

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077012.D
 Acq On : 14 Aug 2023 20:26
 Operator : JC/SY
 Sample : 03973-13
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Aug 15 04:51:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

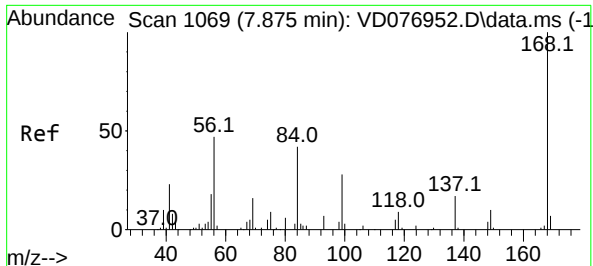
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	45222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	93897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	101042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30767	86.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.500%#	
35) Dibromofluoromethane	7.804	113	31765	62.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.860%	
50) Toluene-d8	10.269	98	104618	64.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.040%	
62) 4-Bromofluorobenzene	12.575	95	33594	59.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	300	Below Cal	#	32
20) Methylene Chloride	4.787	84	3469	Below Cal		94
31) Cyclohexane	7.863	56	895	Below Cal	#	66
36) 1,1-Dichloropropene	7.875	75	3567	5.714	ug/l #	45
38) Carbon Tetrachloride	7.875	117	4317	6.462	ug/l #	11
51) 4-Methyl-2-Pentanone	10.269	43	369	1.235	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	17299	38.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17299	90.038	ug/l #	17

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

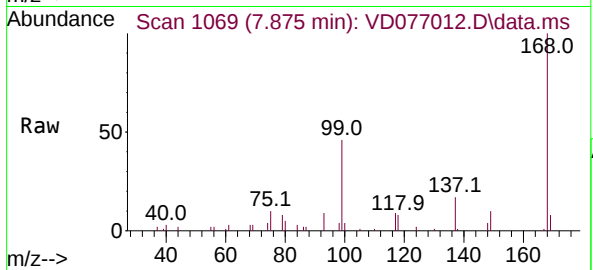
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Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 2023
Response via : Initial Calibration



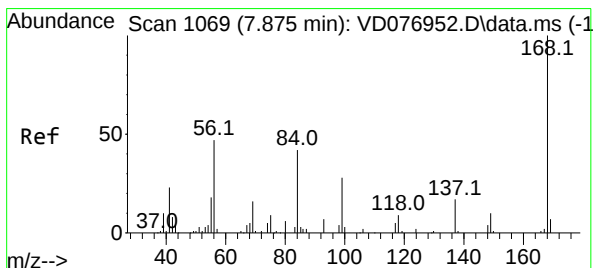
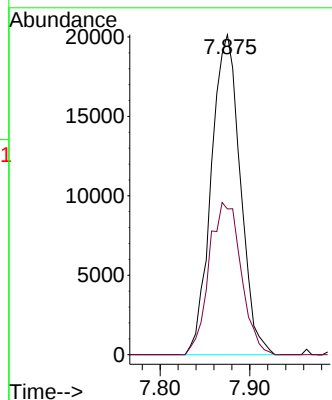
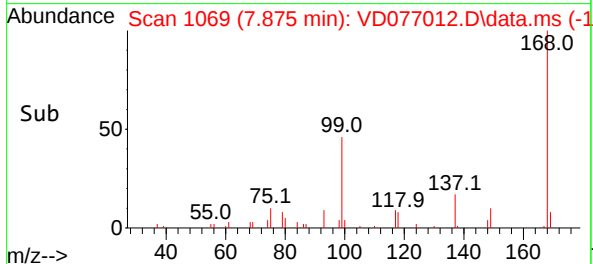


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

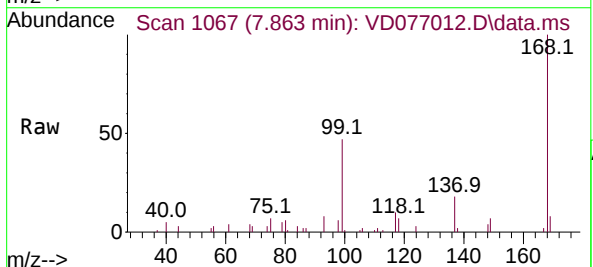
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0



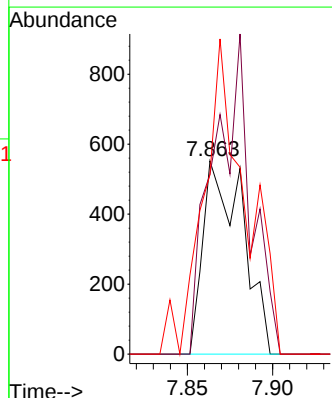
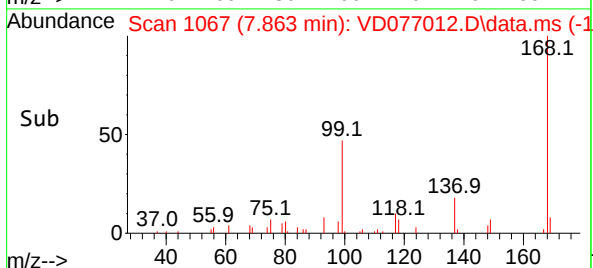
Tgt Ion:168 Resp: 45222
Ion Ratio Lower Upper
168 100
99 45.6 36.7 55.1

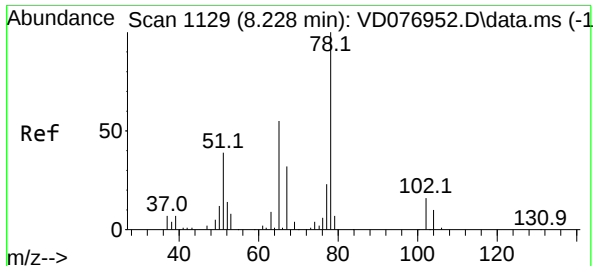


#31
Cyclohexane
Concen: Below Cal
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26



Tgt Ion: 56 Resp: 895
Ion Ratio Lower Upper
56 100
69 93.1 28.6 43.0#
84 92.9 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 86.245 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077012.D

Acq: 14 Aug 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :

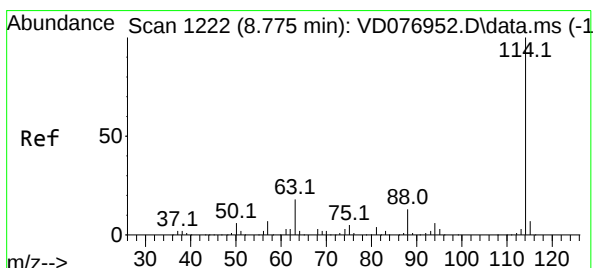
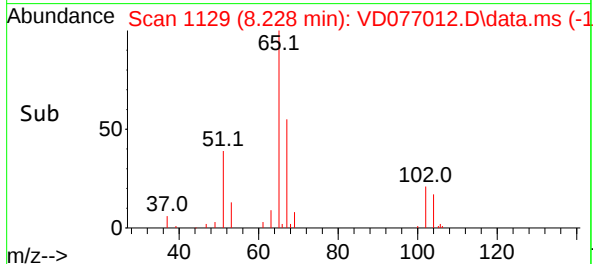
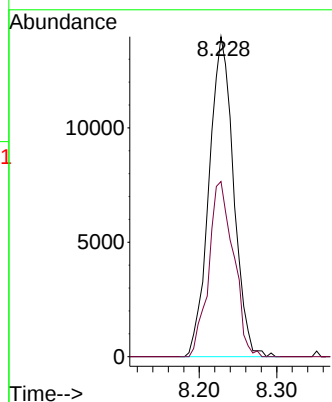
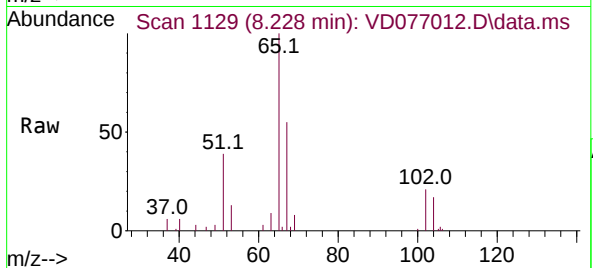
SB-07-9.5-10.0

Tgt Ion: 65 Resp: 30767

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077012.D

Acq: 14 Aug 2023 20:26

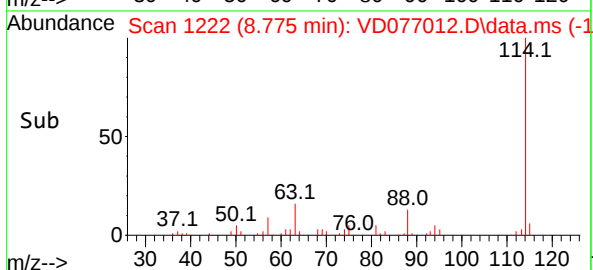
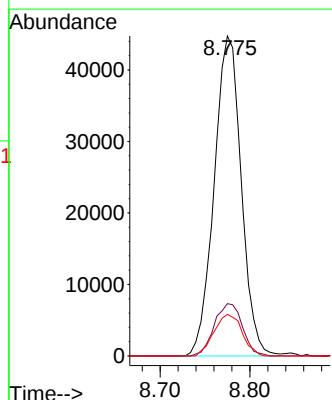
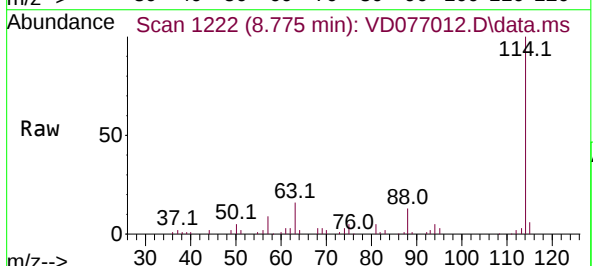
Tgt Ion: 114 Resp: 93897

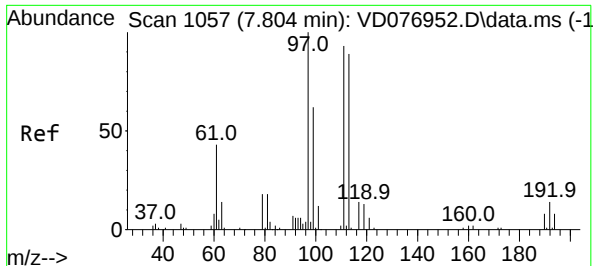
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 62.926 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077012.D

Acq: 14 Aug 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :

SB-07-9.5-10.0

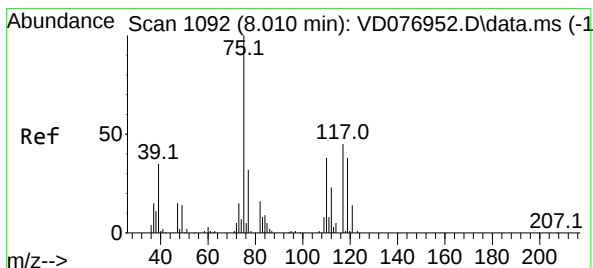
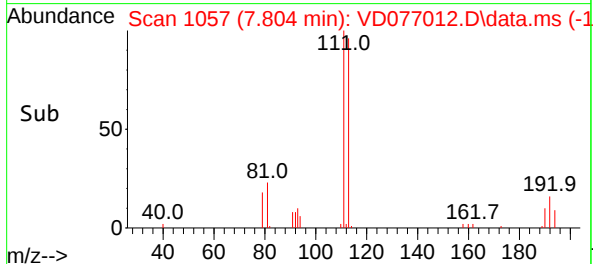
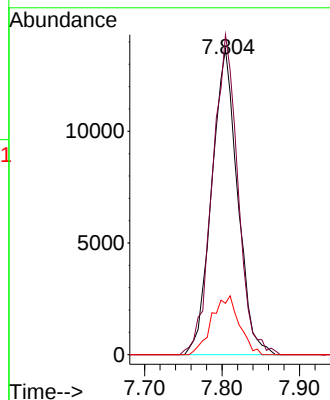
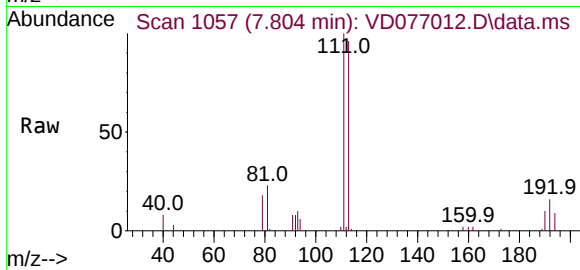
Tgt Ion:113 Resp: 31765

Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 20.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.714 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077012.D

Acq: 14 Aug 2023 20:26

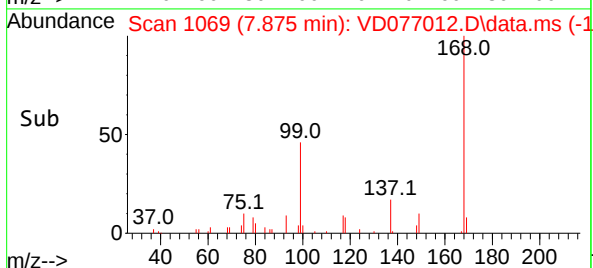
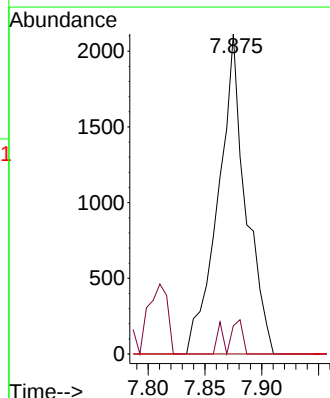
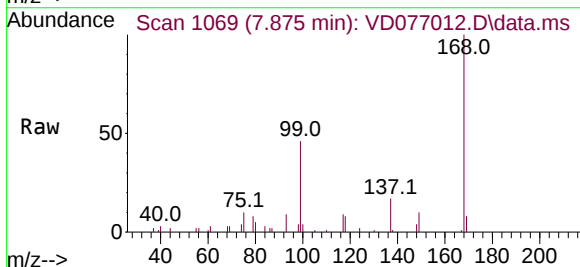
Tgt Ion: 75 Resp: 3567

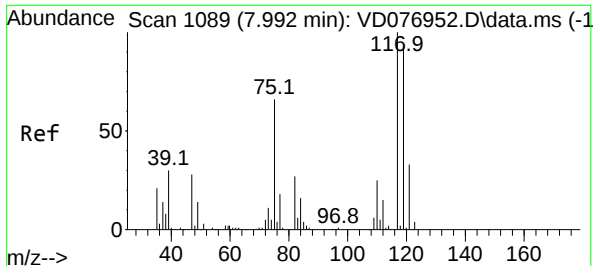
Ion Ratio Lower Upper

75 100

110 6.2 19.9 59.6#

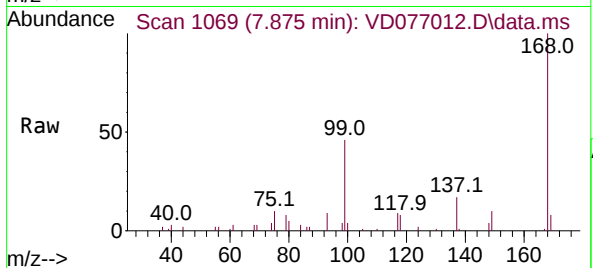
77 0.0 24.7 37.1#



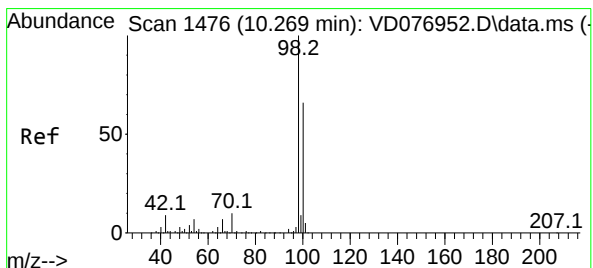
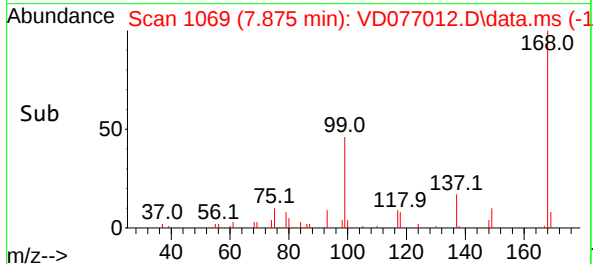
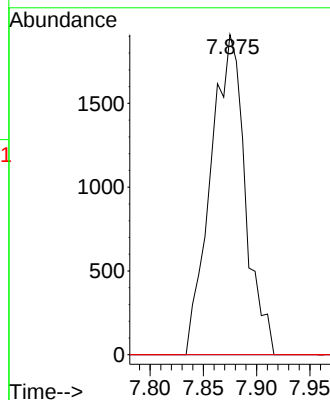


#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

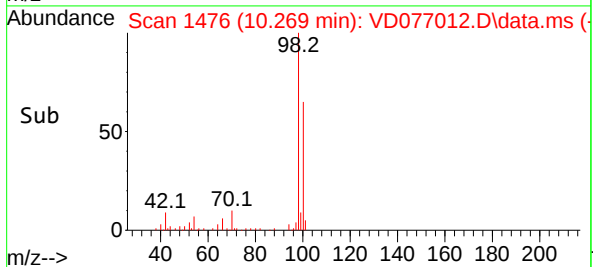
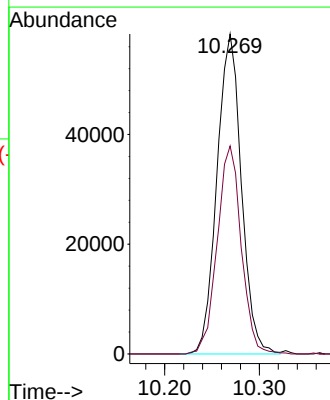
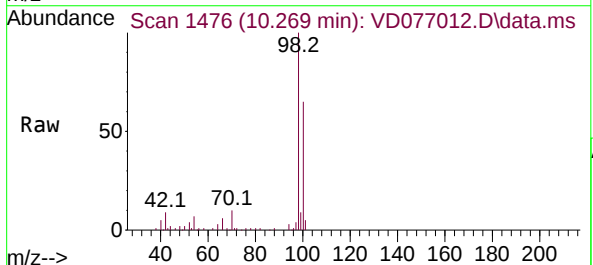


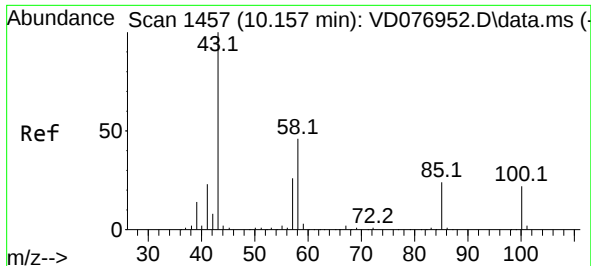
Tgt Ion:117 Resp: 4317
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 64.525 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

Tgt Ion: 98 Resp: 104618
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5

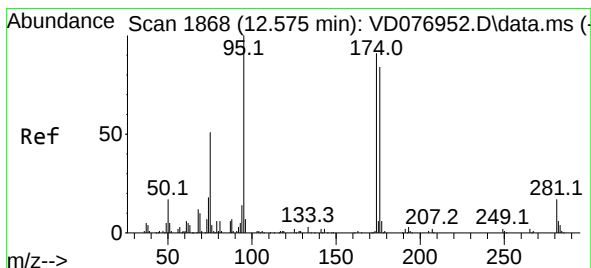
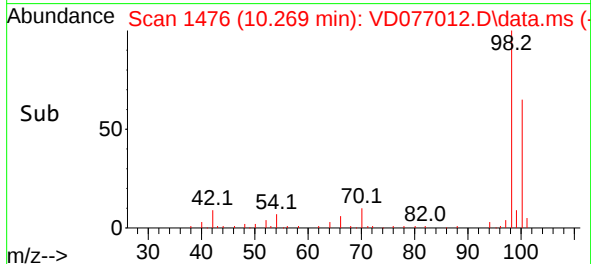
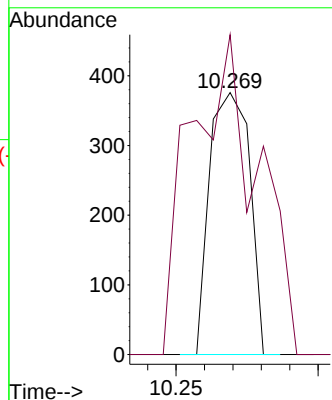
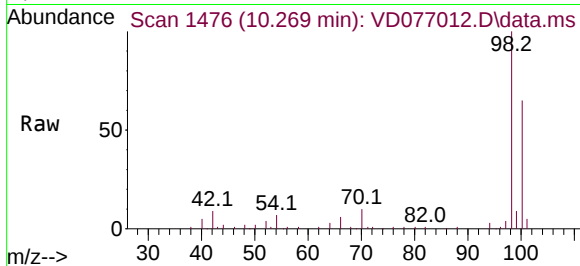




#51
4-Methyl-2-Pentanone
Concen: 1.235 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

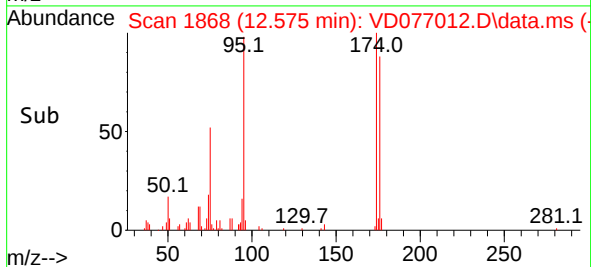
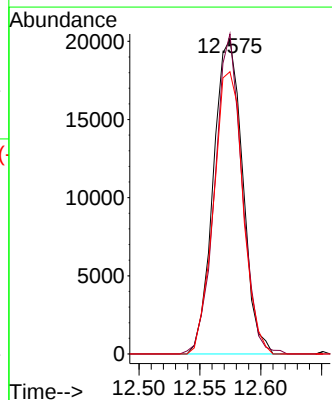
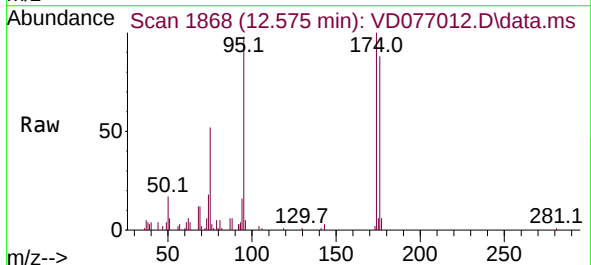
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ClientSampleId :
SB-07-9.5-10.0

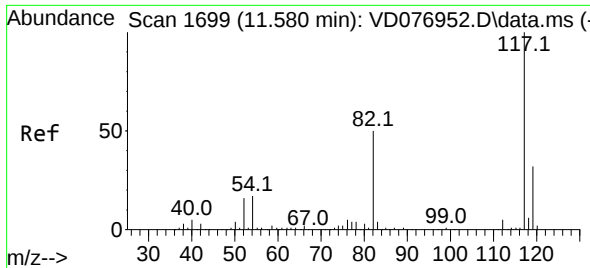
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 204.9 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 59.268 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

Tgt Ion: 95 Resp: 33594
Ion Ratio Lower Upper
95 100
174 94.4 0.0 201.8
176 90.5 0.0 191.8

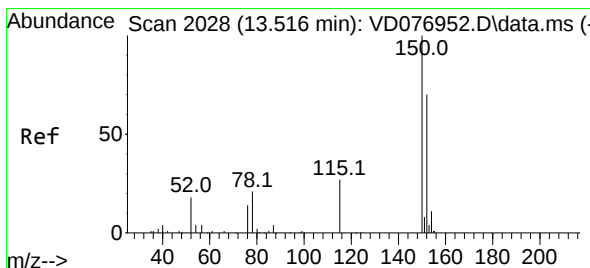
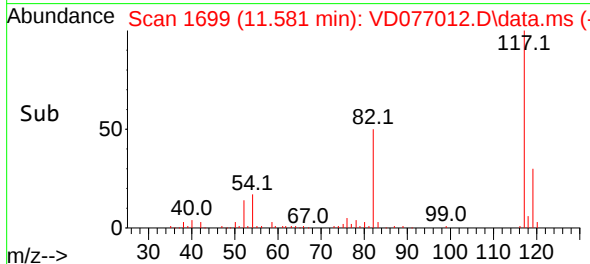
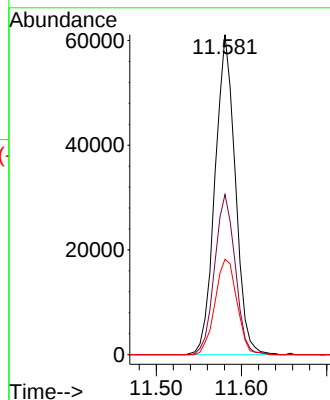
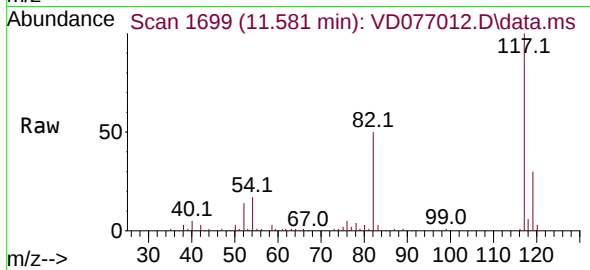




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

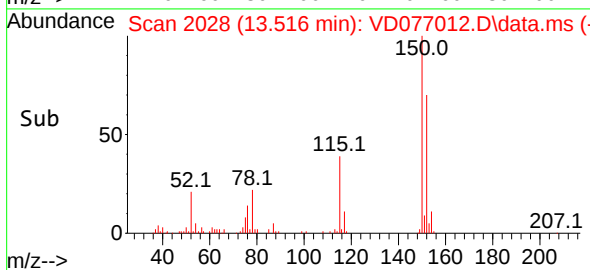
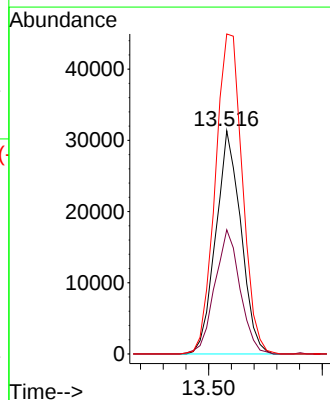
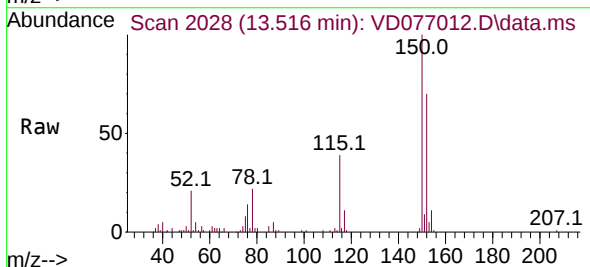
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

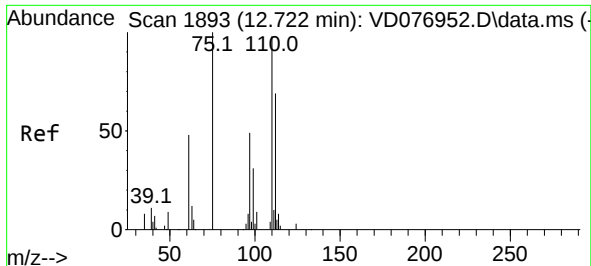
Tgt Ion:117 Resp: 101042
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 29.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

Tgt Ion:152 Resp: 48118
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 154.7 0.0 353.6

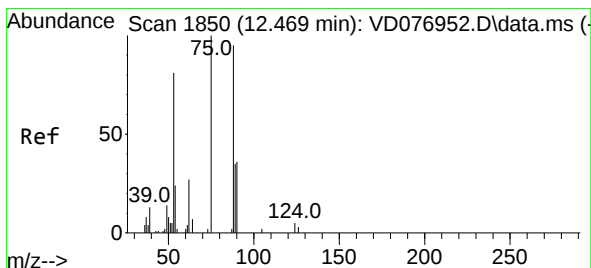
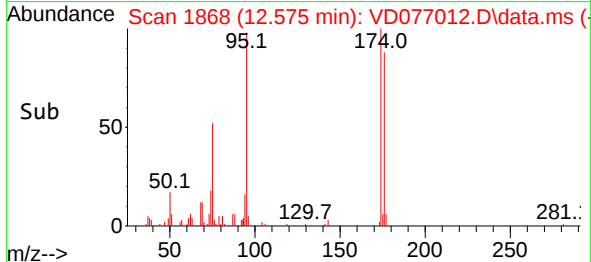
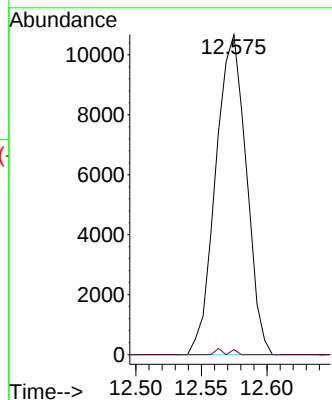
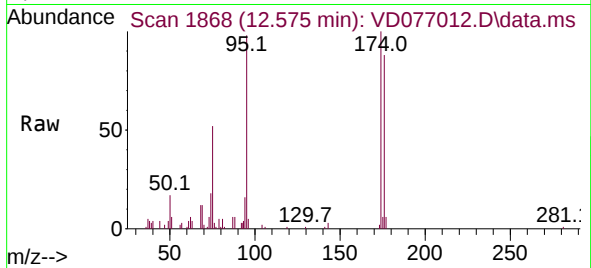




#76
1,2,3-Trichloropropane
Concen: 38.323 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

Tgt Ion: 75 Resp: 17299
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.038 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077012.D
Acq: 14 Aug 2023 20:26

Tgt Ion: 75 Resp: 17299
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

