

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059473.D
 Acq On : 28 Jun 2018 20:10
 Operator : VA/AP
 Sample : J3677-04
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 01:28:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	606299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	451087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	182314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	200617	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
35) Dibromofluoromethane	5.55	113	231311	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	8.71	98	419763	36.36	ug/l	0.00
Spiked Amount			Recovery	=	72.72%	
62) 4-Bromofluorobenzene	11.93	95	149389	31.11	ug/l	0.00
Spiked Amount			Recovery	=	62.22%	

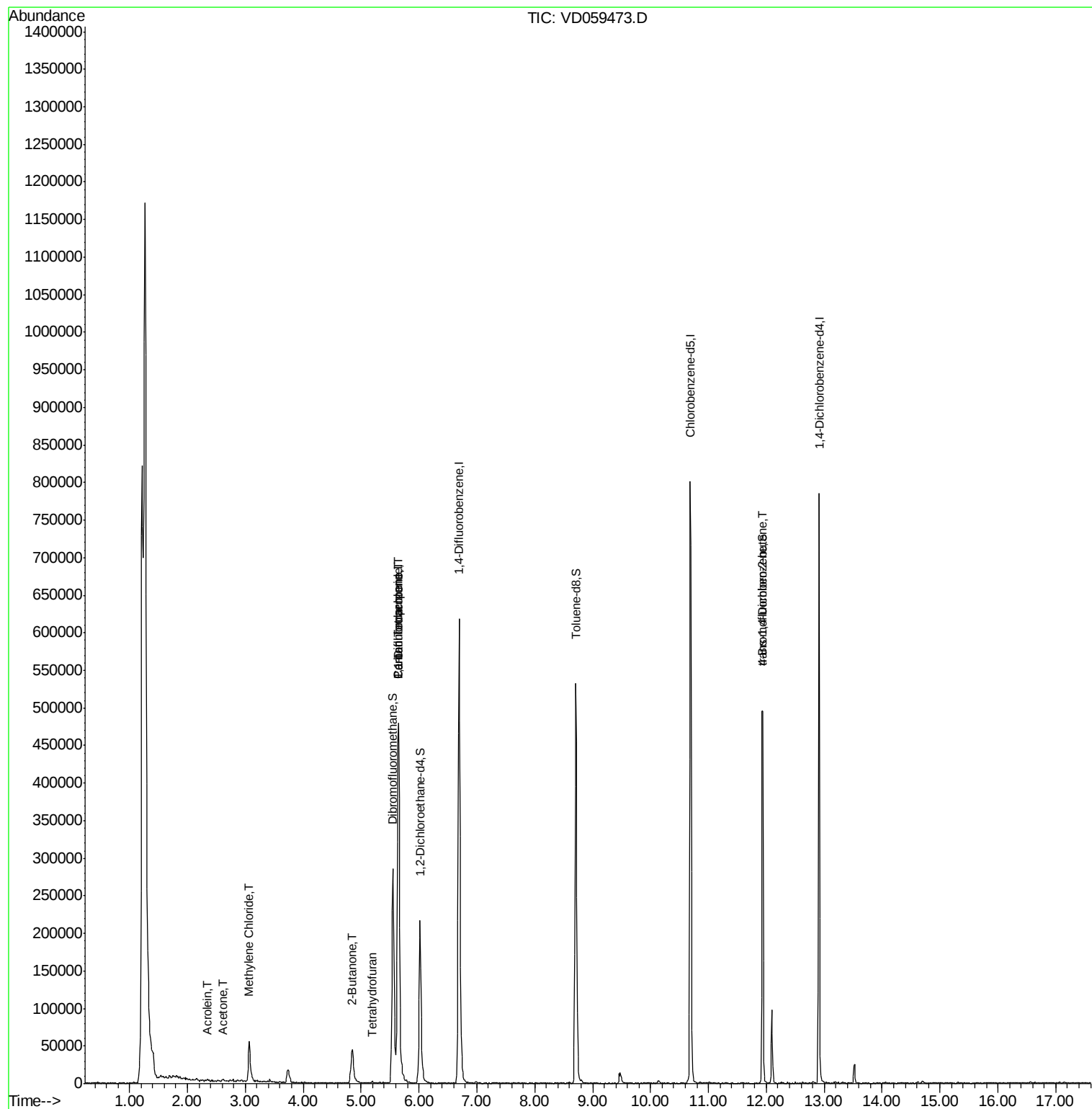
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.84	94	389	Below Cal	#	4
13) Acrolein	2.36	56	195	1.263	ug/l #	16
16) Acetone	2.62	43	6031	9.570	ug/l	99
18) Methyl Acetate	2.93	43	1018	Below Cal	#	66
20) Methylene Chloride	3.07	84	23041	11.250	ug/l	87
25) 2-Butanone	4.84	43	3428	2.597	ug/l #	57
29) Tetrahydrofuran	5.20	42	849	1.176	ug/l #	62
31) Cyclohexane	5.65	56	10536	Below Cal	#	1
36) 1,1-Dichloropropene	5.65	75	42211	7.675	ug/l #	50
38) Carbon Tetrachloride	5.64	117	39575	6.979	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.93	75	70640	123.588	ug/l #	1

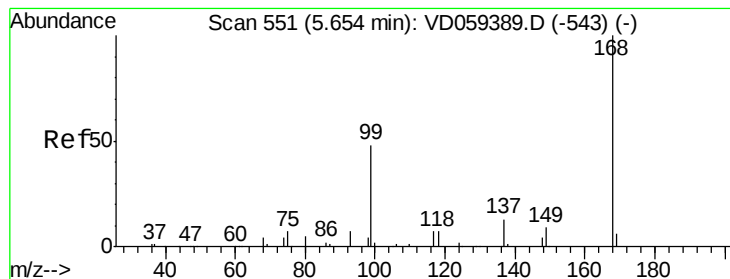
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
Data File : VD059473.D
Acq On : 28 Jun 2018 20:10
Operator : VA/AP
Sample : J3677-04
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 29 01:28:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

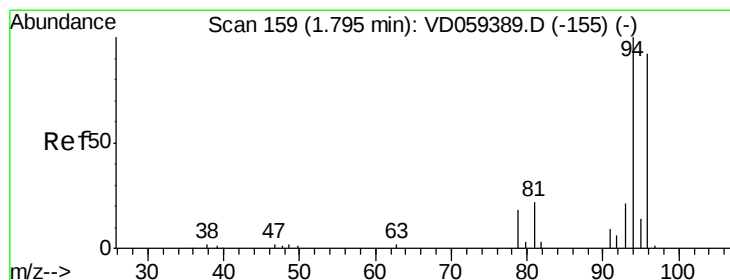
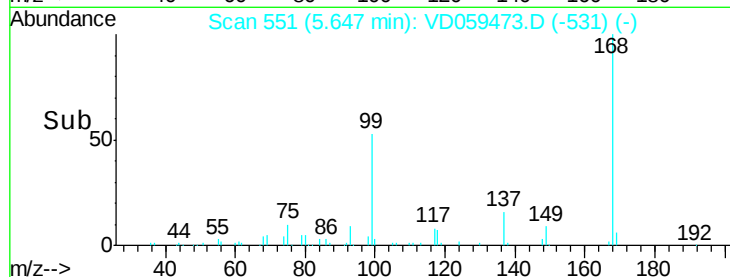
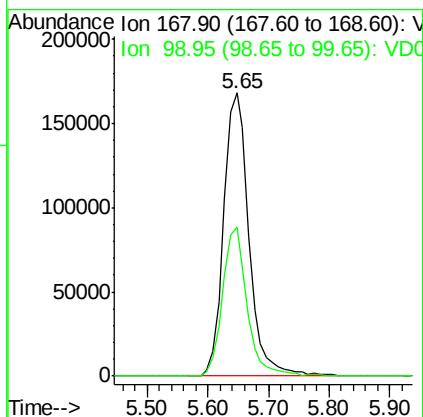
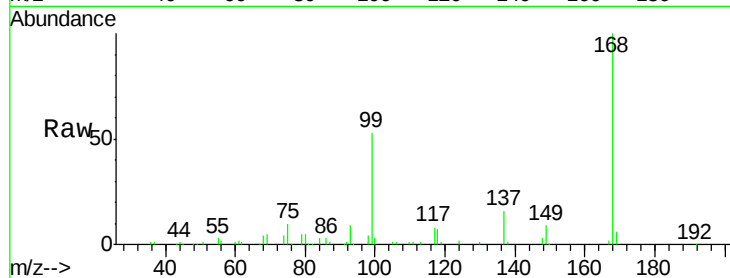




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

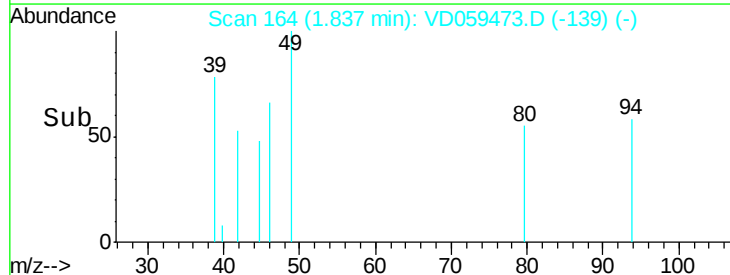
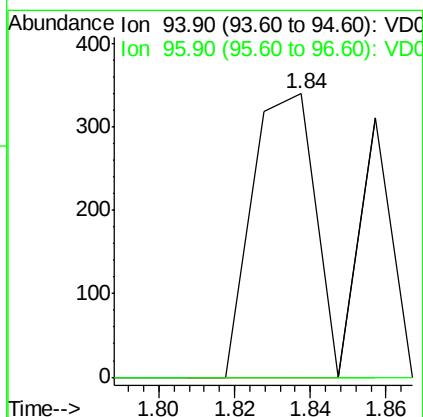
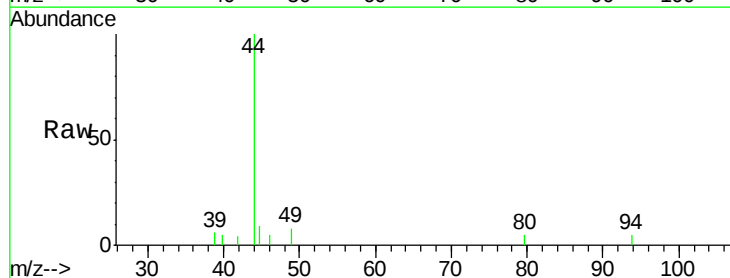
Instrument :
MSVOA_D
ClientSampleId :

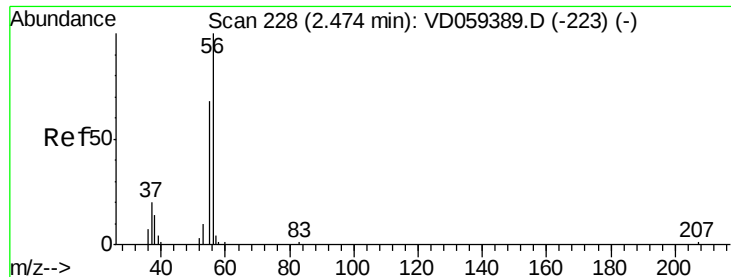
Tot Ion:168 Resp: 488283
Ion Ratio Lower Upper
168 100
99 52.6 41.0 61.6



#5
Bromomethane
Concen: Below Cal
RT: 1.84 min Scan# 164
Delta R.T. 0.04 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 0.0 73.4 110.0#





#13

Acrolein

Concen: 1.263 ug/l

RT: 2.36 min Scan# 217

Delta R.T. -0.11 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

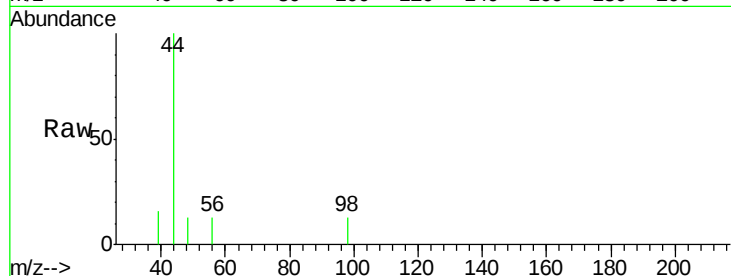
ClientSampleId :

Tot Ion: 56 Resp: 195

Ion Ratio Lower Upper

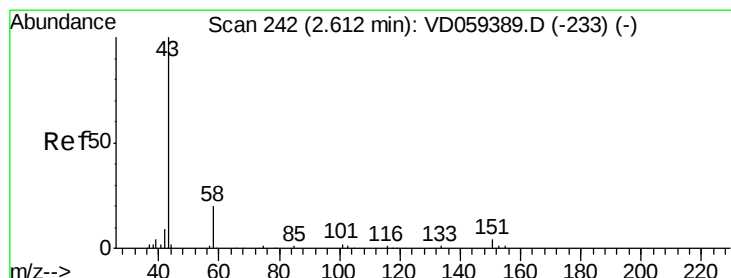
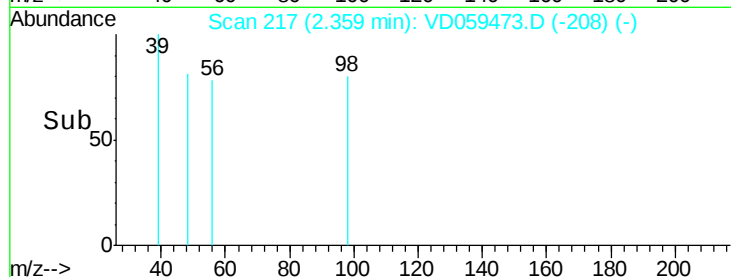
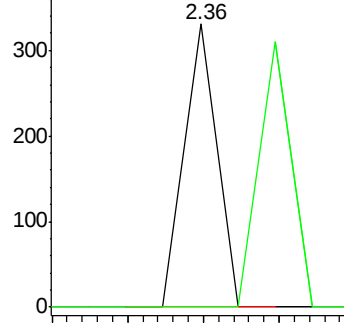
56 100

55 0.0 54.6 82.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 9.570 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD059473.D

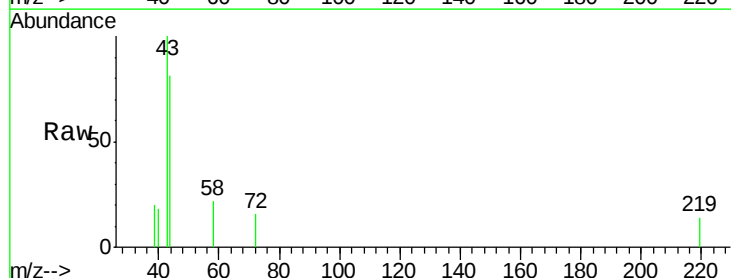
Acq: 28 Jun 2018 20:10

Tgt Ion: 43 Resp: 6031

Ion Ratio Lower Upper

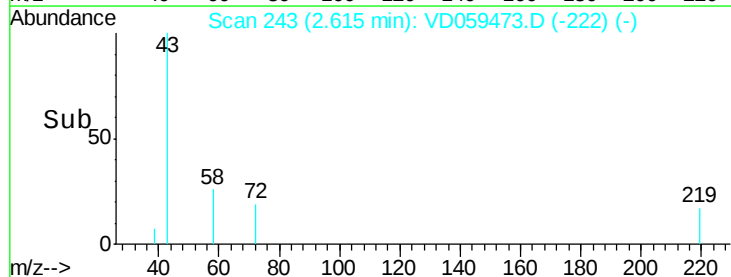
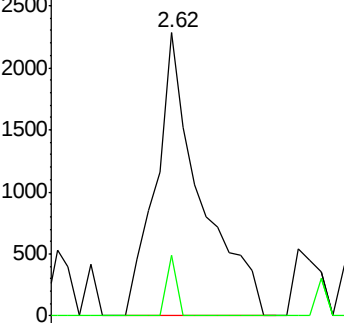
43 100

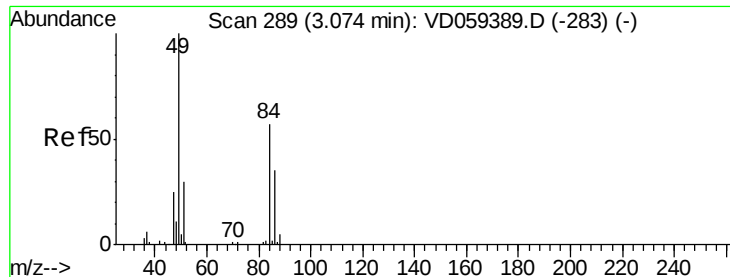
58 21.6 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

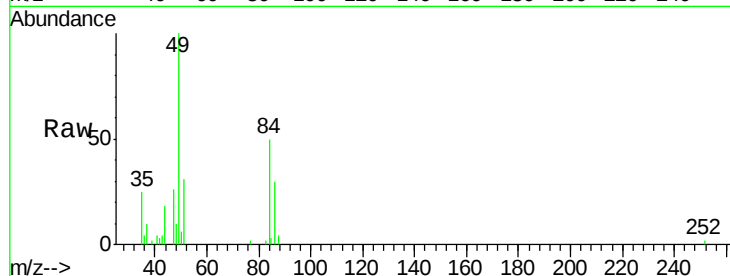




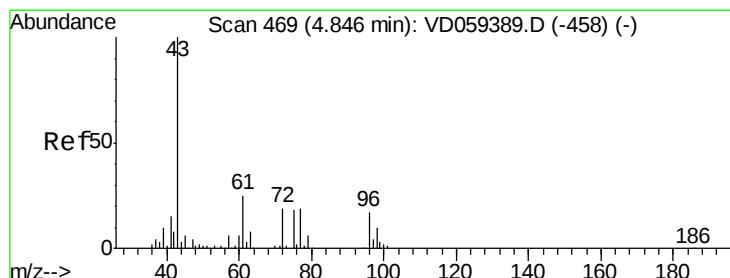
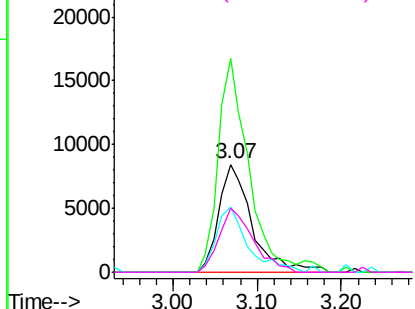
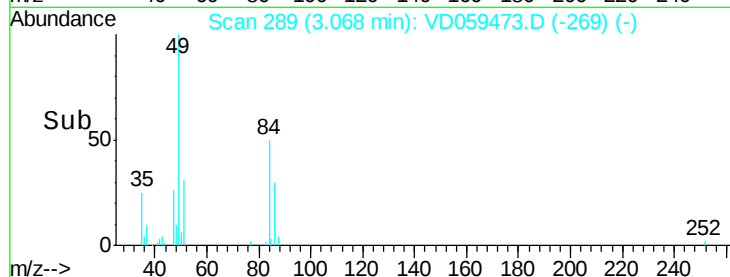
#20
Methvlene Chloride
Concen: 11.250 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 23041
Ion Ratio Lower Upper
84 100
49 198.5 140.3 210.5
51 60.9 41.6 62.4
86 59.3 49.4 74.2

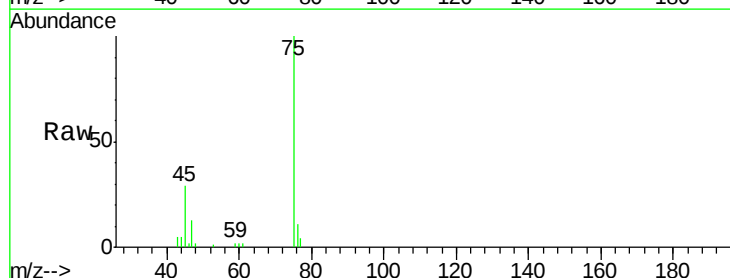


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

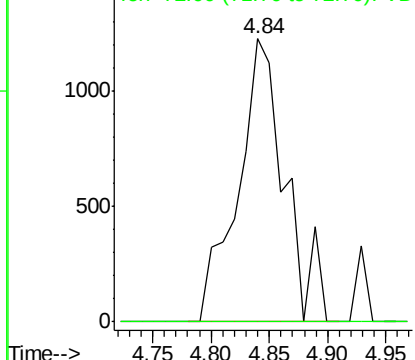
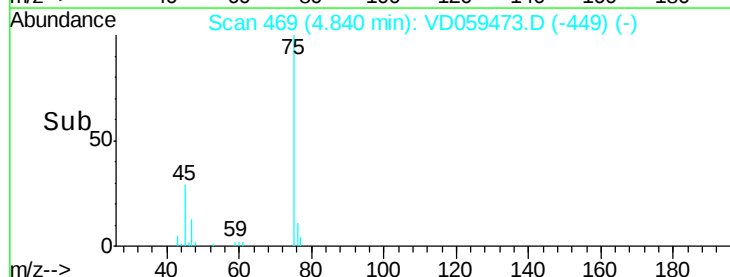


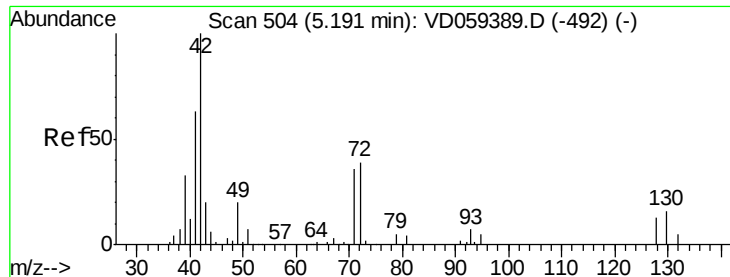
#25
2-Butanone
Concen: 2.597 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Tgt Ion: 43 Resp: 3428
Ion Ratio Lower Upper
43 100
72 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 1.176 ug/l

RT: 5.20 min Scan# 506

Delta R.T. 0.01 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

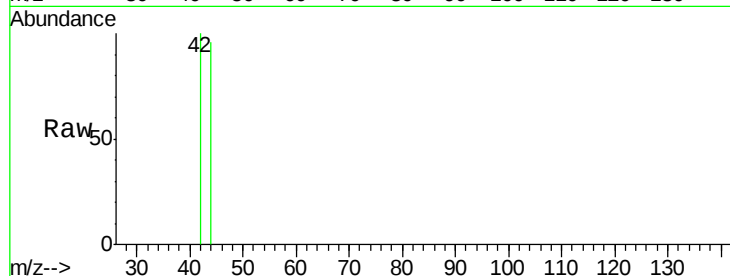
Tot Ion: 42 Resp: 849

Ion Ratio Lower Upper

42 100

72 29.7 31.4 47.2#

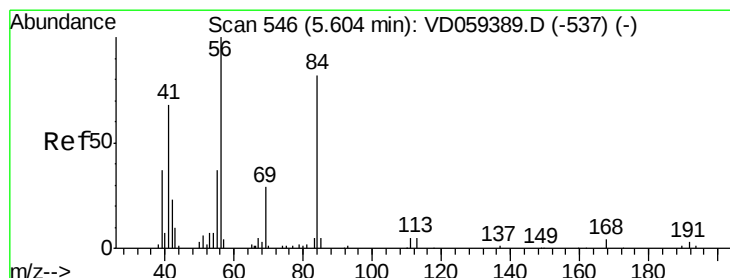
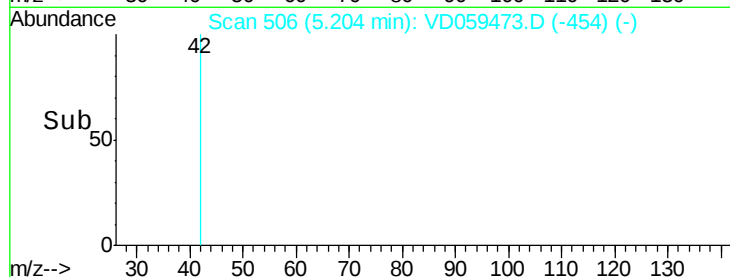
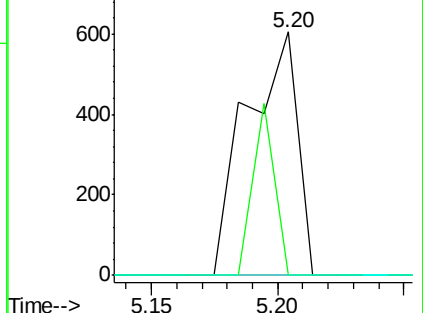
71 0.0 29.7 44.5#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 5.65 min Scan# 551

Delta R.T. 0.04 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

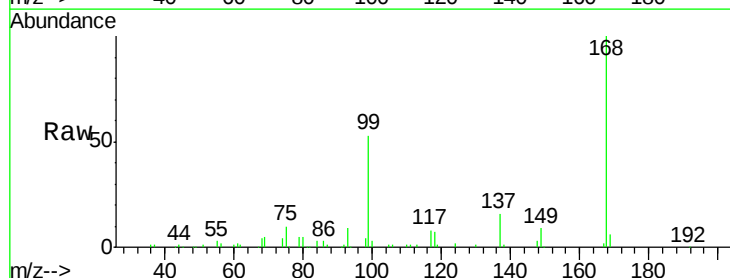
Tgt Ion: 56 Resp: 10536

Ion Ratio Lower Upper

56 100

69 237.0 22.9 34.3#

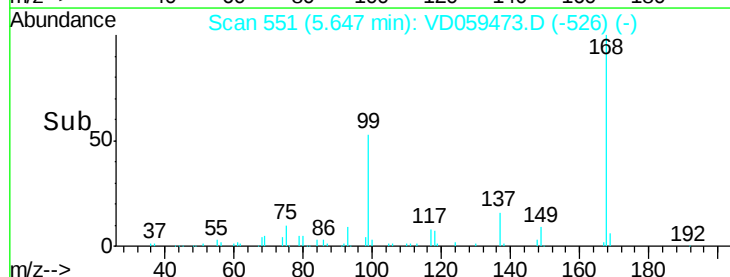
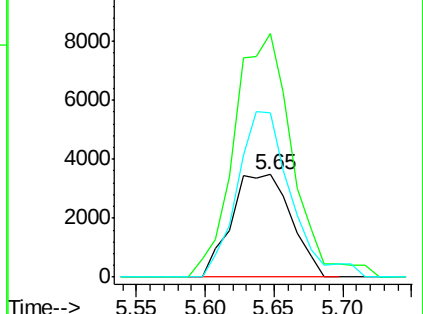
84 159.7 67.3 100.9#

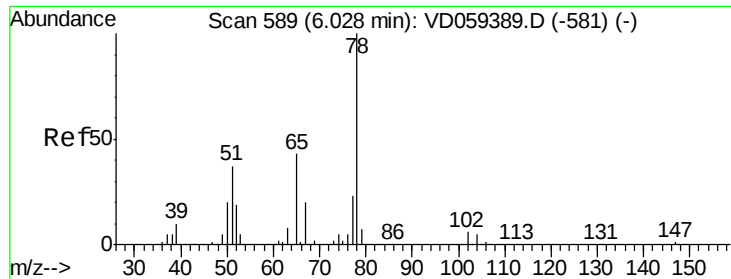


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

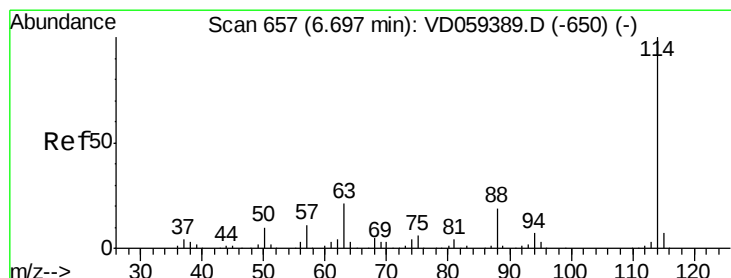
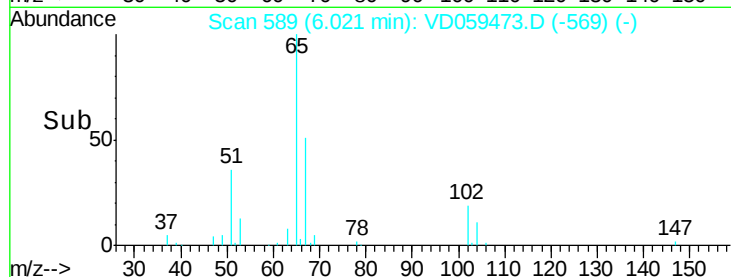
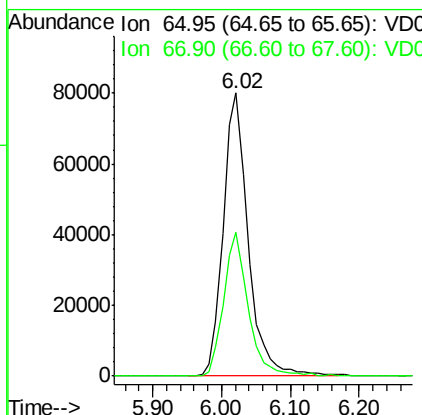
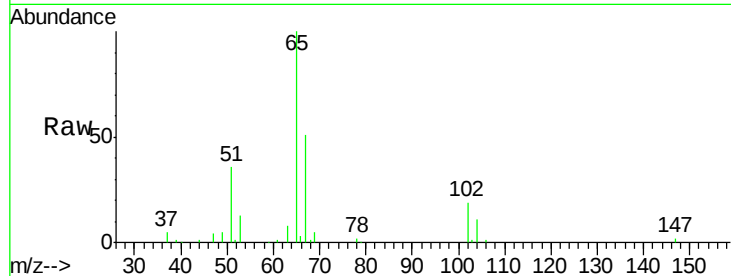




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059473.D
 Acq: 28 Jun 2018 20:10

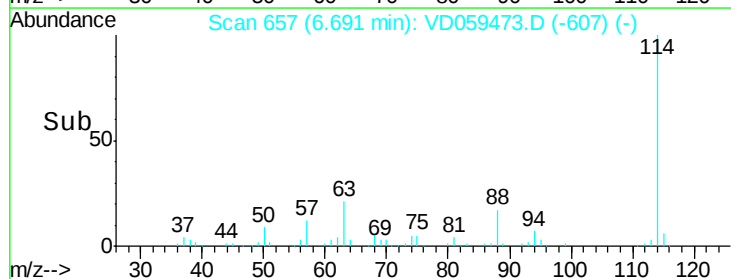
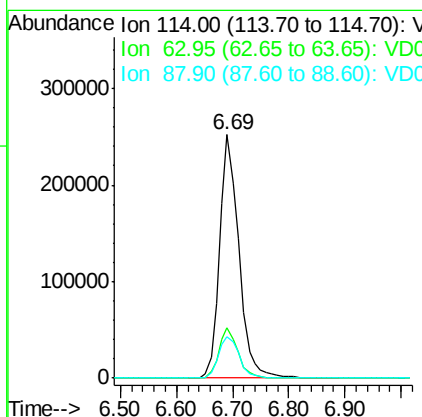
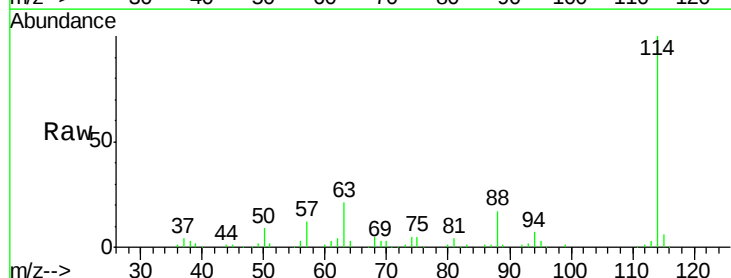
Instrument :
 MSVOA_D
 ClientSampleId :

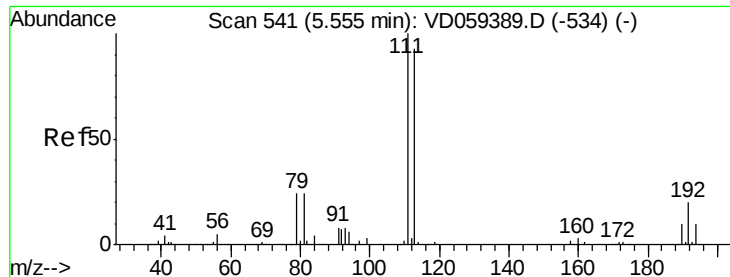
Tot Ion: 65 Resp: 200617
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059473.D
 Acq: 28 Jun 2018 20:10

Tgt Ion: 114 Resp: 606299
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 16.9 0.0 38.0

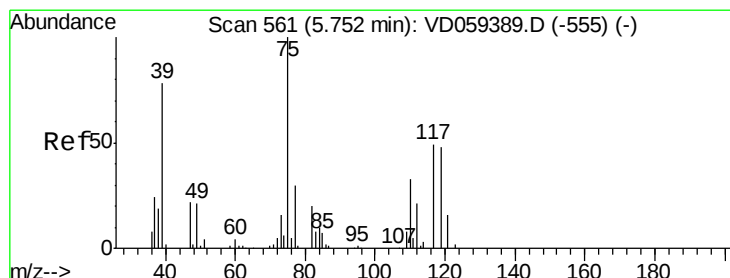
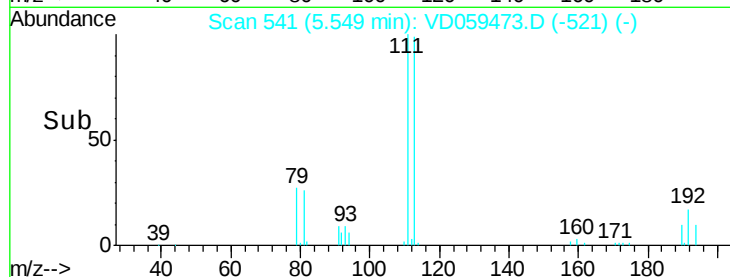
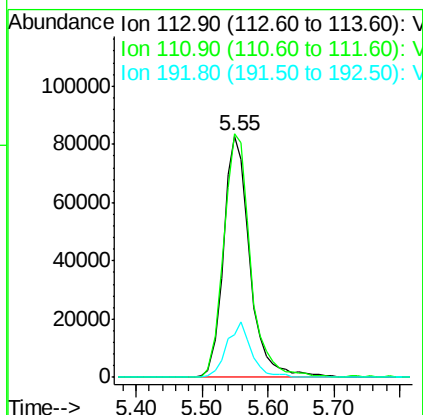
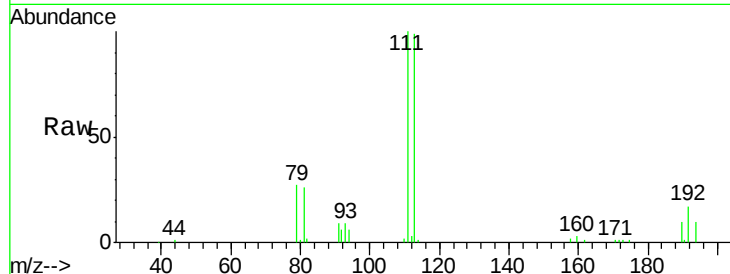




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

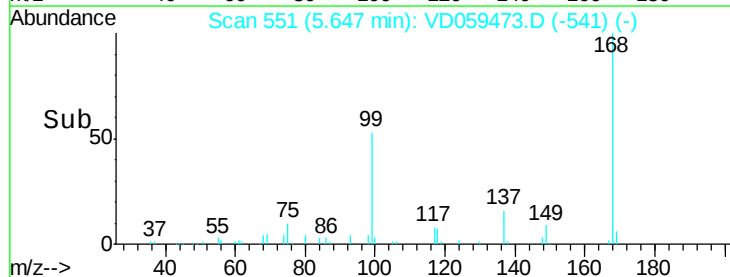
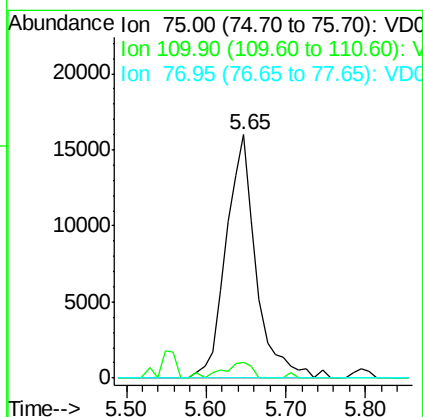
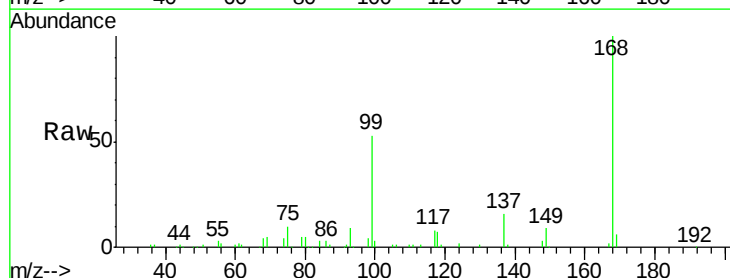
Instrument :
MSVOA_D
ClientSampled :

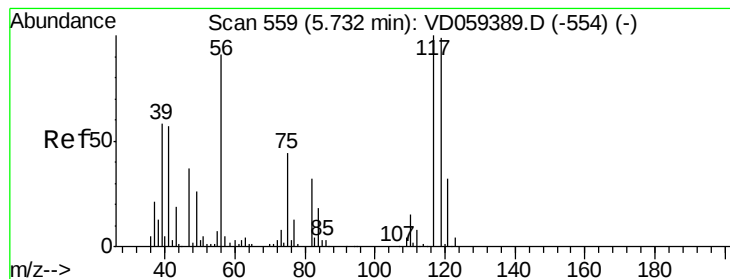
Tot Ion:113 Resp: 231311
Ion Ratio Lower Upper
113 100
111 101.0 85.7 128.5
192 17.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.675 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.10 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Tgt Ion: 75 Resp: 42211
Ion Ratio Lower Upper
75 100
110 6.4 16.1 48.2#
77 0.0 23.4 35.2#





#38

Carbon Tetrachloride

Concen: 6.979 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.10 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

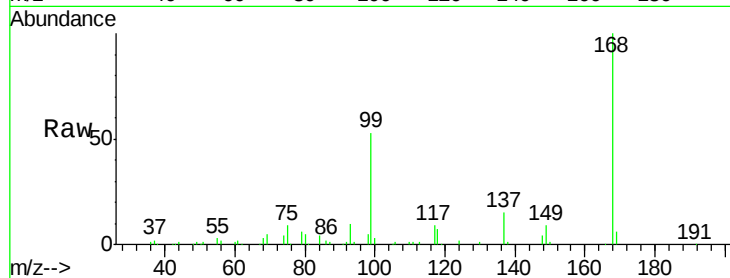
Tot Ion:117 Resp: 39575

Ion Ratio Lower Upper

117 100

119 5.7 76.6 115.0#

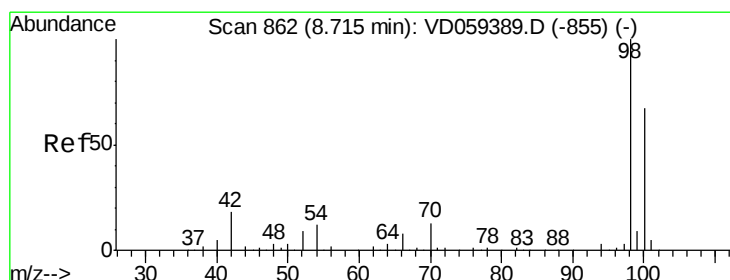
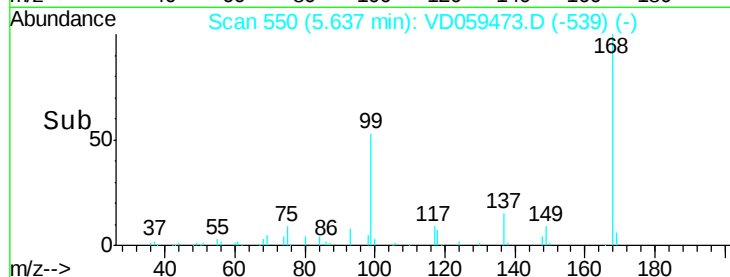
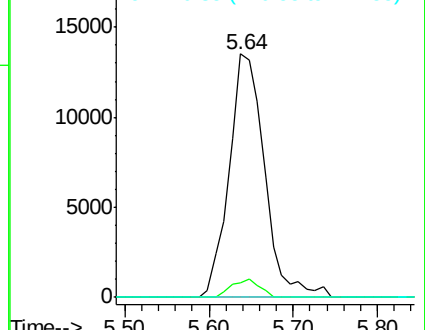
121 0.0 25.0 37.4#



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: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059473.D

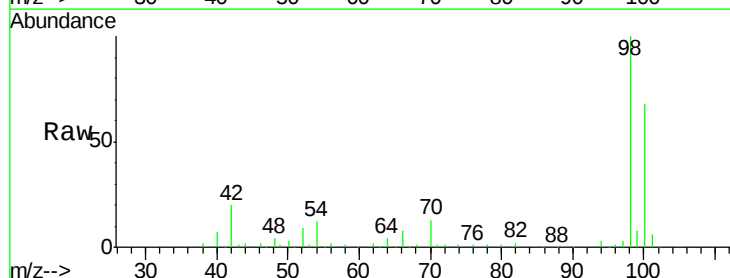
Acq: 28 Jun 2018 20:10

Tgt Ion: 98 Resp: 419763

Ion Ratio Lower Upper

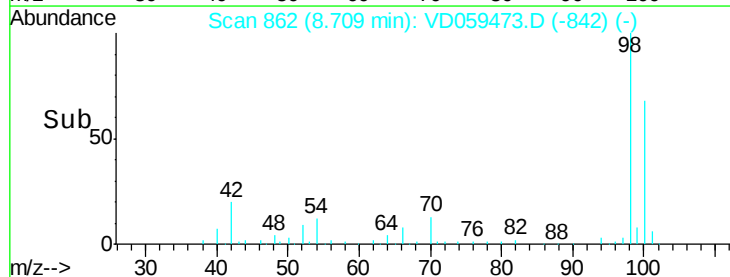
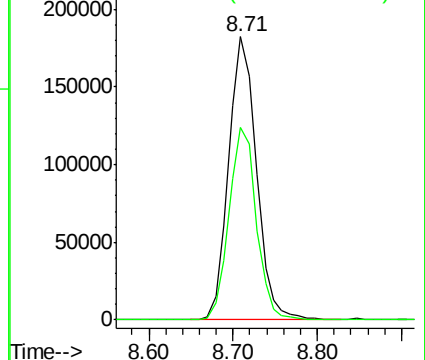
98 100

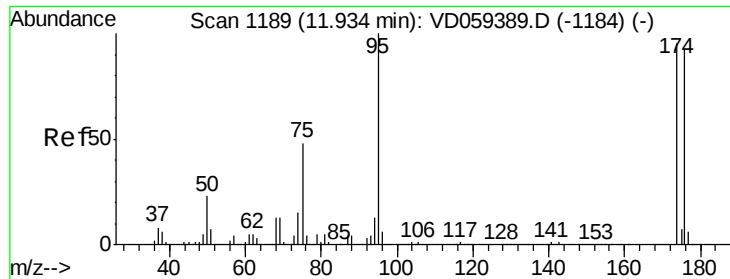
100 68.2 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

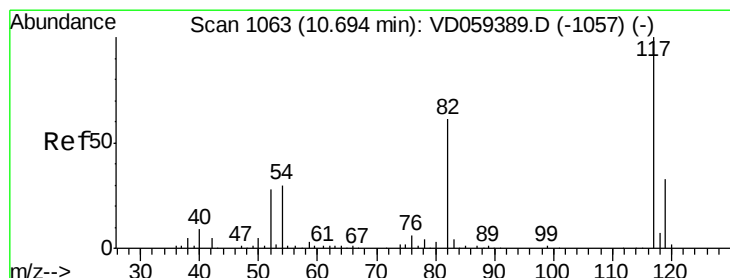
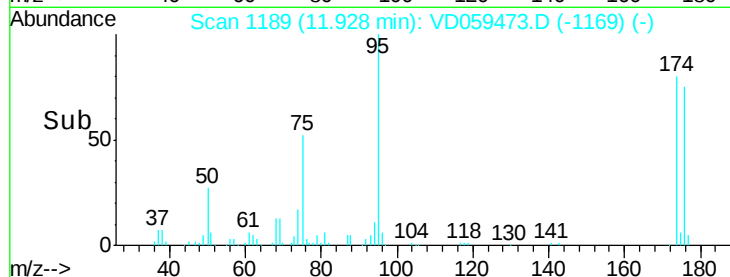
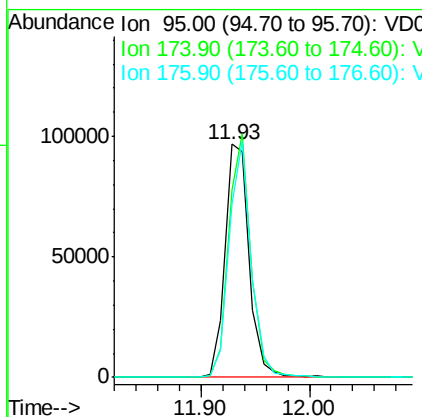
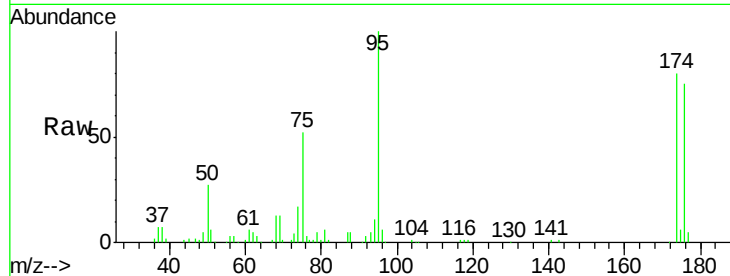




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

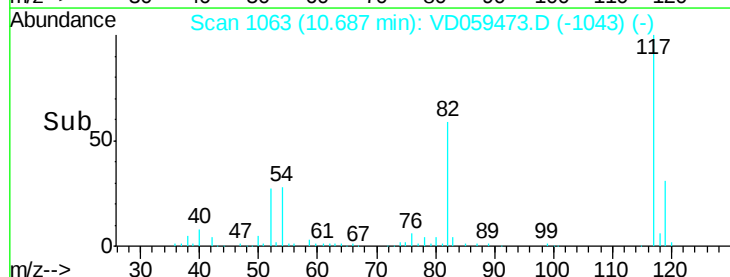
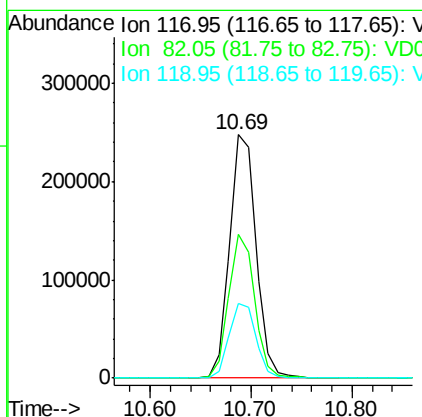
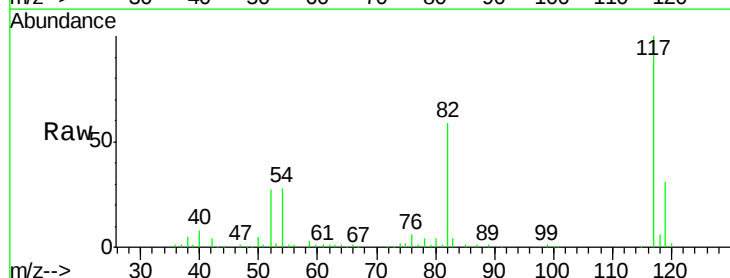
Instrument :
MSVOA_D
ClientSampleId :

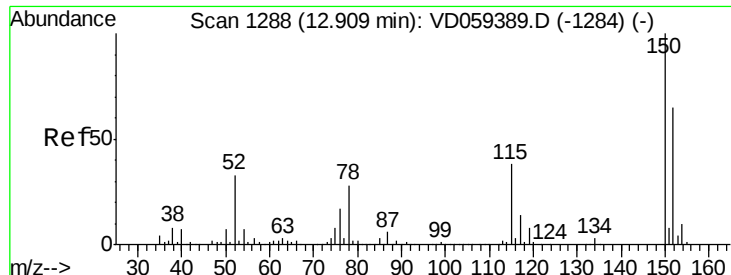
Tot Ion: 95 Resp: 149389
Ion Ratio Lower Upper
95 100
174 80.1 0.0 190.4
176 74.5 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Tgt Ion: 117 Resp: 451087
Ion Ratio Lower Upper
117 100
82 58.9 49.0 73.6
119 30.7 26.2 39.4



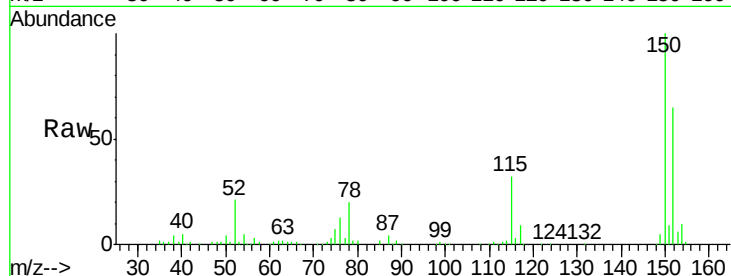


#72

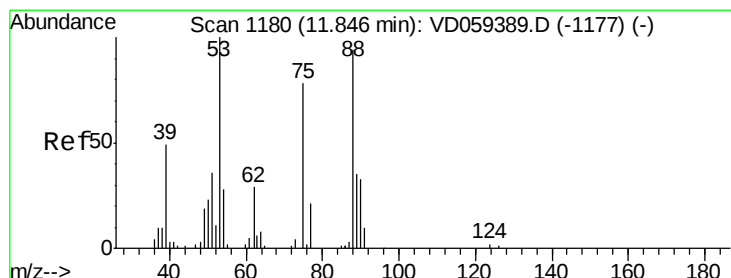
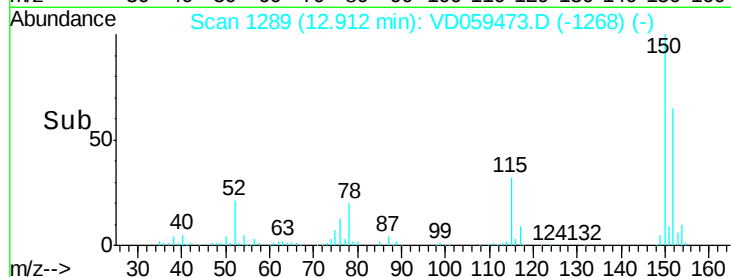
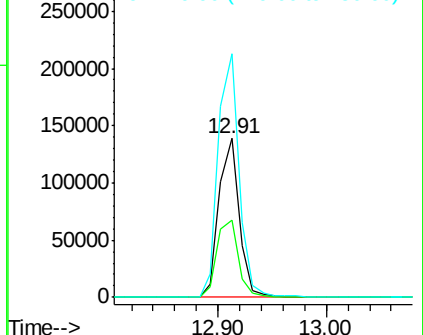
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 182314
Ion Ratio Lower Upper
152 100
115 48.8 29.4 88.3
150 153.3 0.0 308.2



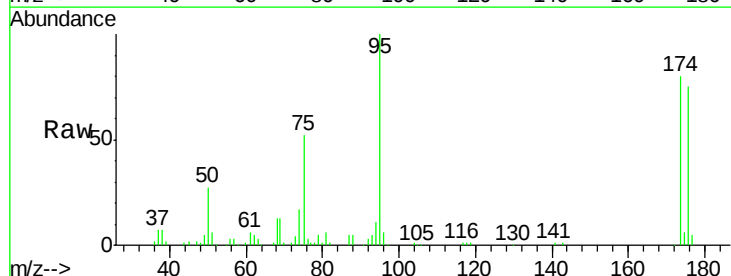
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 123.588 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.08 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Tgt Ion: 75 Resp: 70640
Ion Ratio Lower Upper
75 100
53 0.0 102.6 154.0#
89 0.0 35.9 53.9#



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

