

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072012.D
 Acq On : 17 Feb 2022 14:32
 Operator : VA/SY
 Sample : N1579-04
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 18 06:37:58 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)

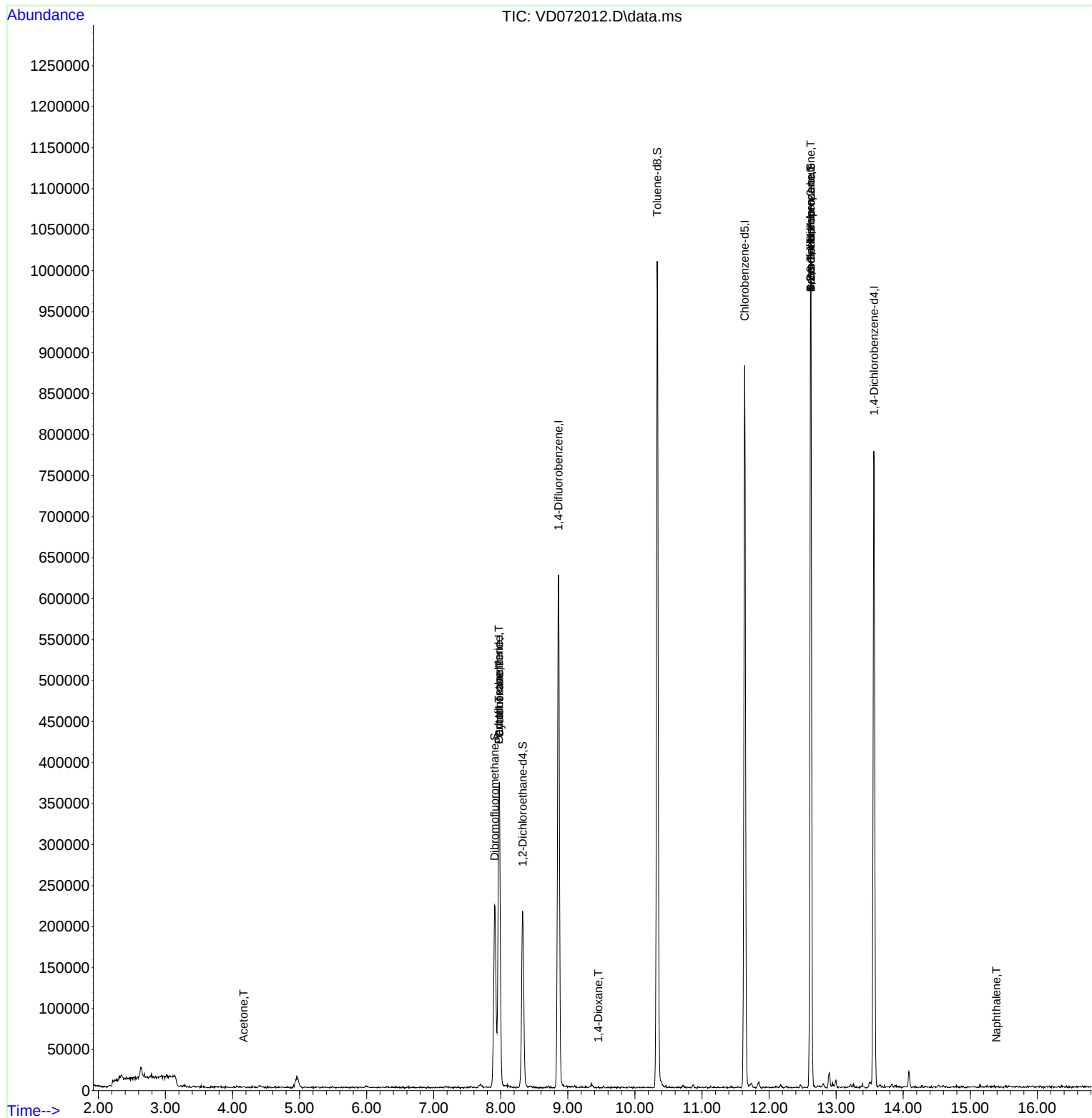
Internal Standards						
1) Pentafluorobenzene	7.973	168	240320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	468447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	425875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	169979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169341	55.750	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.500%			
35) Dibromofluoromethane	7.908	113	152906	49.657	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.320%			
50) Toluene-d8	10.332	98	614053	53.396	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.800%			
62) 4-Bromofluorobenzene	12.620	95	201101	50.076	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.160%			
Target Compounds						
11) Tert butyl alcohol	5.114	59	93	Below Cal	#	74
16) Acetone	4.167	43	1980	2.381	ug/l #	47
20) Methylene Chloride	4.955	84	9084	Below Cal	#	72
31) Cyclohexane	7.979	56	9975	1.720	ug/l #	38
38) Carbon Tetrachloride	7.973	117	28639	5.480	ug/l #	16
49) 1,4-Dioxane	9.455	88	53	2.411	ug/l #	21
71) Bromoform	12.620	173	2598	1.485	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	129415	72.244	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	129415	177.631	ug/l #	8
95) Naphthalene	15.390	128	785	1.583	ug/l #	70

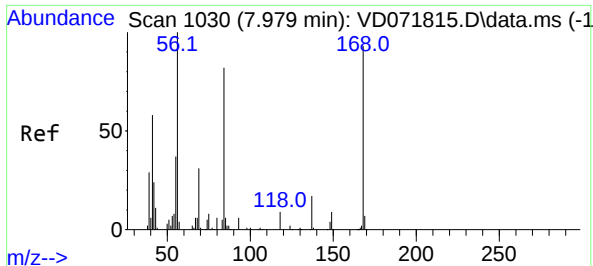
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

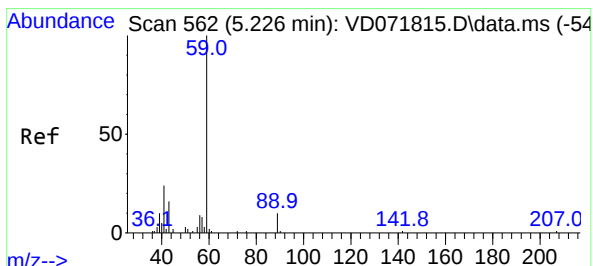
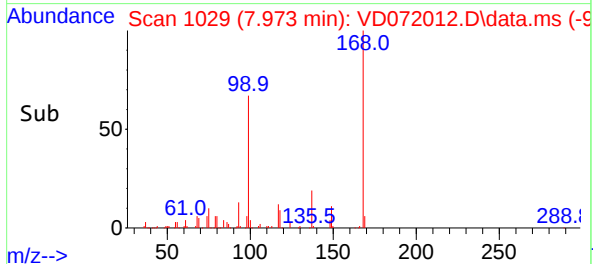
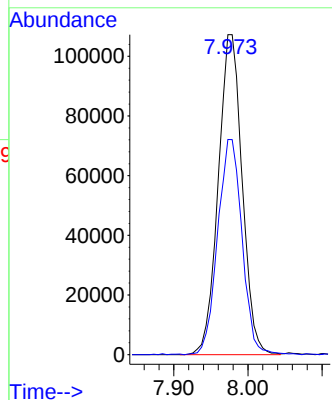
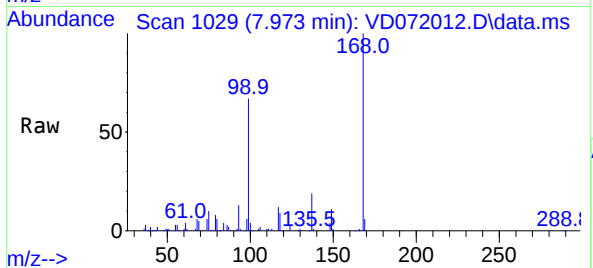




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

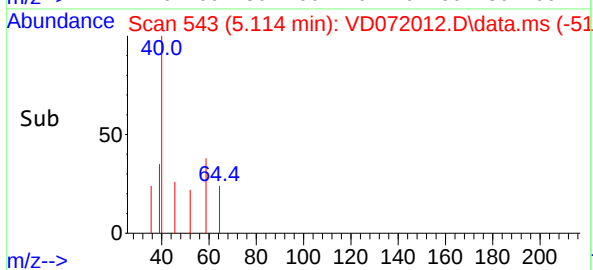
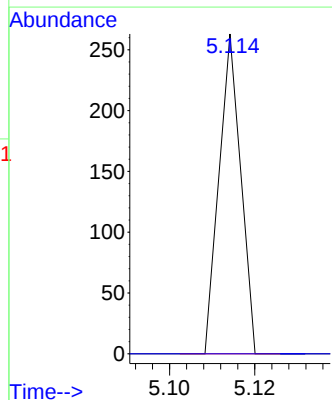
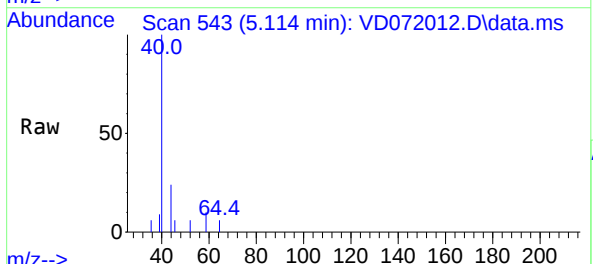
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 240320
Ion Ratio Lower Upper
168 100
99 67.1 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.114 min Scan# 543
Delta R.T. -0.106 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

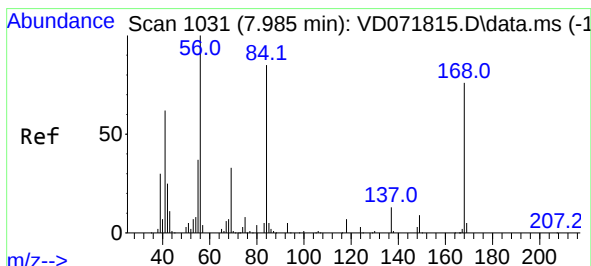
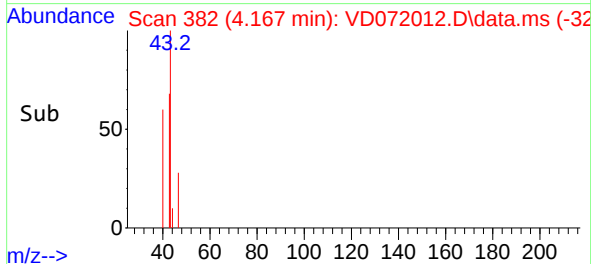
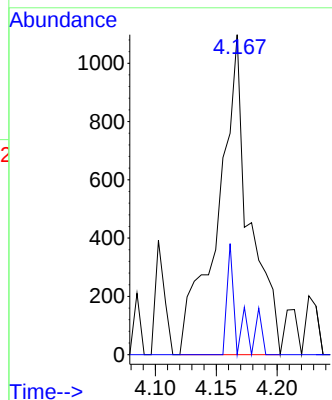
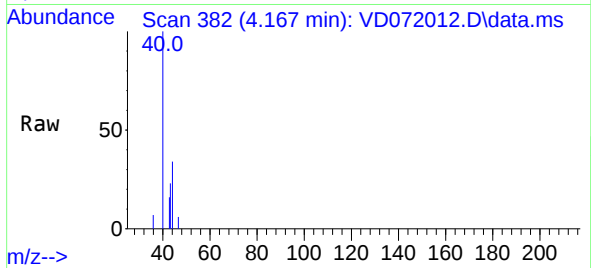




#16
Acetone
Concen: 2.381 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

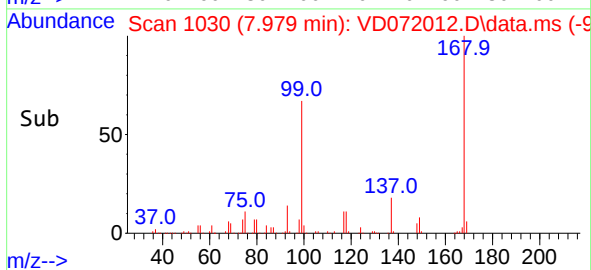
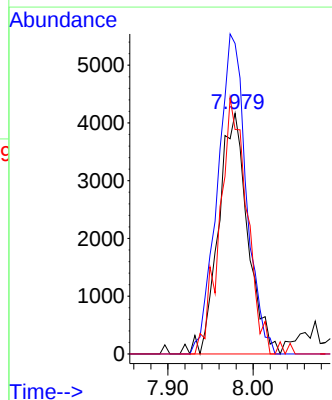
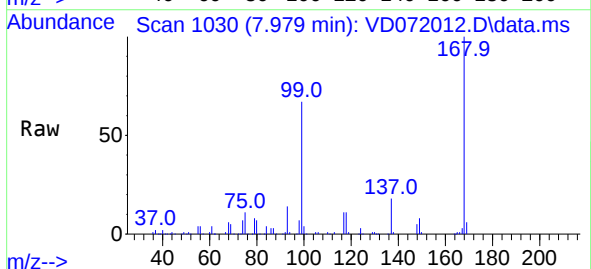
Instrument :
MSVOA_D
ClientSampleId :

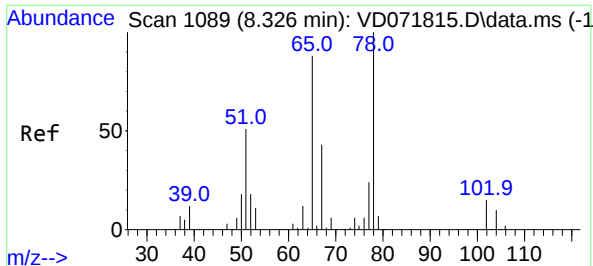
Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#31
Cyclohexane
Concen: 1.720 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion: 56 Resp: 9975
Ion Ratio Lower Upper
56 100
69 129.0 25.4 38.2#
84 93.3 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 55.750 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072012.D

Acq: 17 Feb 2022 14:32

Instrument :

MSVOA_D

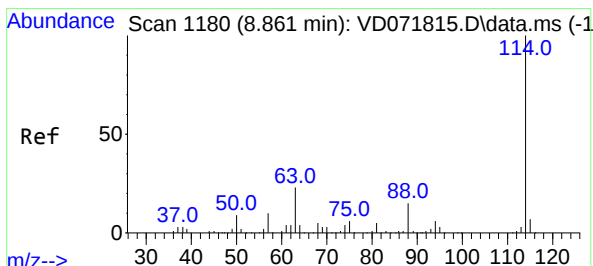
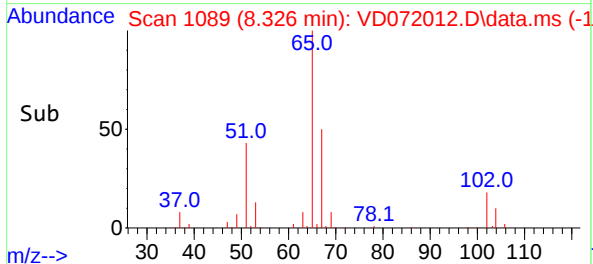
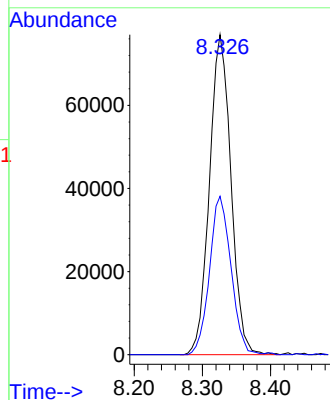
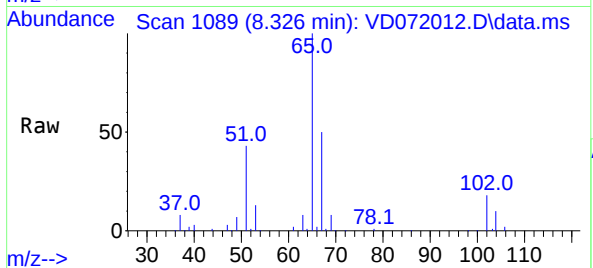
ClientSampleId :

Tgt Ion: 65 Resp: 169341

Ion Ratio Lower Upper

65 100

67 49.4 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: VD072012.D

Acq: 17 Feb 2022 14:32

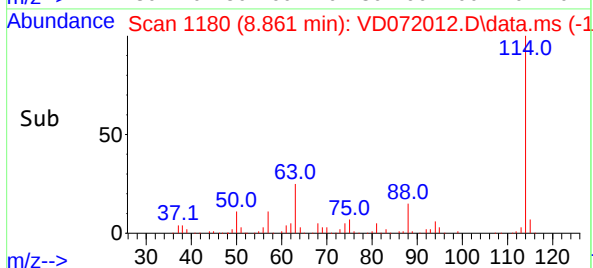
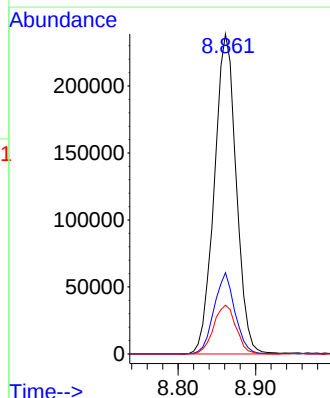
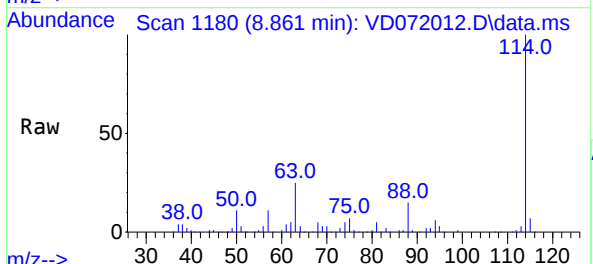
Tgt Ion:114 Resp: 468447

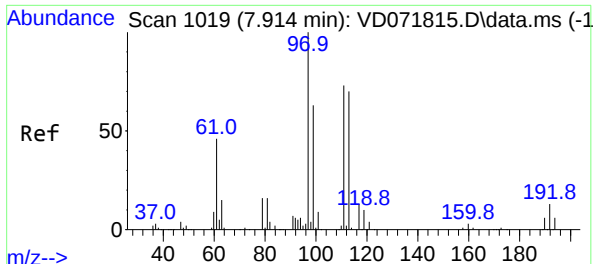
Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.657 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

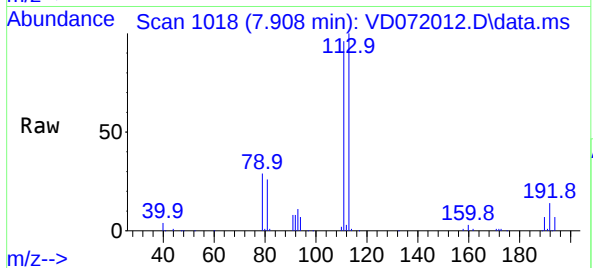
Lab File: VD072012.D

Acq: 17 Feb 2022 14:32

Instrument :

MSVOA_D

ClientSampleId :



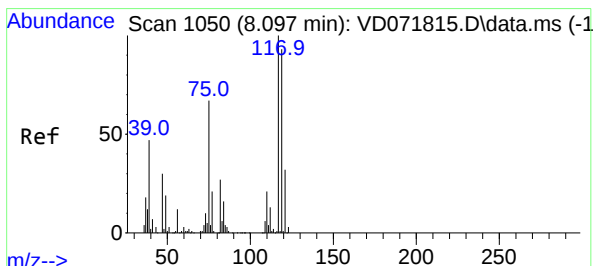
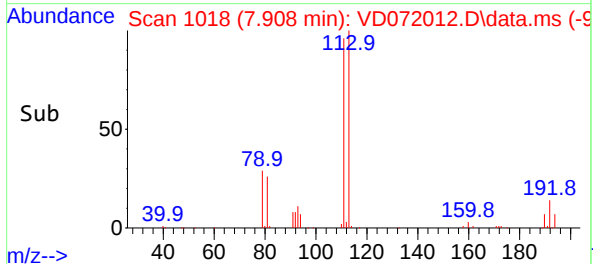
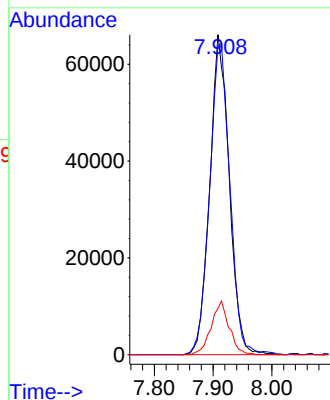
Tgt Ion:113 Resp: 152906

Ion Ratio Lower Upper

113 100

111 100.3 83.8 125.6

192 15.4 14.6 21.8



#38

Carbon Tetrachloride

Concen: 5.480 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072012.D

Acq: 17 Feb 2022 14:32

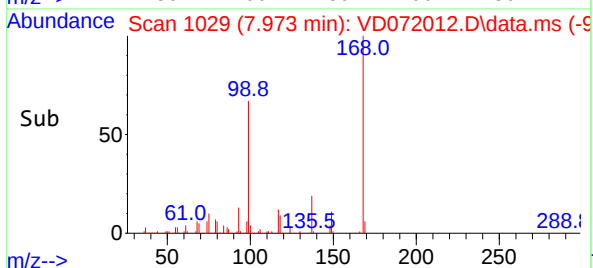
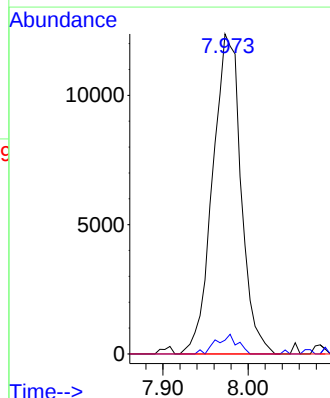
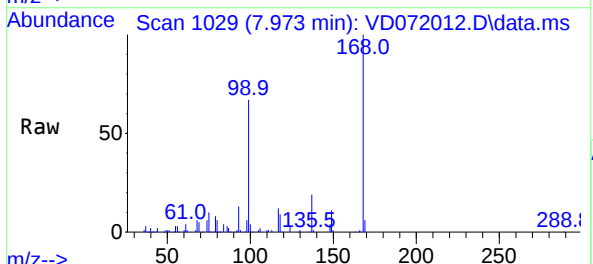
Tgt Ion:117 Resp: 28639

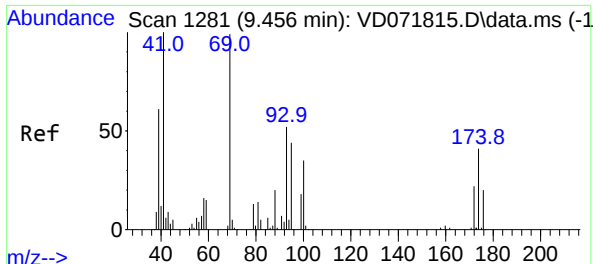
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

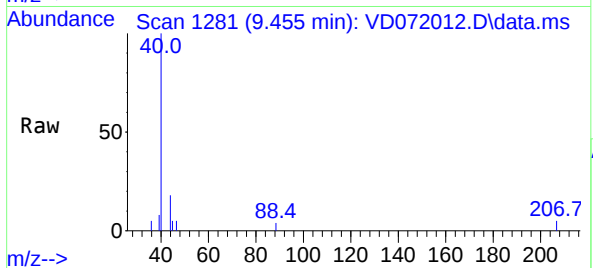
121 0.0 24.5 36.7#



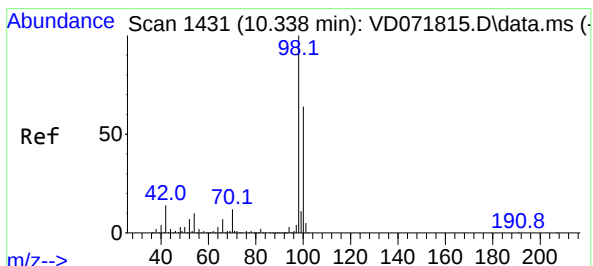
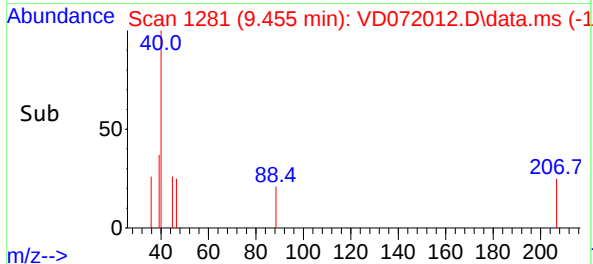
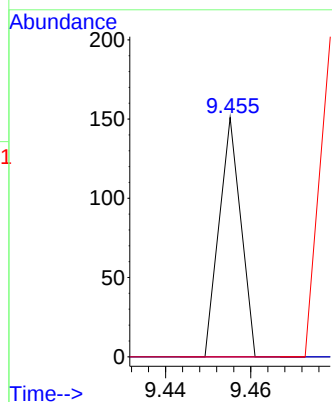


#49
1,4-Dioxane
Concen: 2.411 ug/l
RT: 9.455 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Instrument :
MSVOA_D
ClientSampleId :

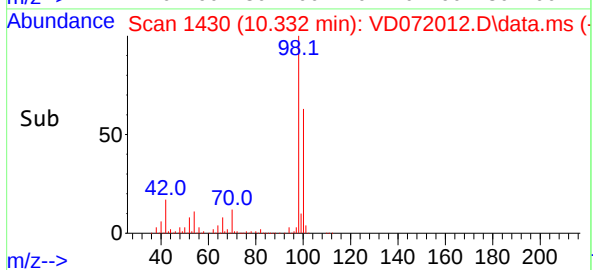
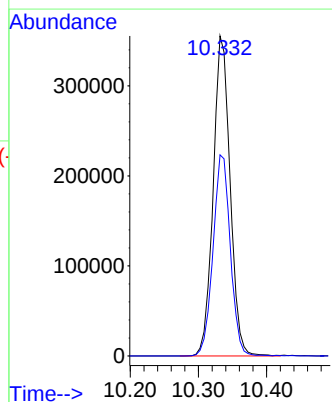
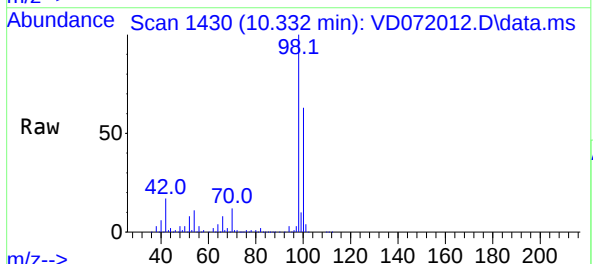


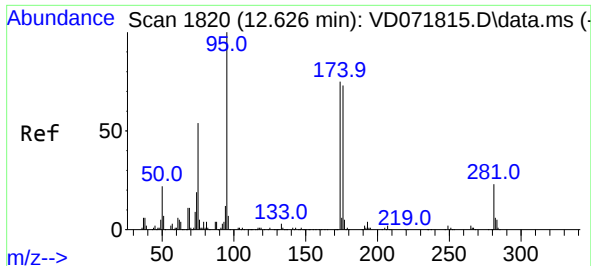
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 53.396 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion: 98 Resp: 614053
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6

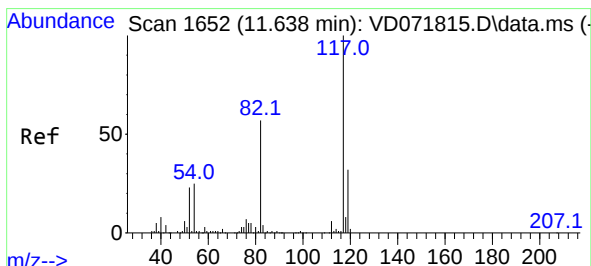
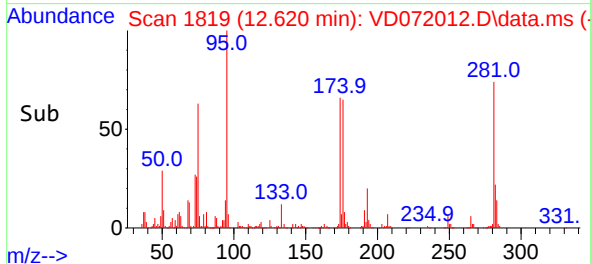
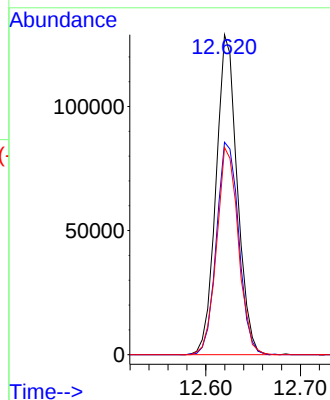
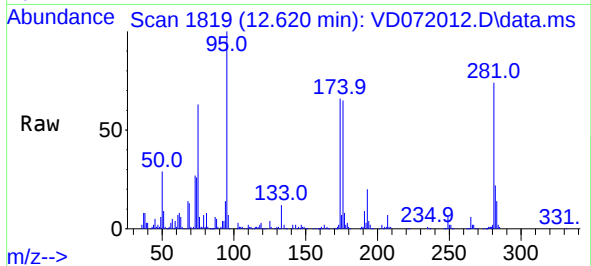




#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

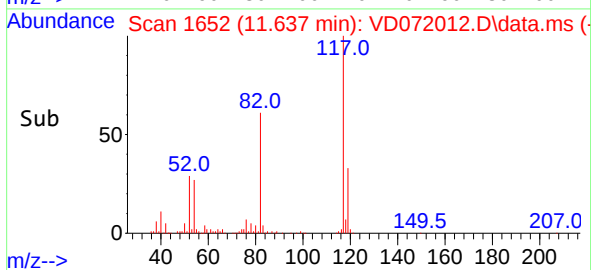
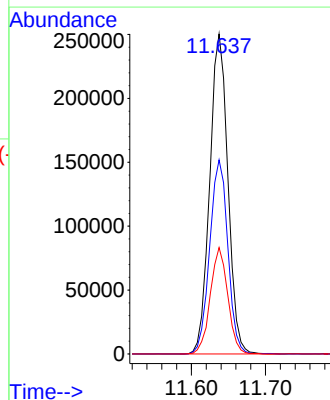
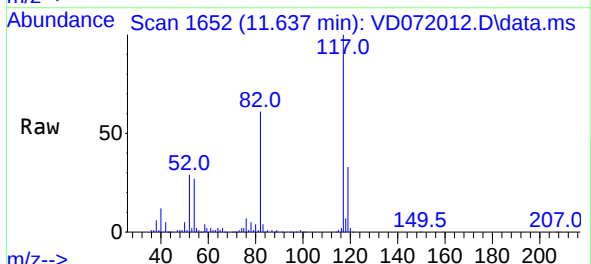
Instrument :
MSVOA_D
ClientSampleId :

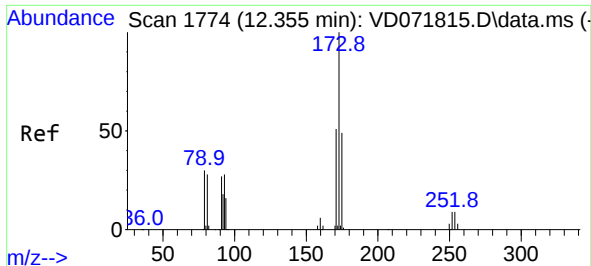
Tgt Ion: 95 Resp: 201101
Ion Ratio Lower Upper
95 100
174 69.6 0.0 152.8
176 66.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

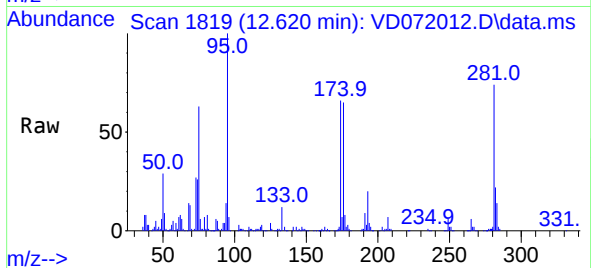
Tgt Ion: 117 Resp: 425875
Ion Ratio Lower Upper
117 100
82 60.7 45.3 67.9
119 33.3 26.6 40.0



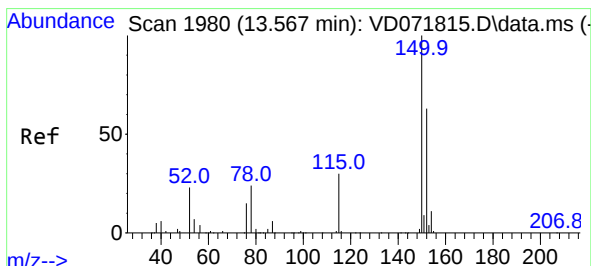
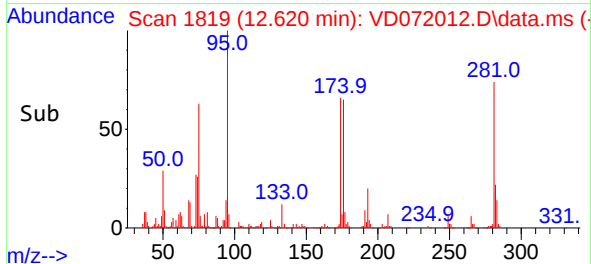
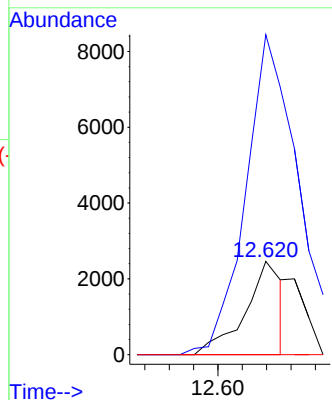


#71
Bromoform
Concen: 1.485 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.264 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Instrument :
MSVOA_D
ClientSampleId :

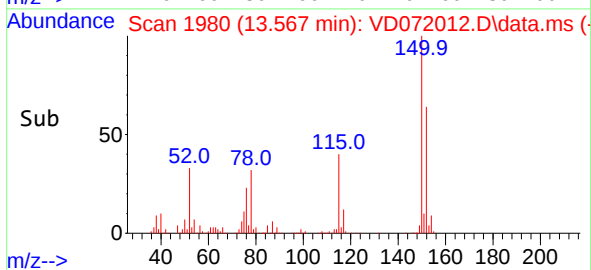
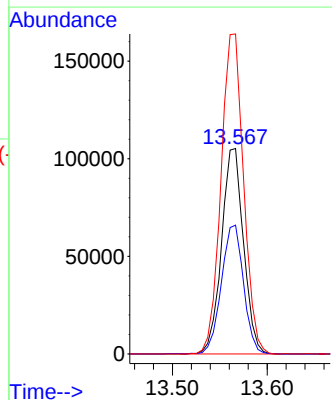
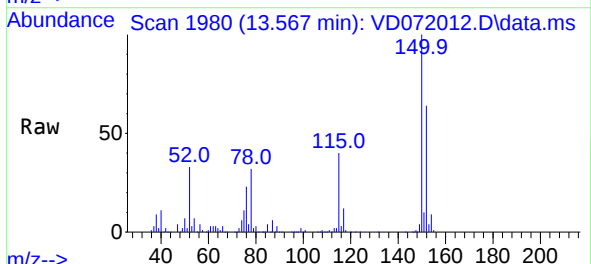


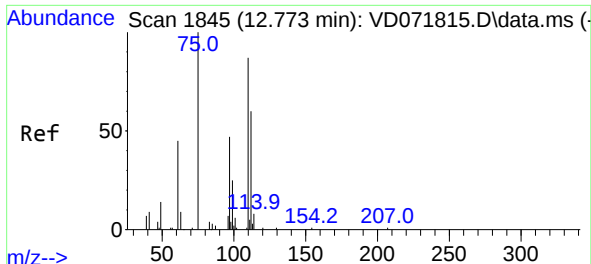
Tgt Ion:173 Resp: 2598
Ion Ratio Lower Upper
173 100
175 416.7 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion:152 Resp: 169979
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 160.0 0.0 348.6

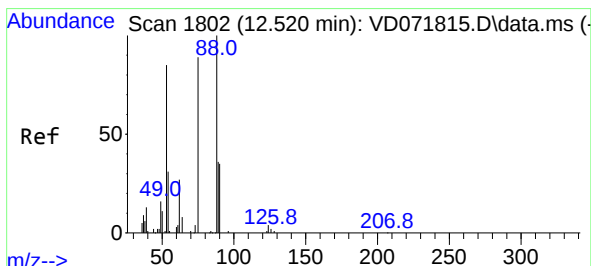
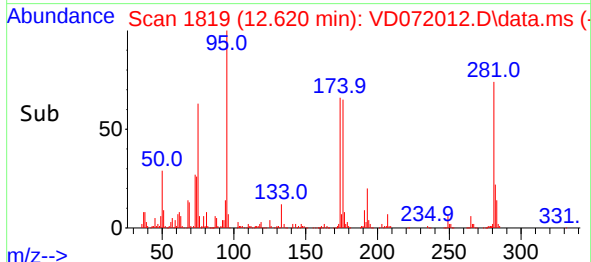
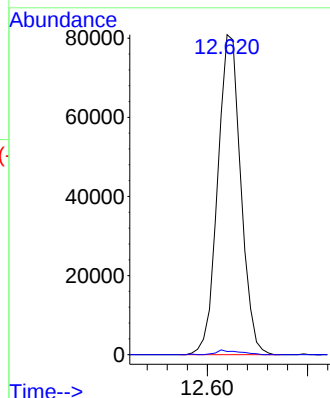
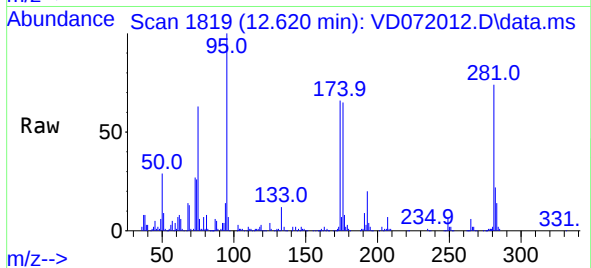




#76
1,2,3-Trichloropropane
Concen: 72.244 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

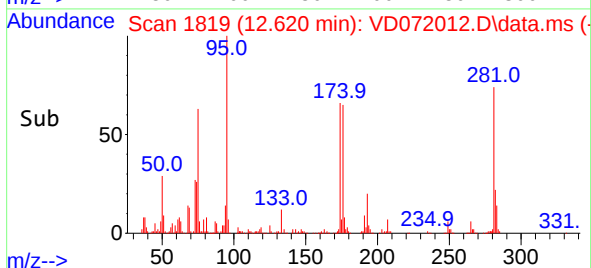
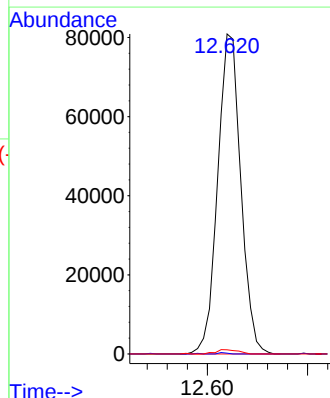
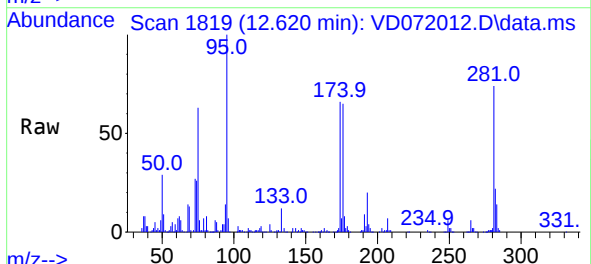
Instrument :
MSVOA_D
ClientSampleId :

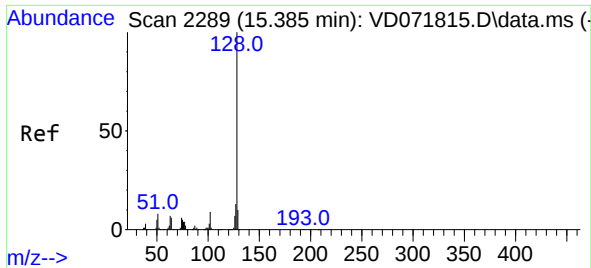
Tgt Ion: 75 Resp: 129415
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 177.631 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion: 75 Resp: 129415
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 1.3 33.9 50.9#





#95

Naphthalene

Concen: 1.583 ug/l

RT: 15.390 min Scan# 21

Delta R.T. 0.006 min

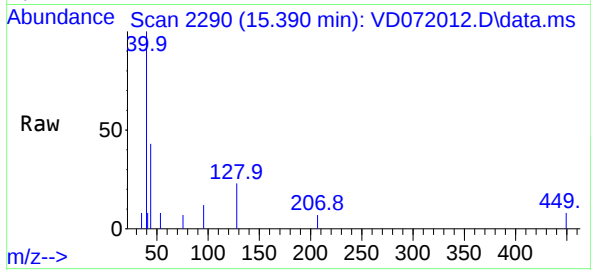
Lab File: VD072012.D

Acq: 17 Feb 2022 14:32

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 785

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

