

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071989.D
 Acq On : 16 Feb 2022 13:44
 Operator : VA/SY
 Sample : N1554-01
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-021522

Quant Time: Feb 17 00:48:50 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)

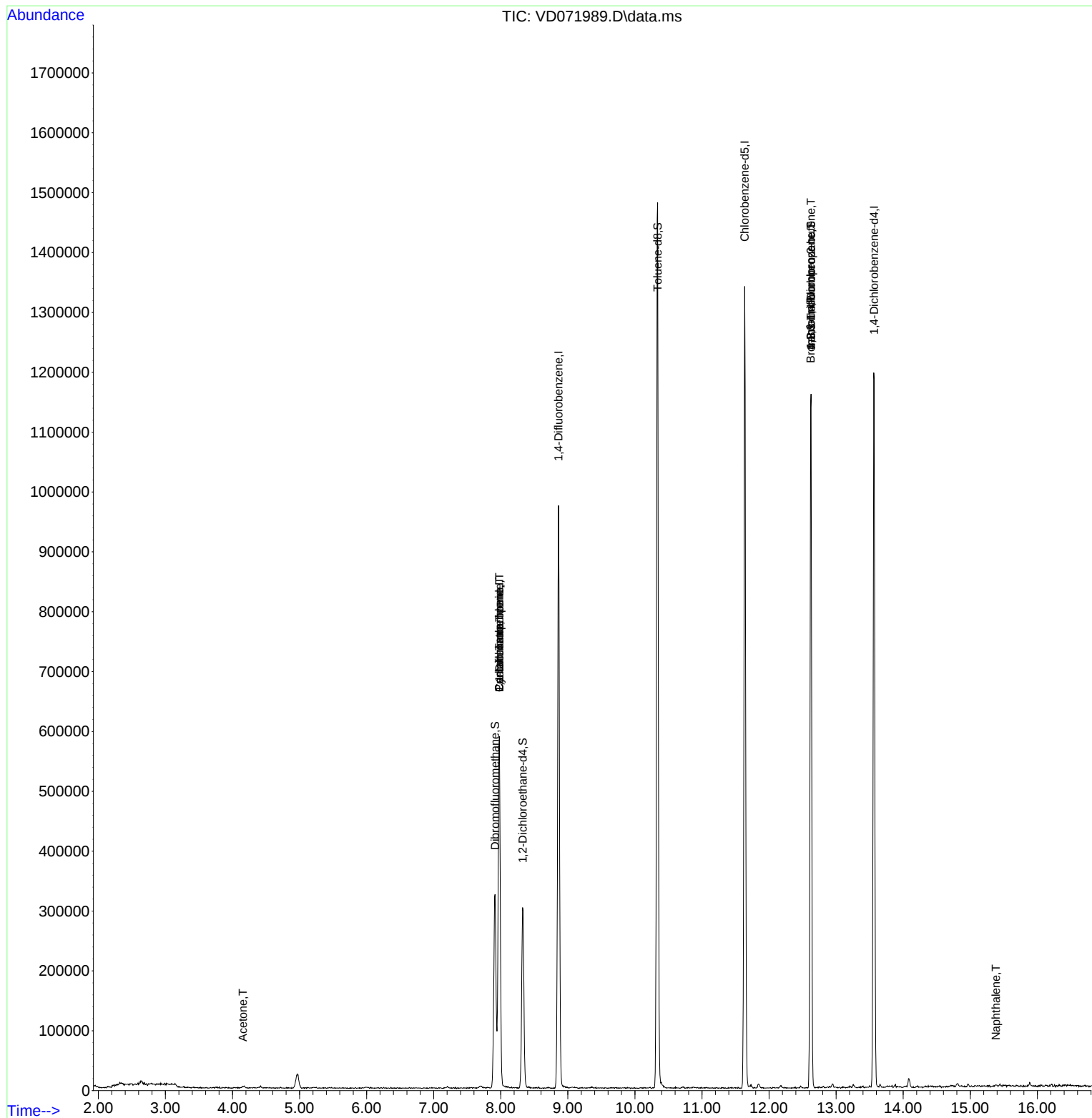
Internal Standards						
1) Pentafluorobenzene	7.979	168	393938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	726898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	683691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	288511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245691	49.344	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.680%		
35) Dibromofluoromethane	7.914	113	229933	48.122	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.338	98	932624	52.264	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.520%		
62) 4-Bromofluorobenzene	12.626	95	305939	49.095	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.180%		
Target Compounds						
11) Tert butyl alcohol	5.214	59	963	Below Cal	#	74
16) Acetone	4.156	43	2757	2.023	ug/l	99
20) Methylene Chloride	4.979	84	15786	Below Cal		92
31) Cyclohexane	7.979	56	12794	1.346	ug/l	# 12
36) 1,1-Dichloropropene	7.979	75	38461	4.690	ug/l	# 52
38) Carbon Tetrachloride	7.979	117	43291	5.338	ug/l	# 16
71) Bromoform	12.620	173	3172	1.129	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	172426	56.709	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	172426	139.434	ug/l	# 7
95) Naphthalene	15.384	128	2564	1.702	ug/l	# 84

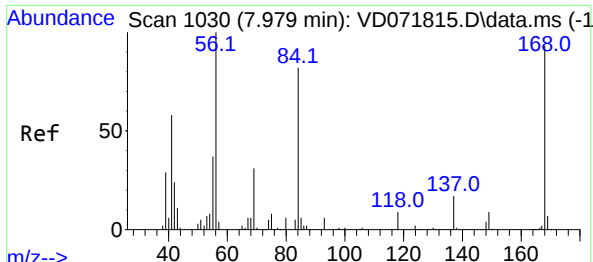
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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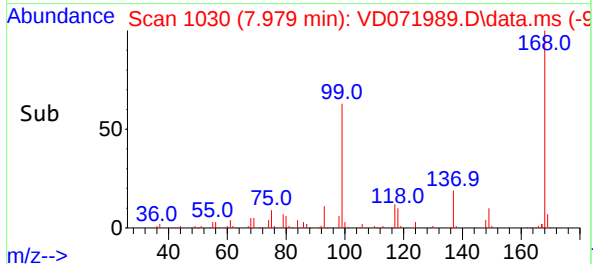
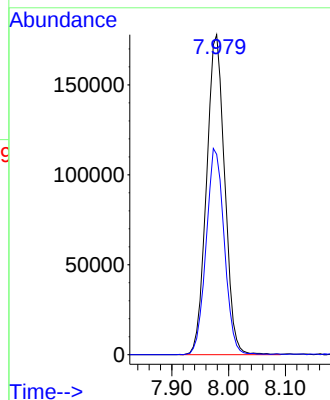
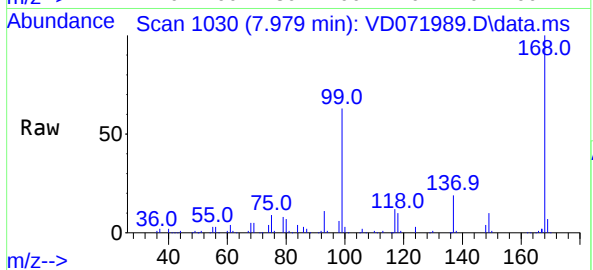




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

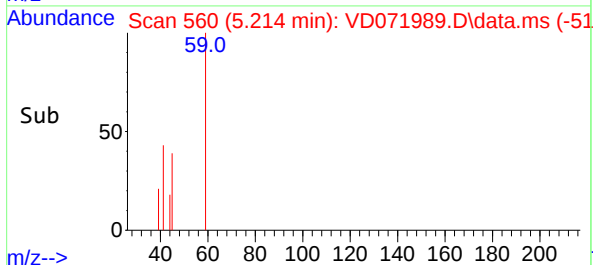
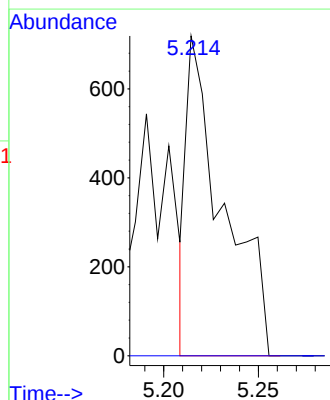
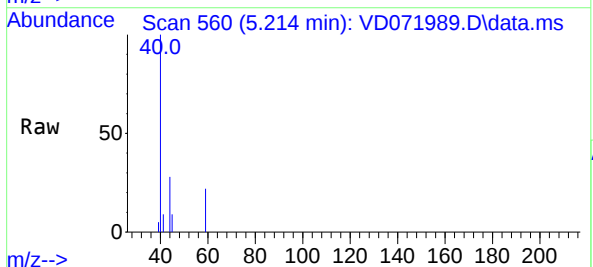
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021522

Tgt Ion:168 Resp: 393938
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion: 59 Resp: 963
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

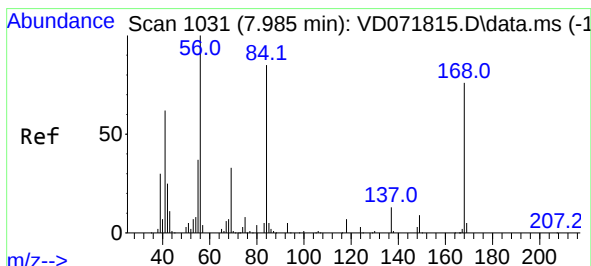
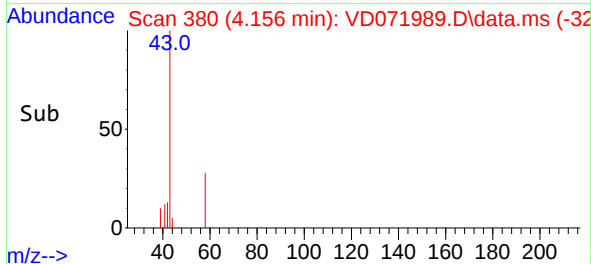
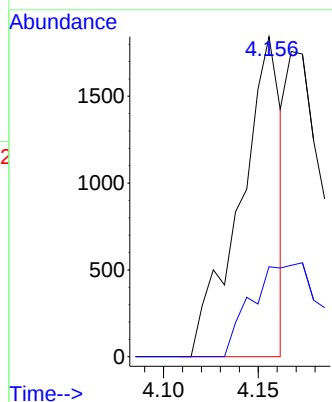
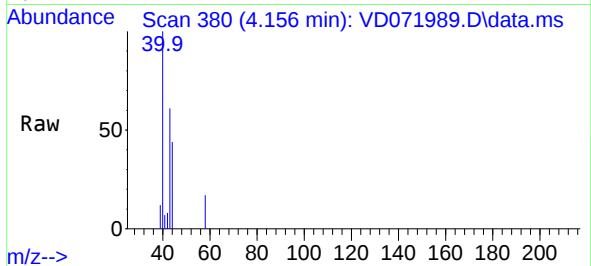




#16
Acetone
Concen: 2.023 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

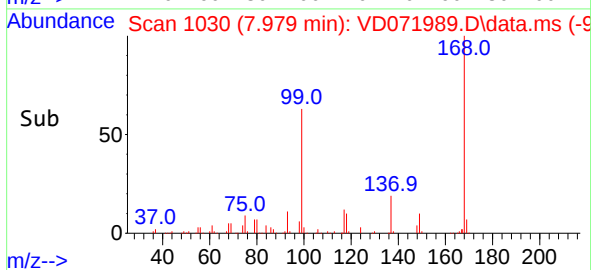
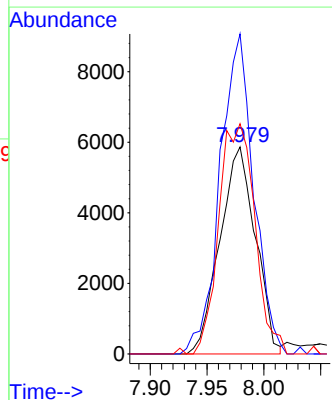
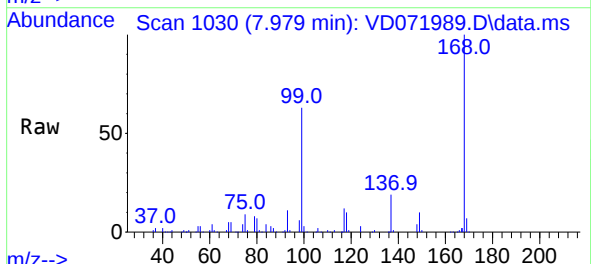
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021522

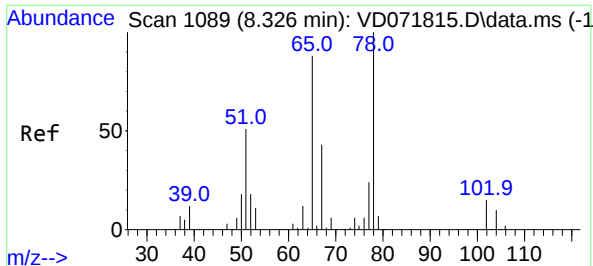
Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
58 28.1 22.1 33.1



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion: 56 Resp: 12794
Ion Ratio Lower Upper
56 100
69 154.6 25.4 38.2#
84 108.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.344 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071989.D

Acq: 16 Feb 2022 13:44

Instrument :

MSVOA_D

ClientSampleId :

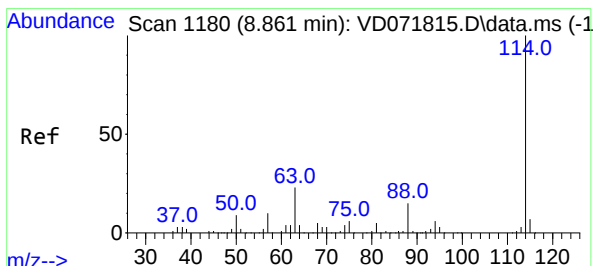
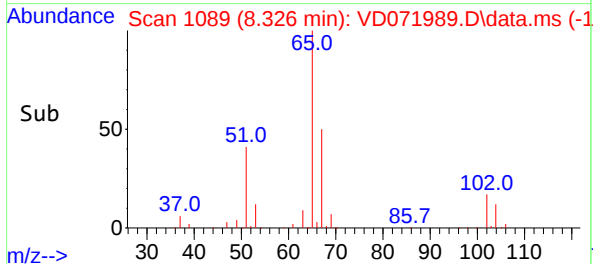
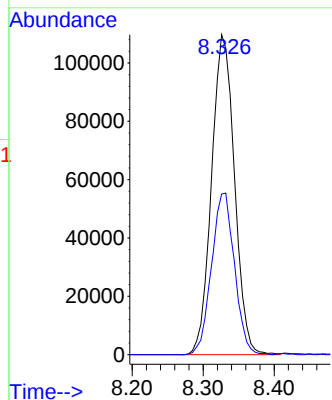
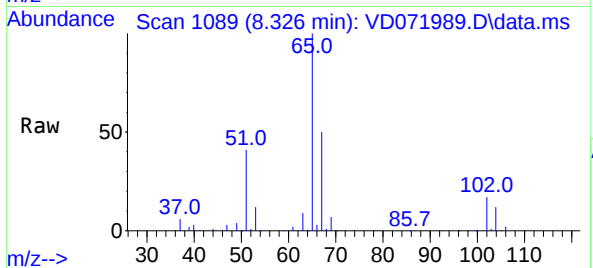
BU-03-021522

Tgt Ion: 65 Resp: 245691

Ion Ratio Lower Upper

65 100

67 50.6 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: VD071989.D

Acq: 16 Feb 2022 13:44

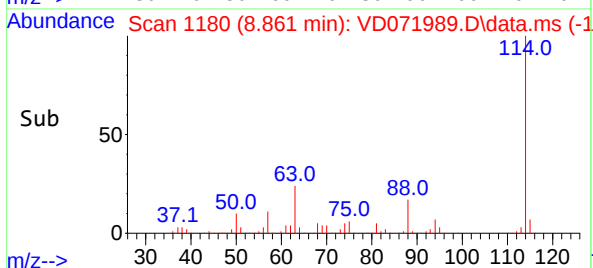
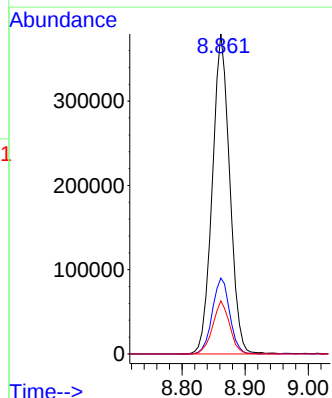
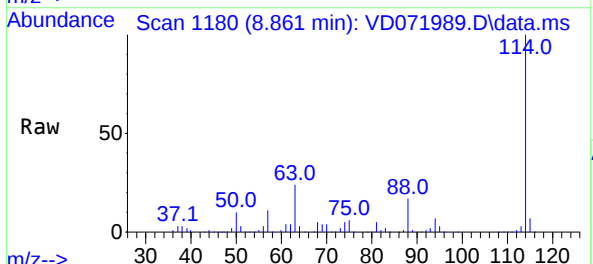
Tgt Ion: 114 Resp: 726898

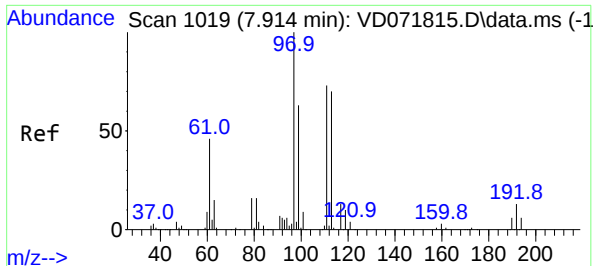
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.6 0.0 33.2

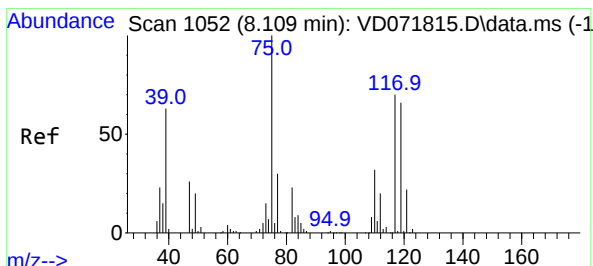
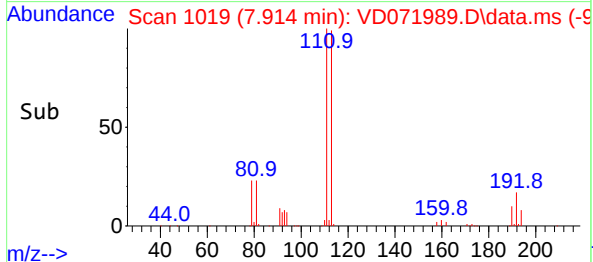
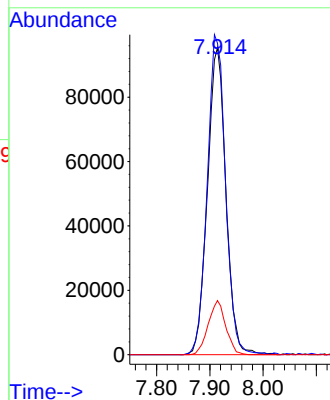
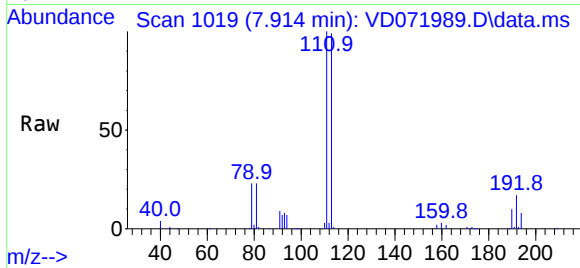




#35
Dibromofluoromethane
Concen: 48.122 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

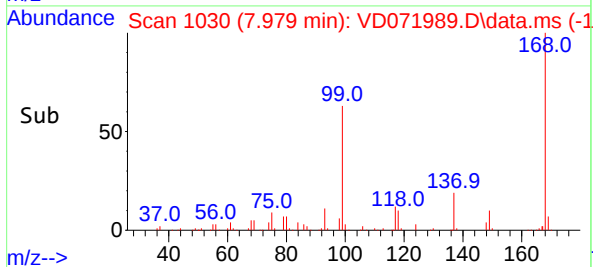
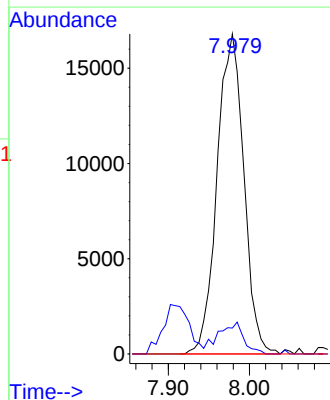
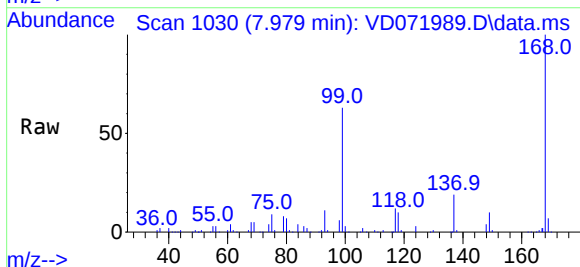
Instrument :
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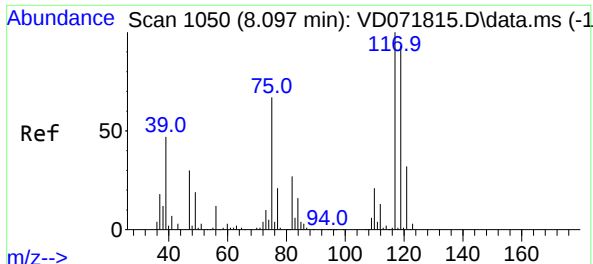
Tgt Ion:113 Resp: 229933
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 16.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion: 75 Resp: 38461
Ion Ratio Lower Upper
75 100
110 9.4 16.4 49.1#
77 0.0 24.2 36.2#

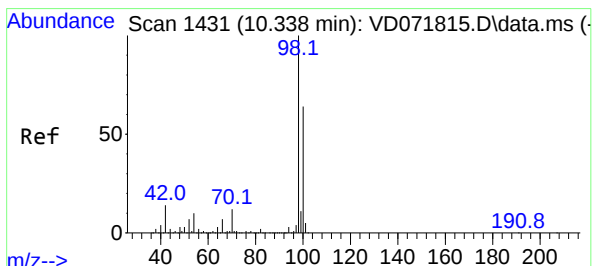
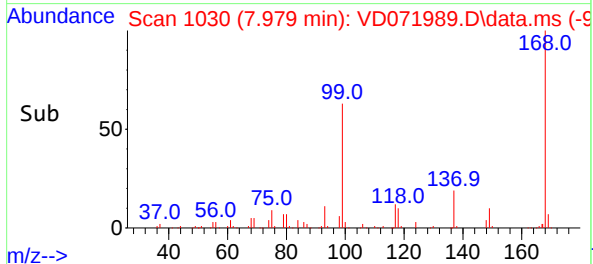
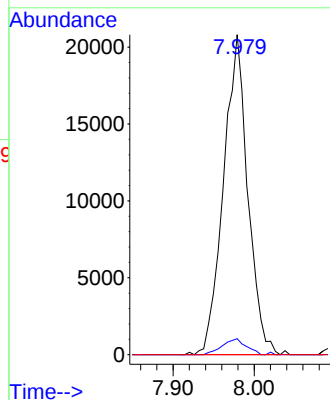
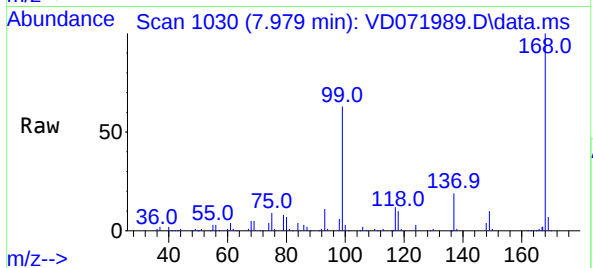




#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

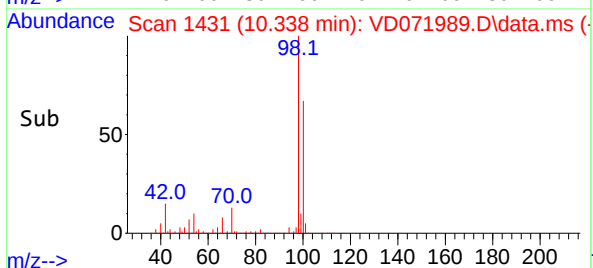
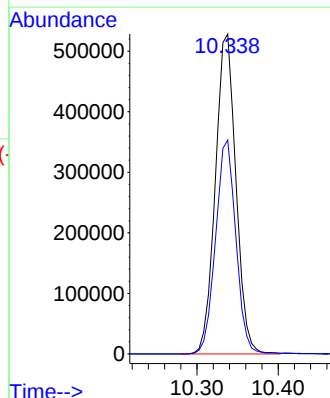
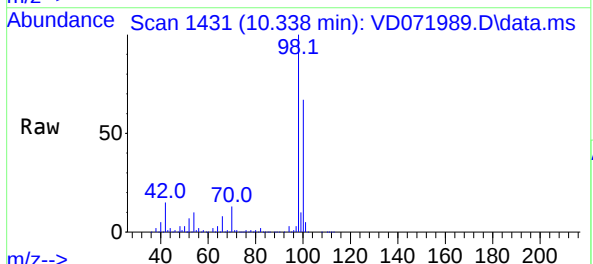
Instrument :
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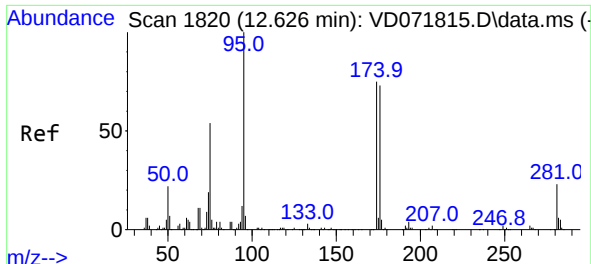
Tgt Ion:117 Resp: 43291
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.264 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion: 98 Resp: 932624
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

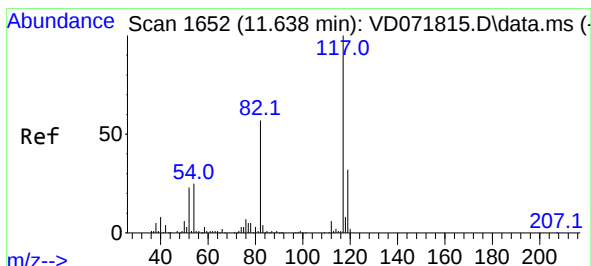
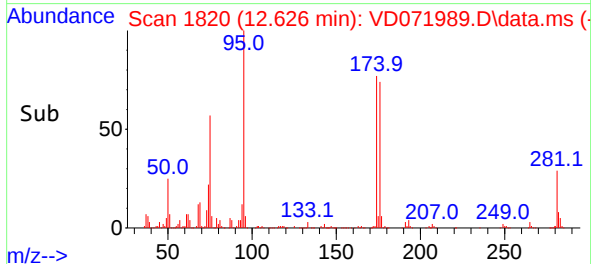
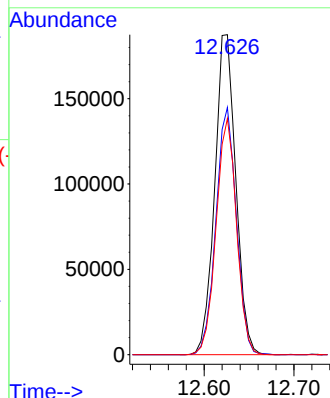
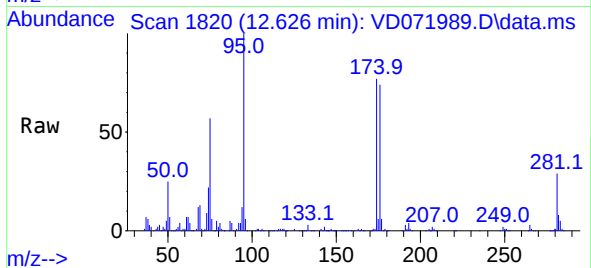




#62
4-Bromofluorobenzene
Concen: 49.095 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

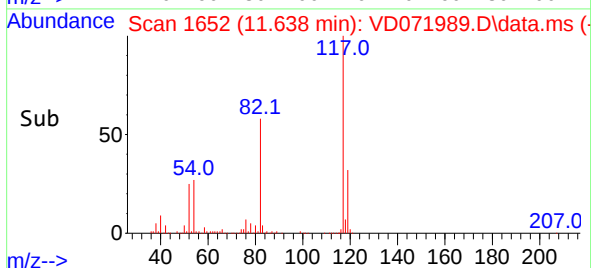
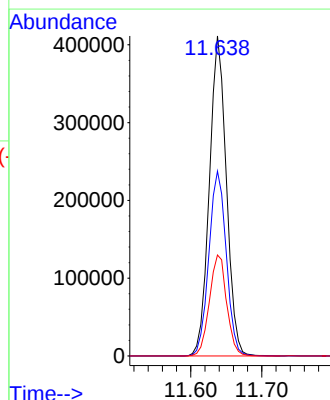
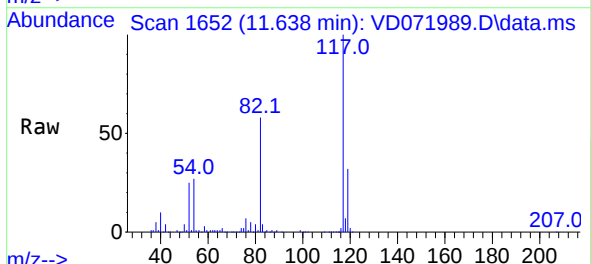
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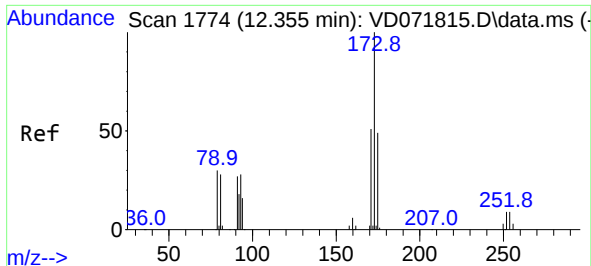
Tgt Ion: 95 Resp: 305939
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 71.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion: 117 Resp: 683691
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.5 26.6 40.0

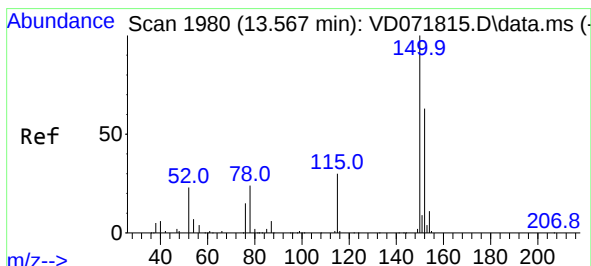
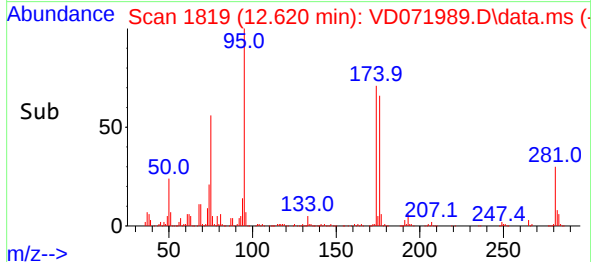
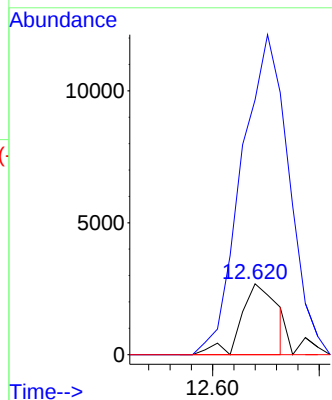
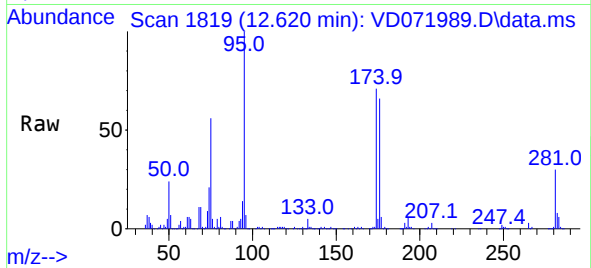




#71
Bromoform
Concen: 1.129 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

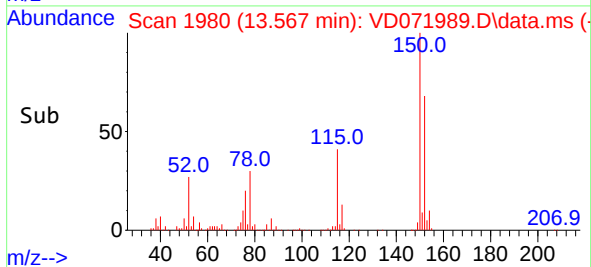
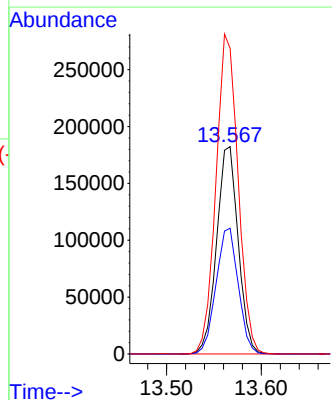
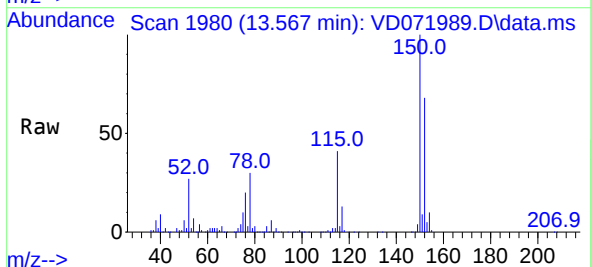
Instrument :
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BU-03-021522

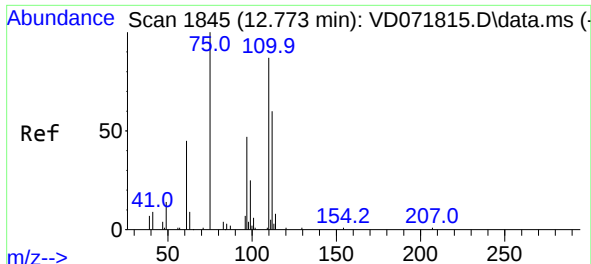
Tgt Ion:173 Resp: 3172
Ion Ratio Lower Upper
173 100
175 499.2 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion:152 Resp: 288511
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 158.0 0.0 348.6

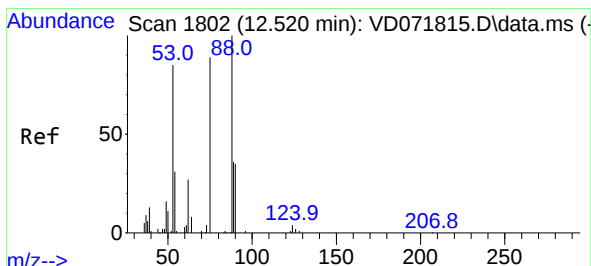
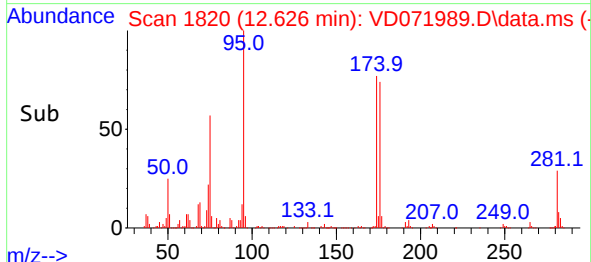
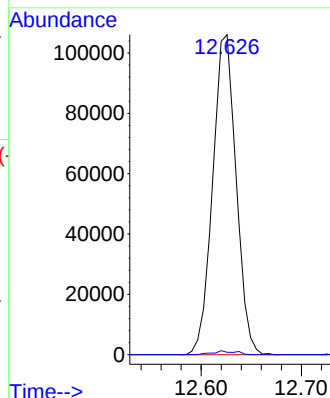
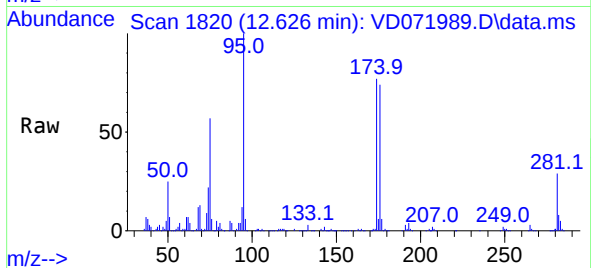




#76
1,2,3-Trichloropropane
Concen: 56.709 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

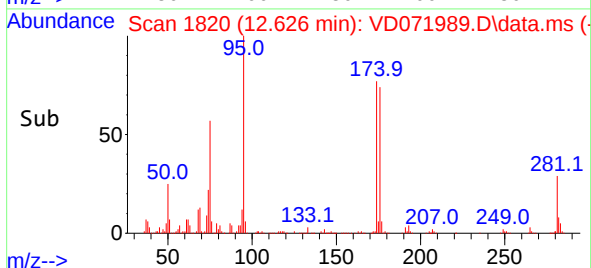
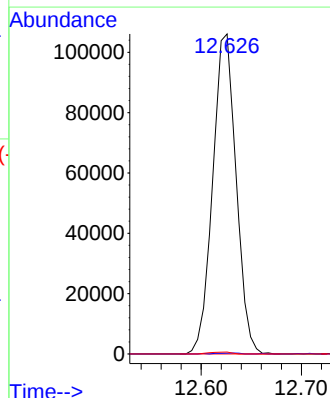
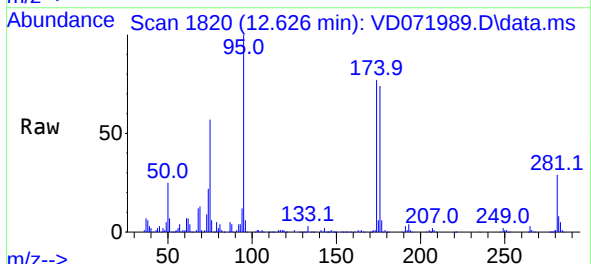
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021522

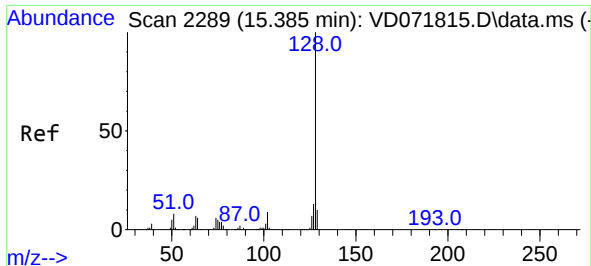
Tgt Ion: 75 Resp: 172426
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.434 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Tgt Ion: 75 Resp: 172426
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.5 33.9 50.9#





#95
Naphthalene
Concen: 1.702 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071989.D
Acq: 16 Feb 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :
BU-03-021522

Tgt Ion:128 Resp: 2564
Ion Ratio Lower Upper
128 100
127 5.6 10.3 15.5#
129 6.0 8.4 12.6#

