

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079551.D
 Acq On : 02 Aug 2024 19:21
 Operator : RP/MD
 Sample : P3403-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT3054

Quant Time: Aug 02 19:29:24 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)

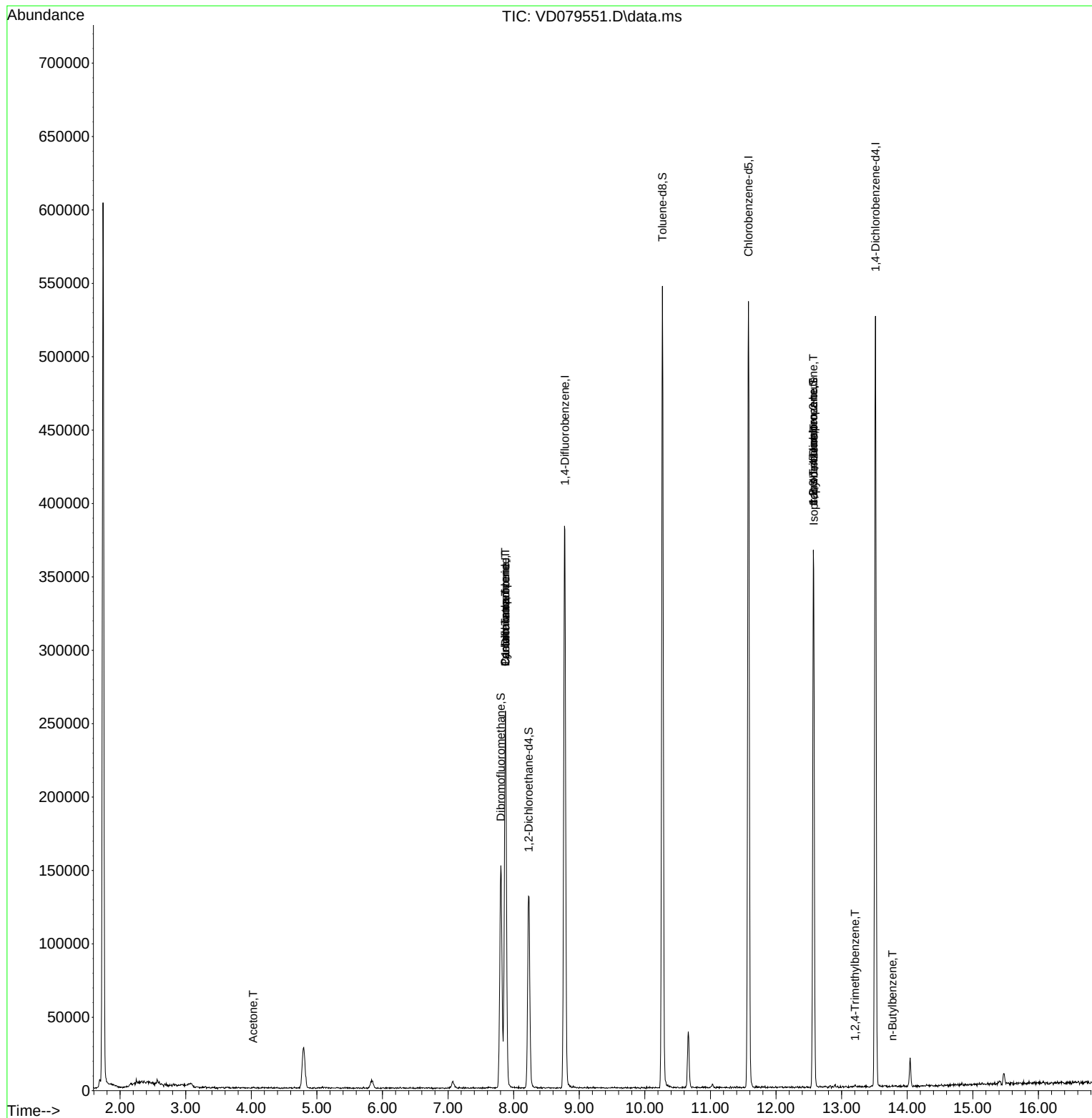
Internal Standards						
1) Pentafluorobenzene	7.875	168	202782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	354140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	327675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105222	51.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.160%	
35) Dibromofluoromethane	7.804	113	111863	46.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.340%	
50) Toluene-d8	10.269	98	380871	40.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.840%	
62) 4-Bromofluorobenzene	12.569	95	104771	38.895	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.704	94	771	Below Cal	#	64
11) Tert butyl alcohol	5.087	59	62	Below Cal	#	86
16) Acetone	4.028	43	623	1.556	ug/l #	37
20) Methylene Chloride	4.798	84	22149	Below Cal		96
31) Cyclohexane	7.875	56	4480	1.309	ug/l #	16
36) 1,1-Dichloropropene	7.875	75	16193	4.950	ug/l #	48
38) Carbon Tetrachloride	7.875	117	19544	5.683	ug/l #	15
73) Isopropylbenzene	12.574	105	62	3.633	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	50977	39.300	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50977	74.955	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	708	3.499	ug/l	74
89) n-Butylbenzene	13.774	91	86	3.790	ug/l #	34

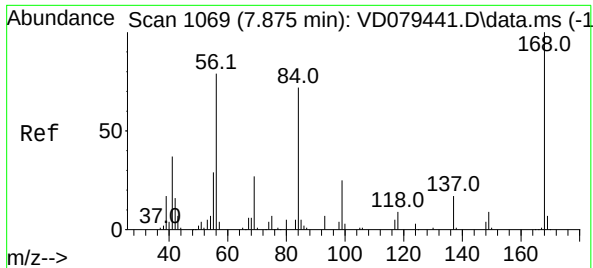
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_D\Data\VD080224\
Data File : VD079551.D
Acq On : 02 Aug 2024 19:21
Operator : RP/MD
Sample : P3403-01
Misc : 4.99G/5.0ml/MSV0A_D/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :
RT3054

Quant Time: Aug 02 19:29:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

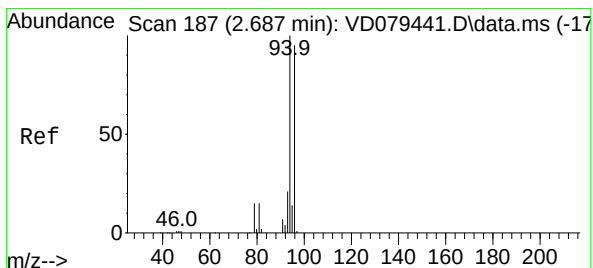
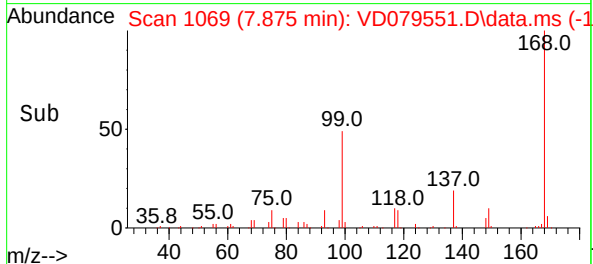
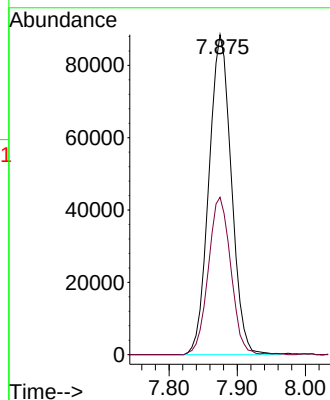
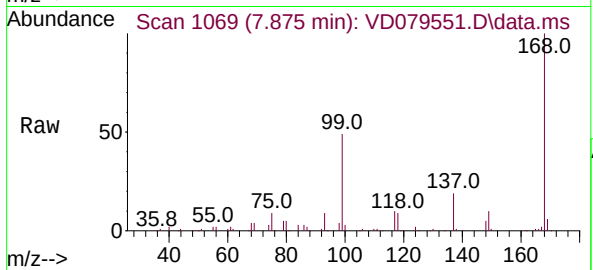




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

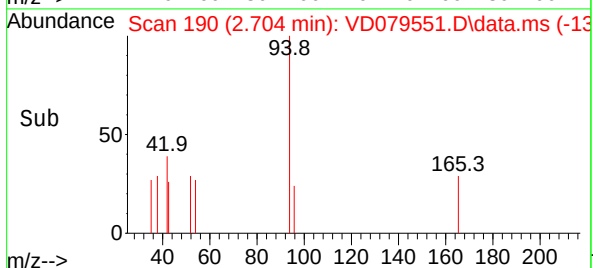
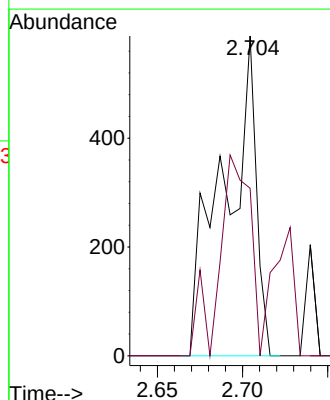
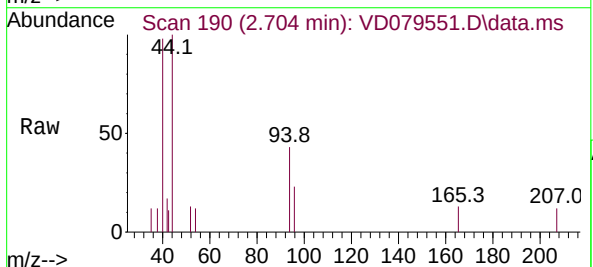
Instrument :
MSVOA_D
ClientSampleId :
RT3054

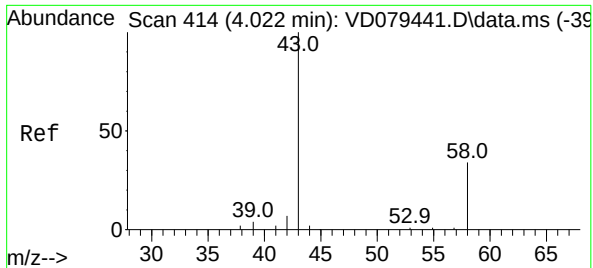
Tgt Ion:168 Resp: 202782
Ion Ratio Lower Upper
168 100
99 49.2 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.704 min Scan# 190
Delta R.T. 0.017 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion: 94 Resp: 771
Ion Ratio Lower Upper
94 100
96 60.8 76.9 115.3#

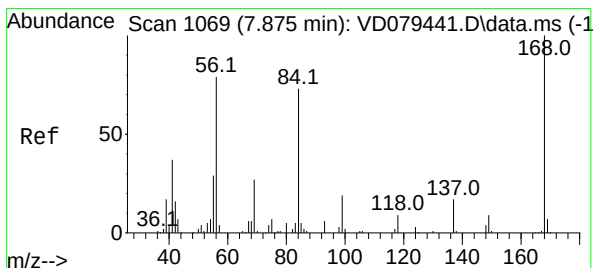
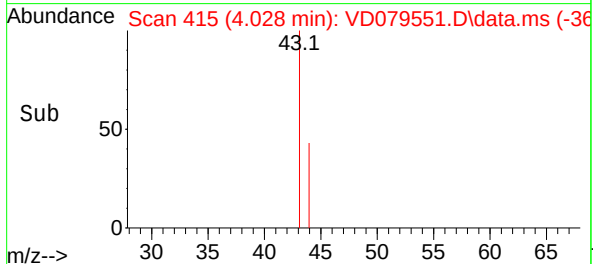
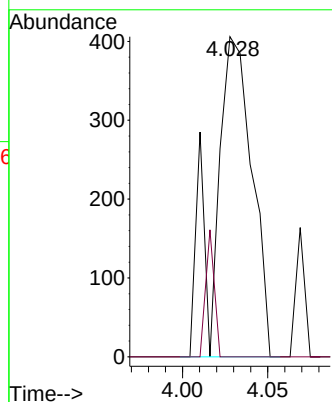
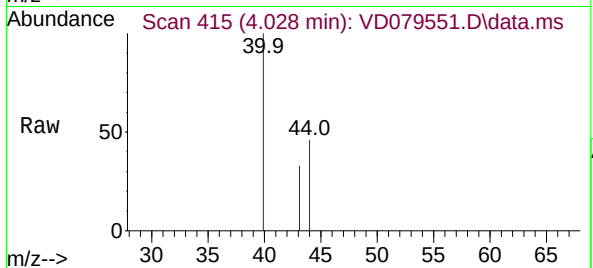




#16
Acetone
Concen: 1.556 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

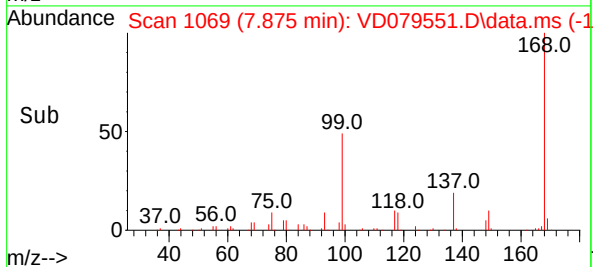
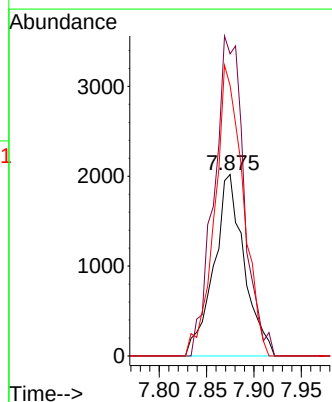
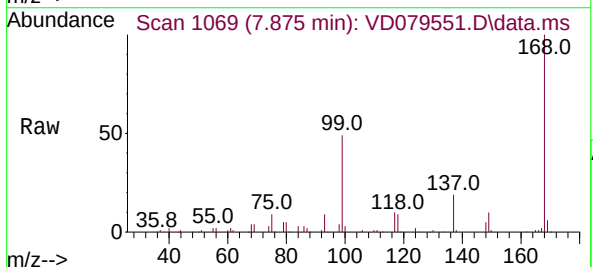
Instrument :
MSVOA_D
ClientSampleId :
RT3054

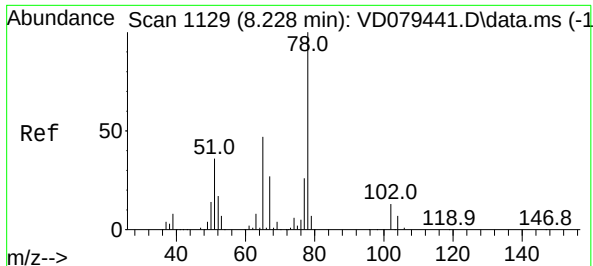
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion: 56 Resp: 4480
Ion Ratio Lower Upper
56 100
69 166.5 28.0 42.0#
84 148.9 87.4 131.0#

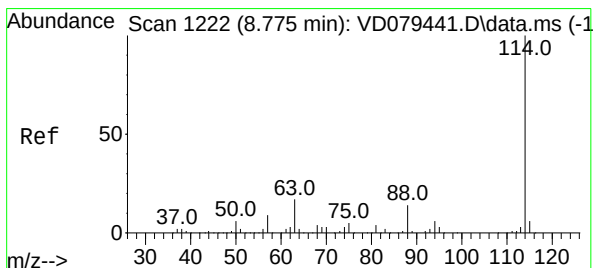
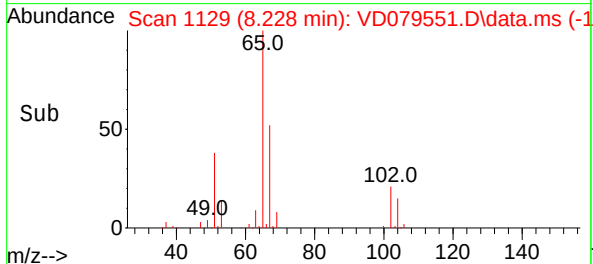
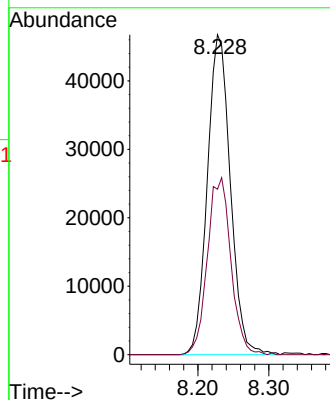
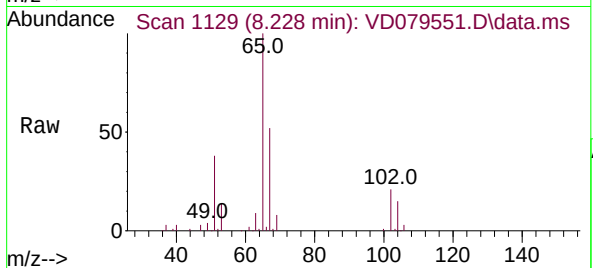




#33
 1,2-Dichloroethane-d4
 Concen: 51.077 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079551.D
 Acq: 02 Aug 2024 19:21

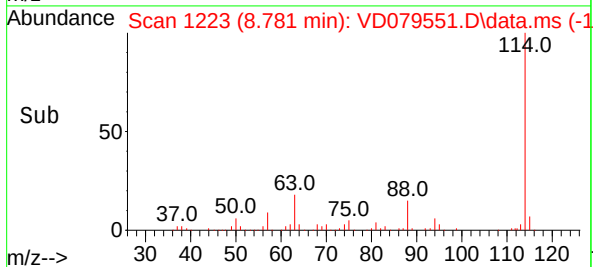
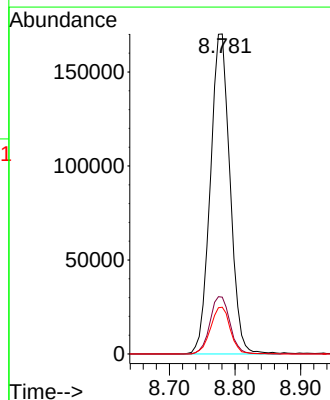
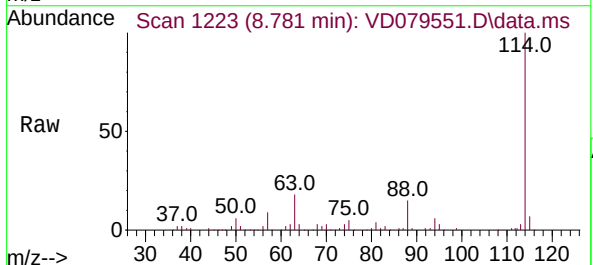
Instrument :
 MSVOA_D
 ClientSampleId :
 RT3054

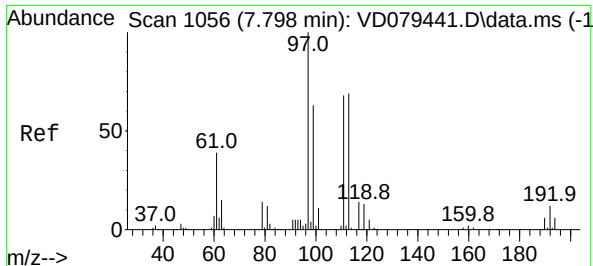
Tgt Ion: 65 Resp: 105222
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.005 min
 Lab File: VD079551.D
 Acq: 02 Aug 2024 19:21

Tgt Ion: 114 Resp: 354140
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 14.6 0.0 27.2

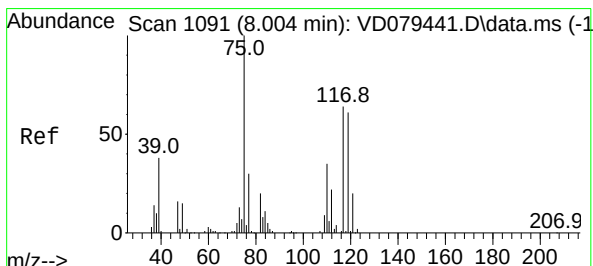
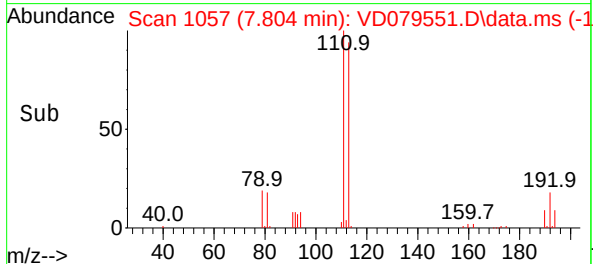
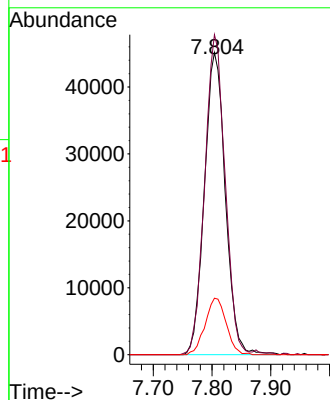
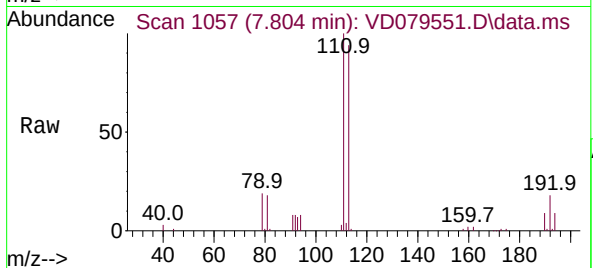




#35
Dibromofluoromethane
Concen: 46.668 ug/l
RT: 7.804 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

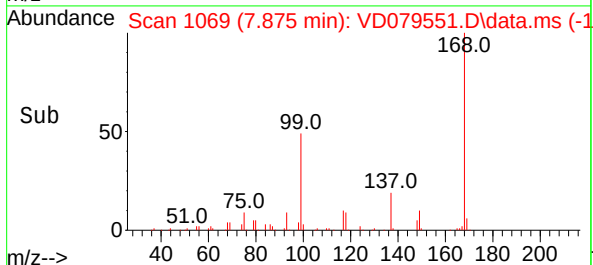
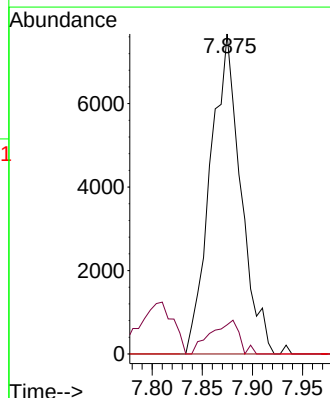
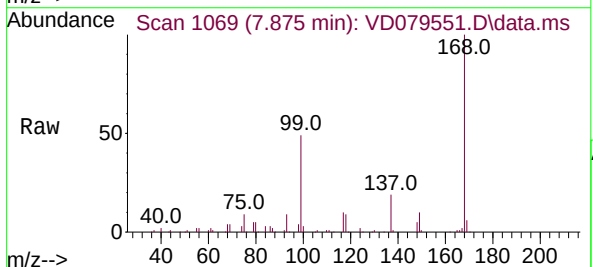
Instrument :
MSVOA_D
ClientSampleId :
RT3054

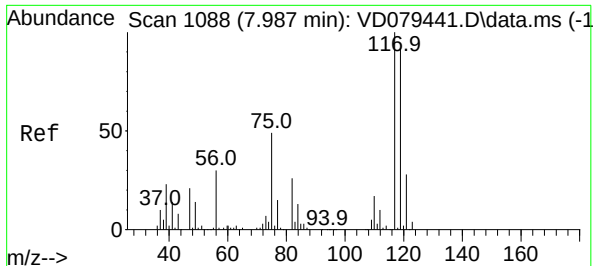
Tgt Ion:113 Resp: 111863
Ion Ratio Lower Upper
113 100
111 103.0 84.0 126.0
192 18.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

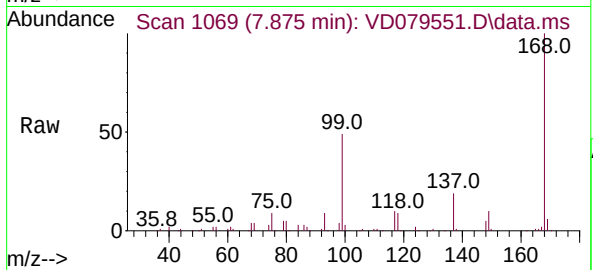
Tgt Ion: 75 Resp: 16193
Ion Ratio Lower Upper
75 100
110 9.9 19.6 58.7#
77 0.0 26.1 39.1#



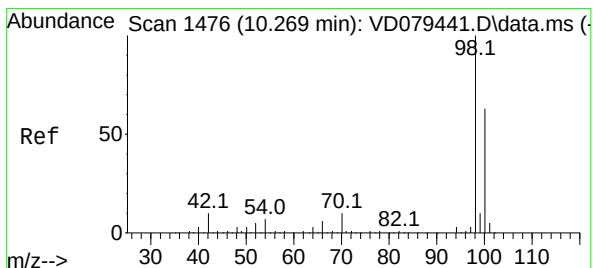
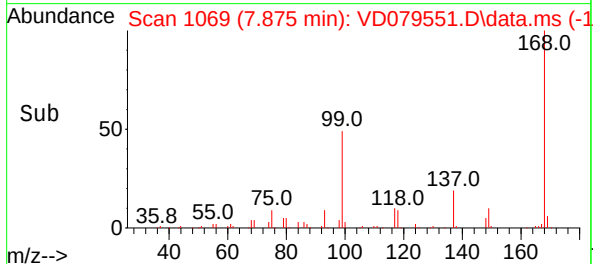
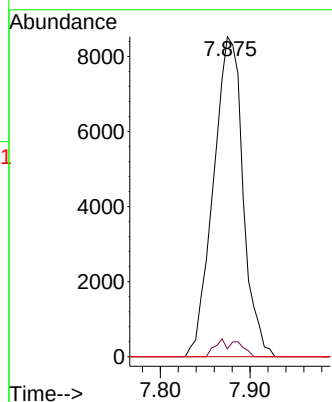


#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Instrument :
MSVOA_D
ClientSampleId :
RT3054

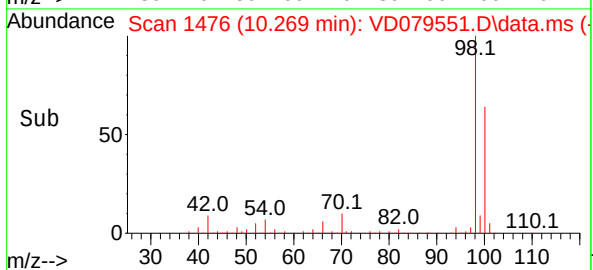
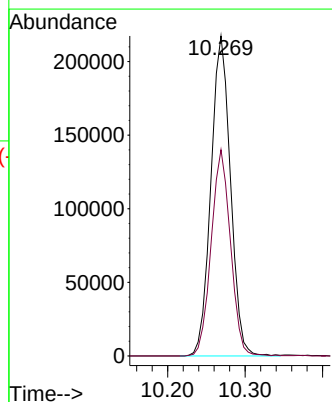
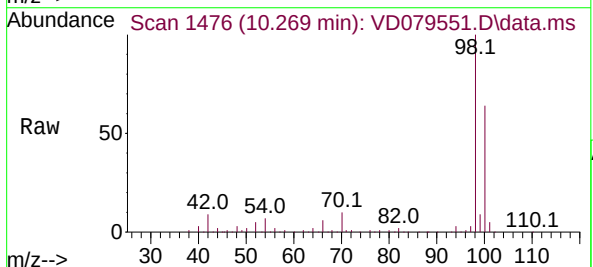


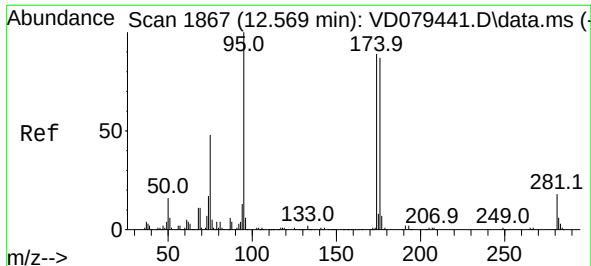
Tgt Ion:117 Resp: 19544
Ion Ratio Lower Upper
117 100
119 2.4 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 40.917 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion: 98 Resp: 380871
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 38.895 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079551.D

Acq: 02 Aug 2024 19:21

Instrument :

MSVOA_D

ClientSampleId :

RT3054

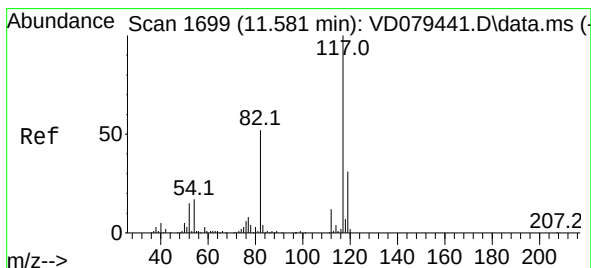
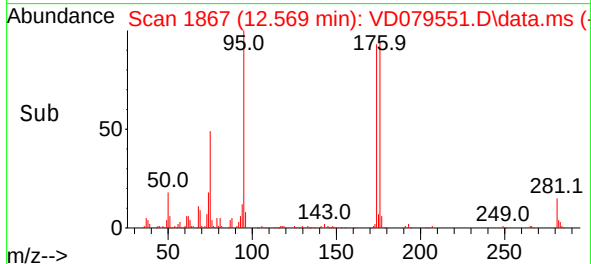
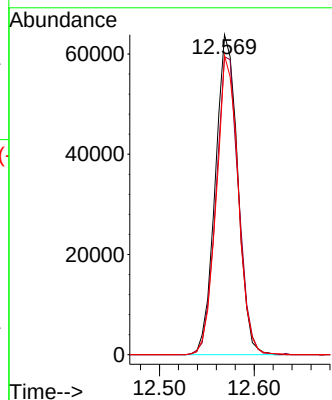
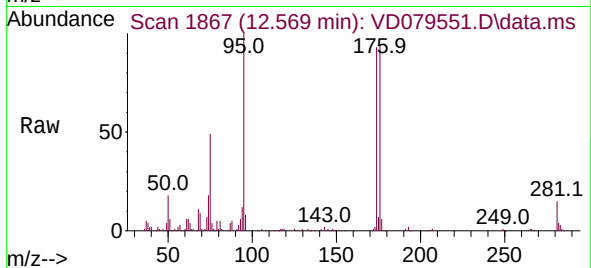
Tgt Ion: 95 Resp: 104771

Ion Ratio Lower Upper

95 100

174 93.9 0.0 195.4

176 91.4 0.0 192.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD079551.D

Acq: 02 Aug 2024 19:21

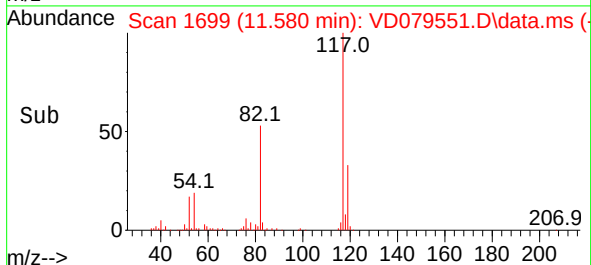
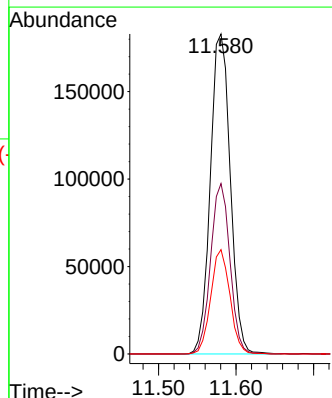
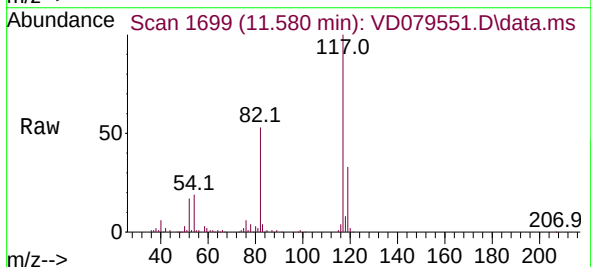
Tgt Ion: 117 Resp: 327675

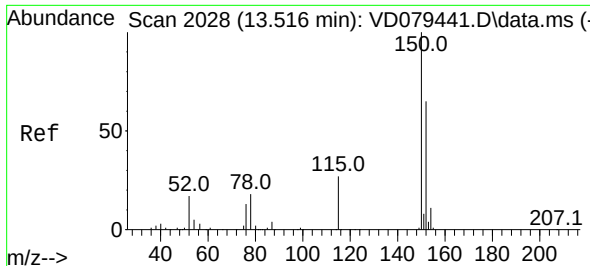
Ion Ratio Lower Upper

117 100

82 53.3 39.8 59.6

119 32.6 25.7 38.5

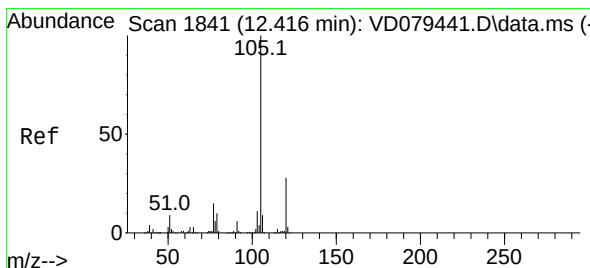
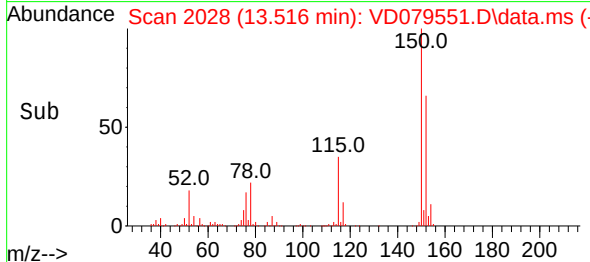
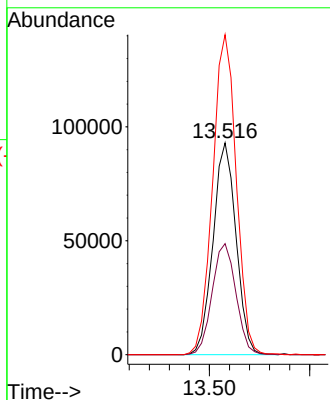
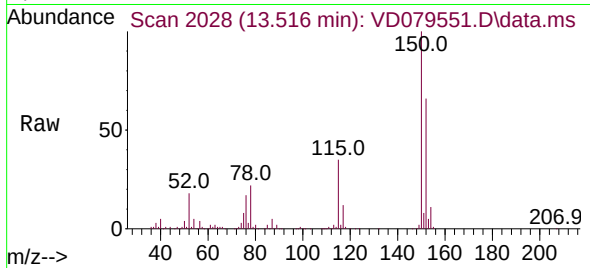




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

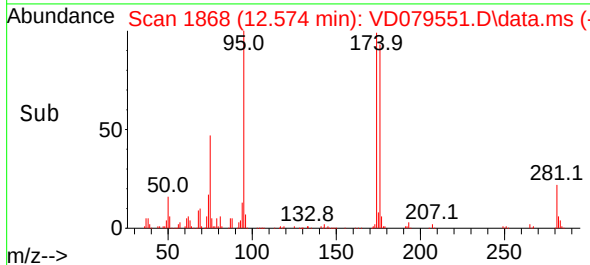
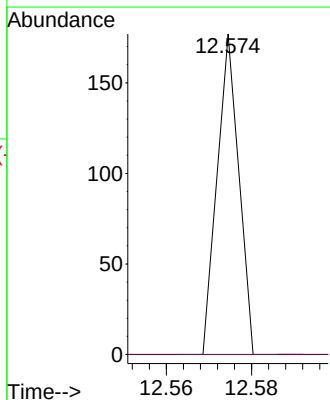
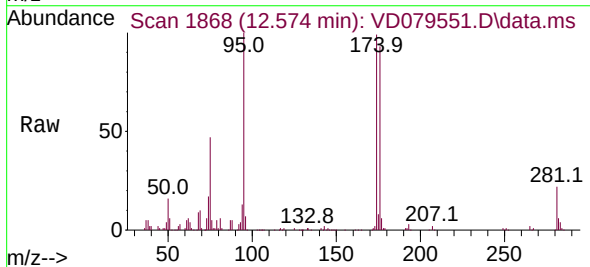
Instrument :
MSVOA_D
ClientSampleId :
RT3054

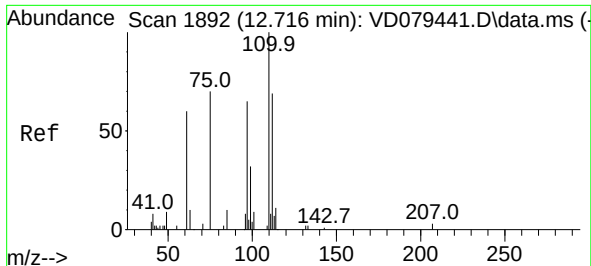
Tgt Ion:152 Resp: 148397
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 154.7 0.0 341.6



#73
Isopropylbenzene
Concen: 3.633 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.158 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion:105 Resp: 62
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

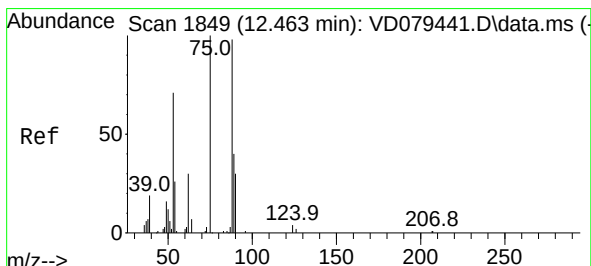
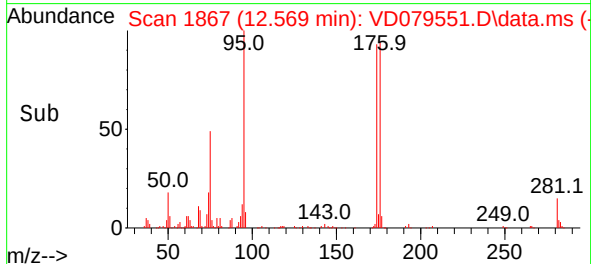
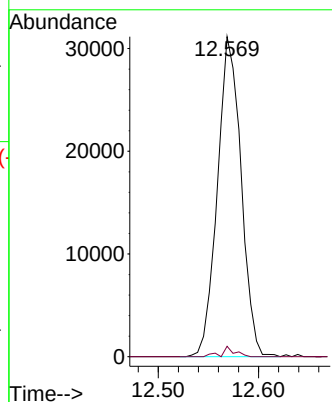
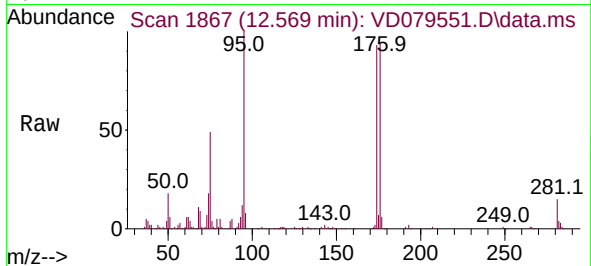




#76
1,2,3-Trichloropropane
Concen: 39.300 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

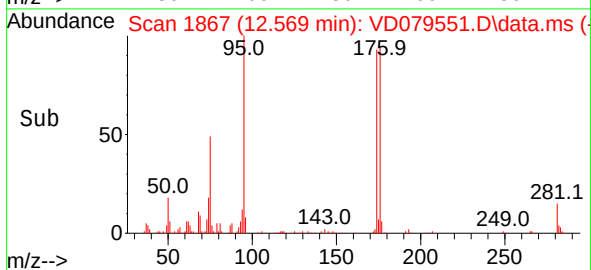
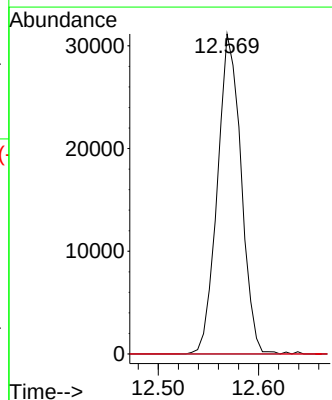
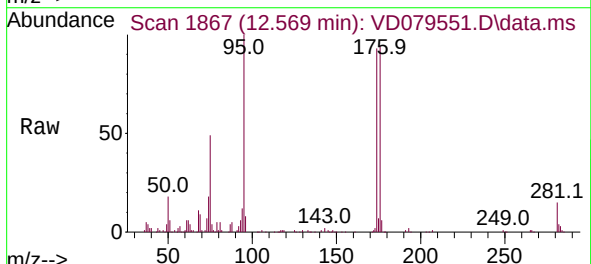
Instrument :
MSVOA_D
ClientSampleId :
RT3054

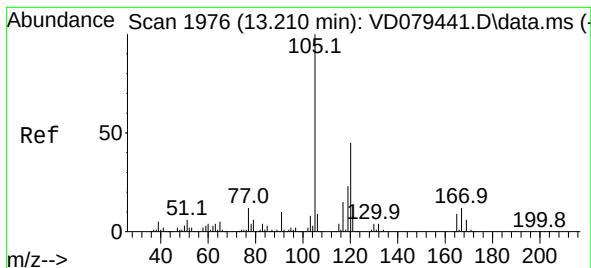
Tgt Ion: 75 Resp: 50977
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.955 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion: 75 Resp: 50977
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: 3.499 ug/l

RT: 13.204 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079551.D

Acq: 02 Aug 2024 19:21

Instrument :

MSVOA_D

ClientSampleId :

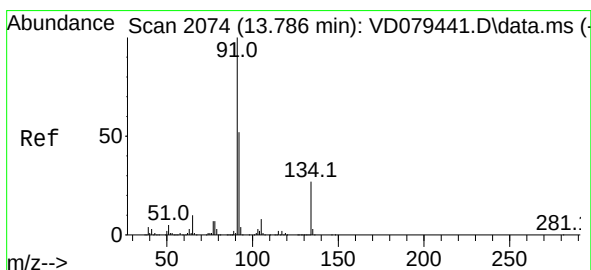
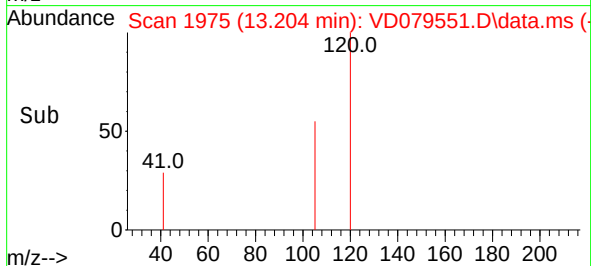
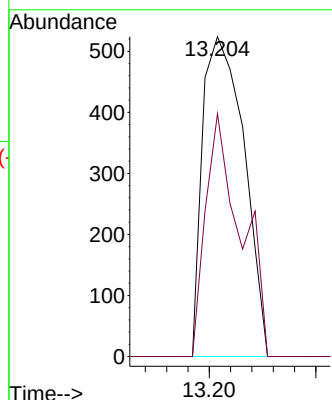
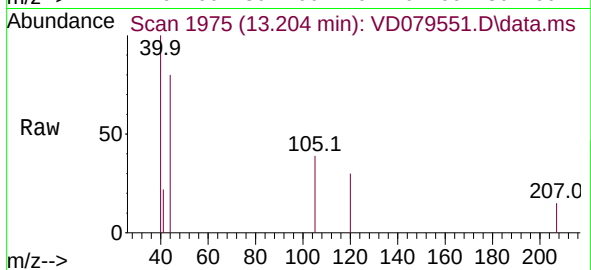
RT3054

Tgt Ion:105 Resp: 708

Ion Ratio Lower Upper

105 100

120 64.8 23.6 71.0



#89

n-Butylbenzene

Concen: 3.790 ug/l

RT: 13.774 min Scan# 2072

Delta R.T. -0.007 min

Lab File: VD079551.D

Acq: 02 Aug 2024 19:21

Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.0#

134 0.0 13.6 40.8#

