

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076289.D
 Acq On : 31 May 2023 16:39
 Operator : KP/SY
 Sample : 02971-05
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB12

Quant Time: May 31 17:22:43 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)

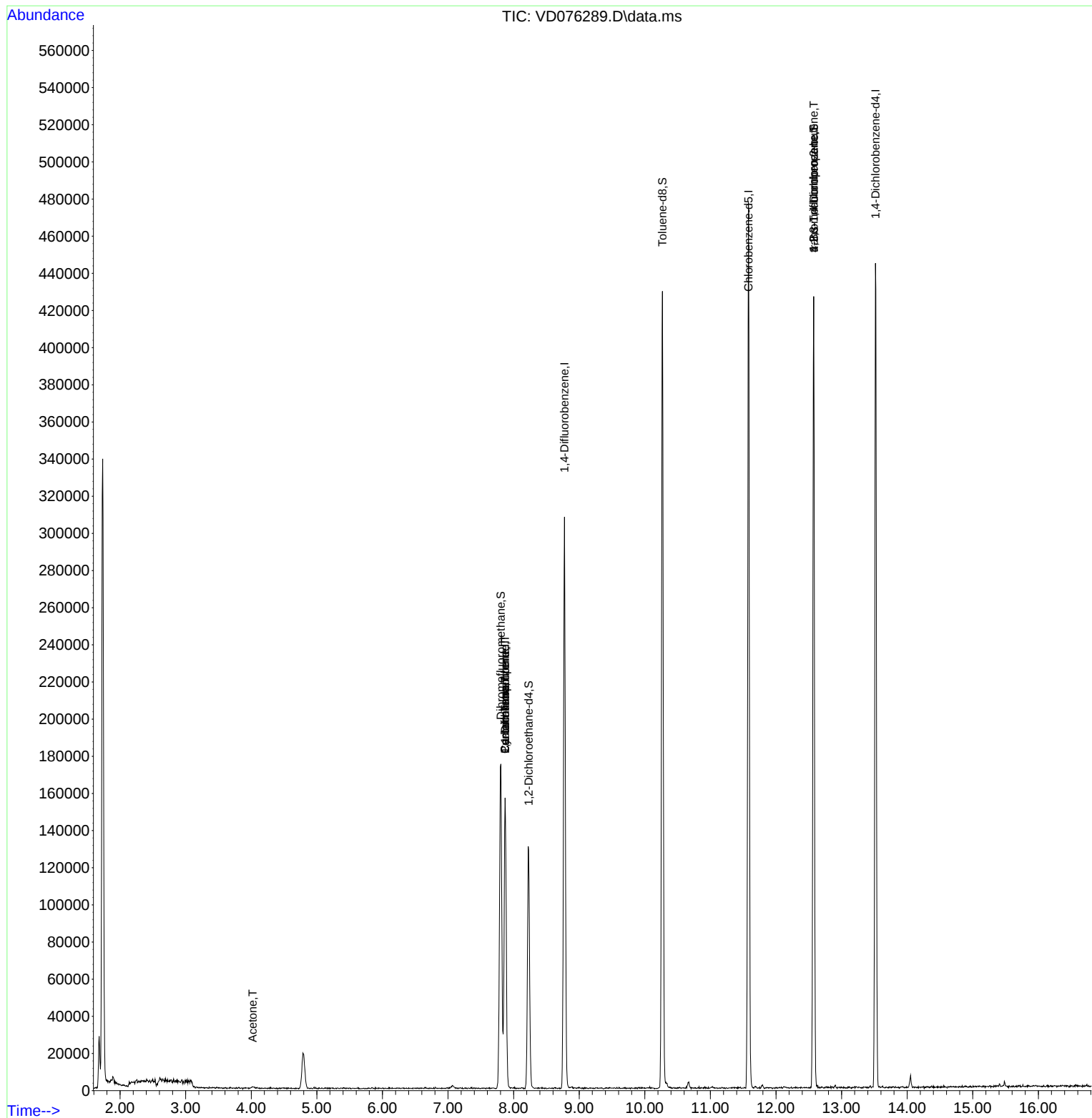
Internal Standards						
1) Pentafluorobenzene	7.869	168	128204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	281622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97303	78.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.060%	
35) Dibromofluoromethane	7.805	113	129868	66.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.420%	
50) Toluene-d8	10.269	98	320717	42.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.520%	
62) 4-Bromofluorobenzene	12.575	95	127664	60.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 121.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	452	Below Cal	#	78
16) Acetone	4.022	43	1666	6.758	ug/l	91
17) Carbon Disulfide	4.269	76	91	Below Cal	#	73
31) Cyclohexane	7.869	56	2961	1.560	ug/l	# 1
36) 1,1-Dichloropropene	7.869	75	10091	3.838	ug/l	# 48
38) Carbon Tetrachloride	7.869	117	11602	4.886	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	65471	57.278	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	65471	120.159	ug/l	# 5

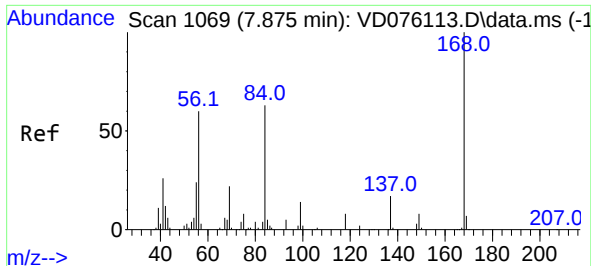
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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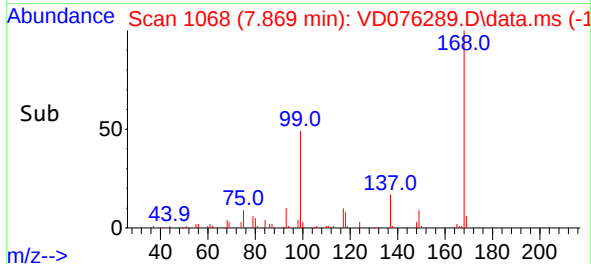
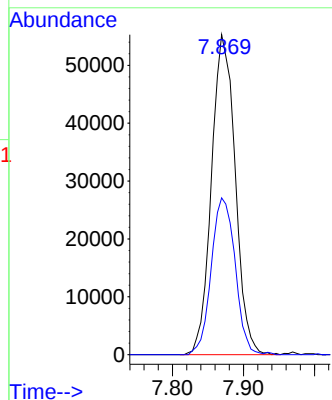
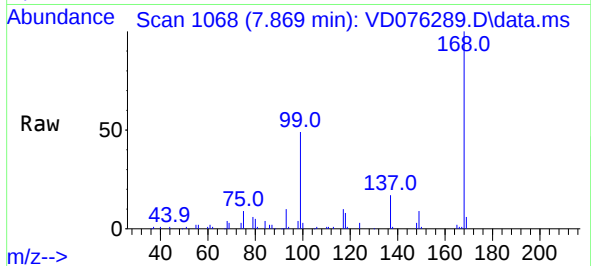




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

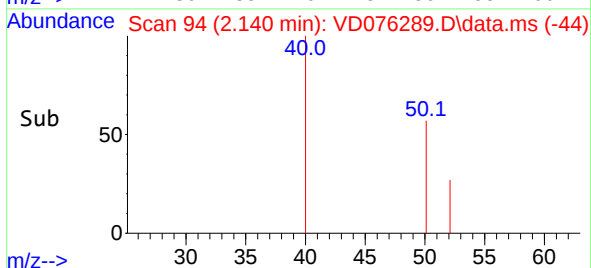
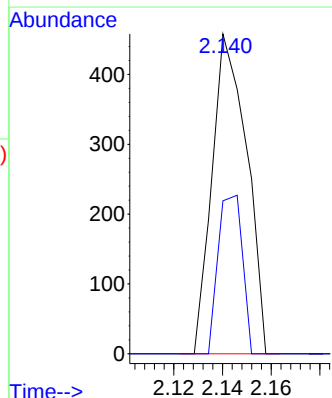
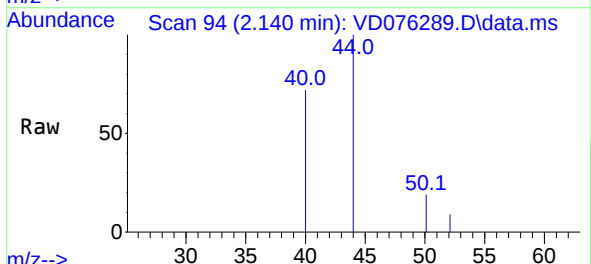
Instrument :
MSVOA_D
ClientSampleId :
SB12

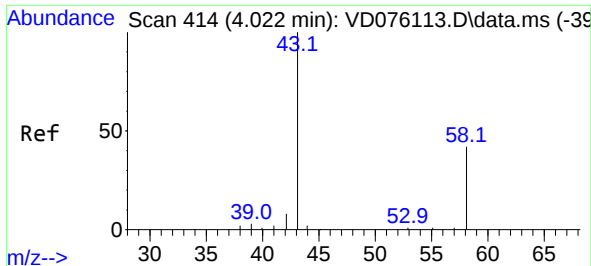
Tgt Ion:168 Resp: 128204
Ion Ratio Lower Upper
168 100
99 49.0 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 47.8 27.8 41.8#

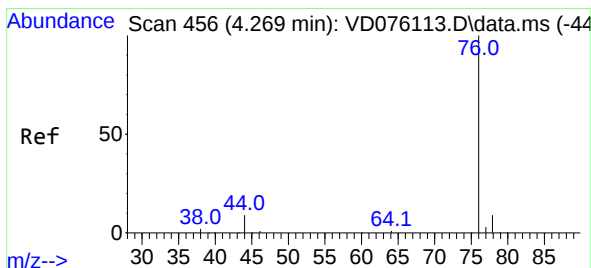
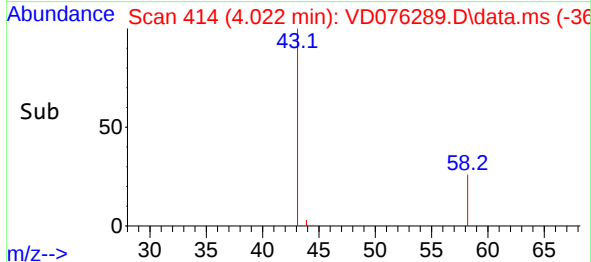
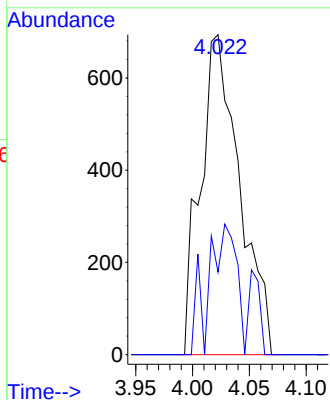
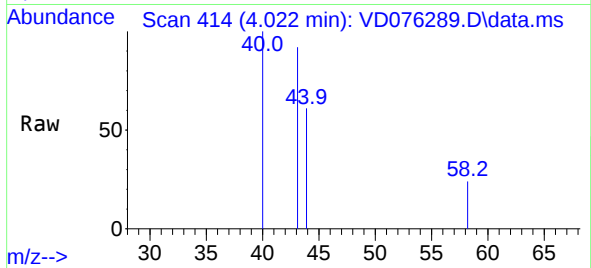




#16
Acetone
Concen: 6.758 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

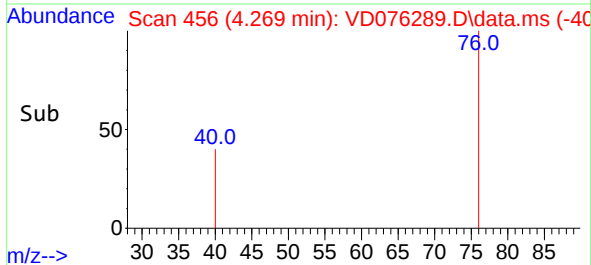
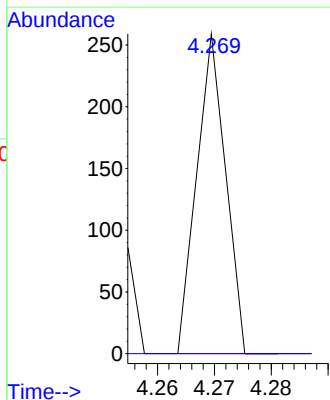
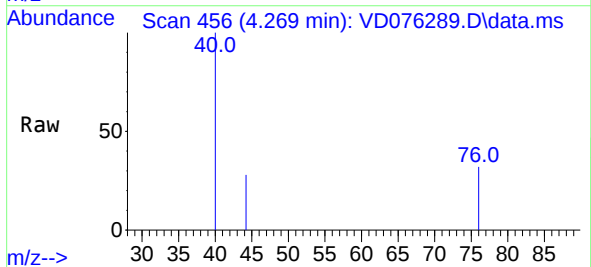
Instrument :
MSVOA_D
ClientSampleId :
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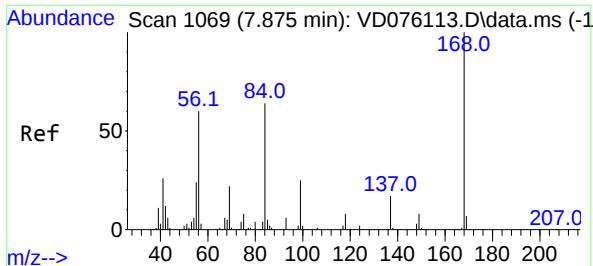
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
58 25.8 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion: 76 Resp: 91
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

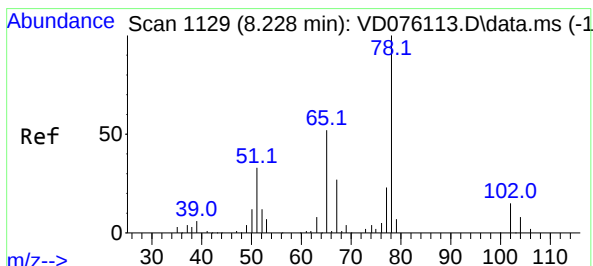
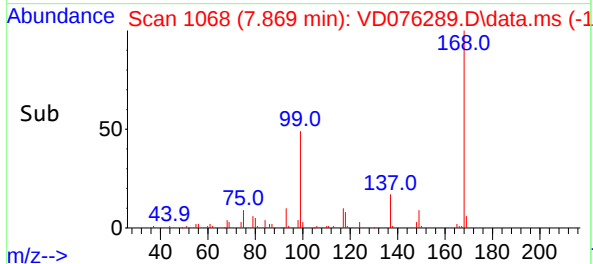
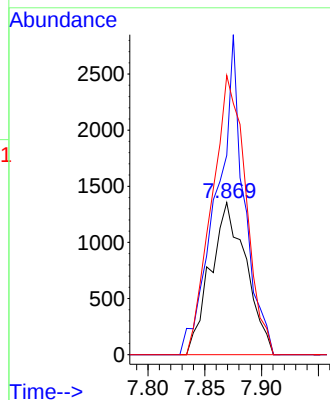
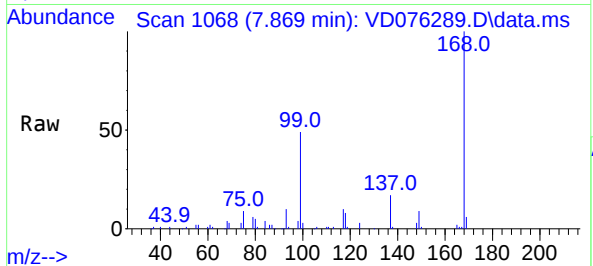




#31
Cyclohexane
Concen: 1.560 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

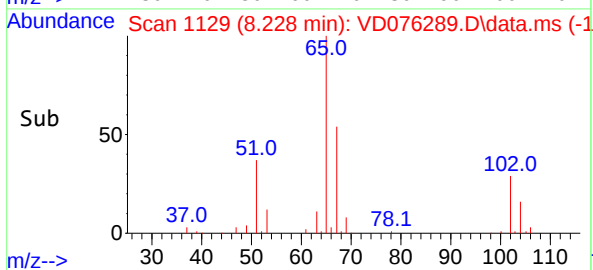
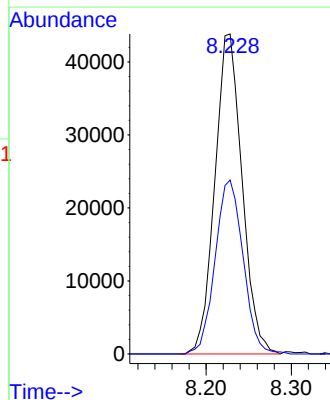
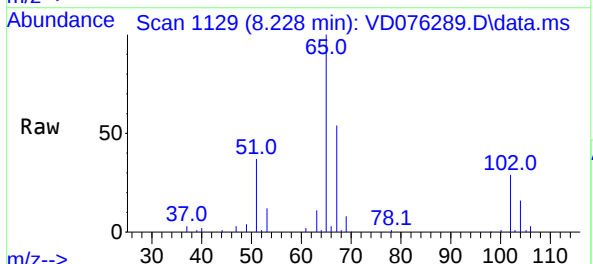
Instrument :
MSVOA_D
ClientSampleId :
SB12

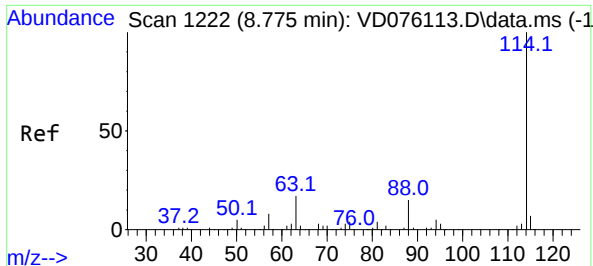
Tgt Ion: 56 Resp: 2961
Ion Ratio Lower Upper
56 100
69 131.1 25.5 38.3#
84 183.6 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 78.530 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion: 65 Resp: 97303
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.2

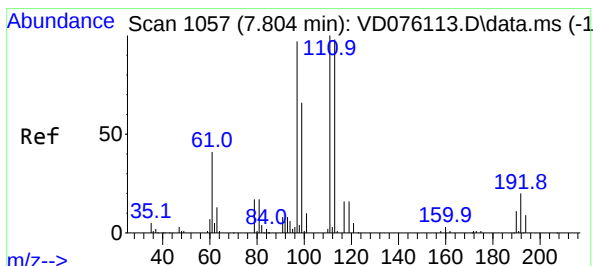
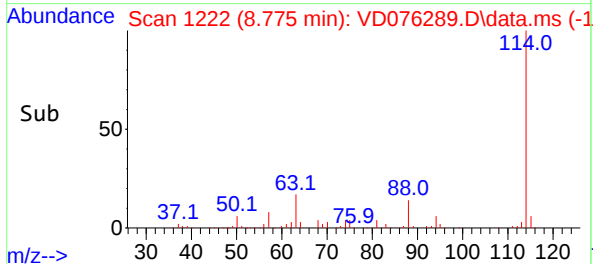
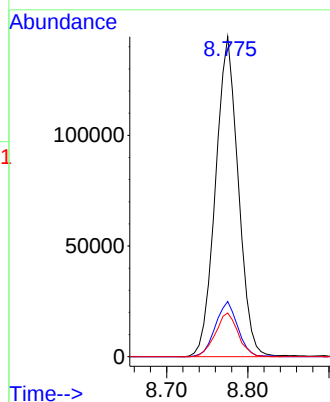
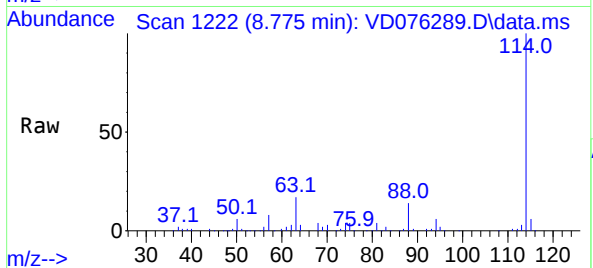




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

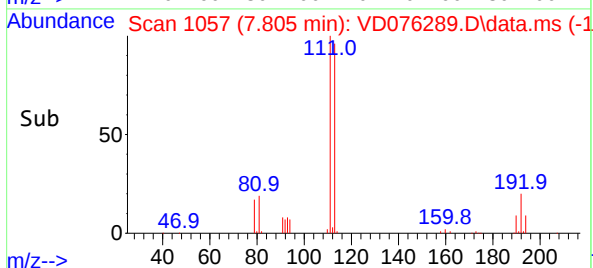
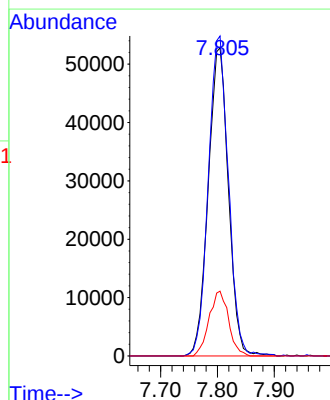
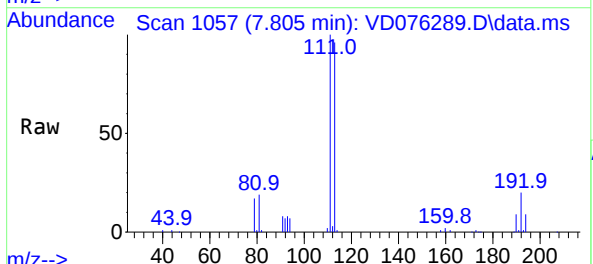
Instrument :
MSVOA_D
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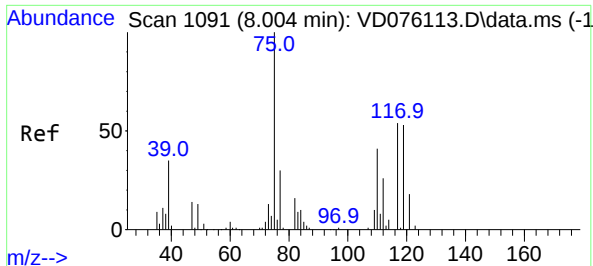
Tgt Ion:114 Resp: 281622
Ion Ratio Lower Upper
114 100
63 17.2 0.0 41.6
88 13.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 66.715 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion:113 Resp: 129868
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 20.3 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.838 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076289.D

Acq: 31 May 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

SB12

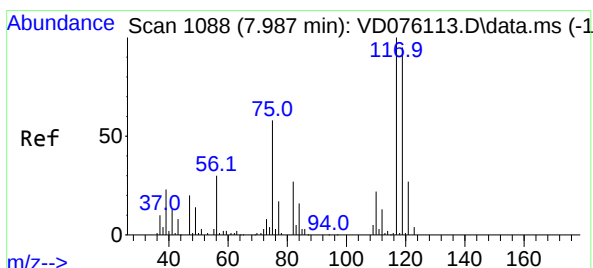
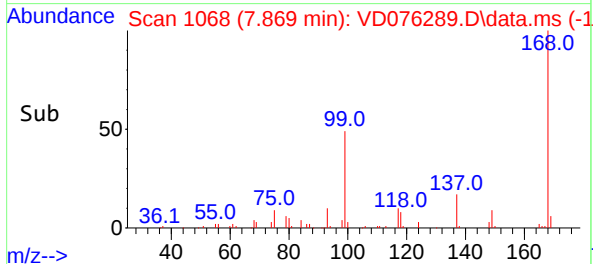
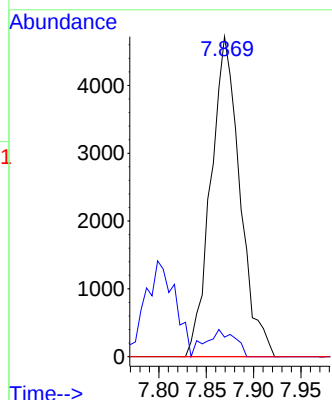
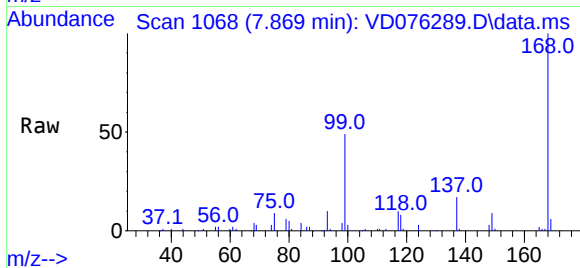
Tgt Ion: 75 Resp: 10091

Ion Ratio Lower Upper

75 100

110 6.9 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.886 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076289.D

Acq: 31 May 2023 16:39

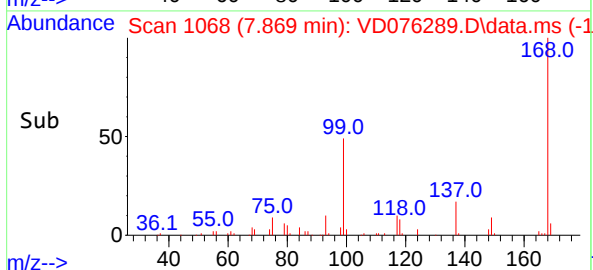
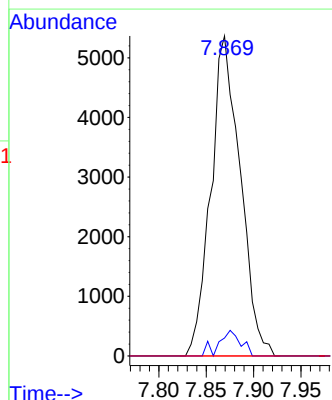
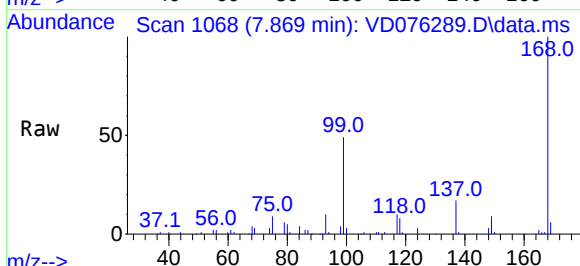
Tgt Ion: 117 Resp: 11602

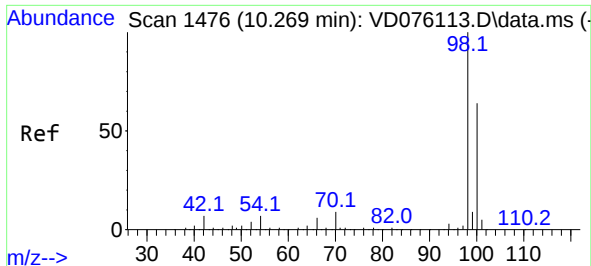
Ion Ratio Lower Upper

117 100

119 5.6 74.7 112.1#

121 0.0 25.9 38.9#

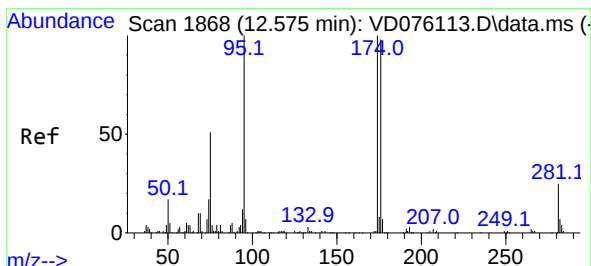
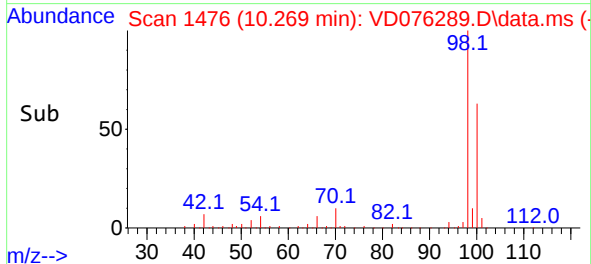
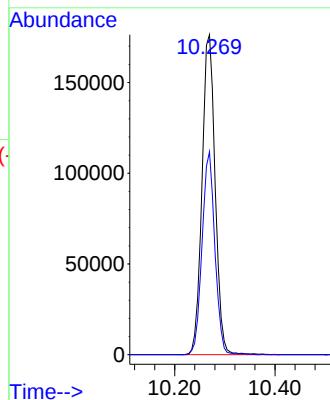
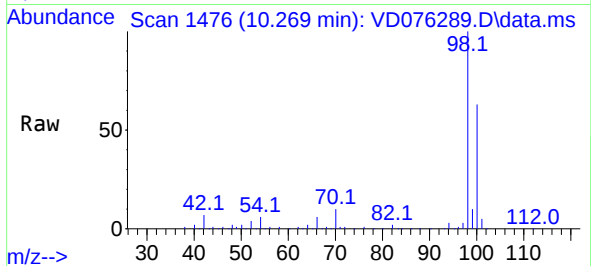




#50
Toluene-d8
Concen: 42.264 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

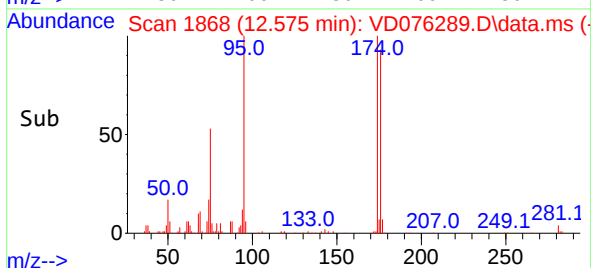
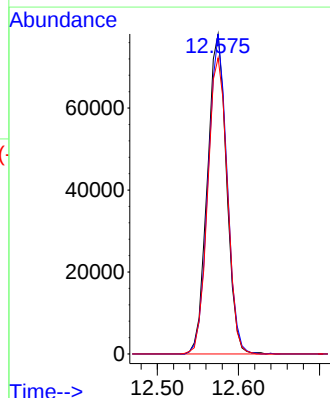
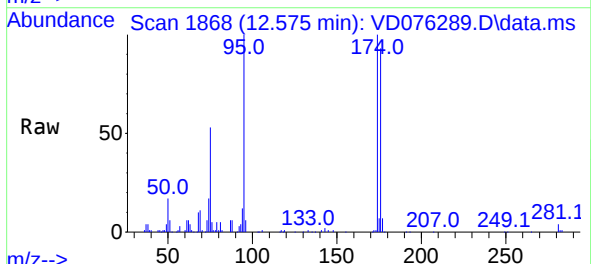
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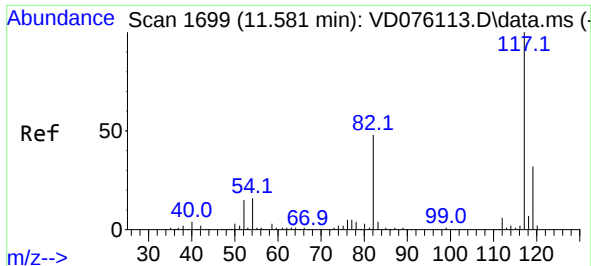
Tgt Ion: 98 Resp: 320717
Ion Ratio Lower Upper
98 100
100 61.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 60.563 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion: 95 Resp: 127664
Ion Ratio Lower Upper
95 100
174 98.4 0.0 164.0
176 94.6 0.0 156.8

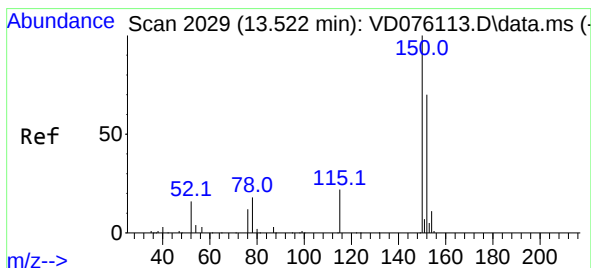
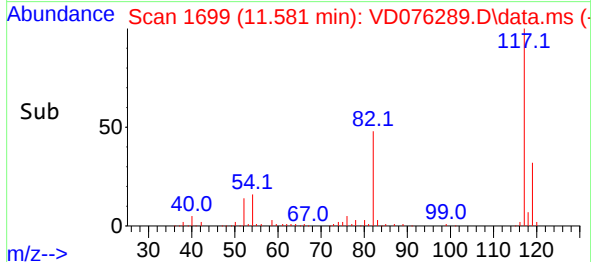
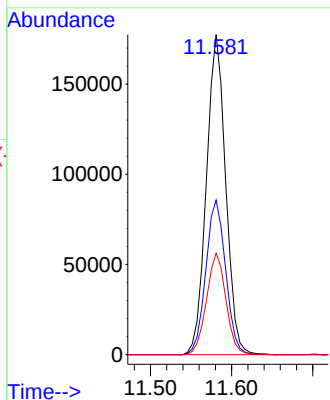
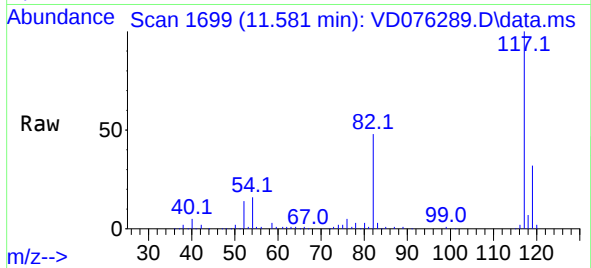




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

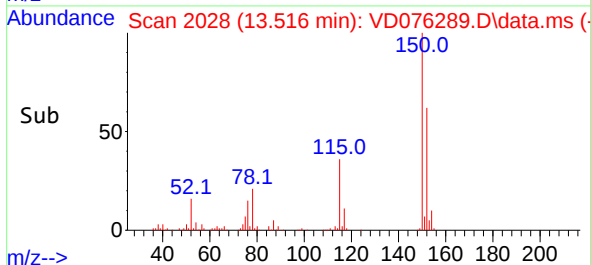
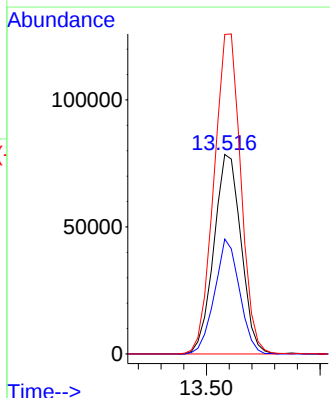
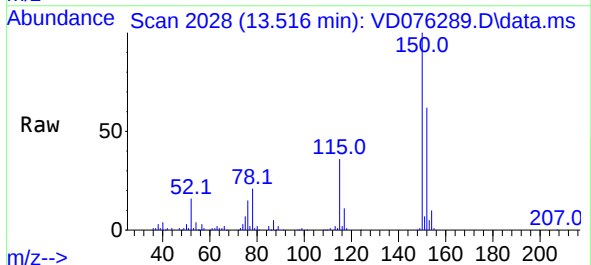
Instrument :
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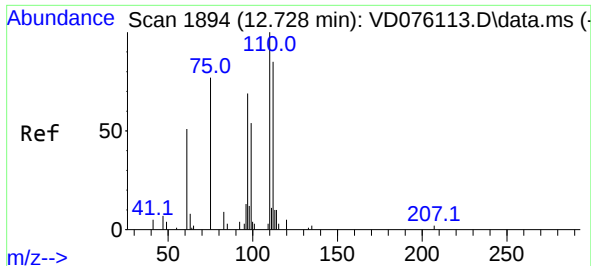
Tgt Ion:117 Resp: 292660
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion:152 Resp: 130621
Ion Ratio Lower Upper
152 100
115 52.8 30.1 90.3
150 158.3 0.0 364.8

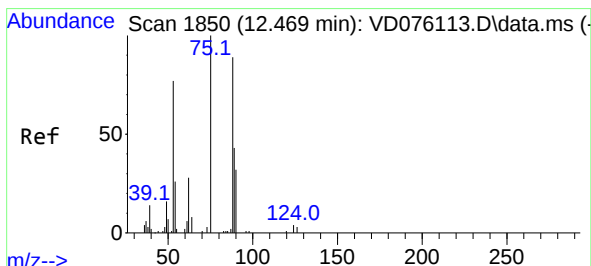
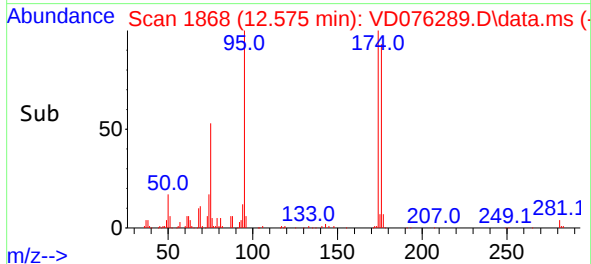
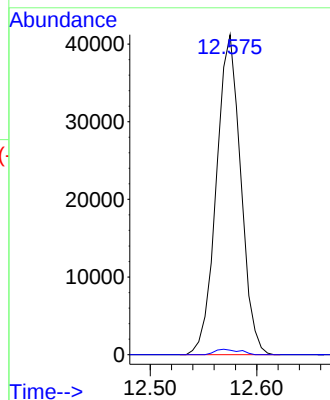
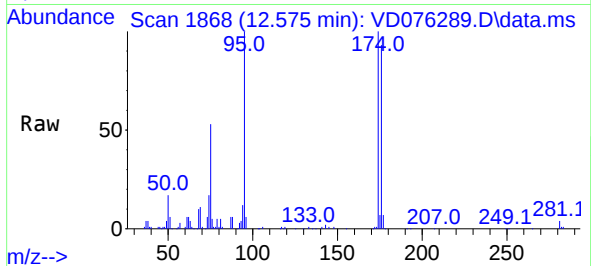




#76
1,2,3-Trichloropropane
Concen: 57.278 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
SB12

Tgt Ion: 75 Resp: 65471
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.159 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076289.D
Acq: 31 May 2023 16:39

Tgt Ion: 75 Resp: 65471
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

