

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059822.D
 Acq On : 16 Aug 2018 20:38
 Operator : VA/AP
 Sample : J4501-07
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 17 05:36:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	214695	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.66	114	254152	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	165899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	50059	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		5.99	65	129069	46.79	ug/l	-0.02
Spiked Amount	50.000			Recovery	=	93.58%	
35) Dibromofluoromethane		5.52	113	113481	51.24	ug/l	-0.02
Spiked Amount	50.000			Recovery	=	102.48%	
50) Toluene-d8		8.68	98	218308	41.62	ug/l	-0.03
Spiked Amount	50.000			Recovery	=	83.24%	
62) 4-Bromofluorobenzene		11.91	95	67126	28.57	ug/l	0.00
Spiked Amount	50.000			Recovery	=	57.14%	

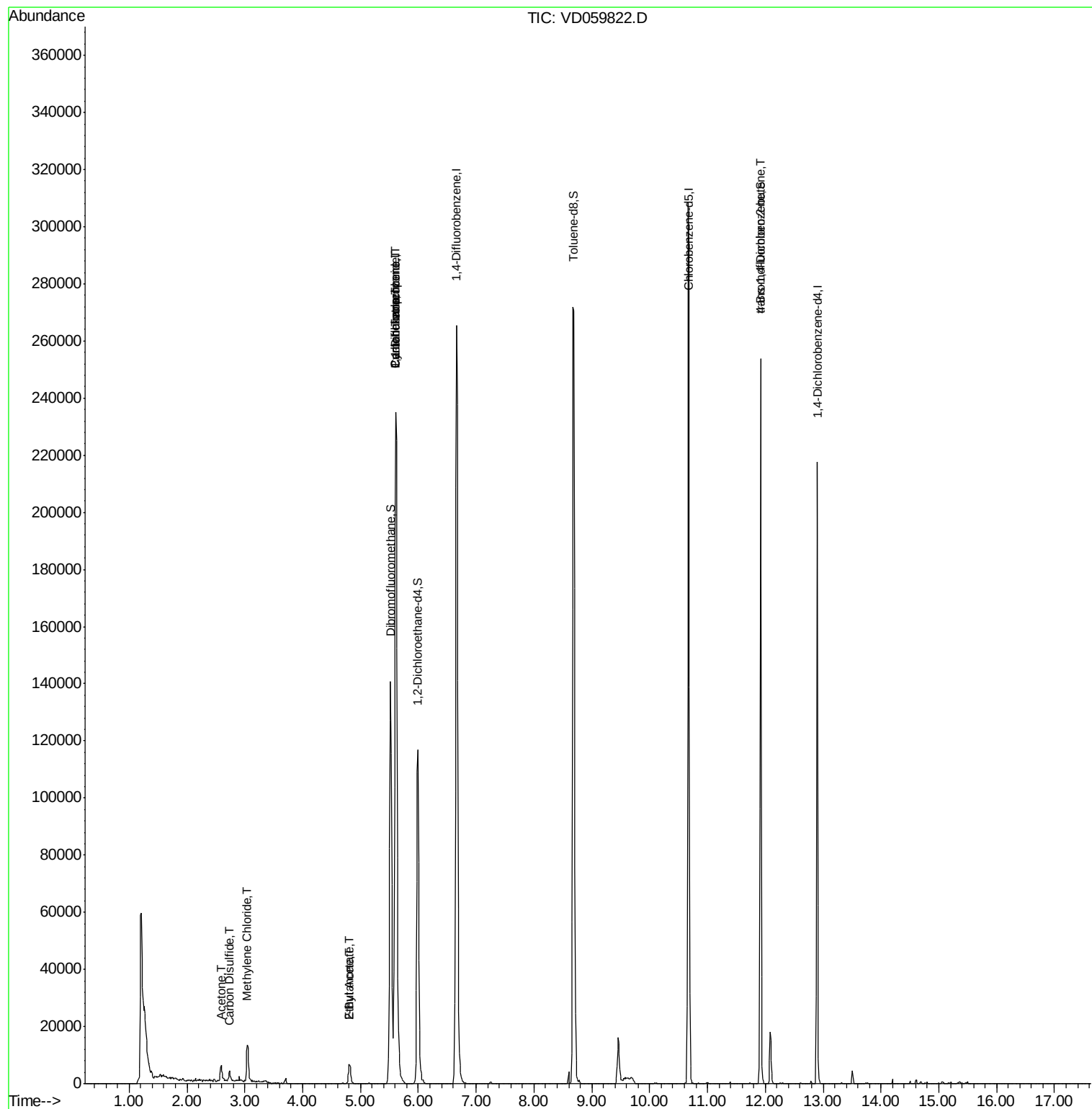
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	10451	24.007	ug/l #	87
17) Carbon Disulfide	2.74	76	4924	1.517	ug/l #	76
20) Methylene Chloride	3.04	84	6371	2.458	ug/l	98
25) 2-Butanone	4.81	43	3492	5.241	ug/l #	58
31) Cyclohexane	5.62	56	5845	2.086	ug/l #	3
36) 1,1-Dichloropropene	5.61	75	19904	7.633	ug/l #	53
37) Ethyl Acetate	4.81	43	3492	2.678	ug/l #	72
38) Carbon Tetrachloride	5.61	117	21190	6.736	ug/l #	13
81) trans-1,4-Dichloro-2-buten	11.91	75	35450	213.338	ug/l #	1

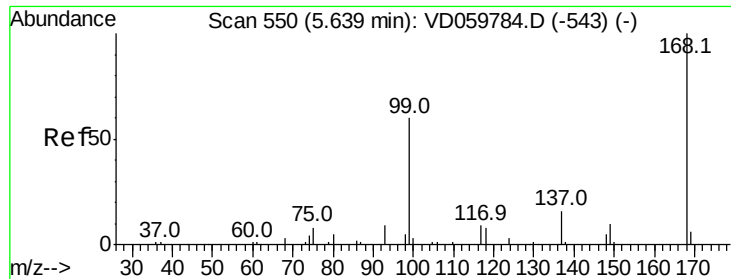
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081618\
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Quant Time: Aug 17 05:36:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
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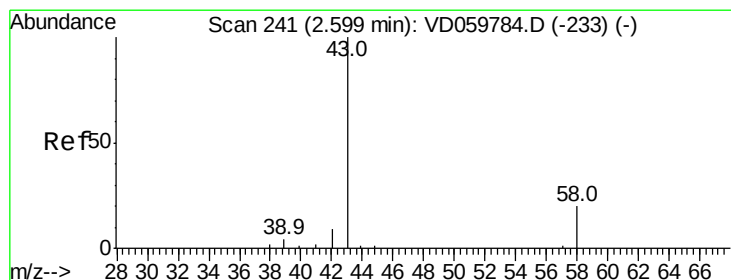
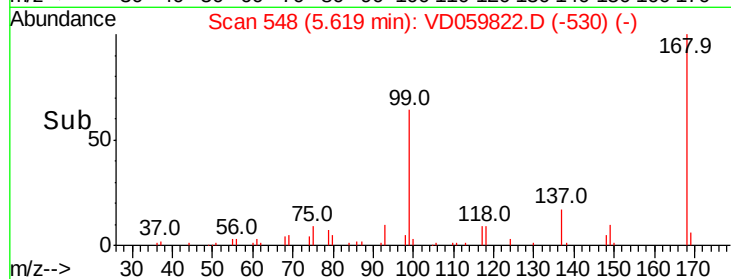
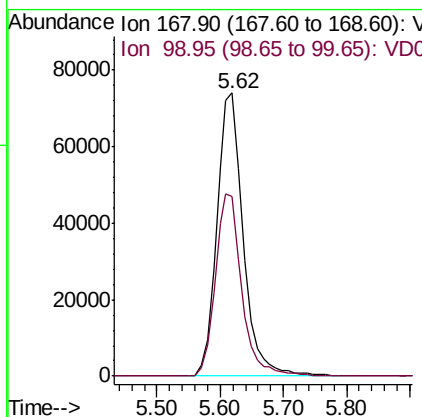
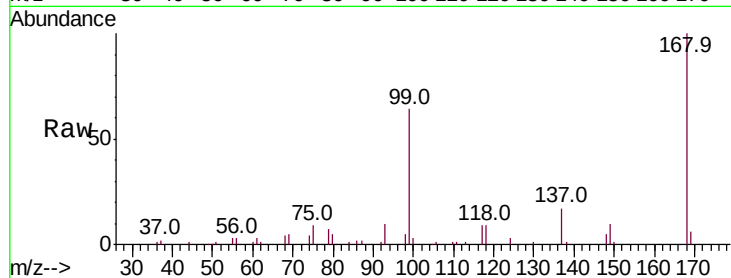




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.02 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

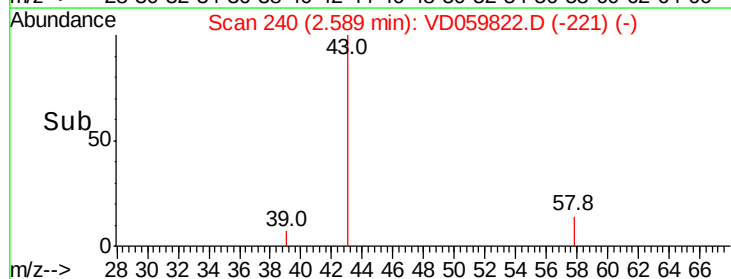
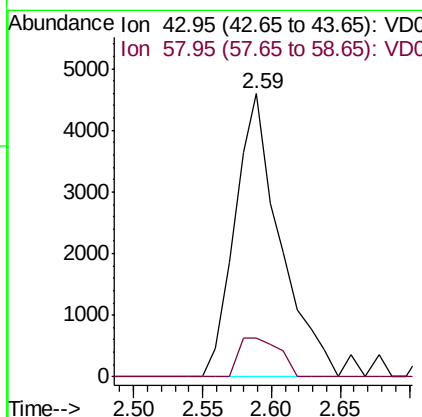
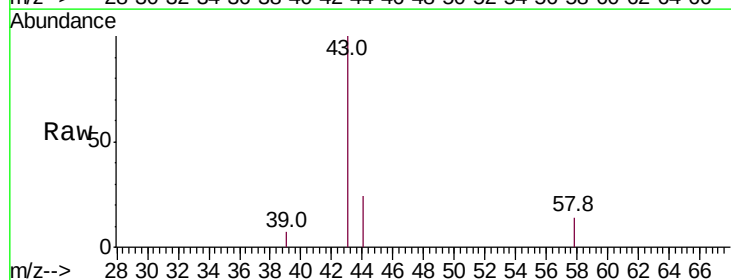
Instrument :
MSVOA_D
ClientSampleId :

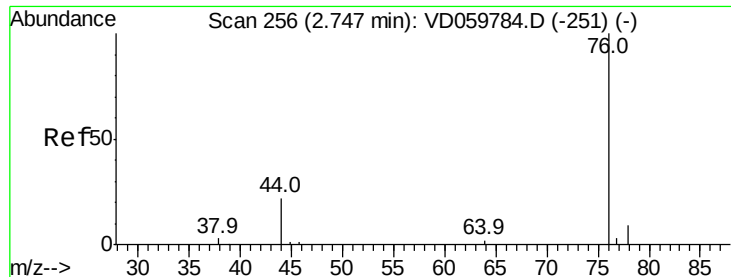
Tot Ion:168 Resp: 214695
Ion Ratio Lower Upper
168 100
99 63.7 50.3 75.5



#16
Acetone
Concen: 24.007 ug/l
RT: 2.59 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Tgt Ion: 43 Resp: 10451
Ion Ratio Lower Upper
43 100
58 13.8 15.7 23.5#

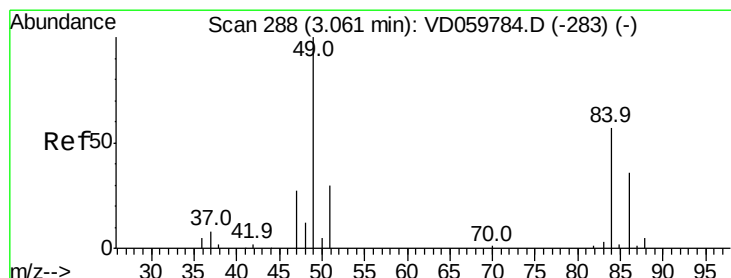
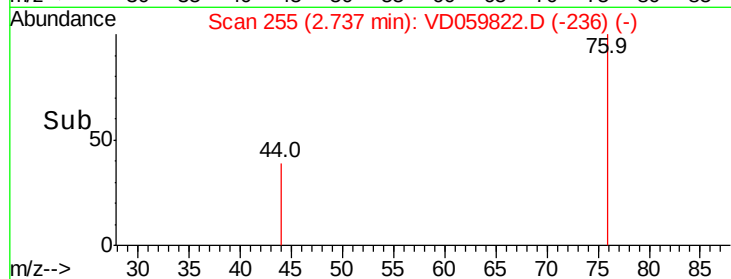
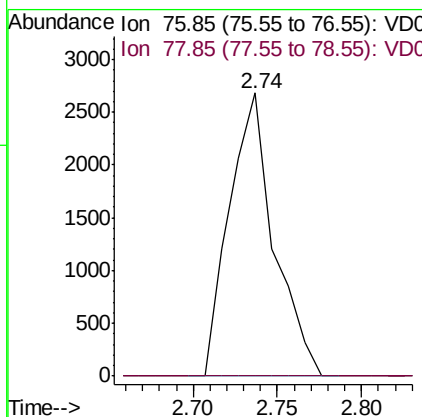
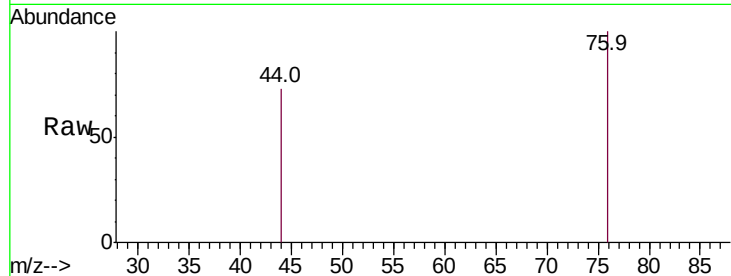




#17
Carbon Disulfide
Concen: 1.517 ug/l
RT: 2.74 min Scan# 255
Delta R.T. -0.01 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

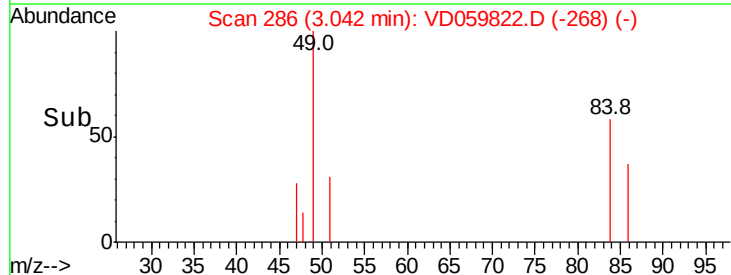
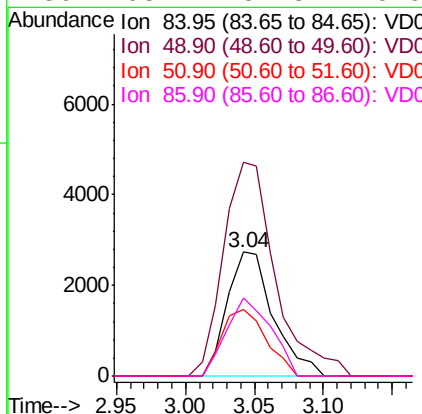
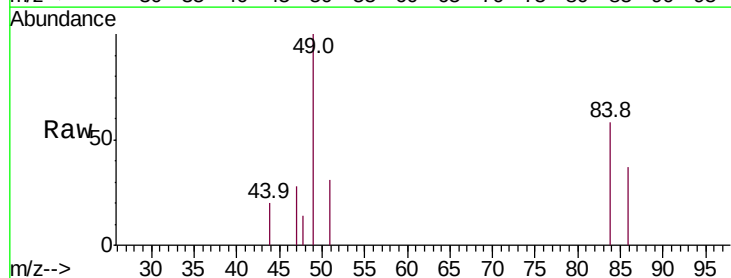
Instrument :
MSVOA_D
ClientSampleId :

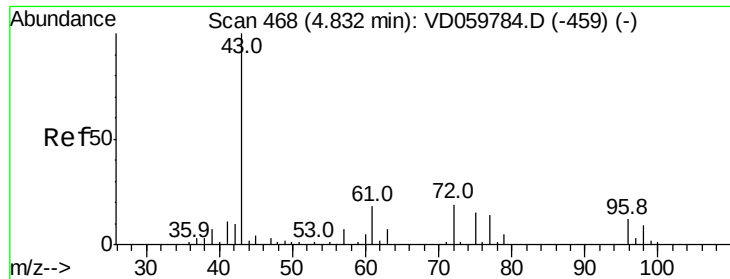
Tot Ion: 76 Resp: 4924
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#20
Methylene Chloride
Concen: 2.458 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Tgt Ion: 84 Resp: 6371
Ion Ratio Lower Upper
84 100
49 172.2 140.9 211.3
51 53.5 42.8 64.2
86 63.2 51.3 76.9





#25

2-Butanone

Concen: 5.241 ug/l

RT: 4.81 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD059822.D

Acq: 16 Aug 2018 20:38

Instrument :

MSVOA_D

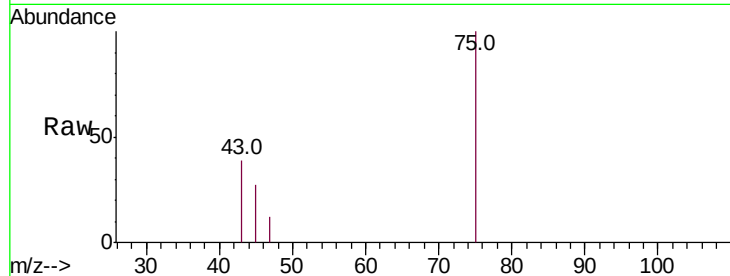
ClientSampleId :

Tot Ion: 43 Resp: 3492

Ion Ratio Lower Upper

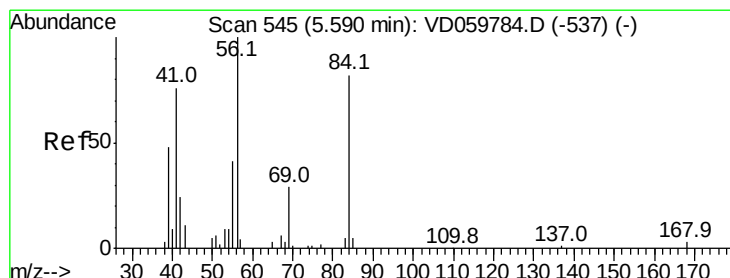
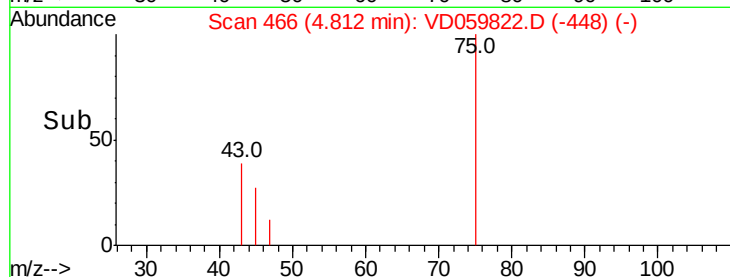
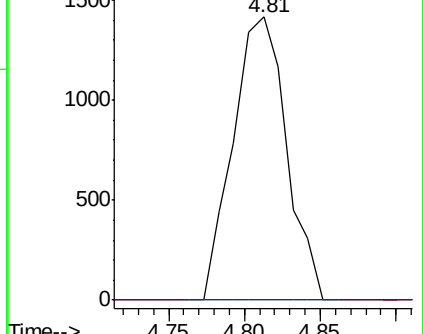
43 100

72 0.0 14.9 22.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 2.086 ug/l

RT: 5.62 min Scan# 548

Delta R.T. 0.03 min

Lab File: VD059822.D

Acq: 16 Aug 2018 20:38

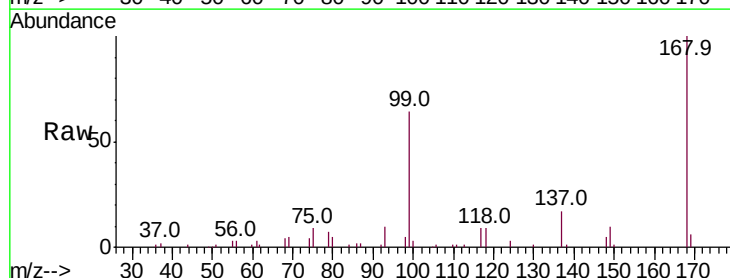
Tgt Ion: 56 Resp: 5845

Ion Ratio Lower Upper

56 100

69 170.8 23.4 35.2#

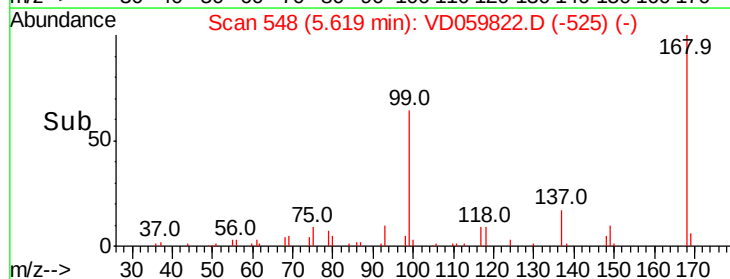
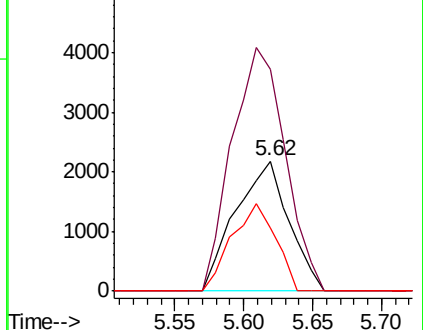
84 49.0 65.4 98.2#

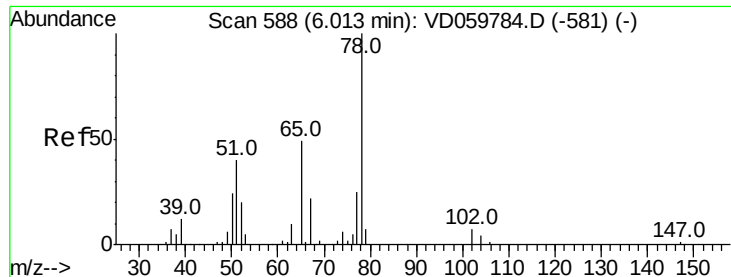


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

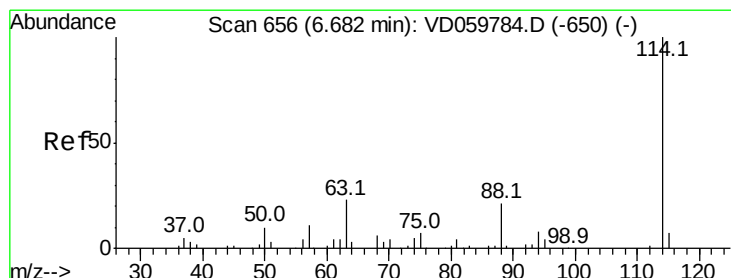
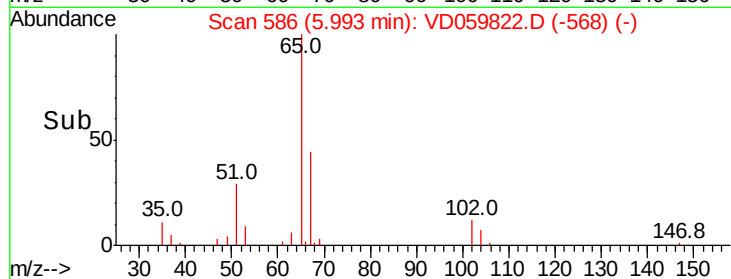
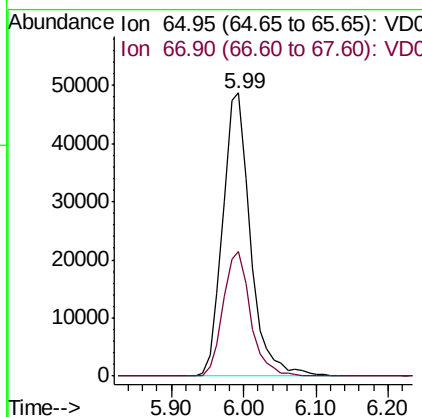
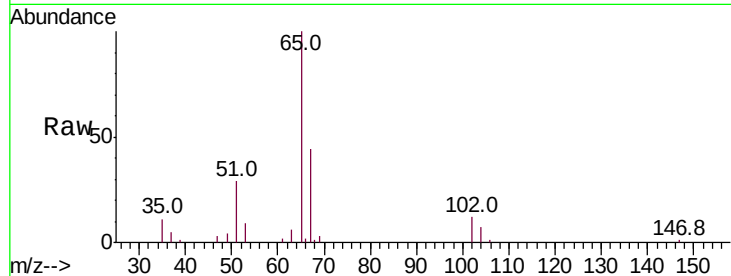




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.99 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: VD059822.D
 Acq: 16 Aug 2018 20:38

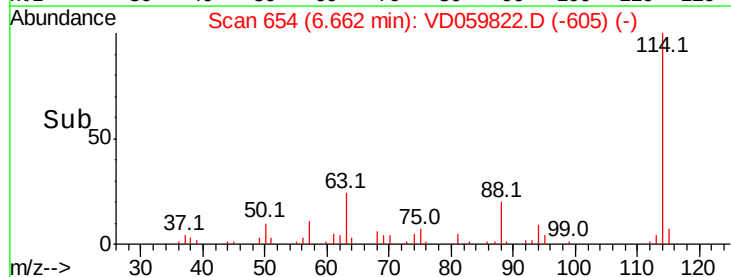
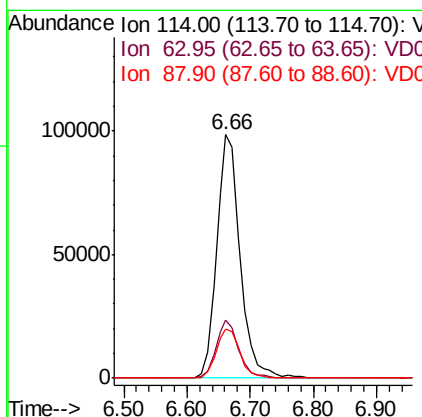
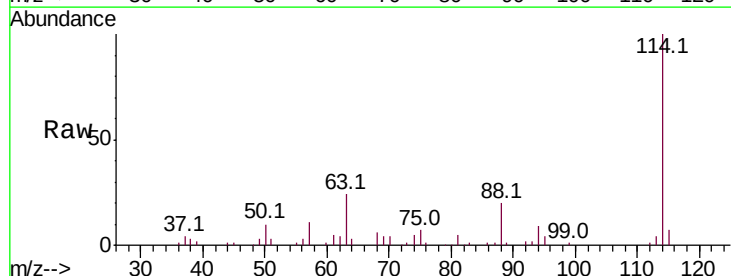
Instrument :
 MSVOA_D
 ClientSampleId :

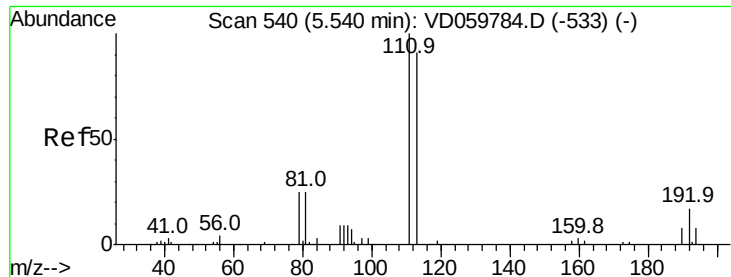
Tot Ion: 65 Resp: 129069
 Ion Ratio Lower Upper
 65 100
 67 44.2 0.0 87.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: VD059822.D
 Acq: 16 Aug 2018 20:38

Tgt Ion:114 Resp: 254152
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.0
 88 20.3 0.0 41.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.52 min Scan# 538

Delta R.T. -0.02 min

Lab File: VD059822.D

Acq: 16 Aug 2018 20:38

Instrument :
MSVOA_D
ClientSampled :

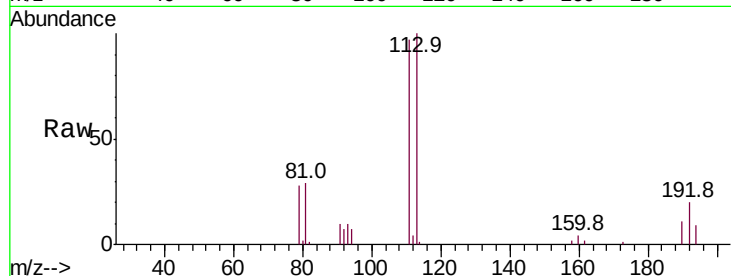
Tot Ion:113 Resp: 113481

Ion Ratio Lower Upper

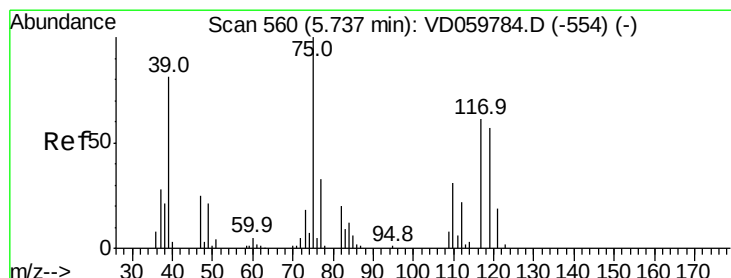
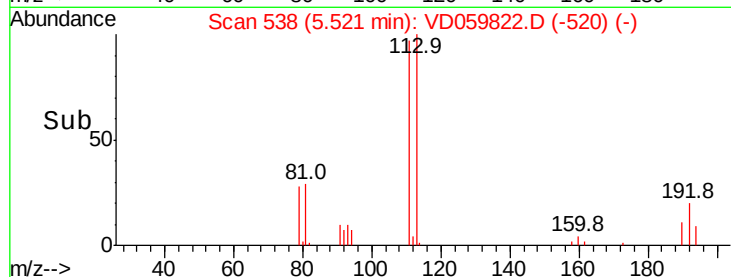
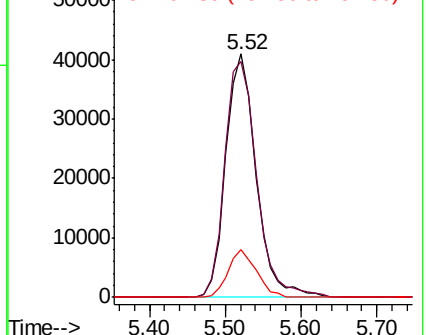
113 100

111 96.8 87.7 131.5

192 19.6 14.6 21.8



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 7.633 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.13 min

Lab File: VD059822.D

Acq: 16 Aug 2018 20:38

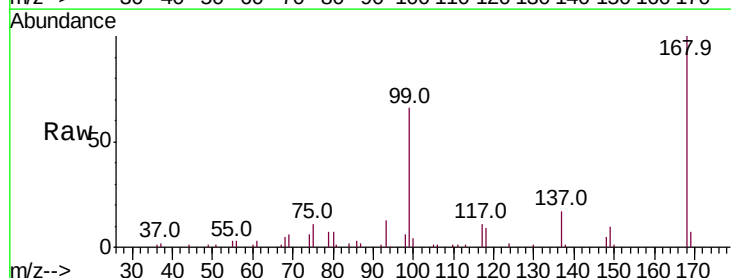
Tgt Ion: 75 Resp: 19904

Ion Ratio Lower Upper

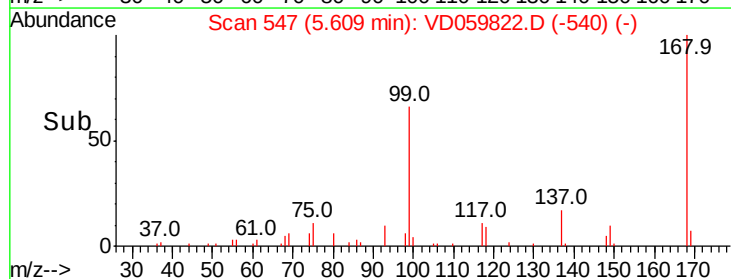
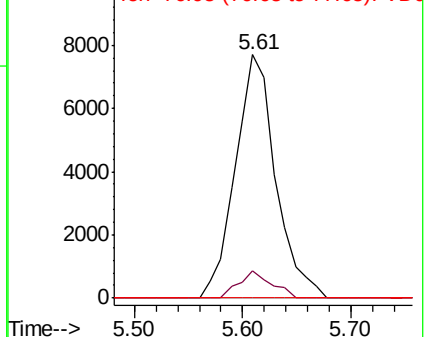
75 100

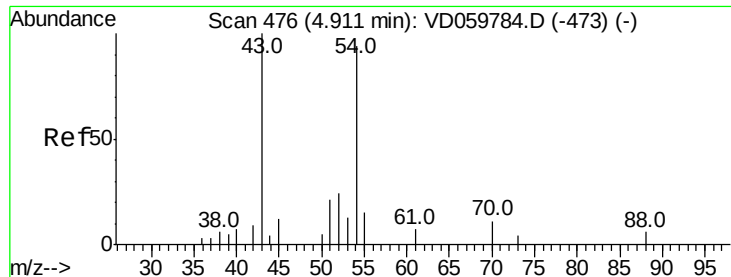
110 11.0 15.3 45.8#

77 0.0 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

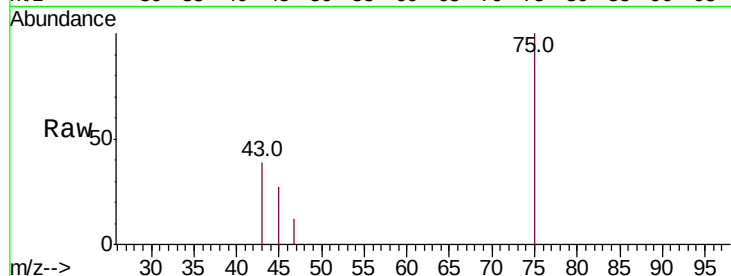




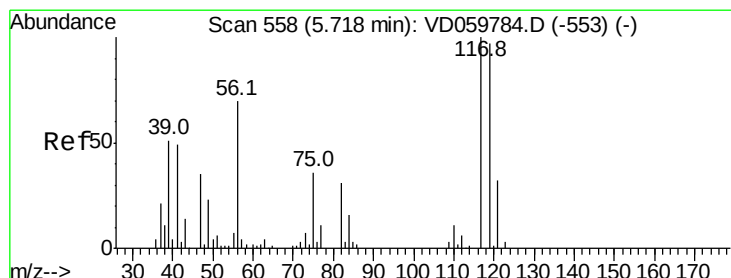
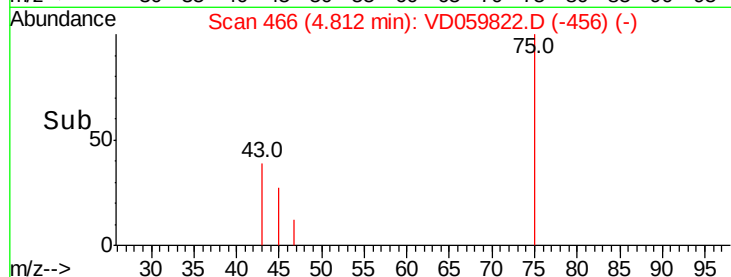
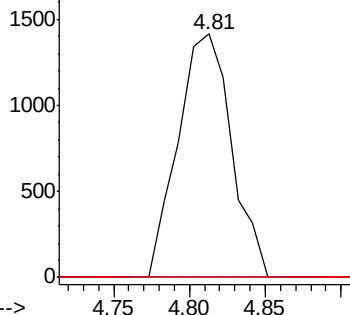
#37
Ethyl Acetate
Concen: 2.678 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.10 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 5.8 8.8#

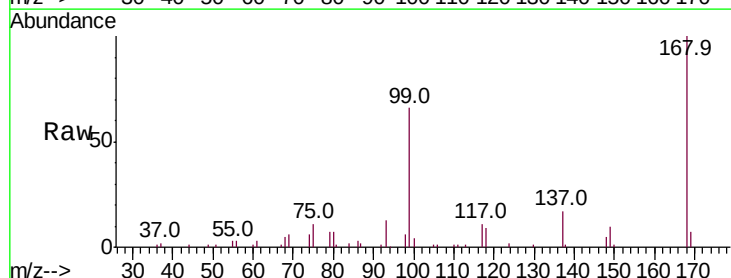


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

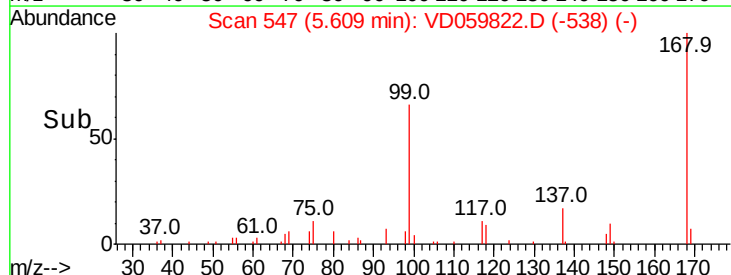
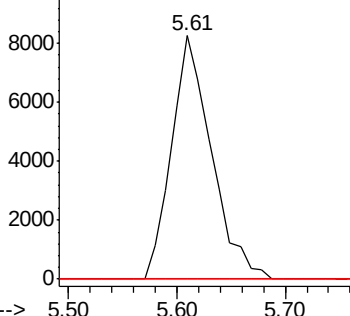


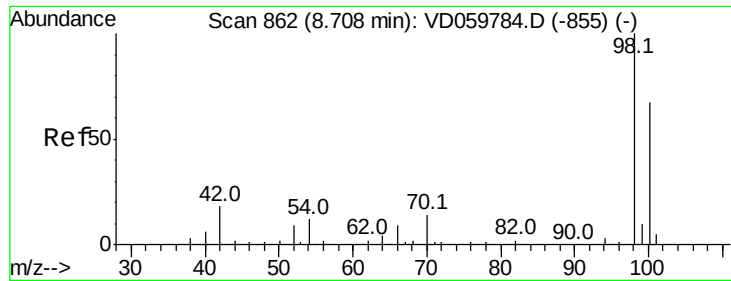
#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.11 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Tgt Ion: 117 Resp: 21190
Ion Ratio Lower Upper
117 100
119 0.0 75.7 113.5#
121 0.0 24.7 37.1#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

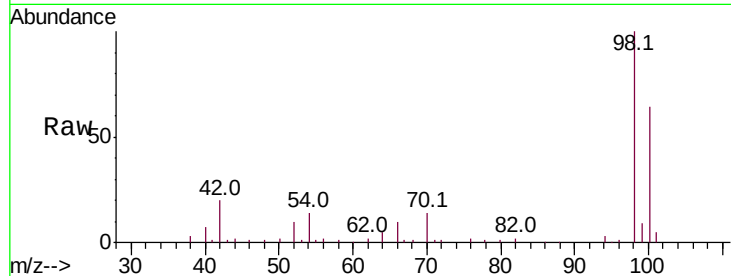




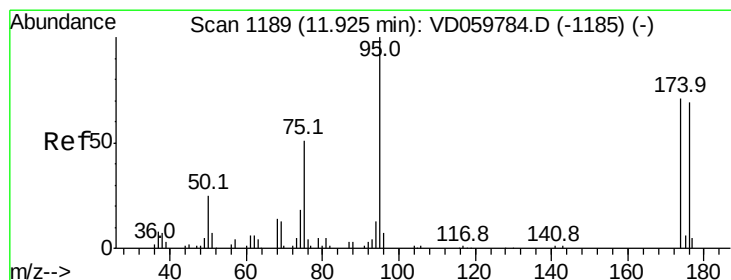
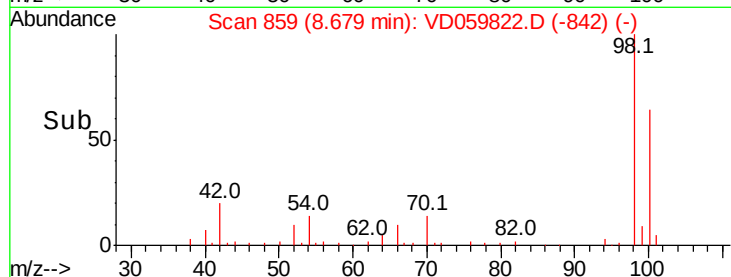
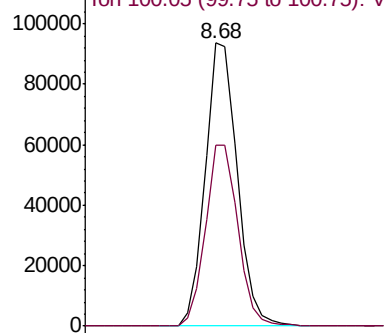
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 859
Delta R.T. -0.03 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 218308
Ion Ratio Lower Upper
98 100
100 64.1 54.2 81.4

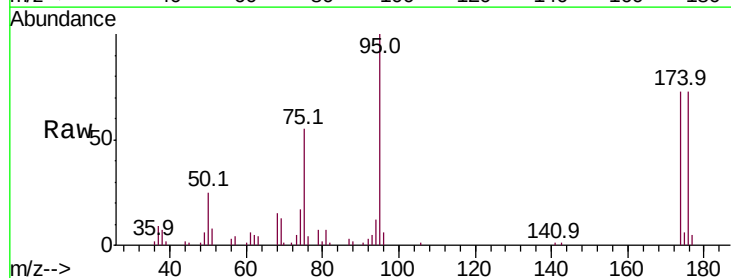


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

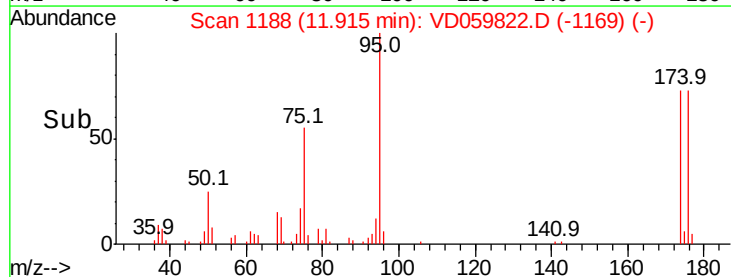
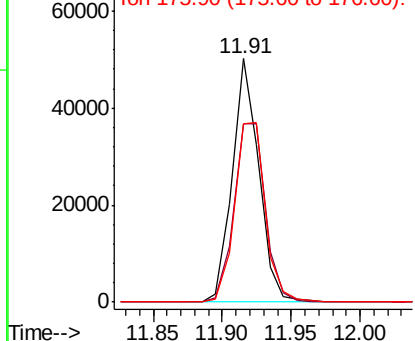


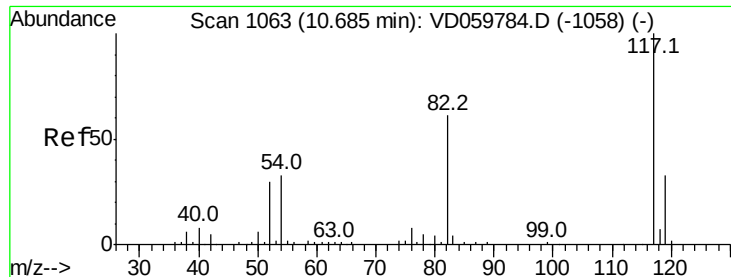
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.91 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Tgt Ion: 95 Resp: 67126
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.2
176 73.2 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

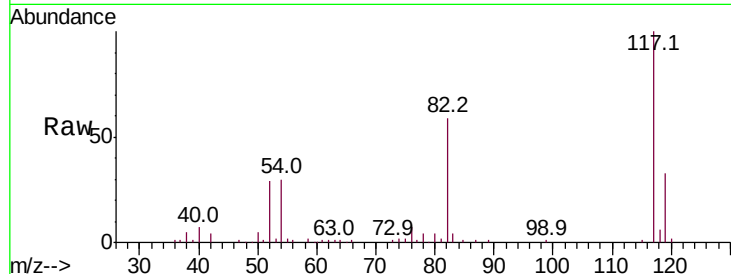




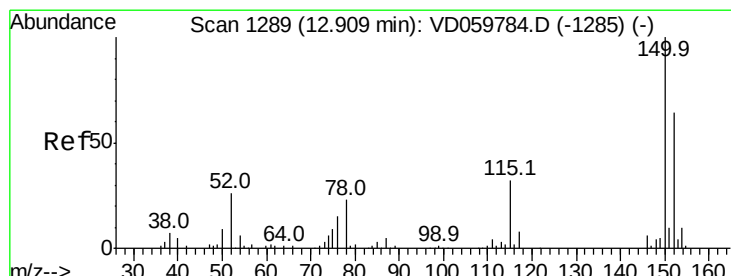
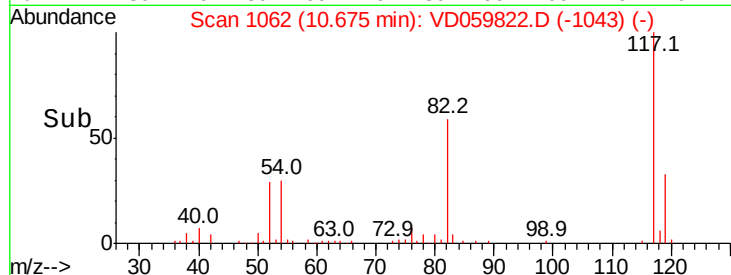
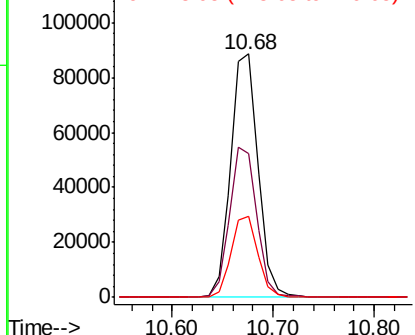
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 165899
Ion Ratio Lower Upper
117 100
82 58.9 49.0 73.6
119 33.1 26.2 39.2

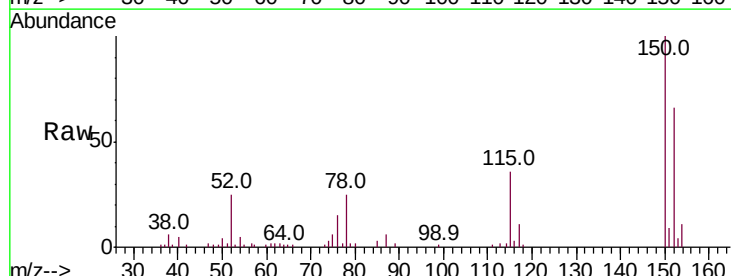


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

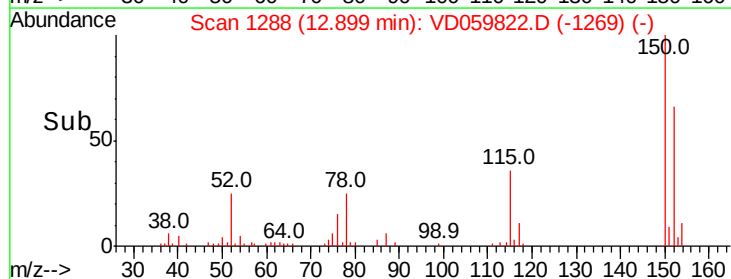
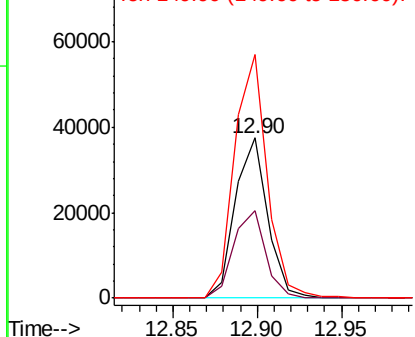


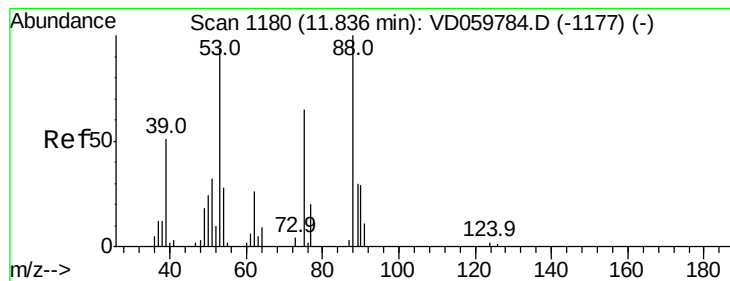
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059822.D
Acq: 16 Aug 2018 20:38

Tgt Ion:152 Resp: 50059
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.5
150 152.0 0.0 312.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 213.338 ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD059822.D

Acq: 16 Aug 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

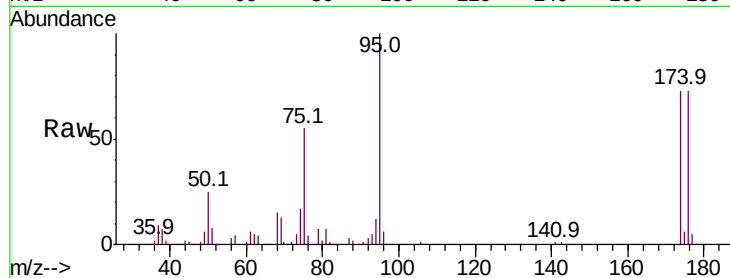
Tot Ion: 75 Resp: 35450

Ion Ratio Lower Upper

75 100

53 0.0 116.2 174.2#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

