

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059596.D
 Acq On : 25 Jul 2018 18:29
 Operator : VA/AP
 Sample : J4026-04RE
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716

Quant Time: Jul 26 04:29:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	136600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	167356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	135431	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	71434	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	97493	56.77	ug/l	0.02
Spiked Amount			Recovery	=	113.54%	
35) Dibromofluoromethane	5.53	113	86322	60.13	ug/l	0.02
Spiked Amount			Recovery	=	120.26%	
50) Toluene-d8	8.69	98	162726	49.97	ug/l	0.02
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.92	95	75465	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	

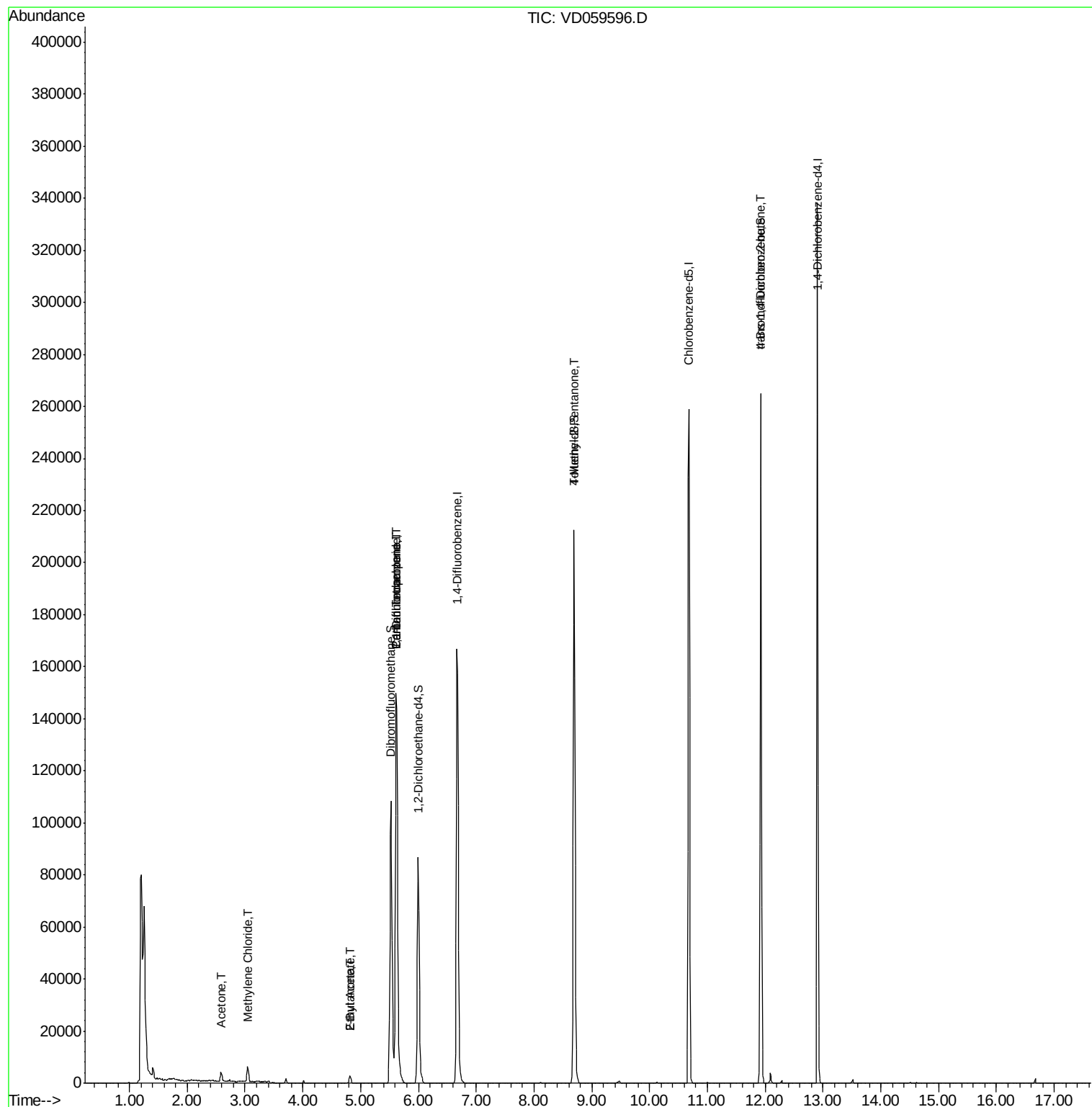
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	6596	25.43	ug/l	96
20) Methylene Chloride	3.05	84	2592	3.51	ug/l	91
25) 2-Butanone	4.82	43	2259	5.71	ug/l #	59
31) Cyclohexane	5.61	56	2930	Below Cal	#	9
36) 1,1-Dichloropropene	5.61	75	11935	7.11	ug/l #	43
37) Ethyl Acetate	4.82	43	2259	2.61	ug/l #	71
38) Carbon Tetrachloride	5.62	117	14093	6.13	ug/l #	14
51) 4-Methyl-2-Pentanone	8.69	43	894	1.12	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	41349	136.91	ug/l #	1

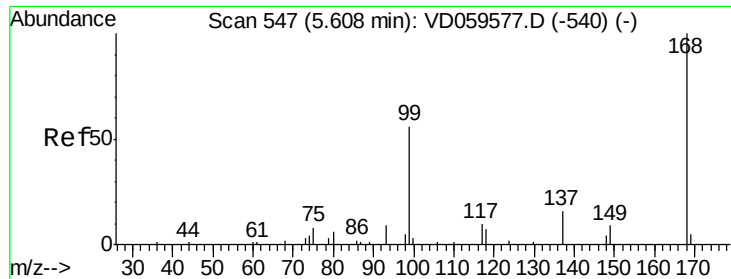
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 26 04:29:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

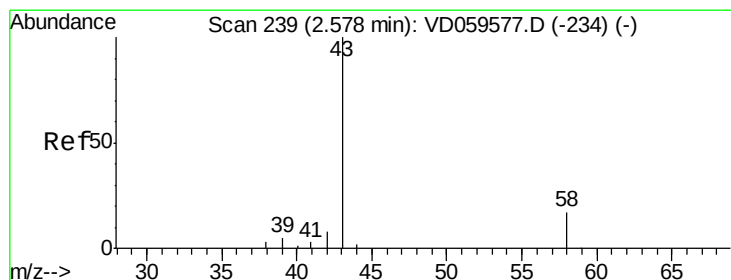
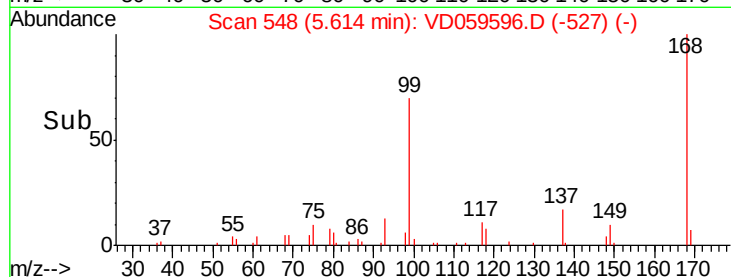
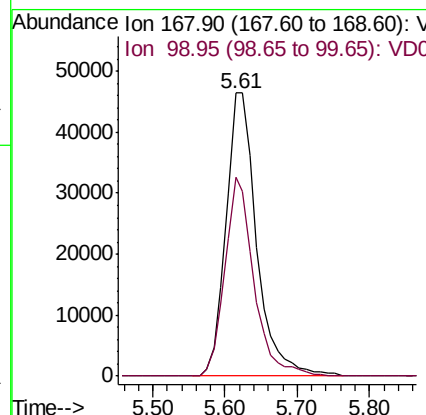
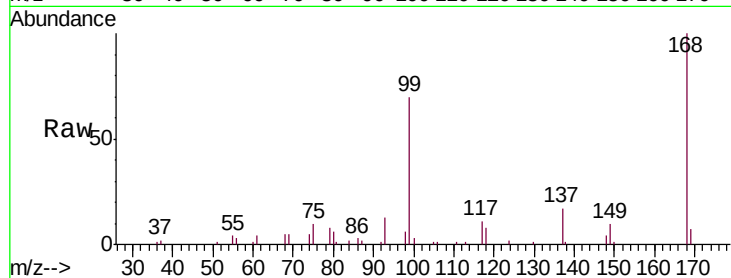




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

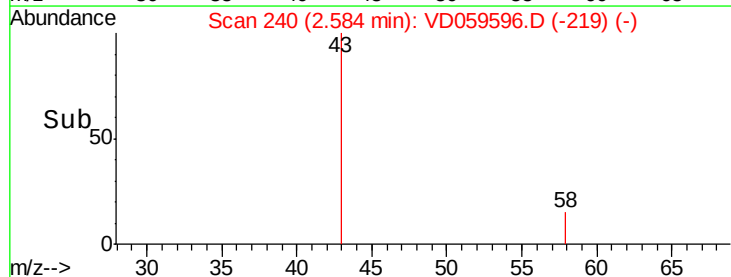
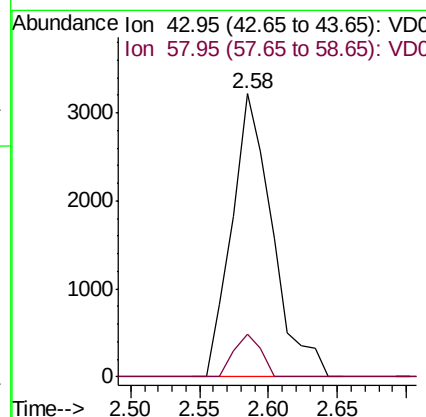
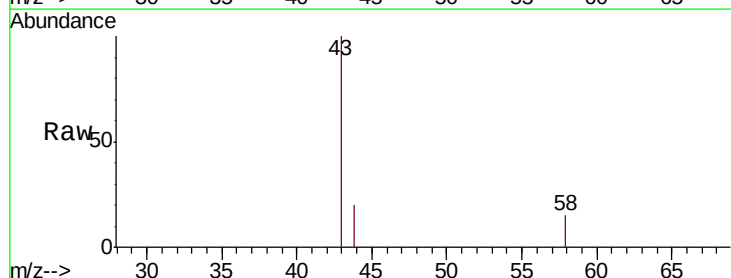
Instrument :
MSVOA_D
ClientSampleId :
KY0300F002-S-180716

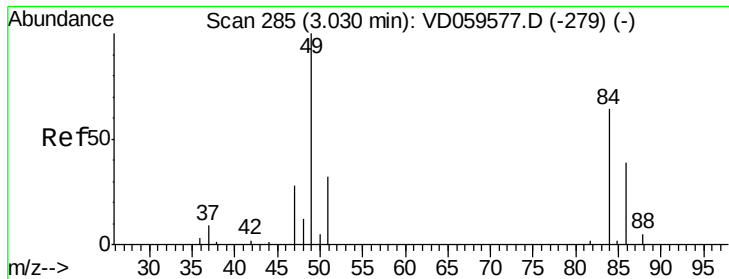
Tot Ion:168 Resp: 136600
Ion Ratio Lower Upper
168 100
99 70.1 47.3 70.9



#16
Acetone
Concen: 25.43 ug/l
RT: 2.58 min Scan# 240
Delta R.T. 0.01 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Tgt Ion: 43 Resp: 6596
Ion Ratio Lower Upper
43 100
58 15.1 13.4 20.0

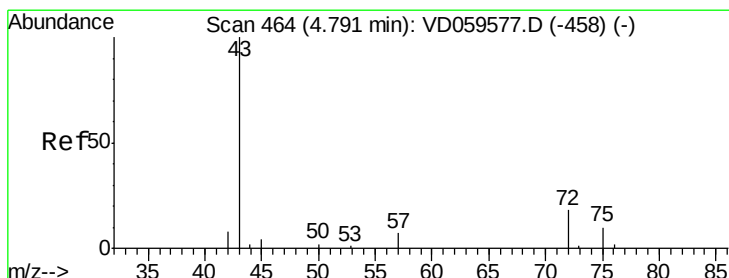
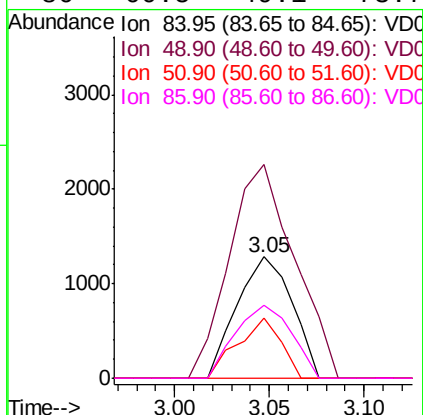
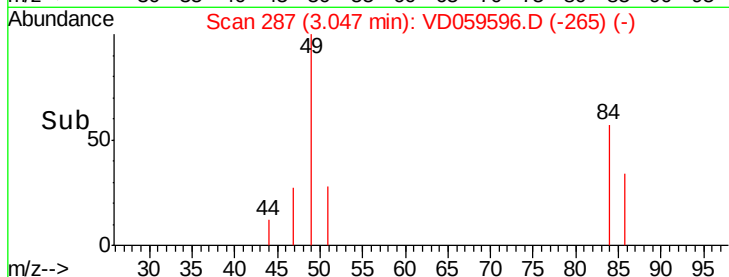
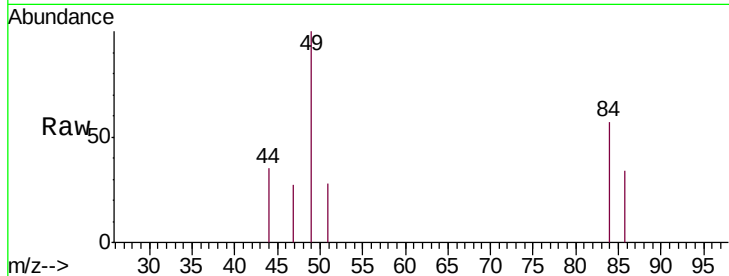




#20
Methylene Chloride
Concen: 3.51 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

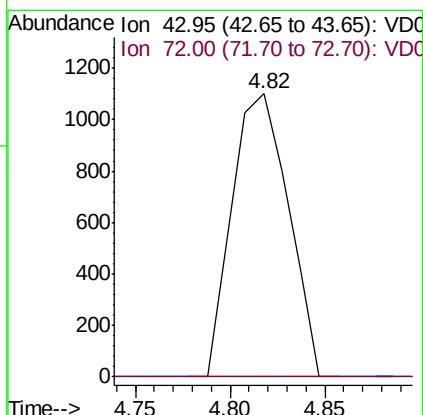
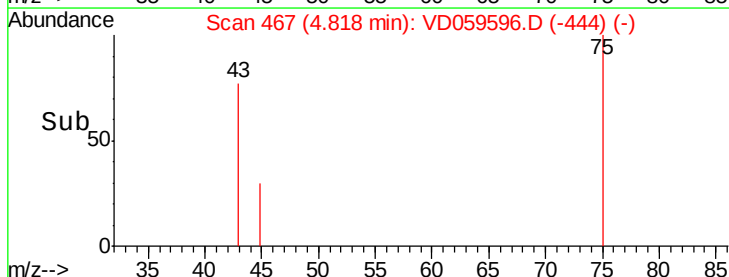
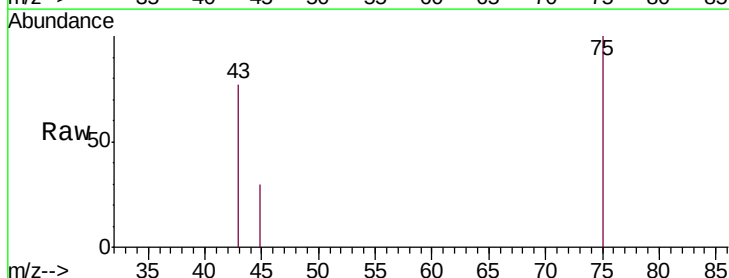
Instrument :
MSVOA_D
ClientSampleId :
KY0300F002-S-180716

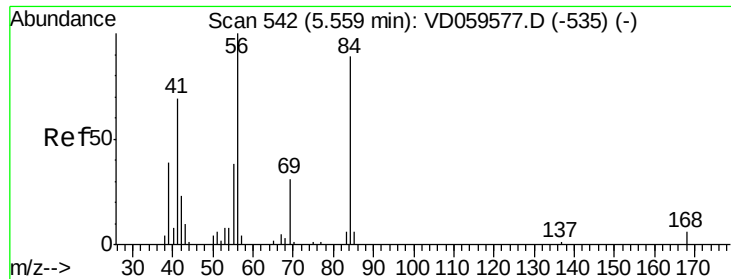
Tot Ion: 84 Resp: 2592
Ion Ratio Lower Upper
84 100
49 176.1 125.4 188.2
51 49.9 39.7 59.5
86 60.5 49.1 73.7



#25
2-Butanone
Concen: 5.71 ug/l
RT: 4.82 min Scan# 467
Delta R.T. 0.03 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
72 0.0 14.7 22.1#

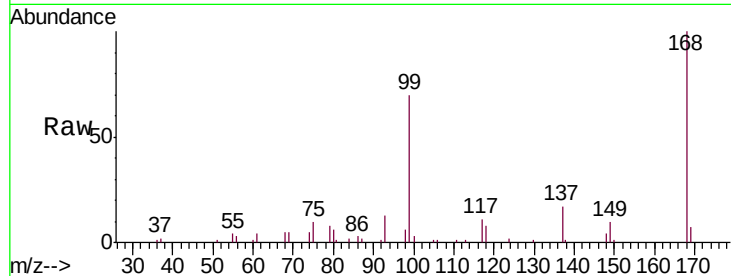




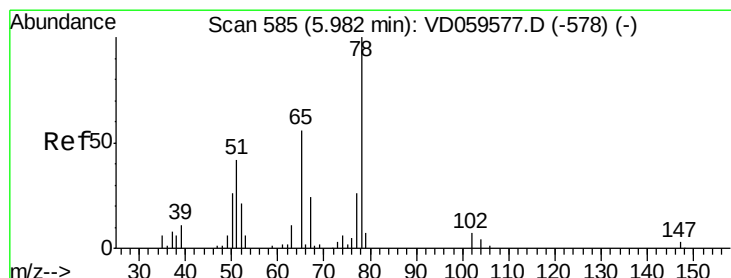
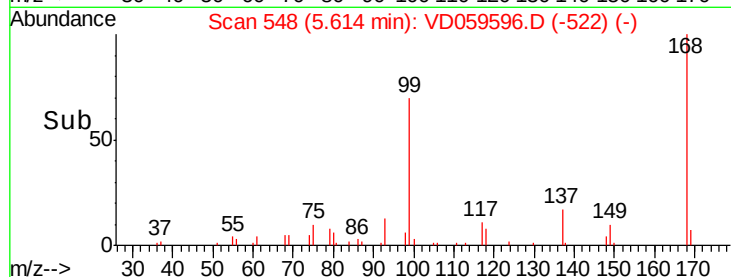
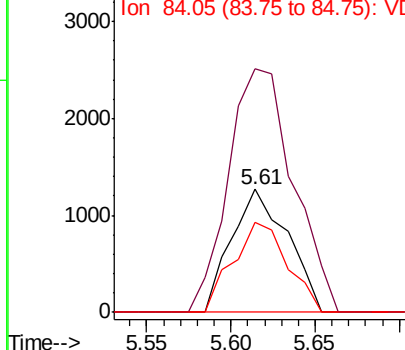
#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Instrument :
MSVOA_D
ClientSampleId :
KY0300F002-S-180716

Tot Ion: 56 Resp: 2930
Ion Ratio Lower Upper
56 100
69 197.5 24.6 37.0#
84 72.6 72.7 109.1#

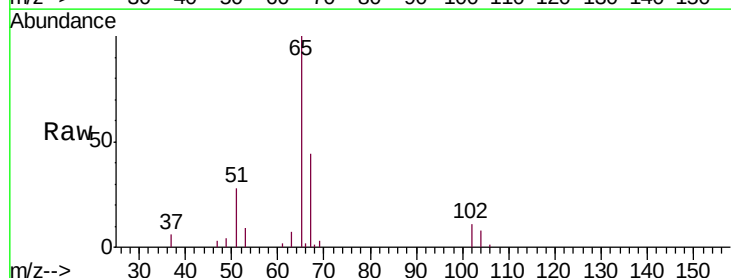


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

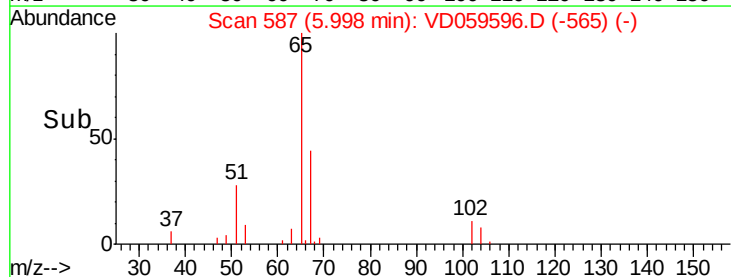
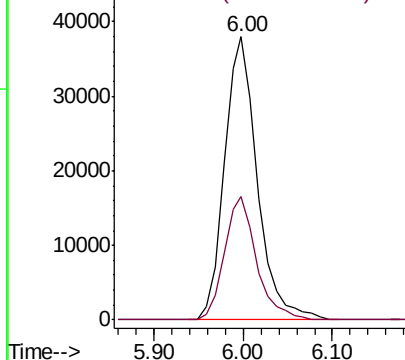


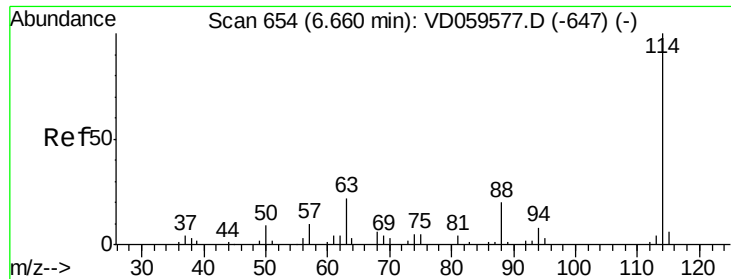
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Tgt Ion: 65 Resp: 97493
Ion Ratio Lower Upper
65 100
67 43.6 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

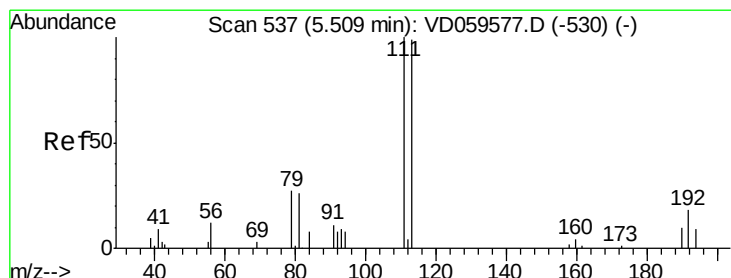
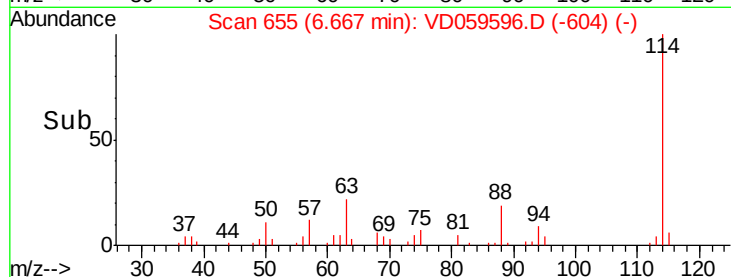
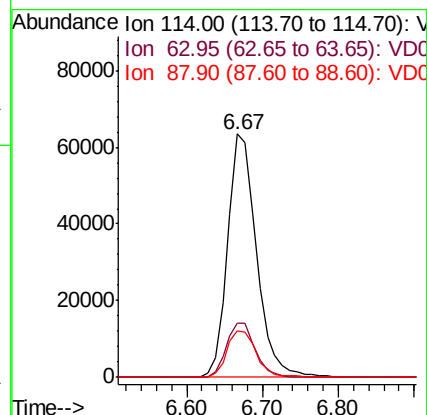
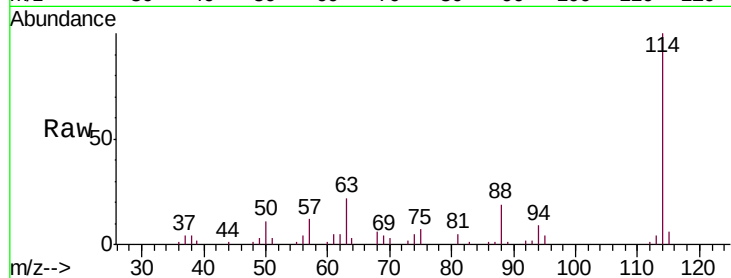




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059596.D
 Acq: 25 Jul 2018 18:29

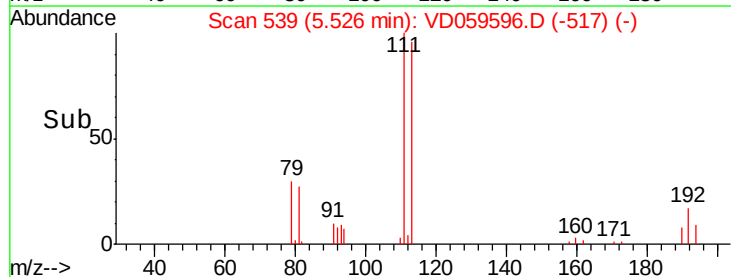
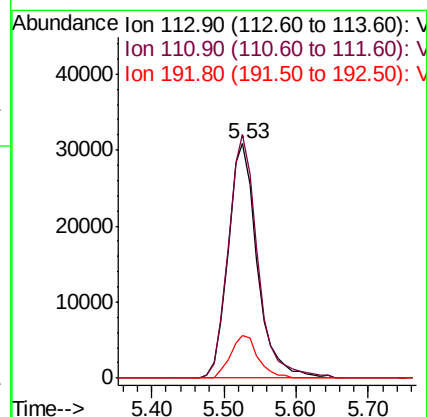
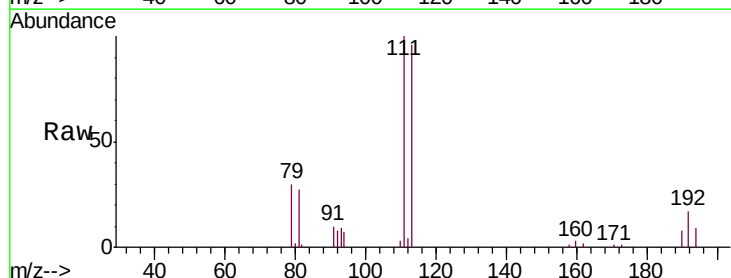
Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716

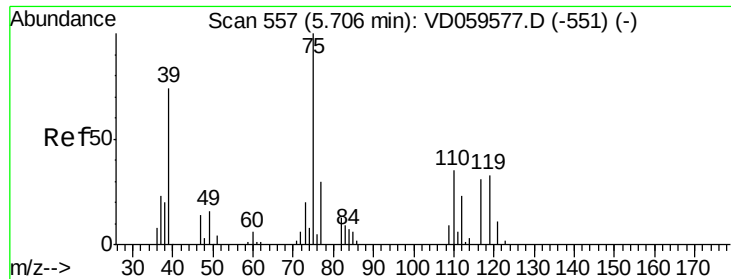
Tot Ion:114 Resp: 167356
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 19.0 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059596.D
 Acq: 25 Jul 2018 18:29

Tgt Ion:113 Resp: 86322
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.5 120.7
 192 18.1 14.5 21.7

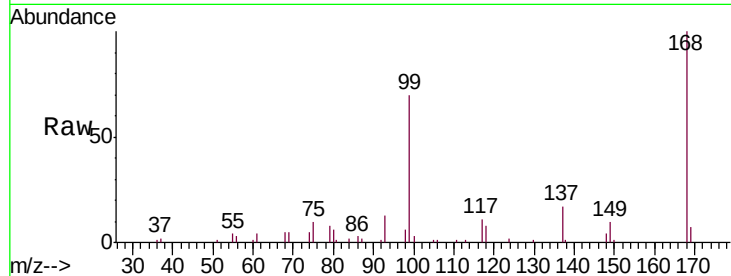




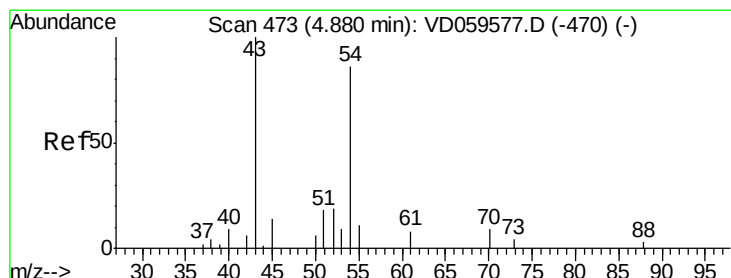
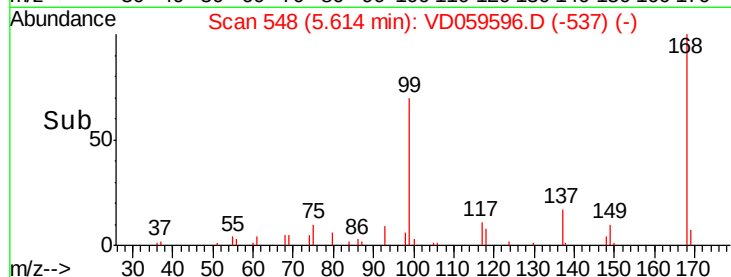
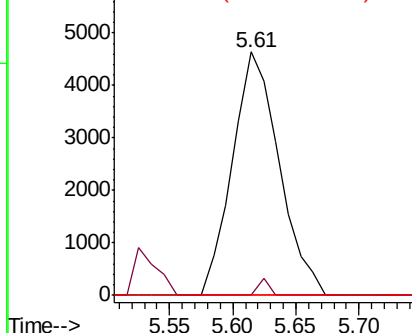
#36
 1,1-Dichloropropene
 Concen: 7.11 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.09 min
 Lab File: VD059596.D
 Acq: 25 Jul 2018 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.0	50.9#
77	0.0	23.6	35.4#

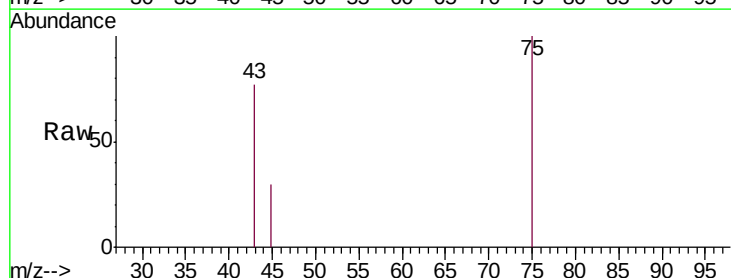


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

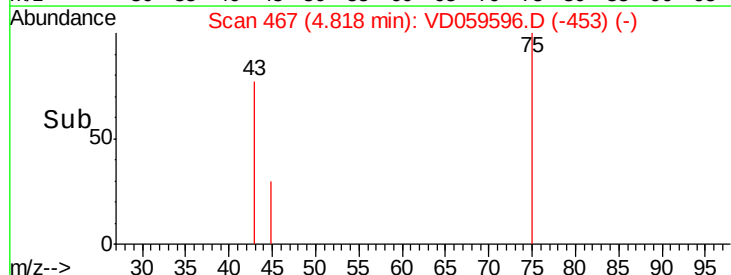
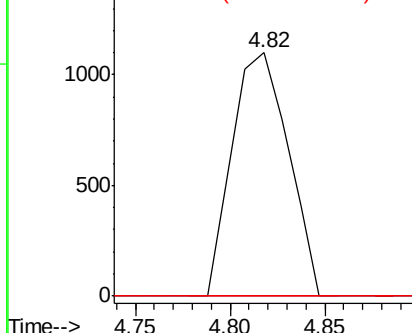


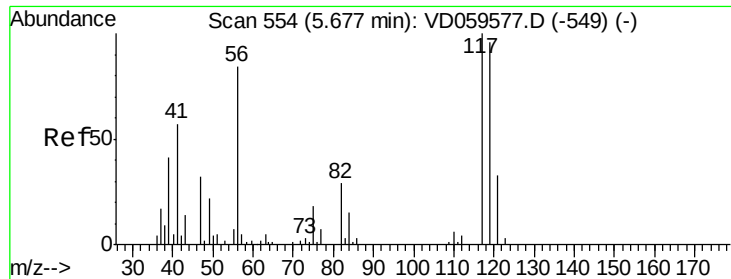
#37
 Ethyl Acetate
 Concen: 2.61 ug/l
 RT: 4.82 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: VD059596.D
 Acq: 25 Jul 2018 18:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	5.4	8.0#



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

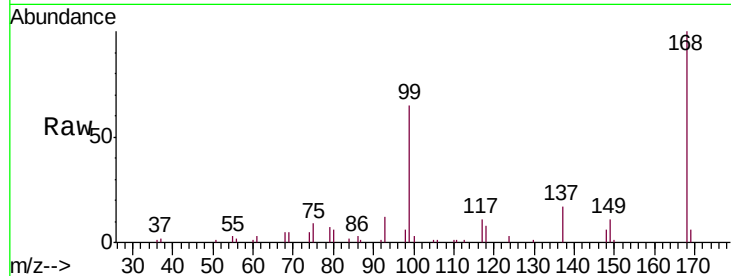




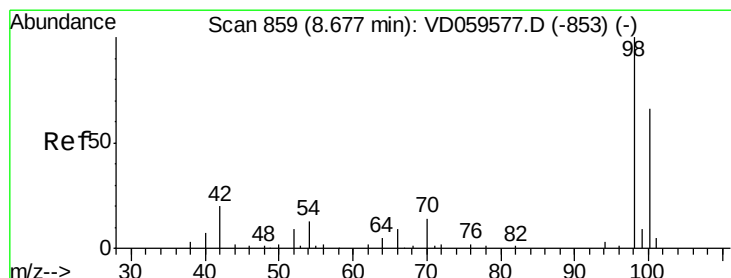
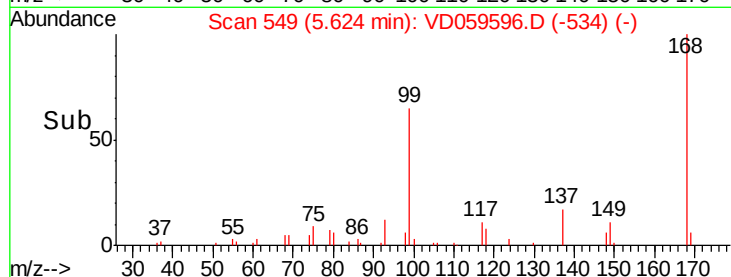
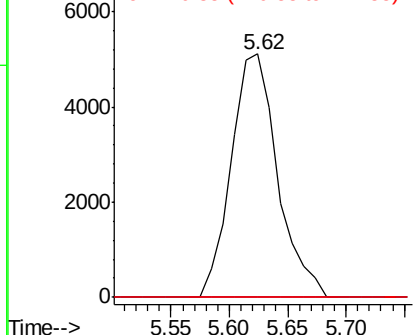
#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.05 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

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Tot Ion:117 Resp: 14093
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

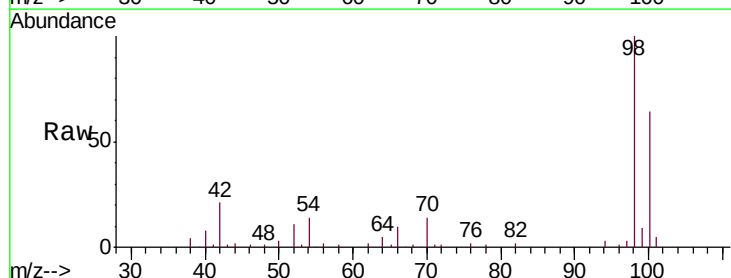


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

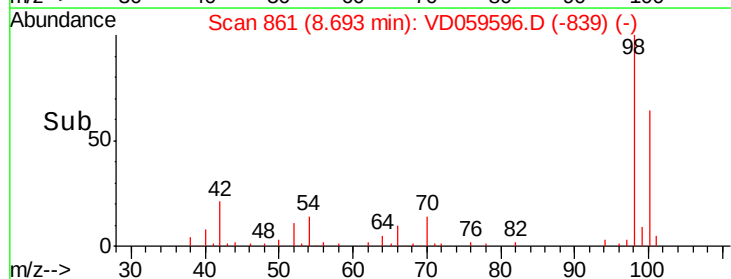
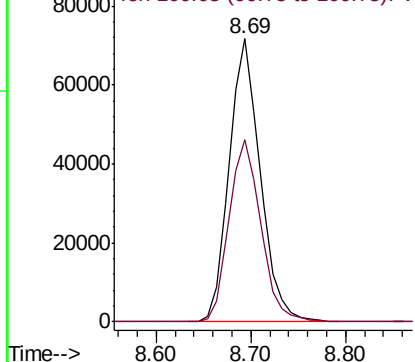


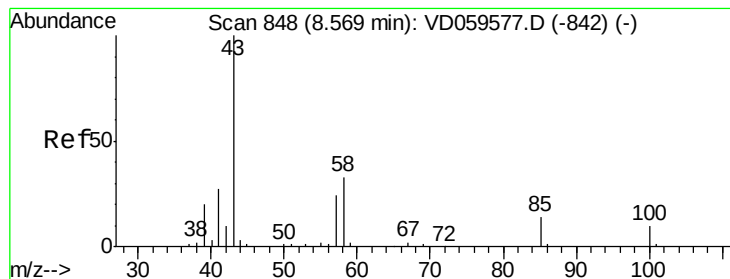
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Tgt Ion: 98 Resp: 162726
Ion Ratio Lower Upper
98 100
100 64.3 53.2 79.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.12 ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.12 min

Lab File: VD059596.D

Acq: 25 Jul 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

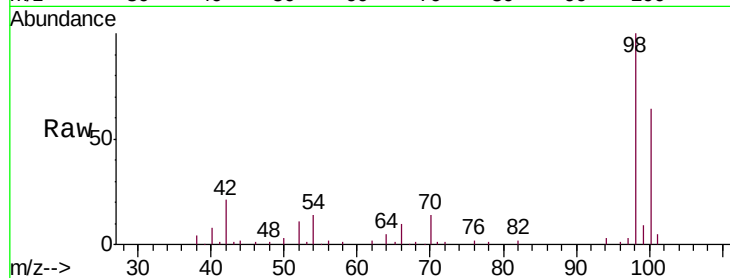
KY0300F002-S-180716

Tot Ion: 43 Resp: 894

Ion Ratio Lower Upper

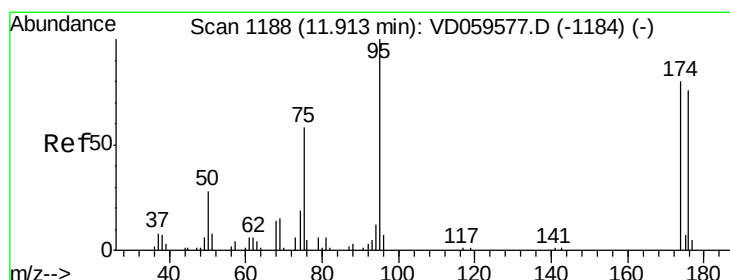
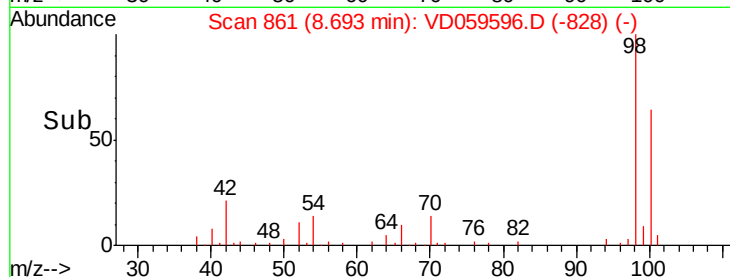
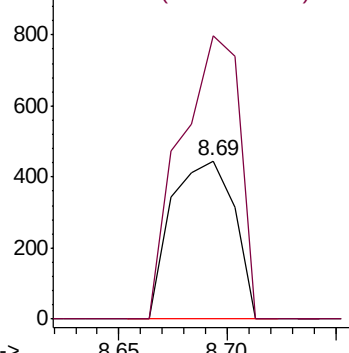
43 100

58 178.7 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059596.D

Acq: 25 Jul 2018 18:29

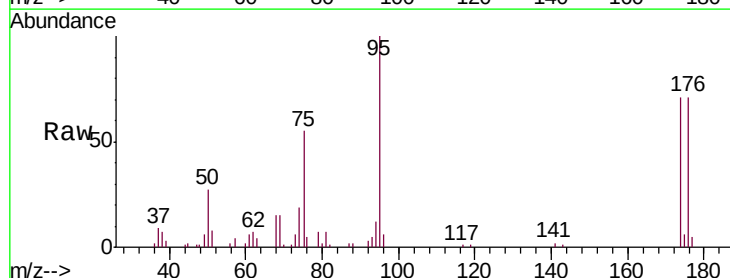
Tgt Ion: 95 Resp: 75465

Ion Ratio Lower Upper

95 100

174 71.4 0.0 160.6

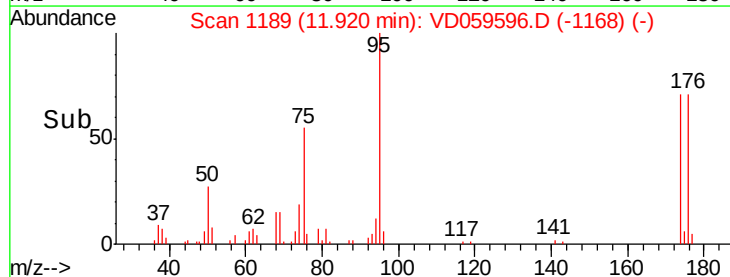
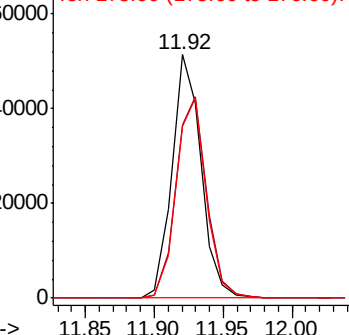
176 70.9 0.0 152.8

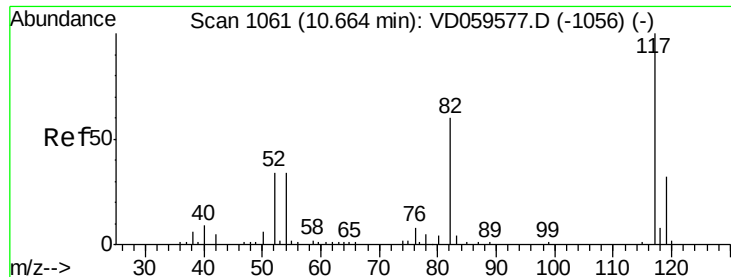


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

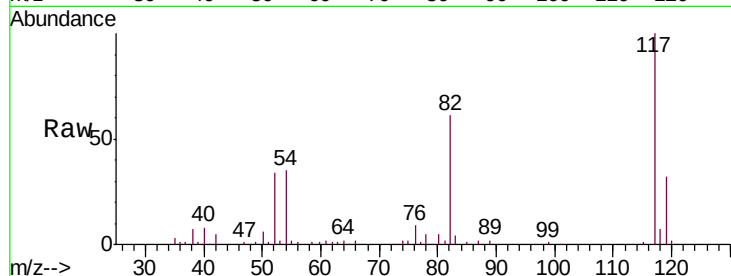




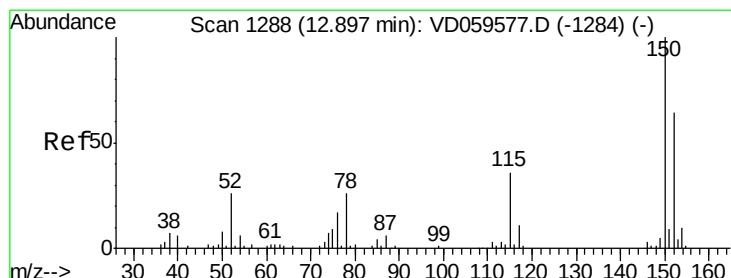
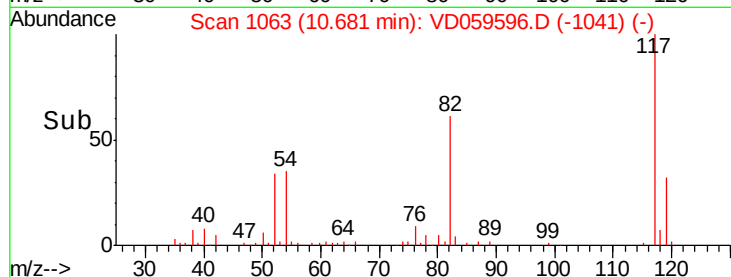
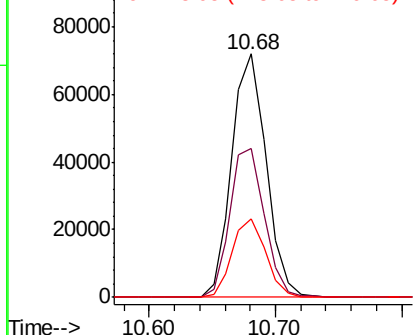
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Instrument :
MSVOA_D
ClientSampleId :
KY0300F002-S-180716

Tot Ion:117 Resp: 135431
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.2
119 32.2 25.4 38.2

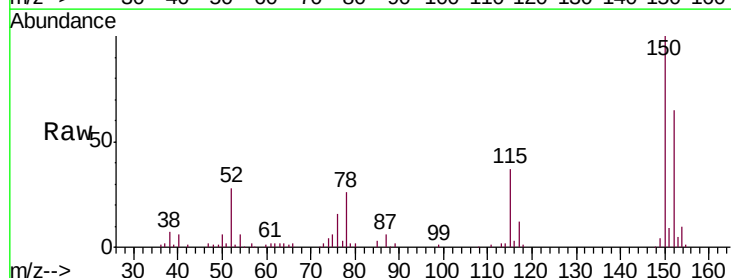


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

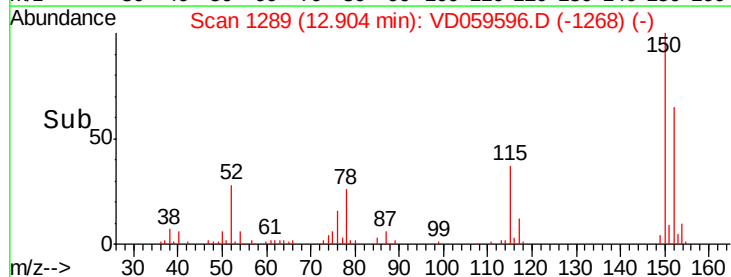
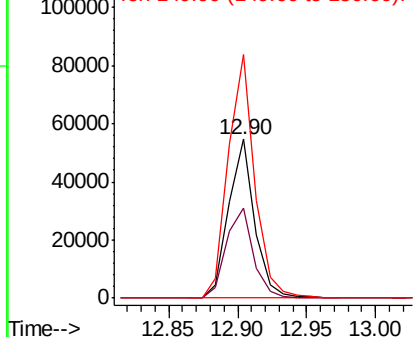


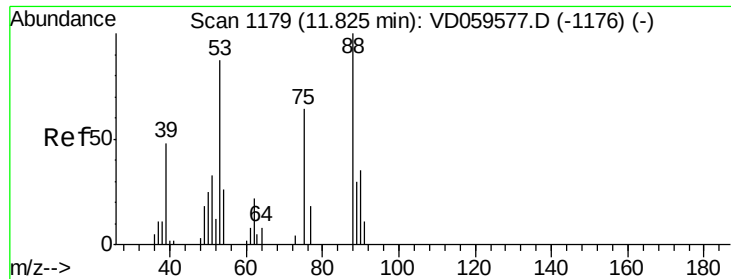
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059596.D
Acq: 25 Jul 2018 18:29

Tgt Ion:152 Resp: 71434
Ion Ratio Lower Upper
152 100
115 56.7 29.5 88.6
150 153.4 0.0 314.4



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: 136.91 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059596.D

Acq: 25 Jul 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

KY0300F002-S-180716

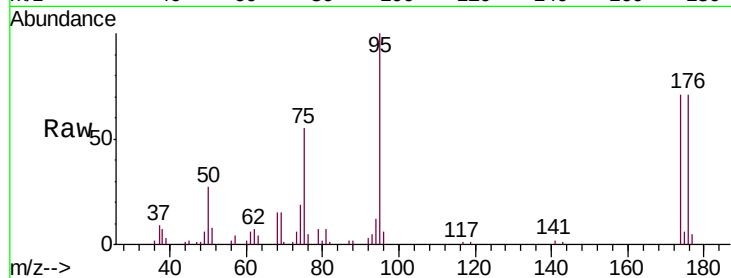
Tot Ion: 75 Resp: 41349

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



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

