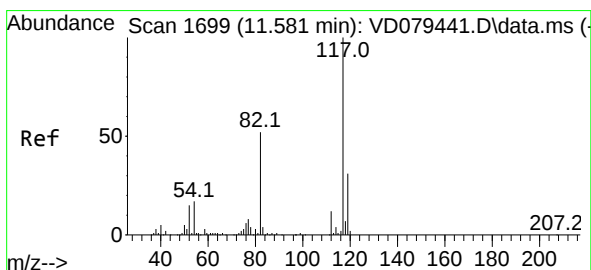
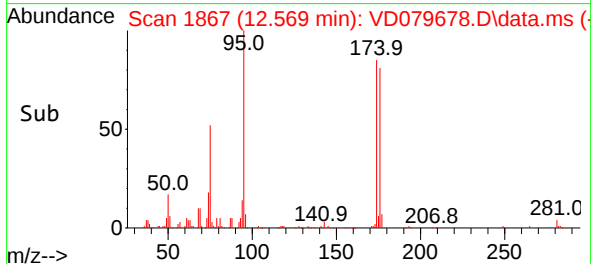
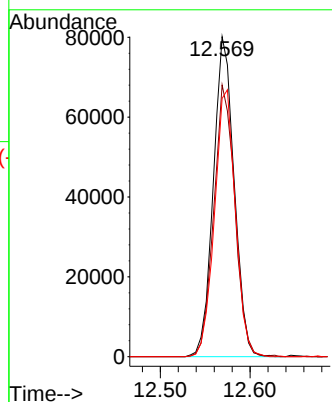
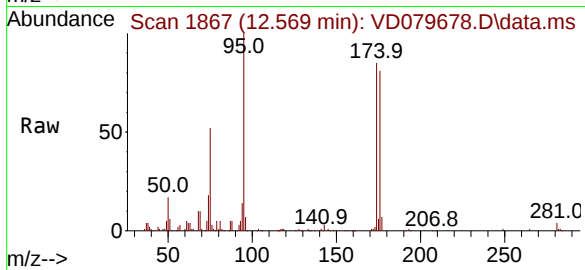




#62
4-Bromofluorobenzene
Concen: 34.931 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

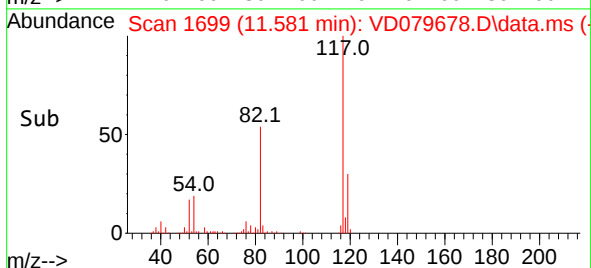
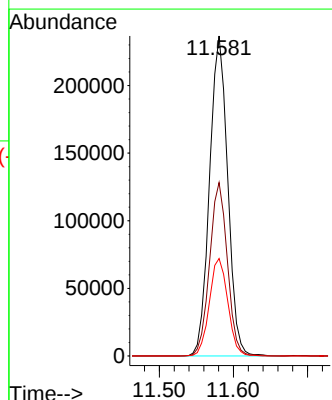
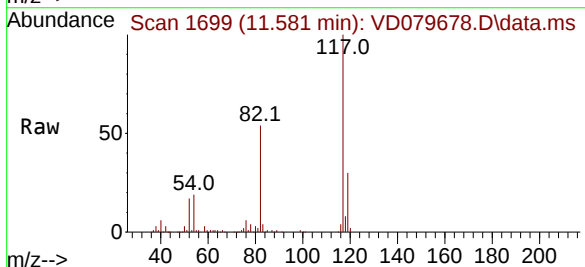
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MSVOA_D
ClientSampleId :

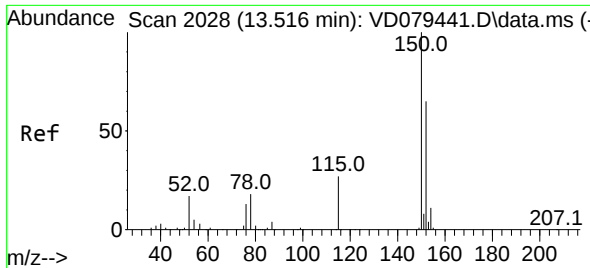
Tgt Ion: 95 Resp: 129070
Ion Ratio Lower Upper
95 100
174 86.0 0.0 195.4
176 84.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Tgt Ion: 117 Resp: 402033
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 30.5 25.7 38.5

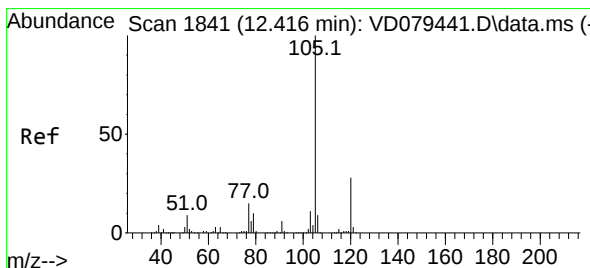
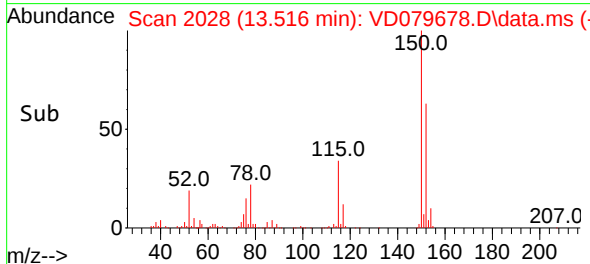
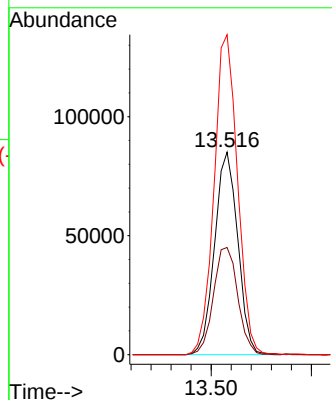
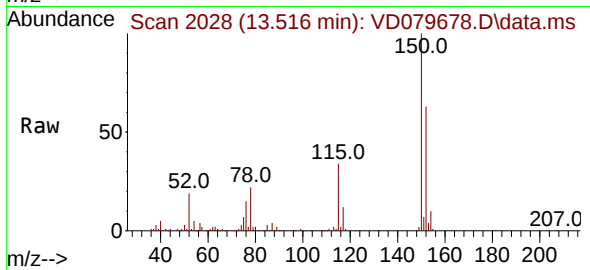




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

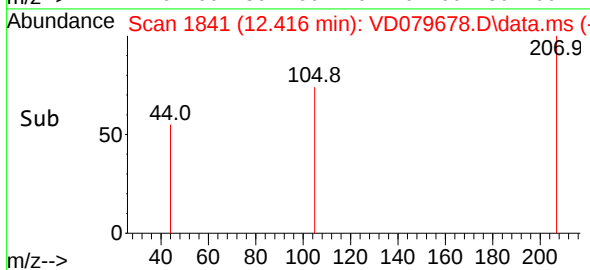
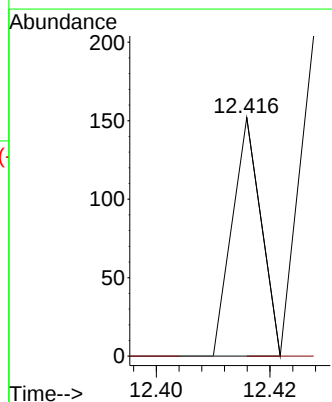
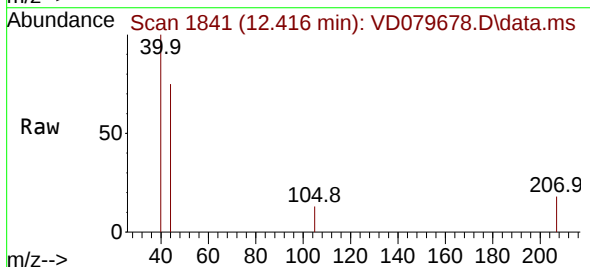
Instrument :
MSVOA_D
ClientSampleId :

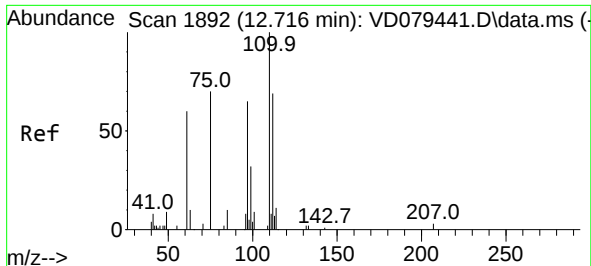
Tgt Ion:152 Resp: 136549
Ion Ratio Lower Upper
152 100
115 55.6 26.5 79.5
150 159.5 0.0 341.6



#73
Isopropylbenzene
Concen: 3.633 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Tgt Ion:105 Resp: 54
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

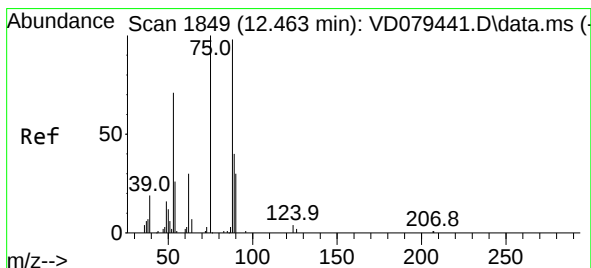
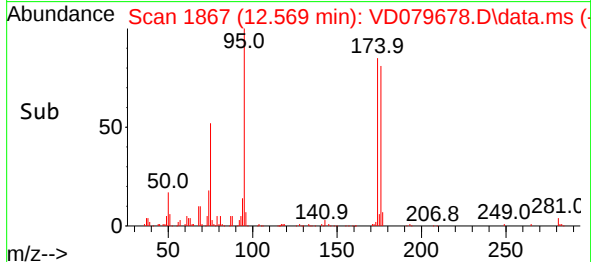
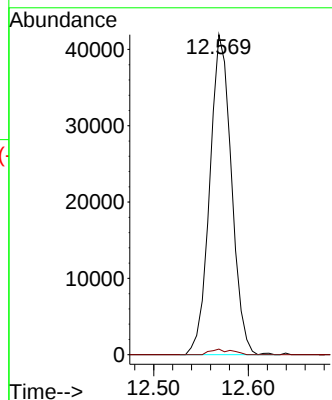
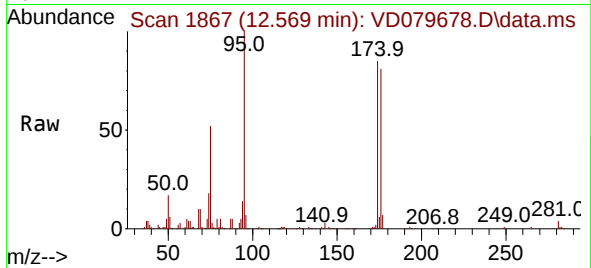




#76
1,2,3-Trichloropropane
Concen: 56.005 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

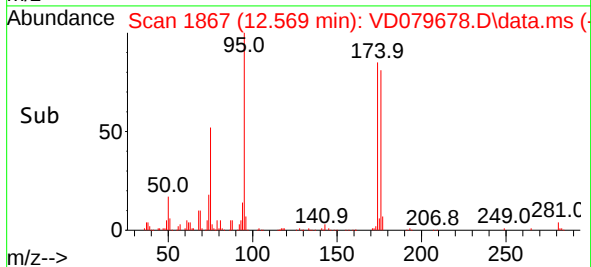
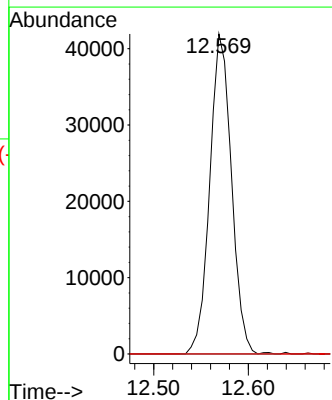
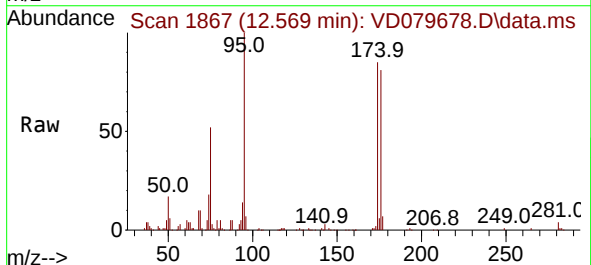
Instrument :
MSVOA_D
ClientSampleId :

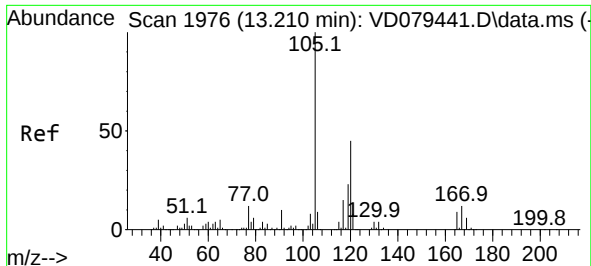
Tgt Ion: 75 Resp: 66846
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.817 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

Tgt Ion: 75 Resp: 66846
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

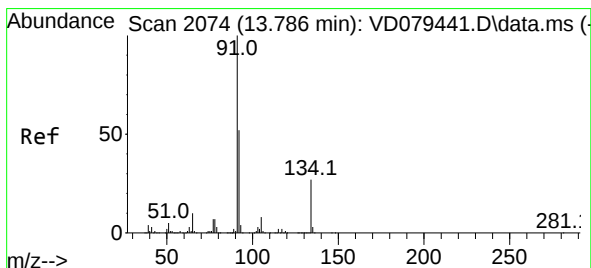
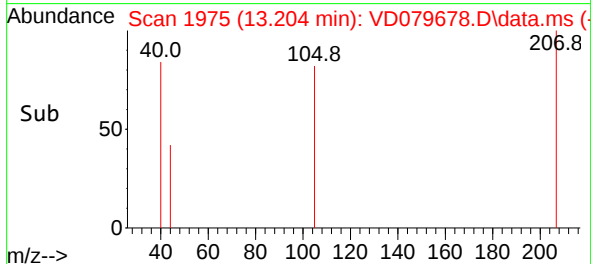
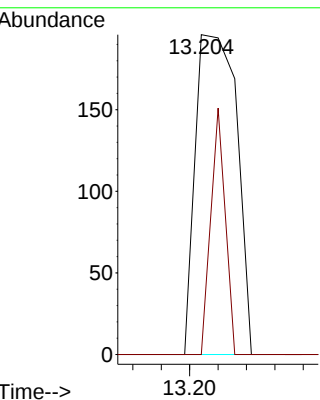
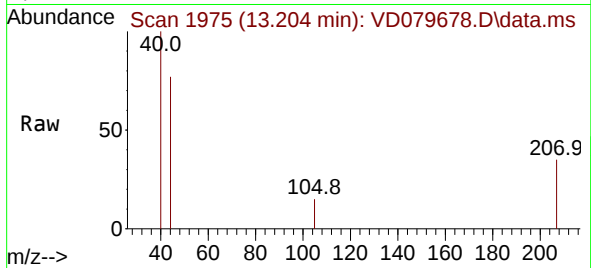




#84
1,2,4-Trimethylbenzene
Concen: 3.450 ug/l
RT: 13.204 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

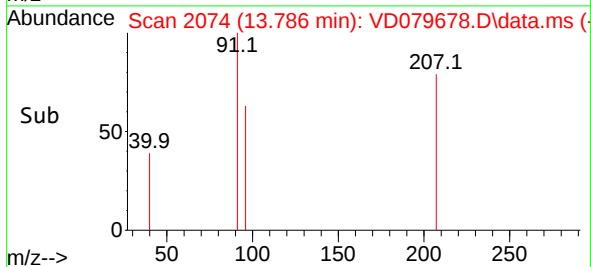
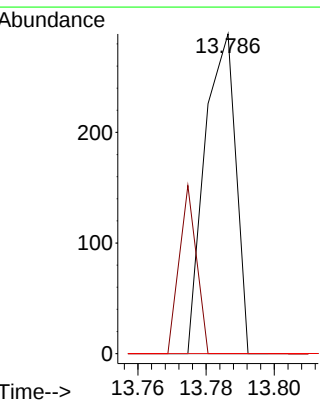
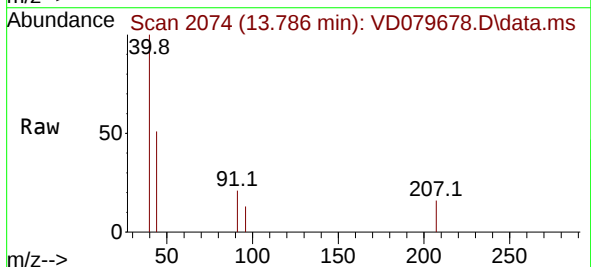
Instrument :
MSVOA_D
ClientSampleId :

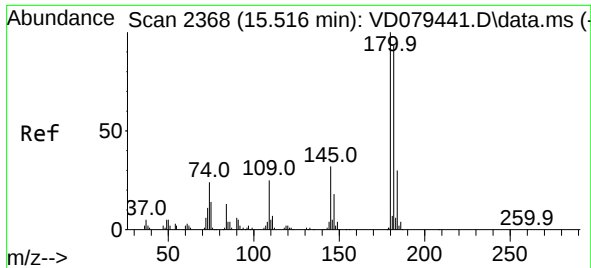
Tgt Ion:105 Resp: 197
Ion Ratio Lower Upper
105 100
120 26.9 23.6 71.0



#89
n-Butylbenzene
Concen: 3.801 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD079678.D
Acq: 08 Aug 2024 20:21

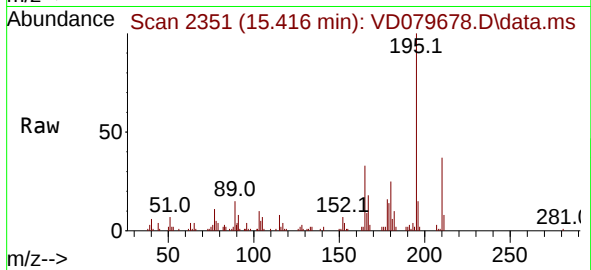
Tgt Ion: 91 Resp: 182
Ion Ratio Lower Upper
91 100
92 29.7 25.7 77.0
134 0.0 13.6 40.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 12.119 ug/l
 RT: 15.416 min Scan# 21
 Delta R.T. -0.106 min
 Lab File: VD079678.D
 Acq: 08 Aug 2024 20:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 27226
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 0.0 16.1 48.2#

