

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071992.D
 Acq On : 16 Feb 2022 15:09
 Operator : VA/SY
 Sample : N1548-03
 Misc : 6.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(2-2.5)

Quant Time: Feb 17 00:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

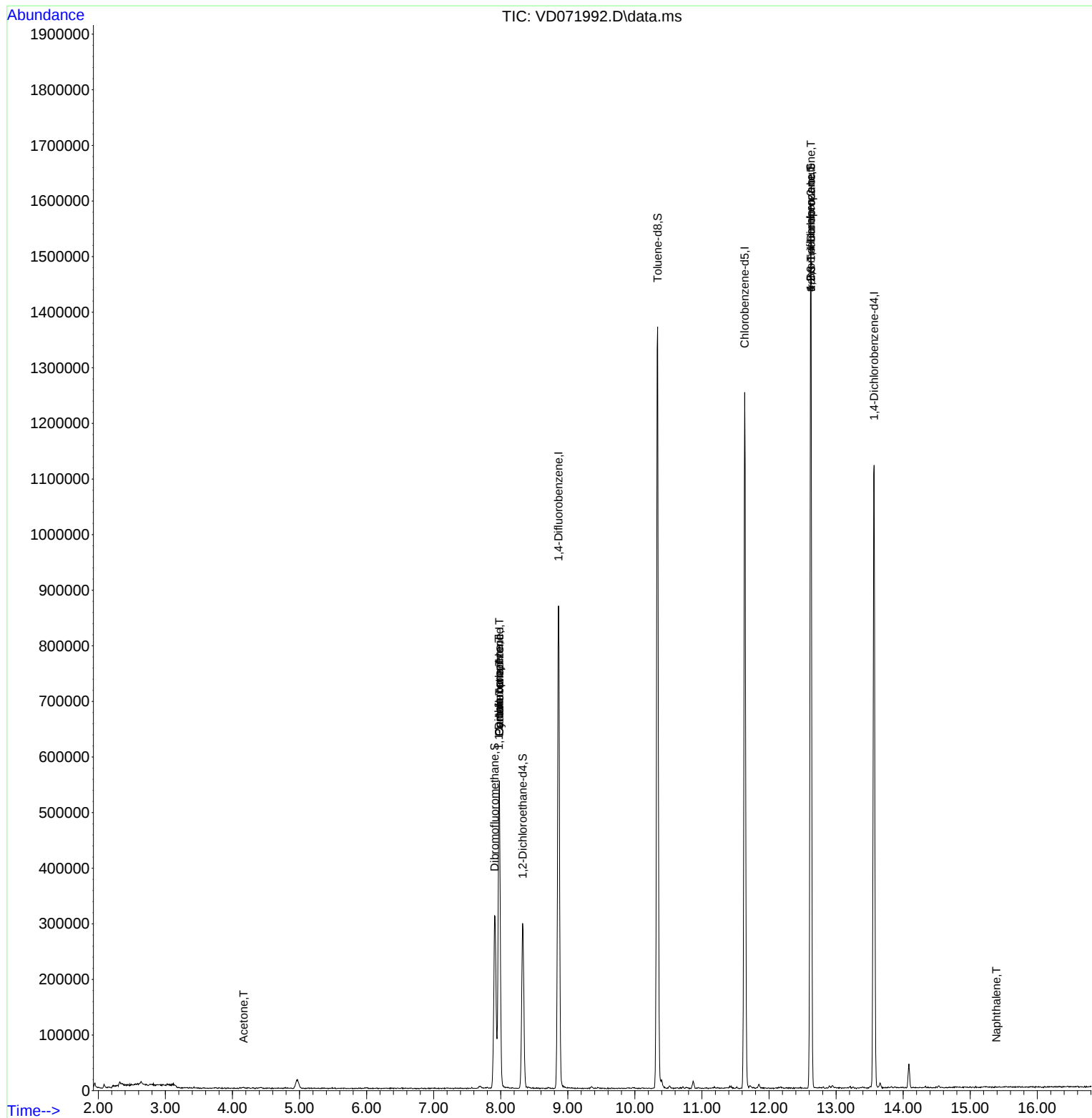
Internal Standards						
1) Pentafluorobenzene	7.979	168	364631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	680568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	648036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	277076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239783	52.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.060%	
35) Dibromofluoromethane	7.909	113	219691	49.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.338	98	871758	52.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.620	95	310993	53.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	139	Below Cal	#	74
16) Acetone	4.168	43	3484	2.762	ug/l	97
20) Methylene Chloride	4.962	84	10916	Below Cal	#	80
31) Cyclohexane	7.979	56	12238	1.391	ug/l	# 24
36) 1,1-Dichloropropene	7.973	75	37260	4.853	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	42432	5.588	ug/l	# 15
76) 1,2,3-Trichloropropane	12.626	75	179873	61.600	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	179873	151.459	ug/l	# 8
95) Naphthalene	15.390	128	523	1.507	ug/l	# 70

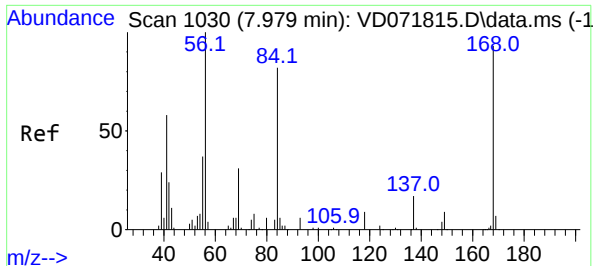
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3(2-2.5)

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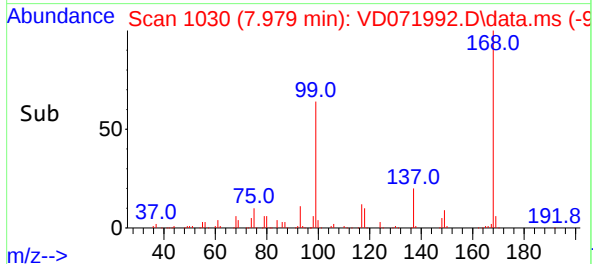
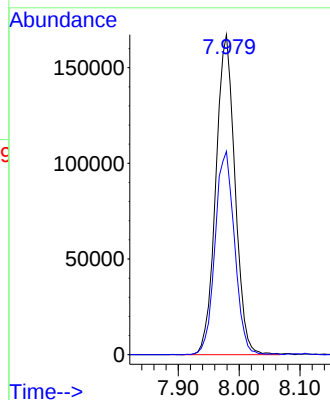
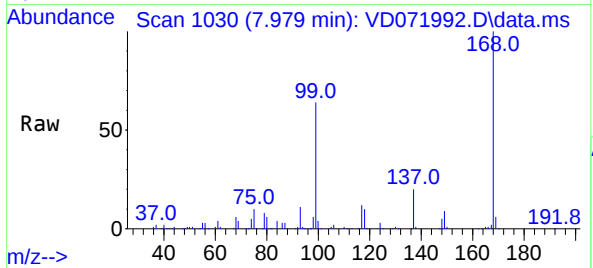




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

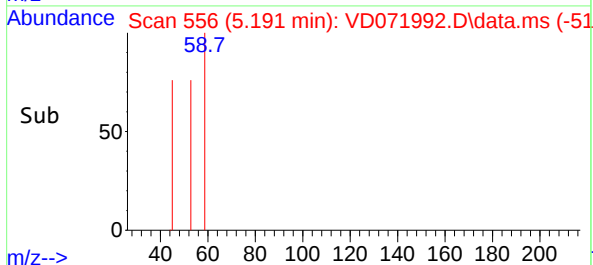
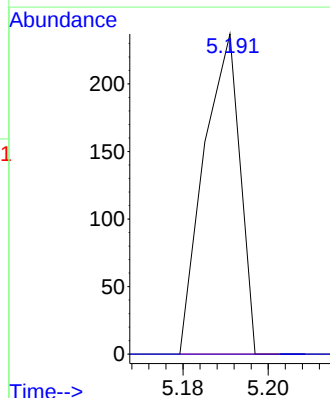
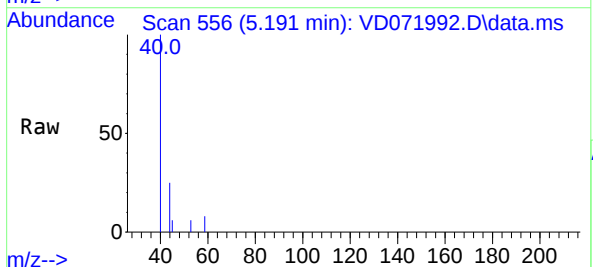
Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

Tgt Ion:168 Resp: 364631
Ion Ratio Lower Upper
168 100
99 63.6 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

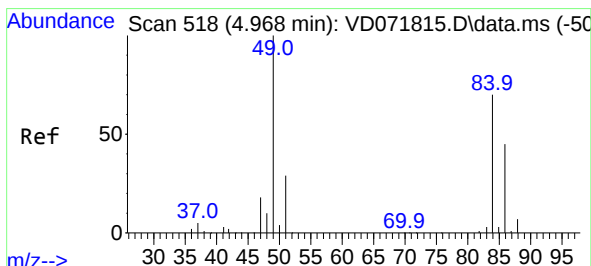
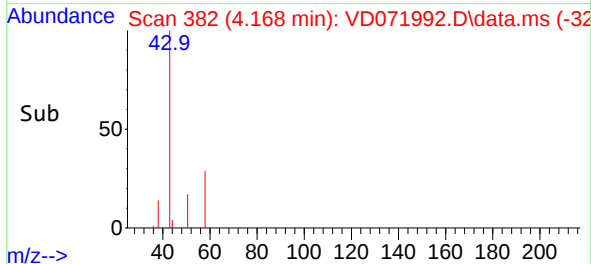
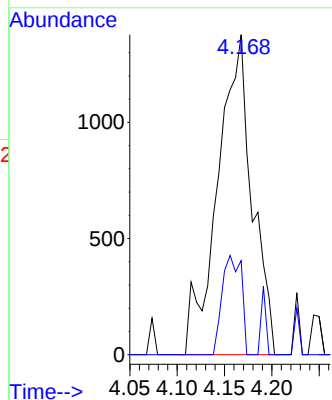
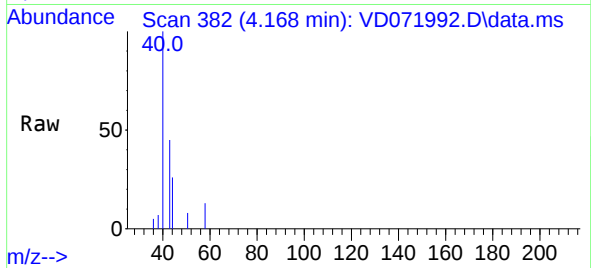




#16
Acetone
Concen: 2.762 ug/l
RT: 4.168 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

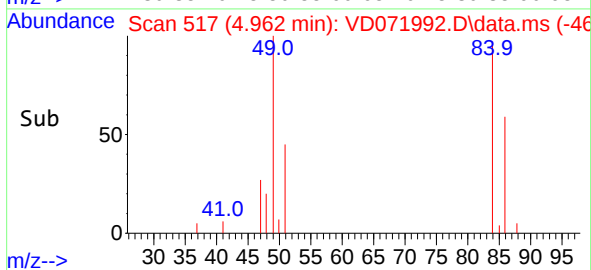
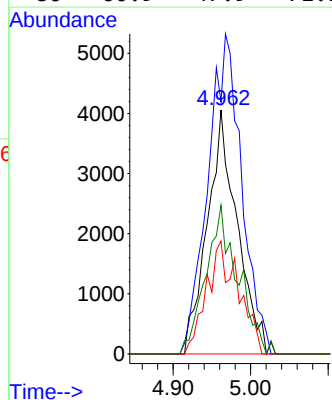
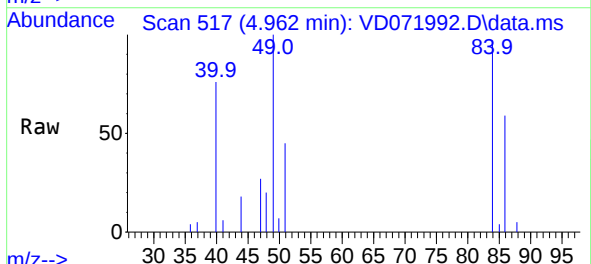
Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

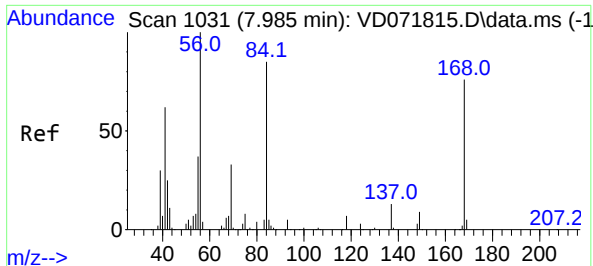
Tgt Ion: 43 Resp: 3484
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion: 84 Resp: 10916
Ion Ratio Lower Upper
84 100
49 103.3 112.8 169.2#
51 46.3 32.6 48.8
86 60.9 47.9 71.9





#31

Cyclohexane

Concen: 1.391 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071992.D

Acq: 16 Feb 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

SB-3(2-2.5)

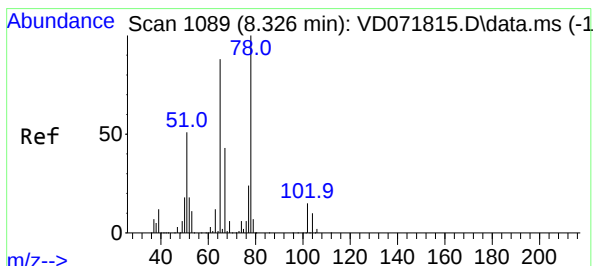
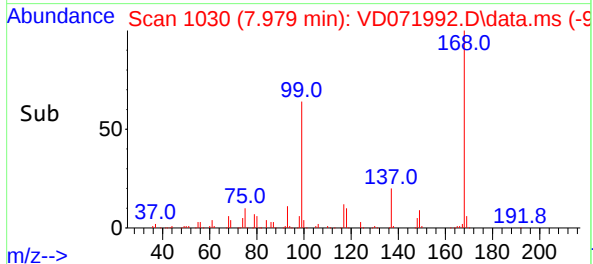
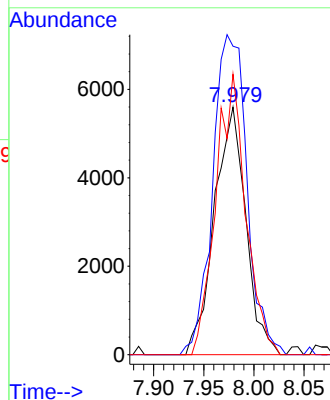
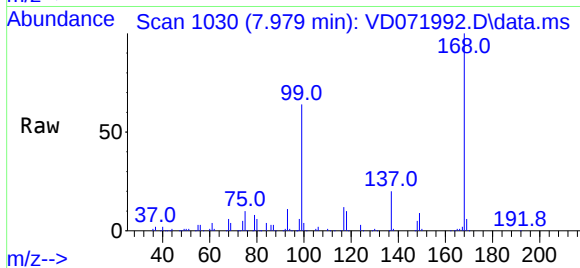
Tgt Ion: 56 Resp: 12238

Ion Ratio Lower Upper

56 100

69 124.6 25.4 38.2#

84 113.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 52.028 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071992.D

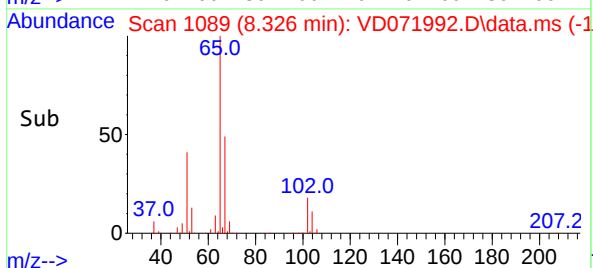
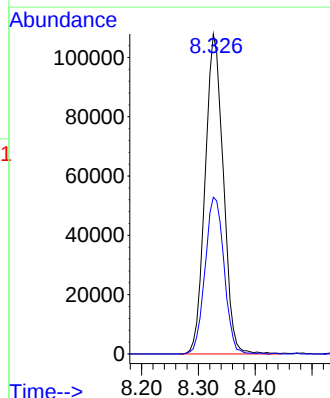
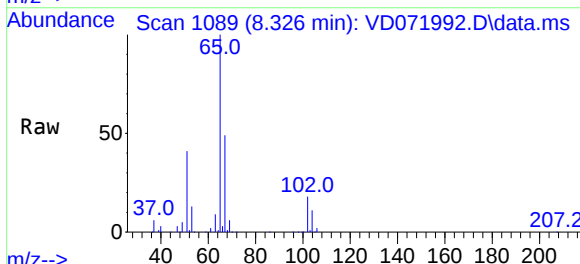
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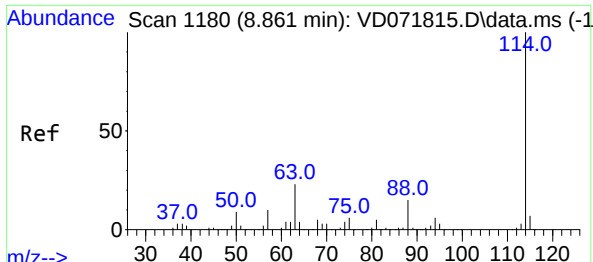
Tgt Ion: 65 Resp: 239783

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4



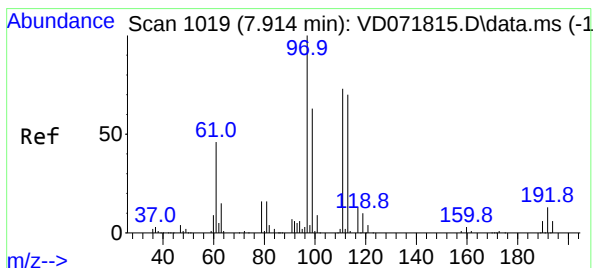
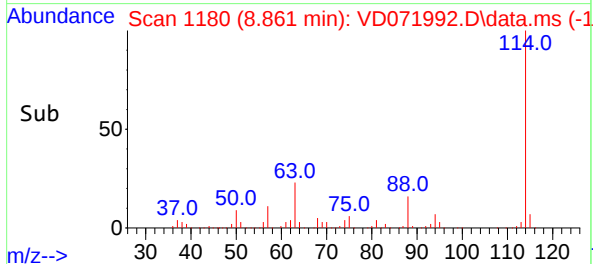
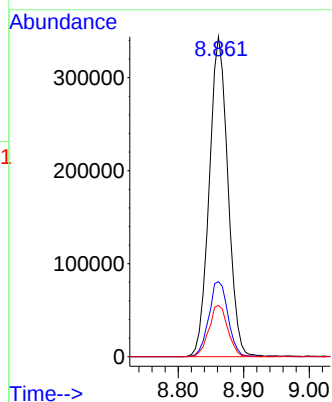
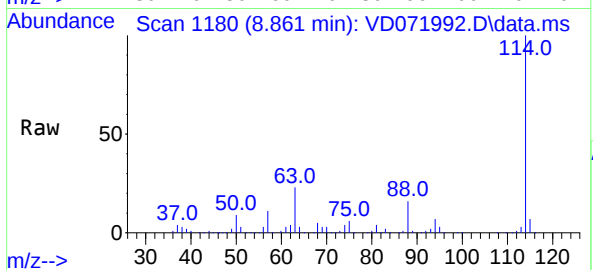


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

Tgt Ion:114 Resp: 680568

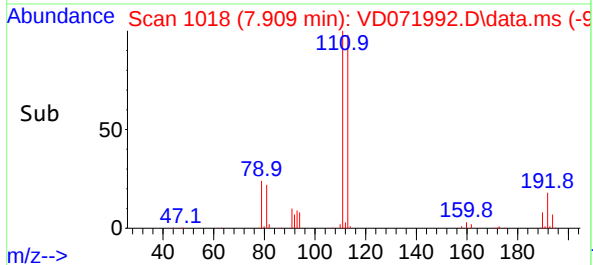
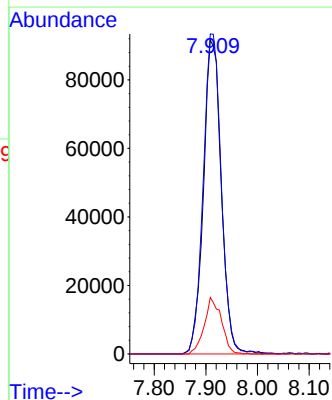
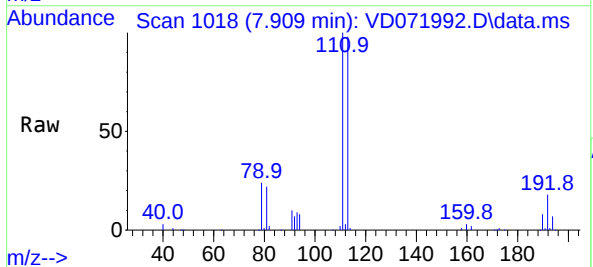
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.6
88	16.0	0.0	33.2

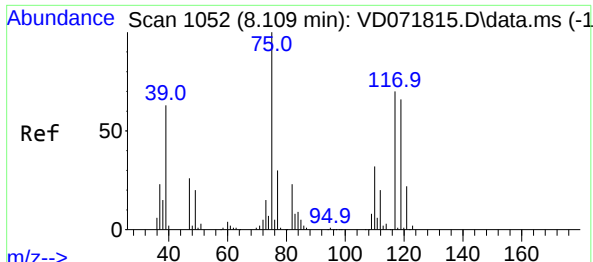


#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion:113 Resp: 219691

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	17.3	14.6	21.8

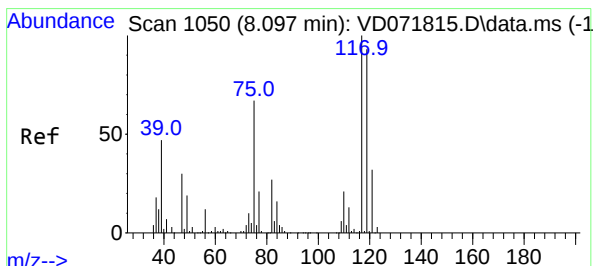
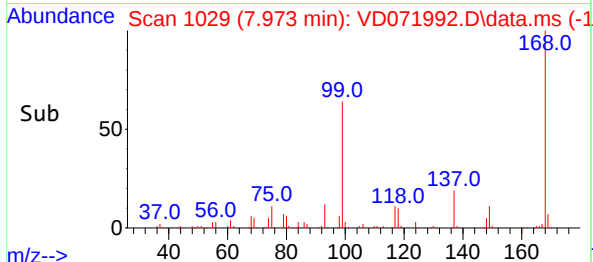
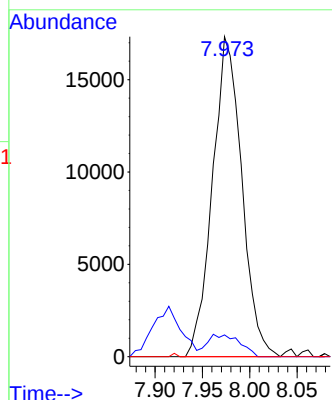
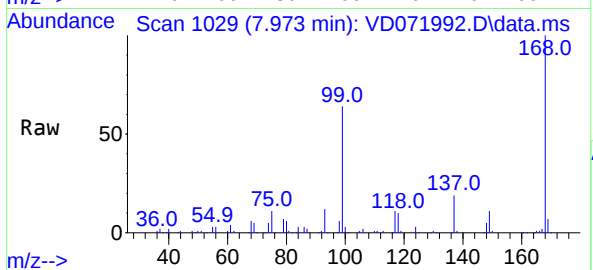




#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

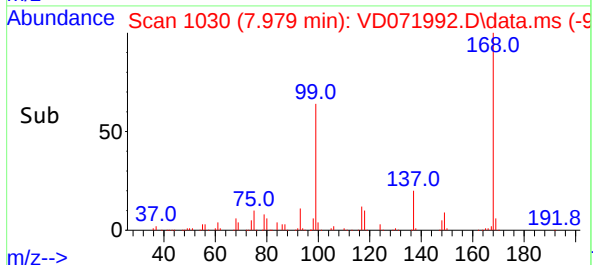
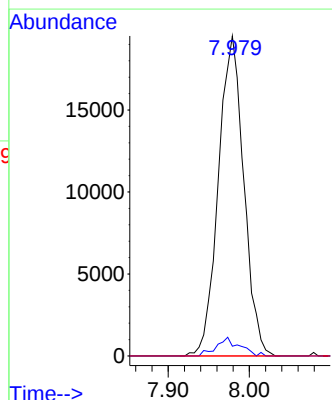
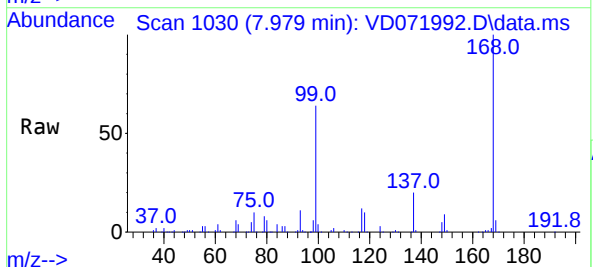
Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

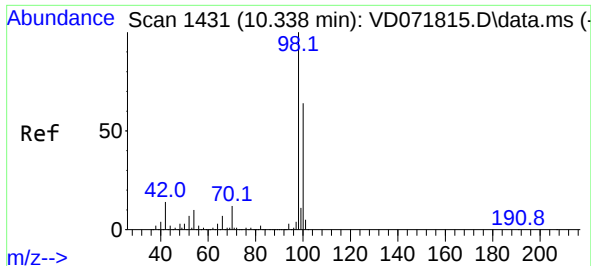
Tgt Ion: 75 Resp: 37260
Ion Ratio Lower Upper
75 100
110 7.7 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion: 117 Resp: 42432
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.5 36.7#

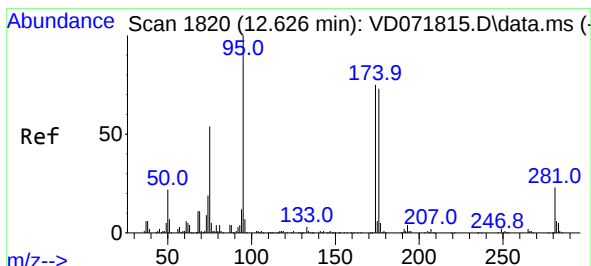
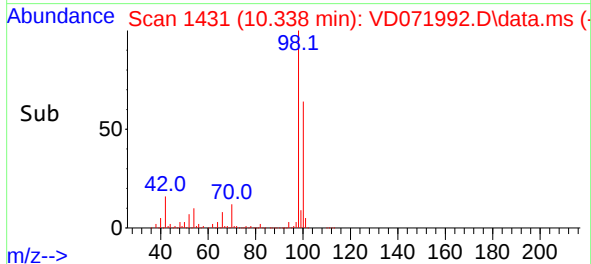
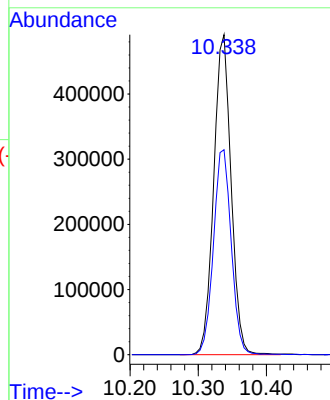
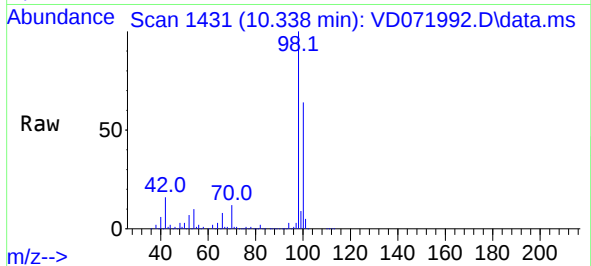




#50
Toluene-d8
Concen: 52.178 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

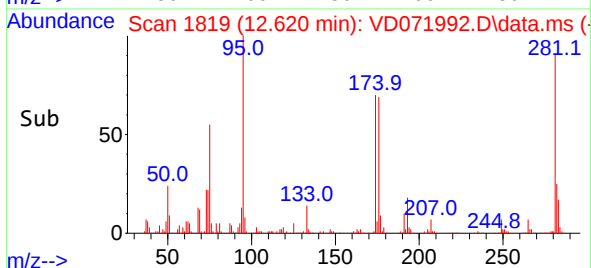
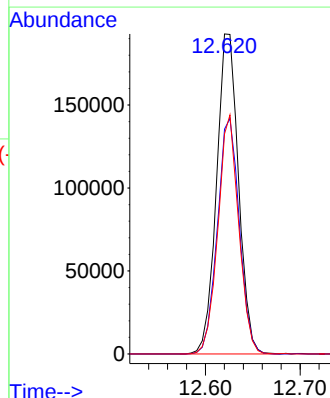
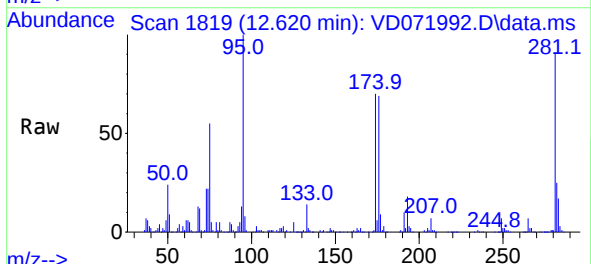
Instrument :
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SB-3(2-2.5)

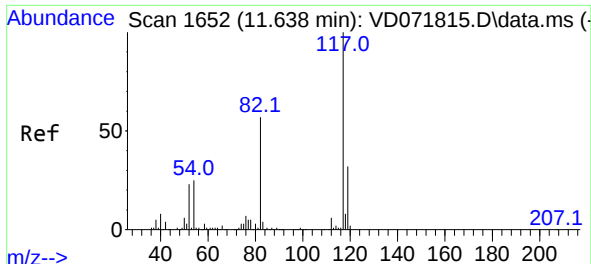
Tgt Ion: 98 Resp: 871758
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.303 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion: 95 Resp: 310993
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 70.7 0.0 145.4

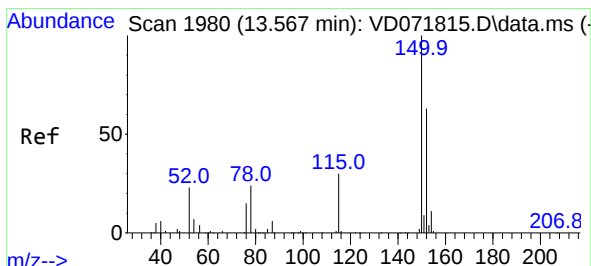
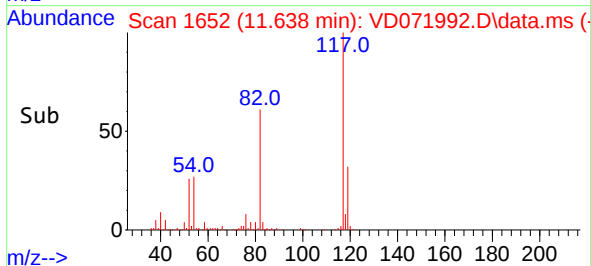
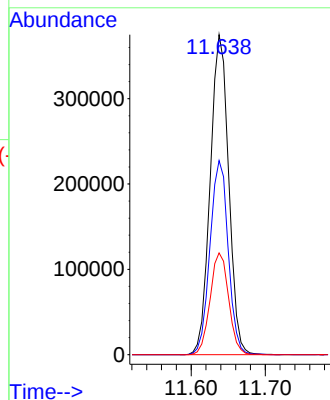
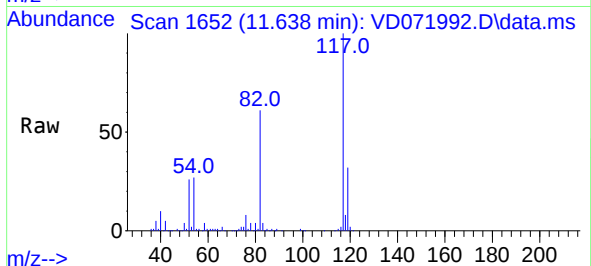




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

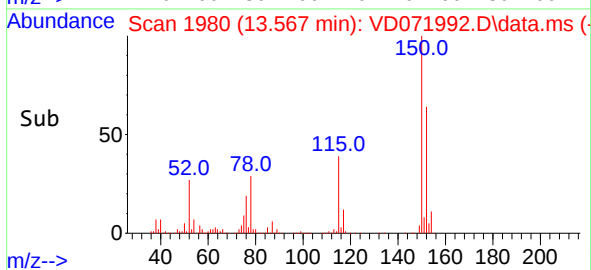
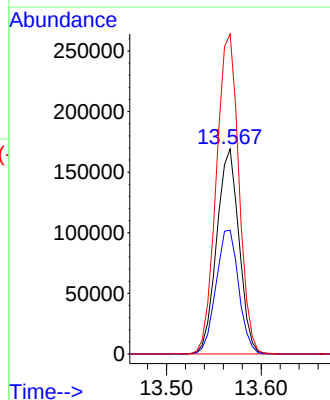
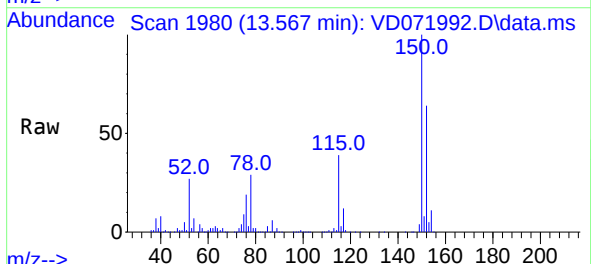
Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

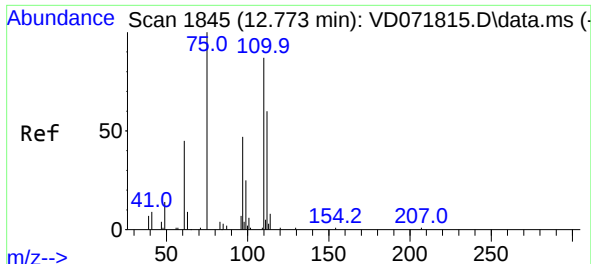
Tgt Ion:117 Resp: 648036
Ion Ratio Lower Upper
117 100
82 60.6 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion:152 Resp: 277076
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 157.7 0.0 348.6

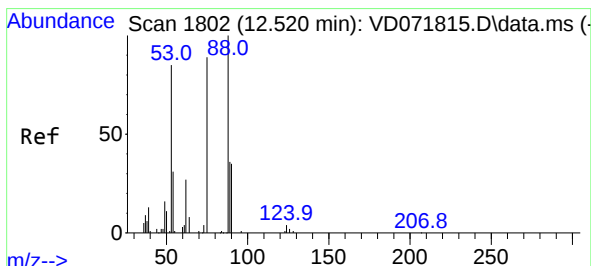
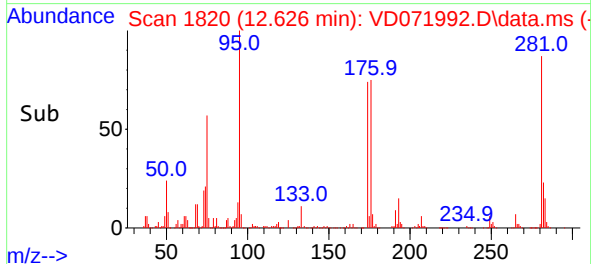
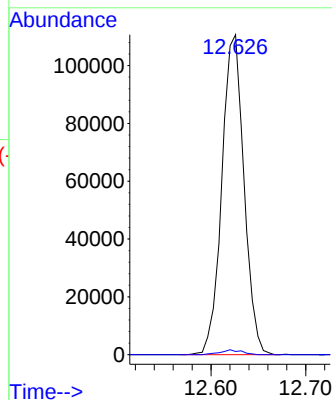
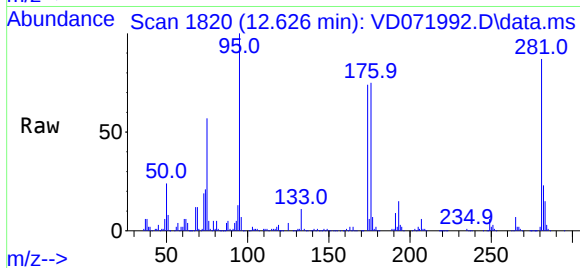




#76
1,2,3-Trichloropropane
Concen: 61.600 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

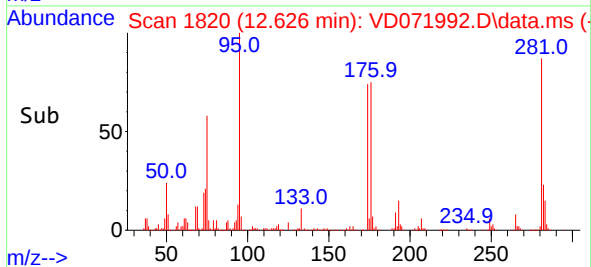
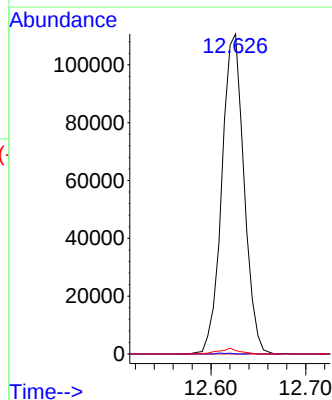
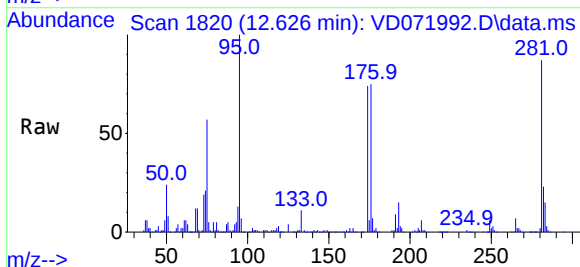
Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

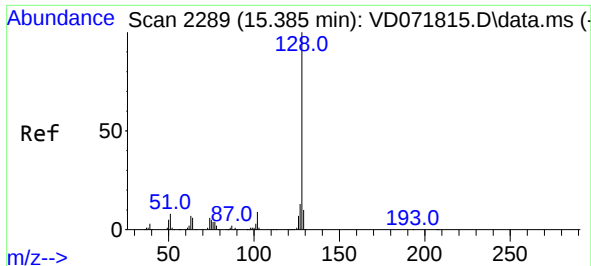
Tgt Ion: 75 Resp: 179873
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.459 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Tgt Ion: 75 Resp: 179873
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.6 33.9 50.9#





#95
Naphthalene
Concen: 1.507 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071992.D
Acq: 16 Feb 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :
SB-3(2-2.5)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

