

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076125.D
 Acq On : 17 May 2023 16:15
 Operator : KP/SY
 Sample : 02811-01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11995

Quant Time: May 18 05:21:49 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

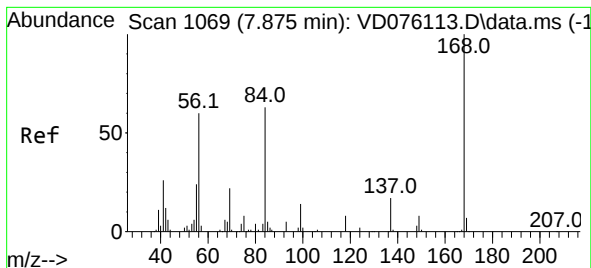
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	159352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	306404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	67897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109779	71.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.560%	
35) Dibromofluoromethane	7.805	113	134980	63.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.460%	
50) Toluene-d8	10.269	98	377894	45.771	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.540%	
62) 4-Bromofluorobenzene	12.575	95	83699	36.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	675	Below Cal		91
16) Acetone	4.022	43	1169	3.815	ug/l	90
17) Carbon Disulfide	4.270	76	128	Below Cal	#	73
20) Methylene Chloride	4.793	84	13741	Below Cal	#	75
31) Cyclohexane	7.869	56	4111	1.743	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	12533	4.382	ug/l #	49
38) Carbon Tetrachloride	7.875	117	14399	5.573	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	1266	1.287	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41523	69.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41523	146.609	ug/l #	5

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

Quant Time: May 18 05:21:49 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: VD076125.D

Acq: 17 May 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :

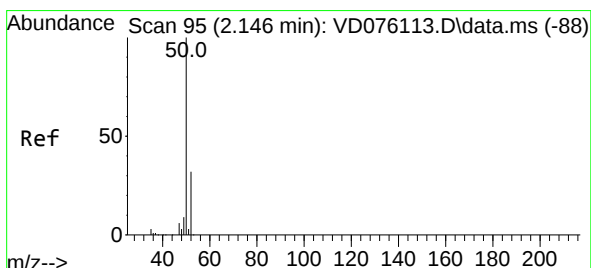
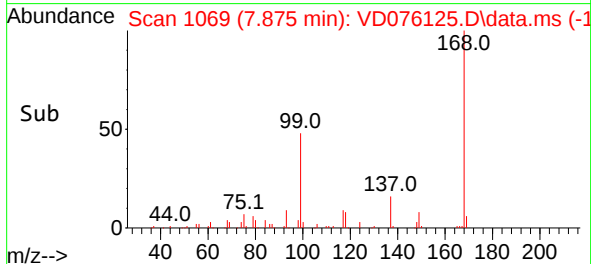
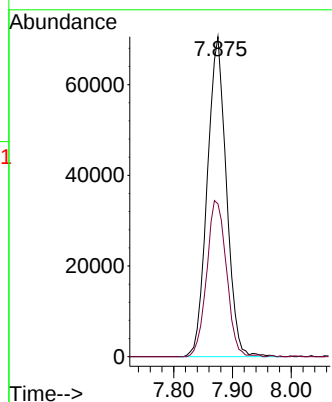
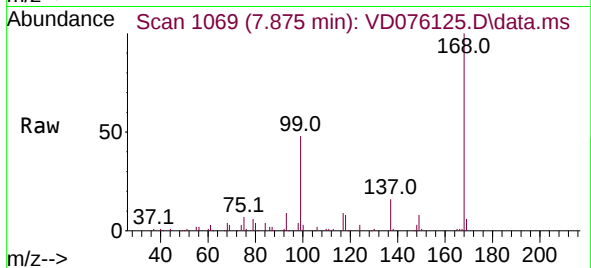
72-11995

Tgt Ion:168 Resp: 159352

Ion Ratio Lower Upper

168 100

99 47.8 43.8 65.6



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076125.D

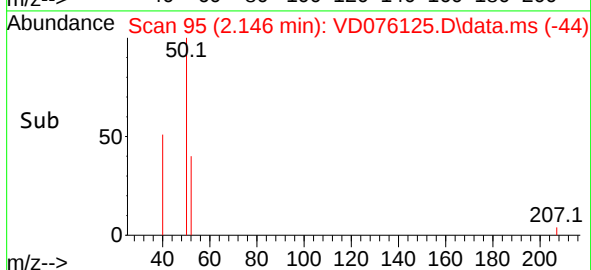
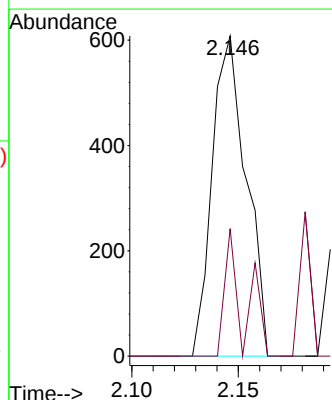
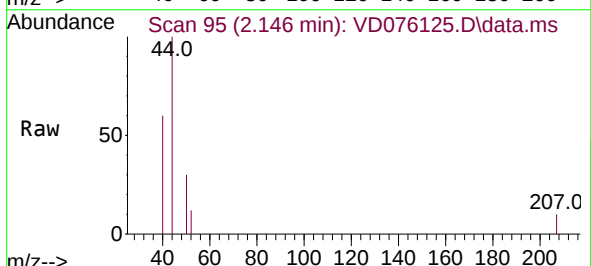
Acq: 17 May 2023 16:15

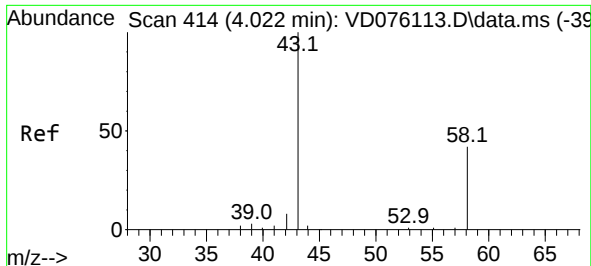
Tgt Ion: 50 Resp: 675

Ion Ratio Lower Upper

50 100

52 39.8 27.8 41.8

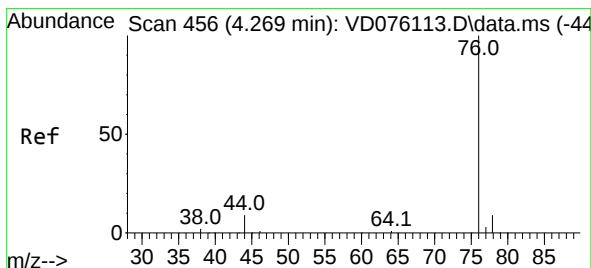
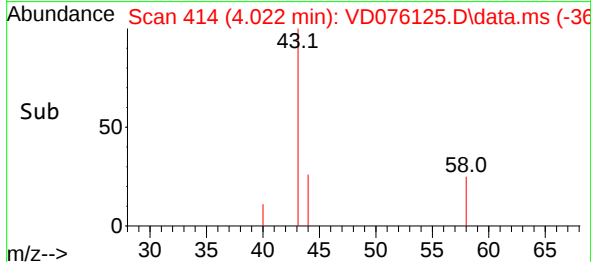
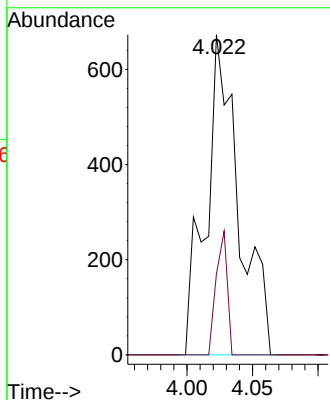
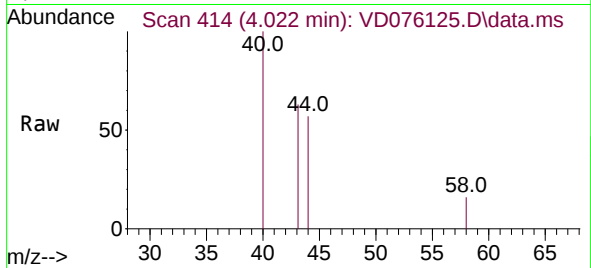




#16
Acetone
Concen: 3.815 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

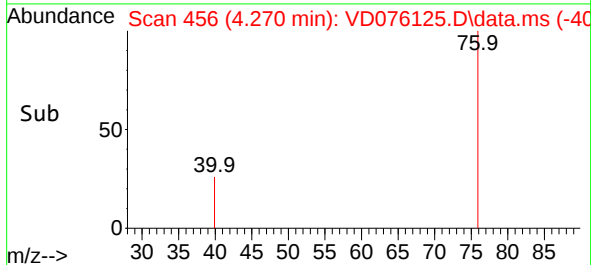
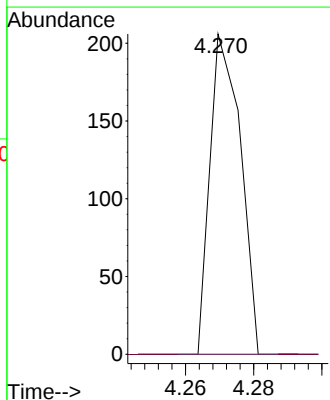
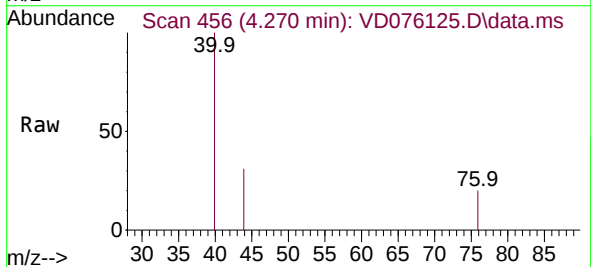
Instrument :
MSVOA_D
ClientSampleId :
72-11995

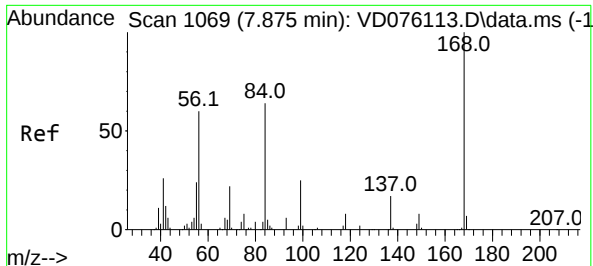
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 25.3 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.270 min Scan# 456
Delta R.T. 0.001 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

Tgt Ion: 76 Resp: 128
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

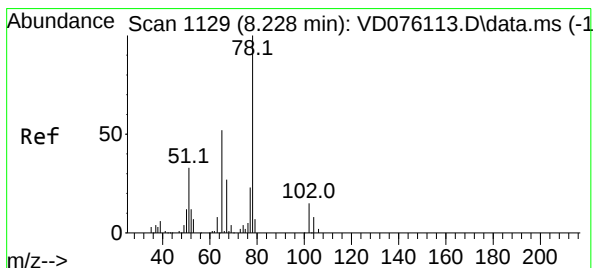
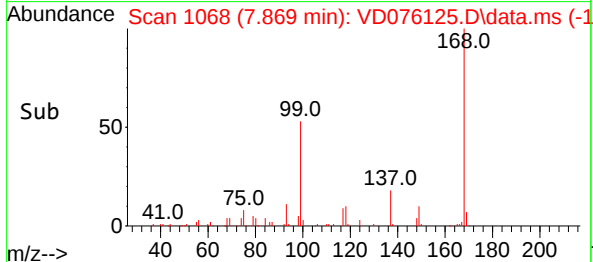
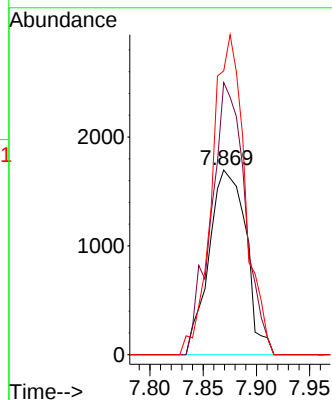
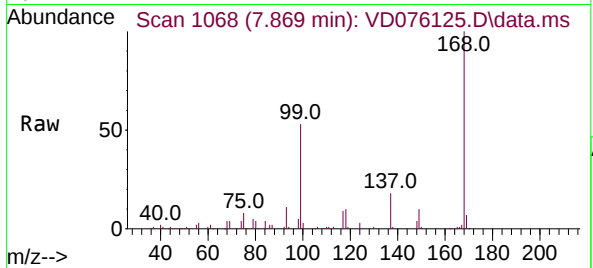




#31
Cyclohexane
Concen: 1.743 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

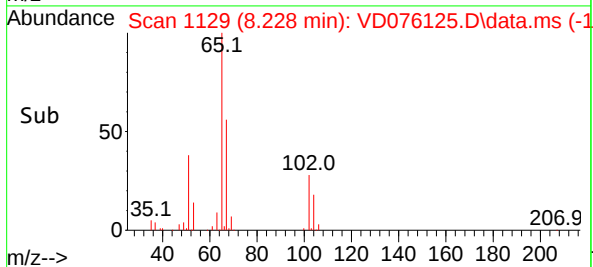
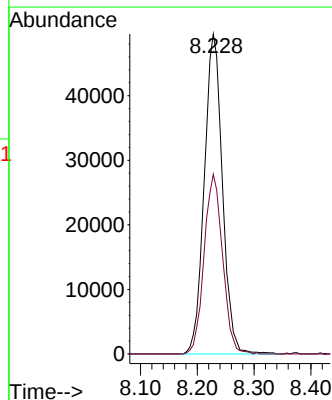
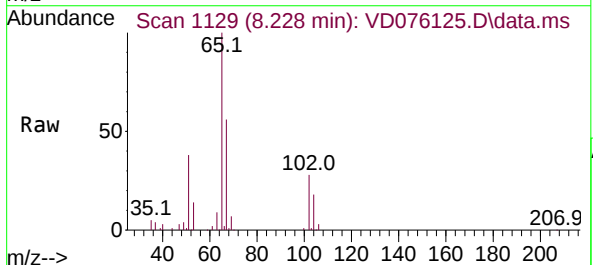
Instrument :
MSVOA_D
ClientSampleId :
72-11995

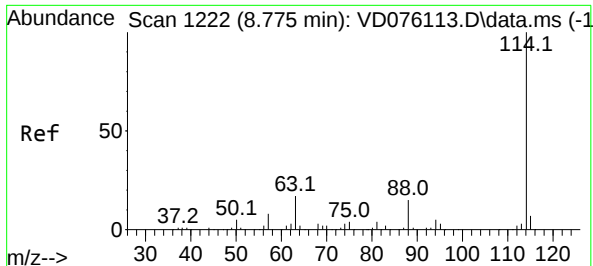
Tgt Ion: 56 Resp: 4111
Ion Ratio Lower Upper
56 100
69 147.3 25.5 38.3#
84 153.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 71.281 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

Tgt Ion: 65 Resp: 109779
Ion Ratio Lower Upper
65 100
67 57.1 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: VD076125.D

Acq: 17 May 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :

72-11995

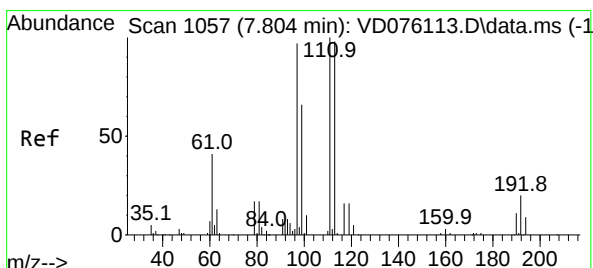
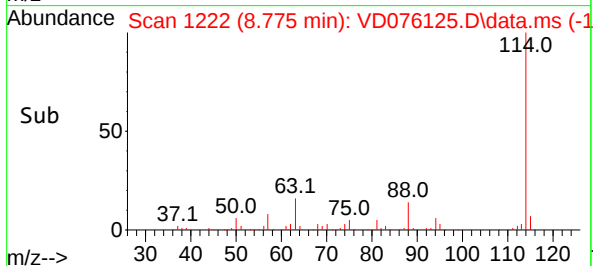
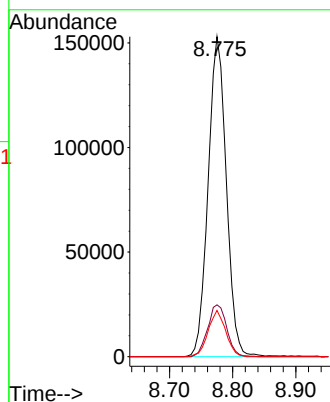
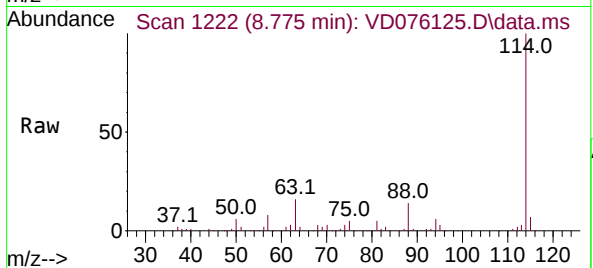
Tgt Ion:114 Resp: 306404

Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 63.732 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076125.D

Acq: 17 May 2023 16:15

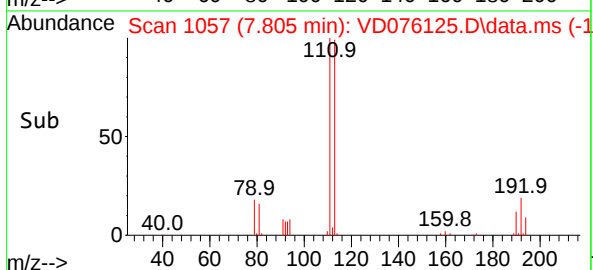
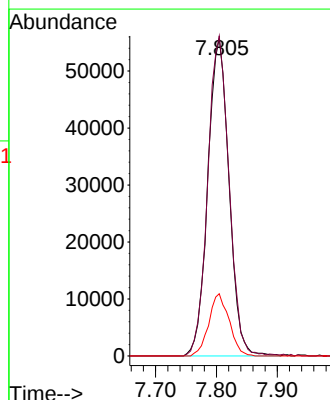
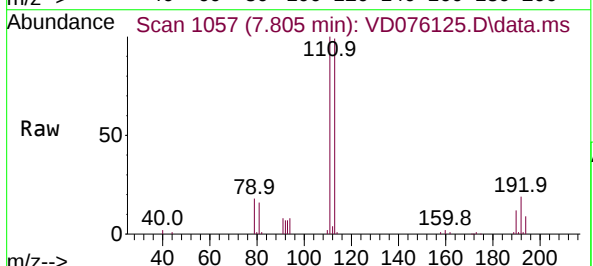
Tgt Ion:113 Resp: 134980

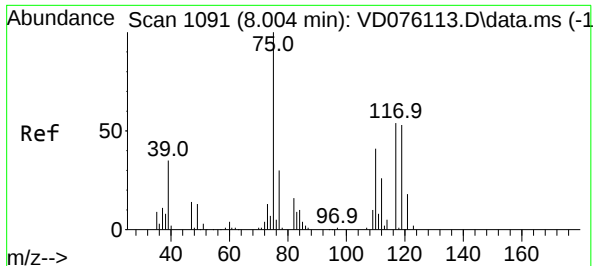
Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 18.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.382 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076125.D

Acq: 17 May 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :

72-11995

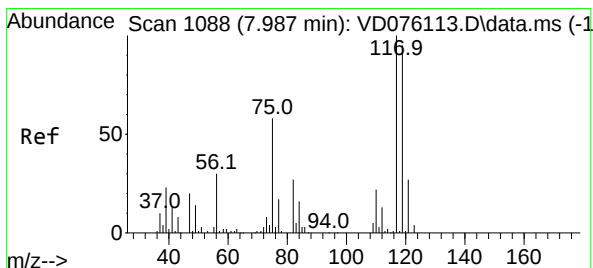
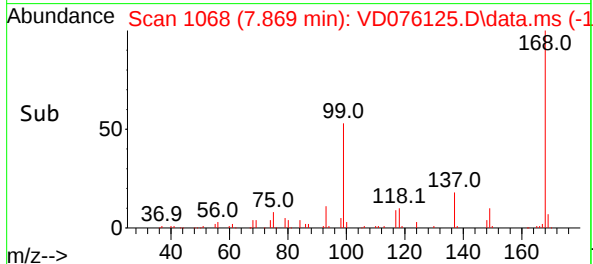
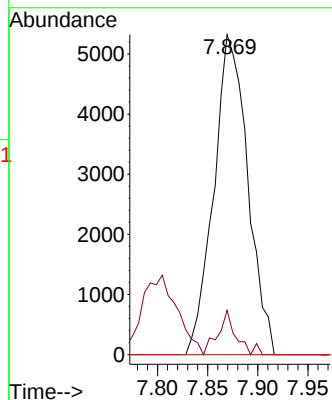
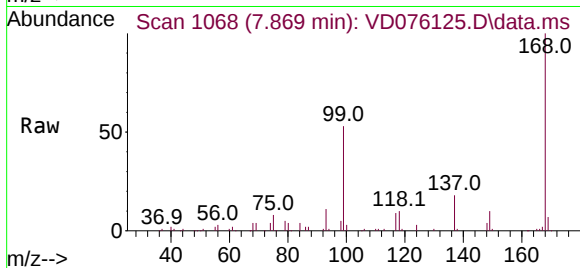
Tgt Ion: 75 Resp: 12533

Ion Ratio Lower Upper

75 100

110 7.4 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.573 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076125.D

Acq: 17 May 2023 16:15

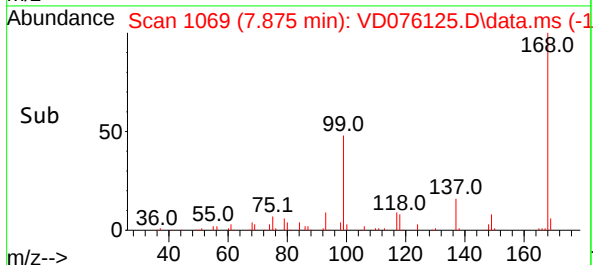
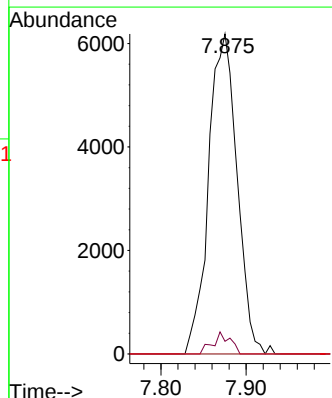
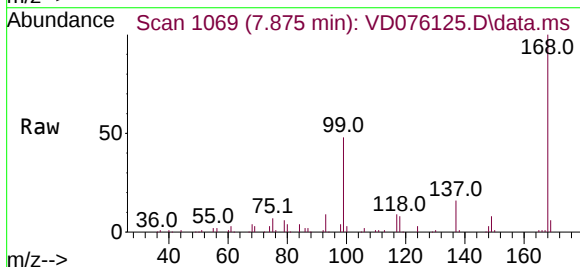
Tgt Ion: 117 Resp: 14399

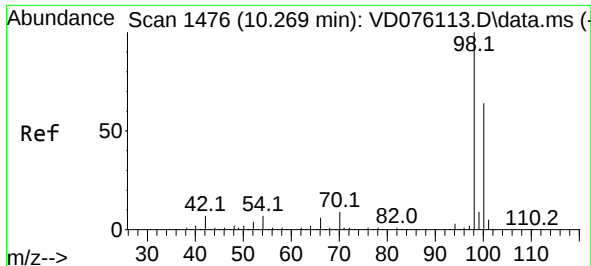
Ion Ratio Lower Upper

117 100

119 3.9 74.7 112.1#

121 0.0 25.9 38.9#

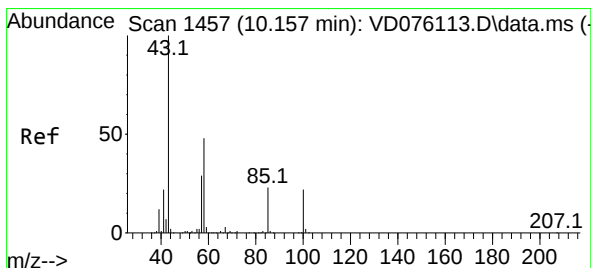
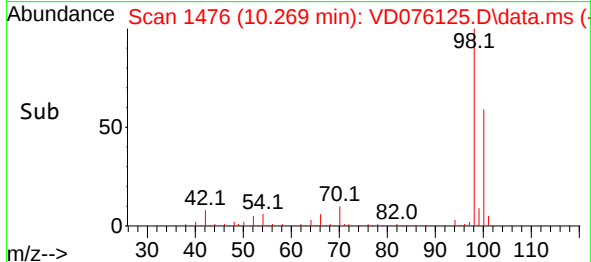
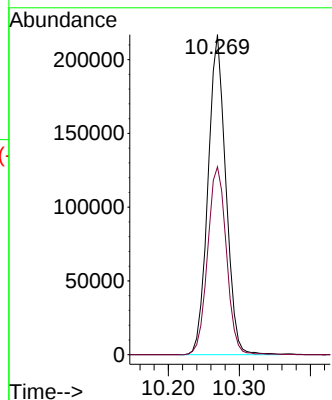
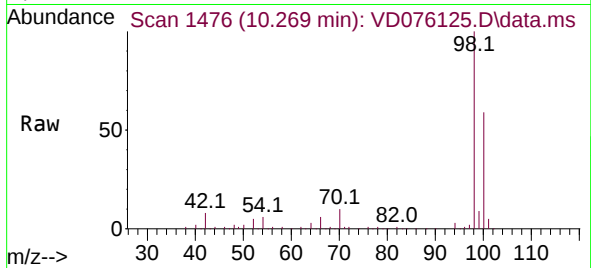




#50
Toluene-d8
Concen: 45.771 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

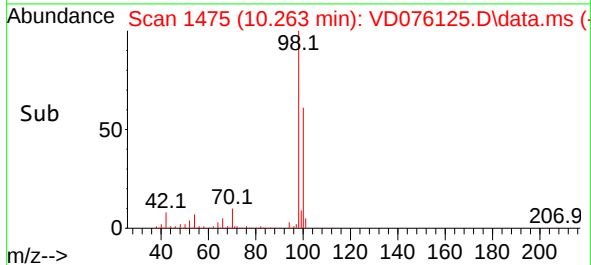
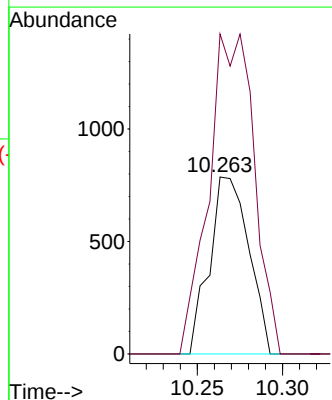
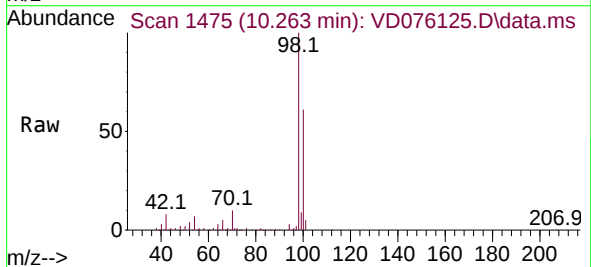
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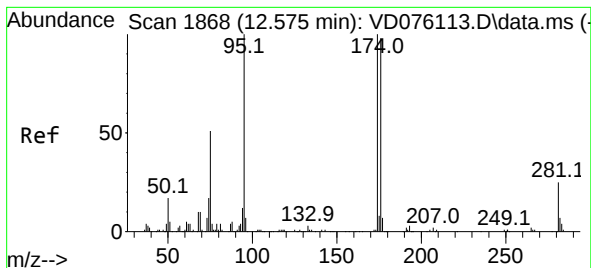
Tgt Ion: 98 Resp: 377894
Ion Ratio Lower Upper
98 100
100 61.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.287 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 208.8 29.5 44.3#

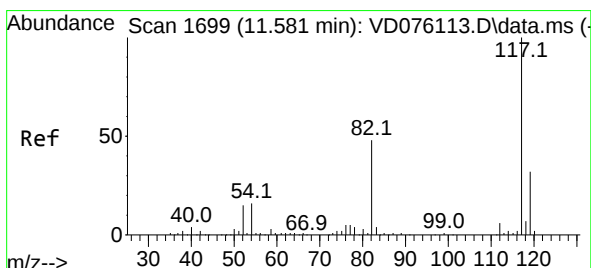
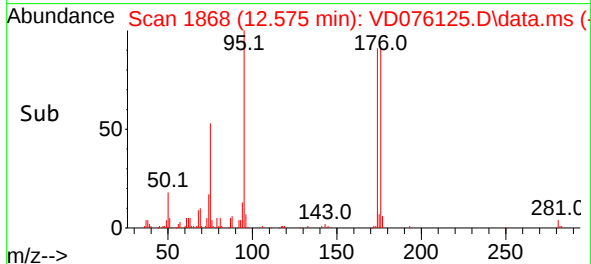
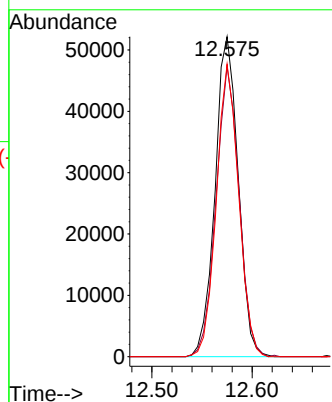
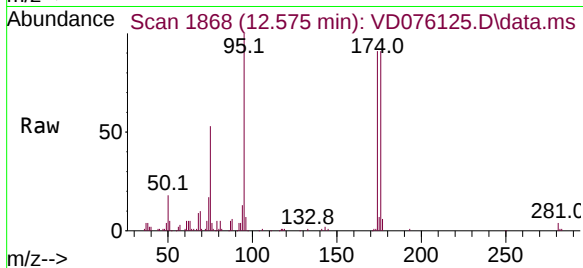




#62
4-Bromofluorobenzene
Concen: 36.495 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

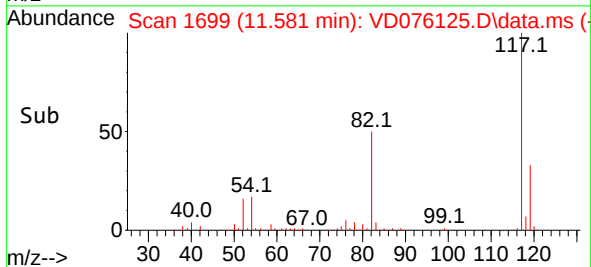
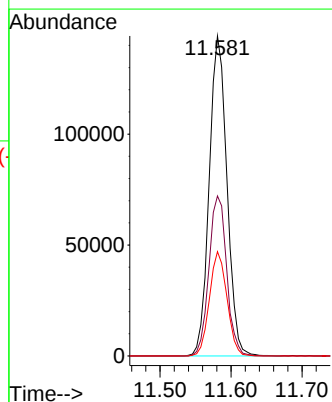
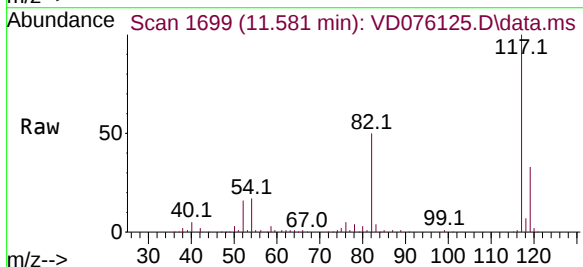
Instrument :
MSVOA_D
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72-11995

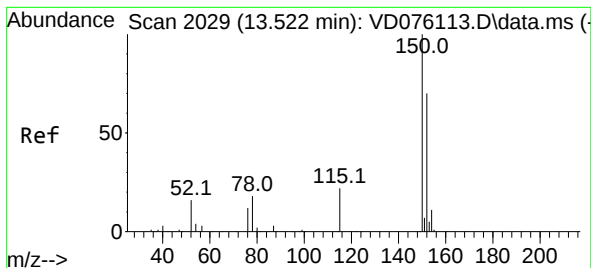
Tgt Ion: 95 Resp: 83699
Ion Ratio Lower Upper
95 100
174 89.9 0.0 164.0
176 88.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076125.D
Acq: 17 May 2023 16:15

Tgt Ion: 117 Resp: 250373
Ion Ratio Lower Upper
117 100
82 50.0 44.0 66.0
119 32.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076125.D

Acq: 17 May 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :

72-11995

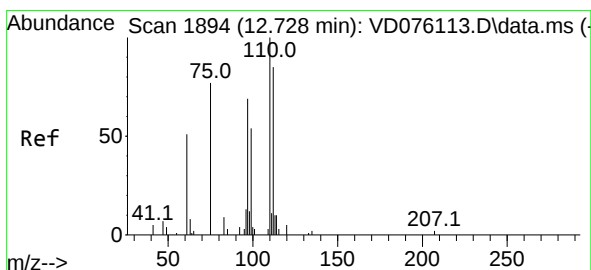
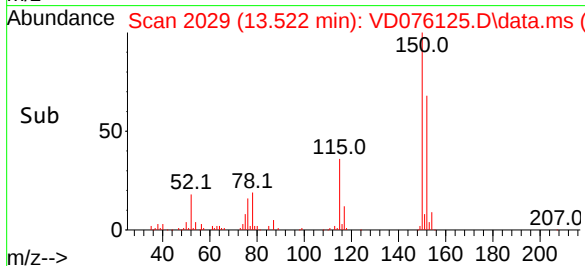
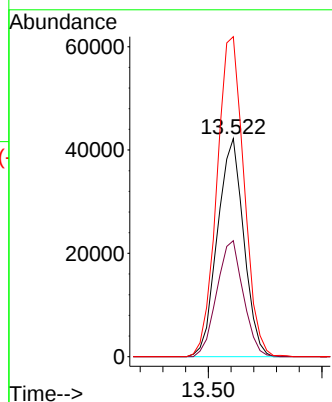
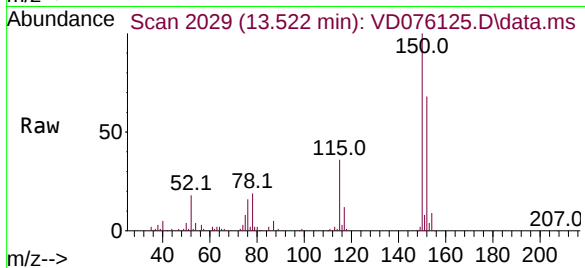
Tgt Ion:152 Resp: 67897

Ion Ratio Lower Upper

152 100

115 53.5 30.1 90.3

150 151.1 0.0 364.8



#76

1,2,3-Trichloropropane

Concen: 69.886 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD076125.D

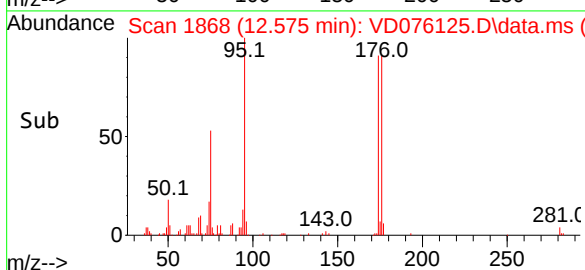
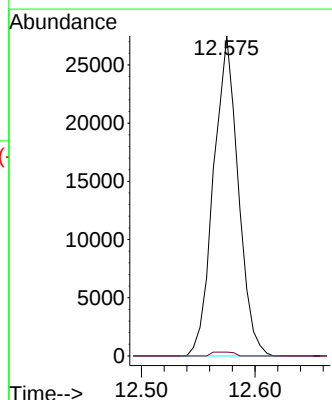
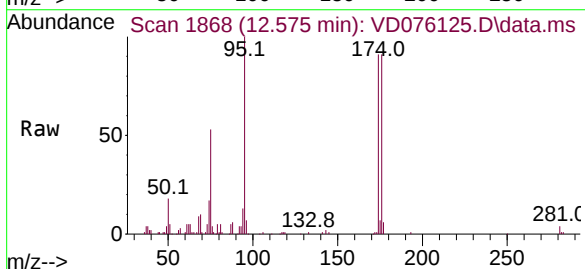
Acq: 17 May 2023 16:15

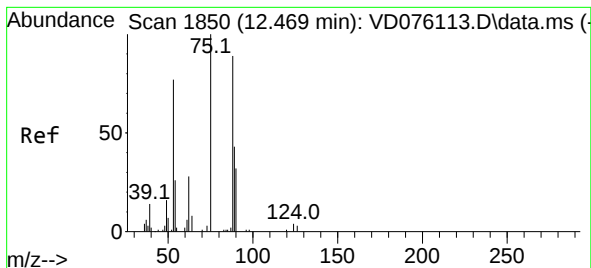
Tgt Ion: 75 Resp: 41523

Ion Ratio Lower Upper

75 100

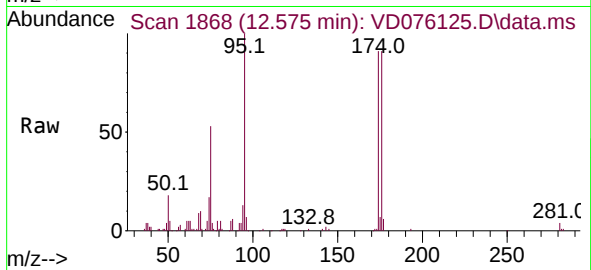
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.609 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076125.D
 Acq: 17 May 2023 16:15

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11995



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

