

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059591.D
 Acq On : 25 Jul 2018 16:03
 Operator : VA/AP
 Sample : J4070-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC015-S-180718

Quant Time: Jul 26 04:28:50 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	5.62	168	144840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	181308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	143652	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	70744	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	101717	55.86	ug/l	0.02
Spiked Amount			Recovery	=	111.72%	
35) Dibromofluoromethane	5.53	113	89673	57.66	ug/l	0.02
Spiked Amount			Recovery	=	115.32%	
50) Toluene-d8	8.69	98	167188	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.92	95	76962	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	

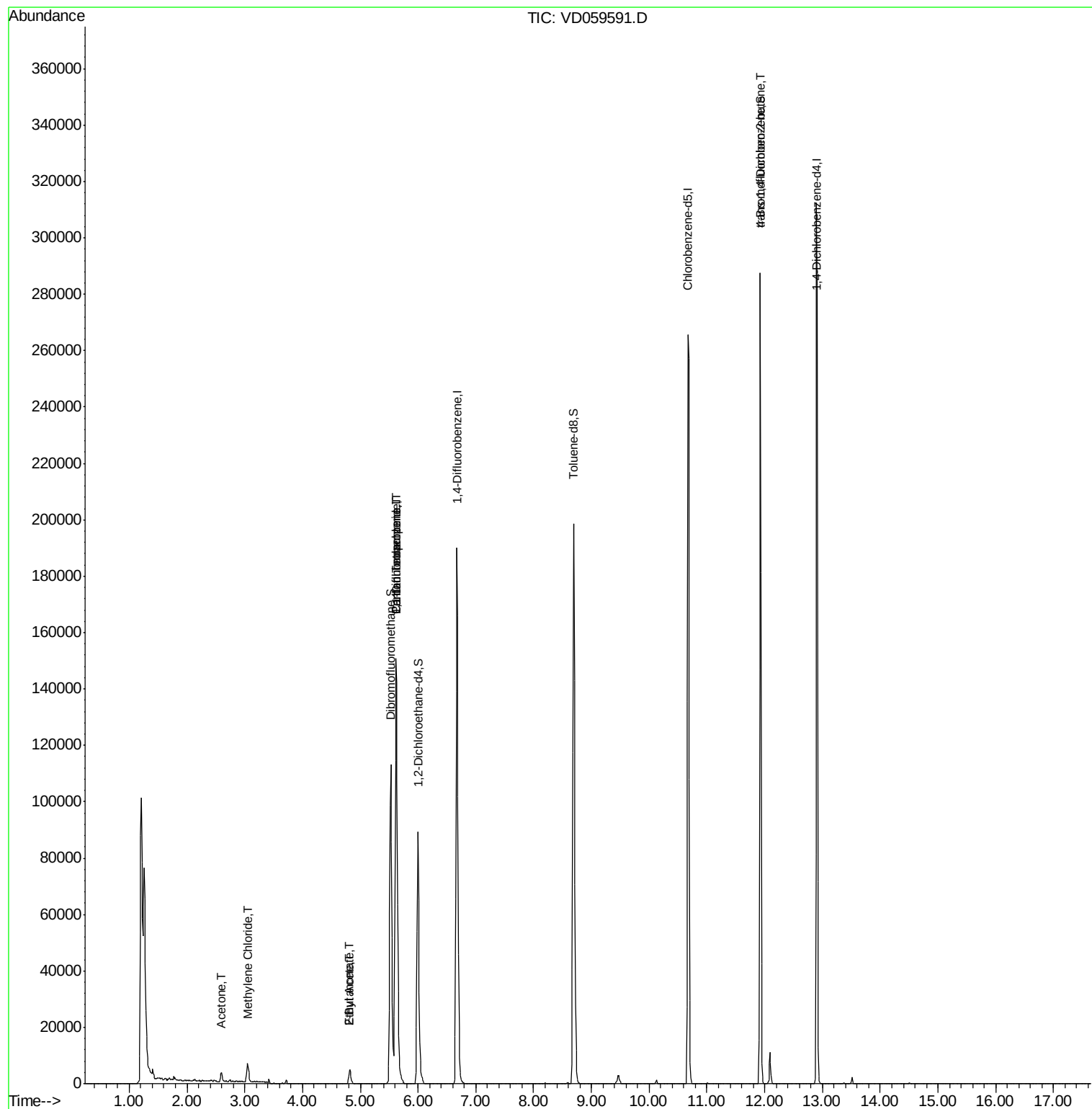
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	5576	20.28	ug/l	93
20) Methylene Chloride	3.05	84	3400	4.34	ug/l	94
25) 2-Butanone	4.82	43	2266	5.40	ug/l #	59
31) Cyclohexane	5.62	56	3447	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	12881	7.08	ug/l #	51
37) Ethyl Acetate	4.82	43	2266	2.42	ug/l #	71
38) Carbon Tetrachloride	5.63	117	14375	5.77	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	41105	137.43	ug/l #	1

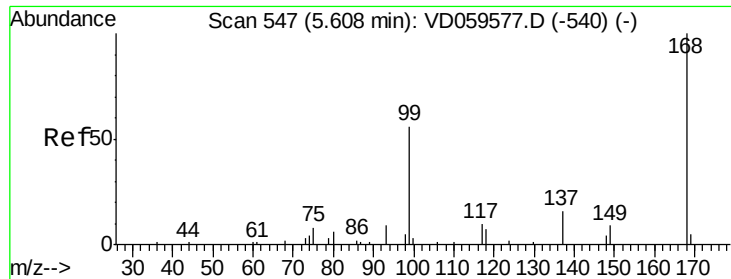
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD059591.D
Acq On : 25 Jul 2018 16:03
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Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Jul 26 04:28:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

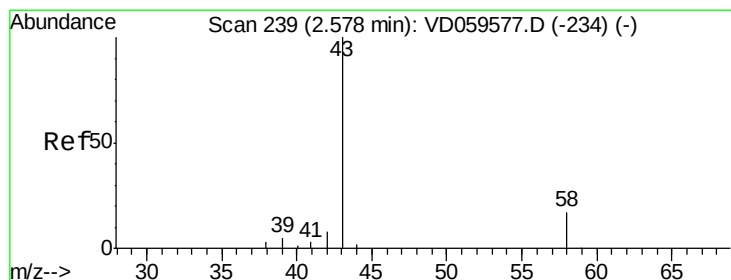
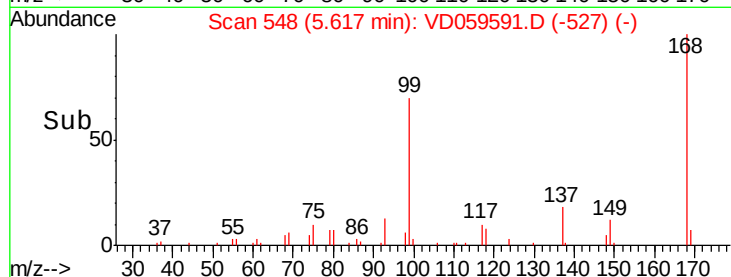
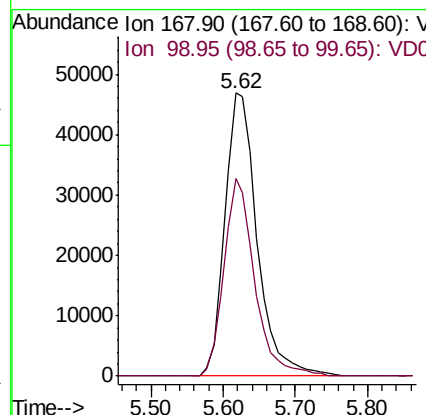
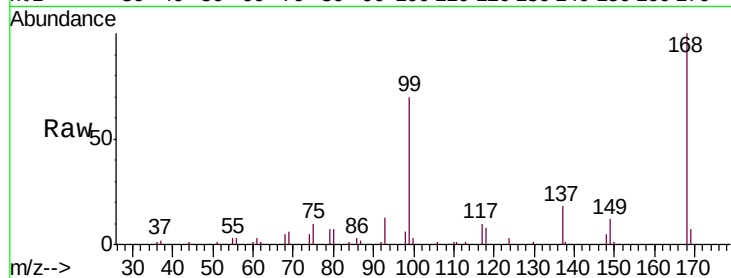




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

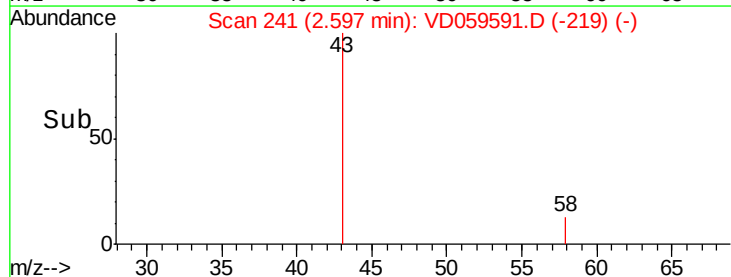
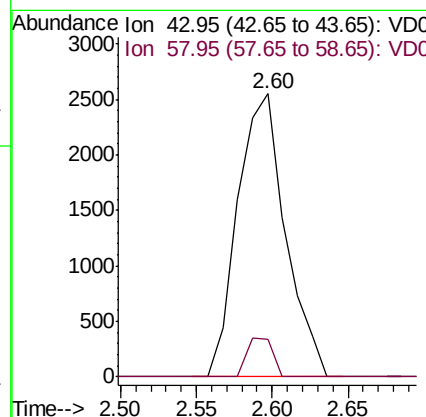
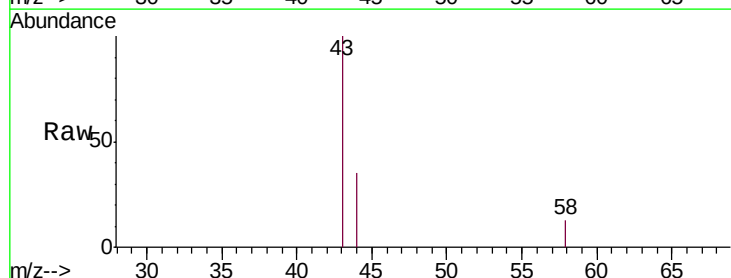
Instrument :
MSVOA_D
ClientSampleId :
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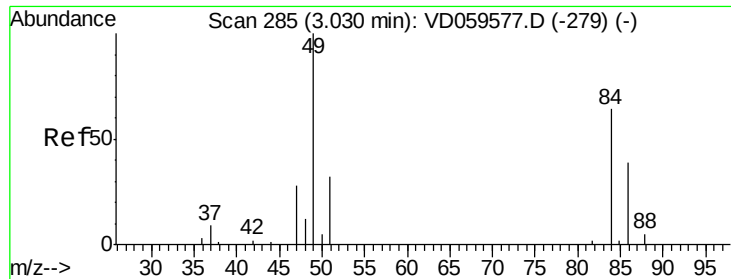
Tot Ion:168 Resp: 144840
Ion Ratio Lower Upper
168 100
99 69.7 47.3 70.9



#16
Acetone
Concen: 20.28 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.02 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

Tgt Ion: 43 Resp: 5576
Ion Ratio Lower Upper
43 100
58 13.5 13.4 20.0

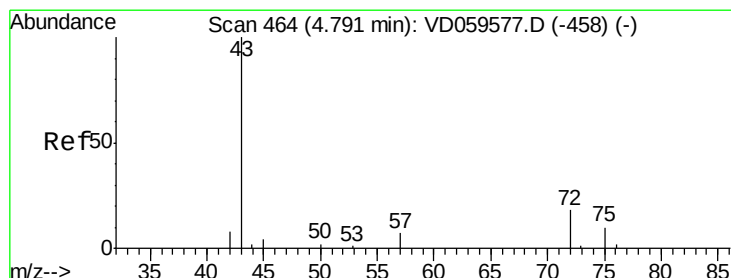
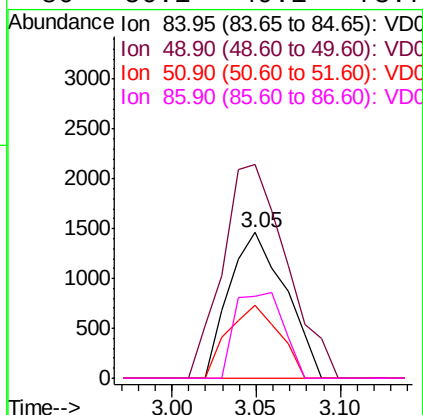
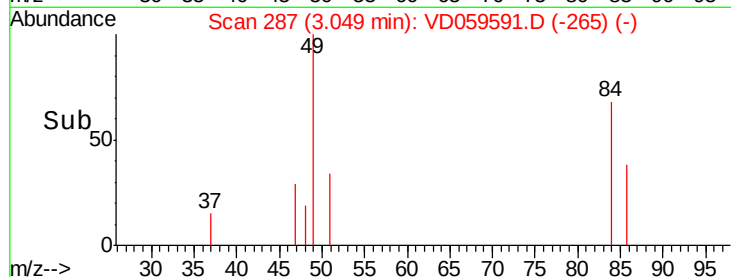
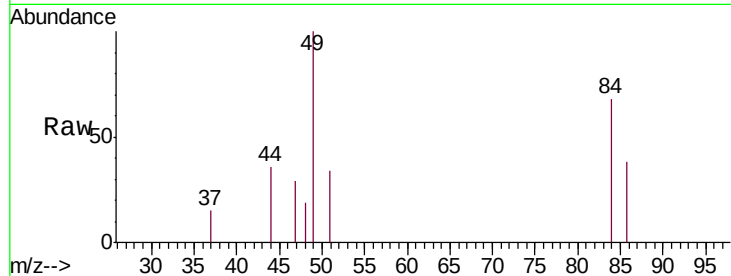




#20
Methvlene Chloride
Concen: 4.34 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

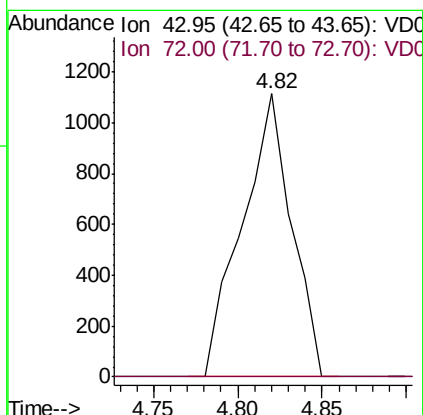
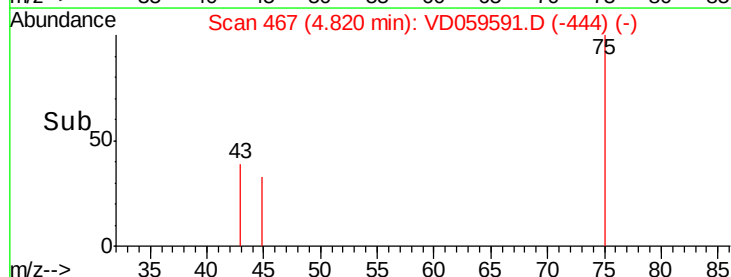
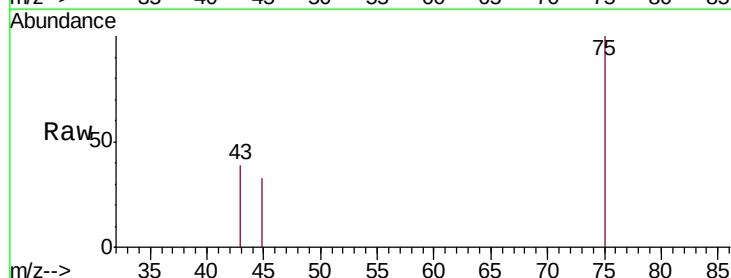
Instrument :
MSVOA_D
ClientSampleId :
KY030LC015-S-180718

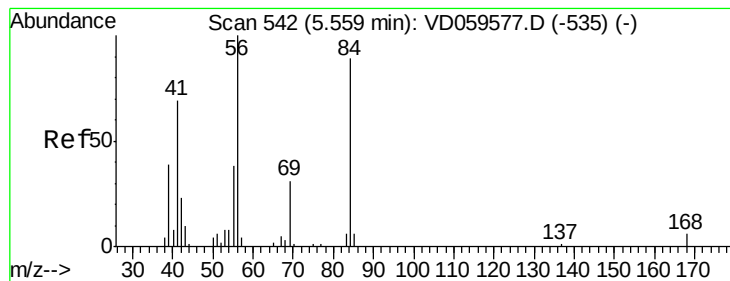
Tot Ion: 84 Resp: 3400
Ion Ratio Lower Upper
84 100
49 146.6 125.4 188.2
51 49.7 39.7 59.5
86 56.1 49.1 73.7



#25
2-Butanone
Concen: 5.40 ug/l
RT: 4.82 min Scan# 467
Delta R.T. 0.03 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
72 0.0 14.7 22.1#





#31

Cyclohexane

Concen: Below Cal

RT: 5.62 min Scan# 548

Delta R.T. 0.06 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

KY030LC015-S-180718

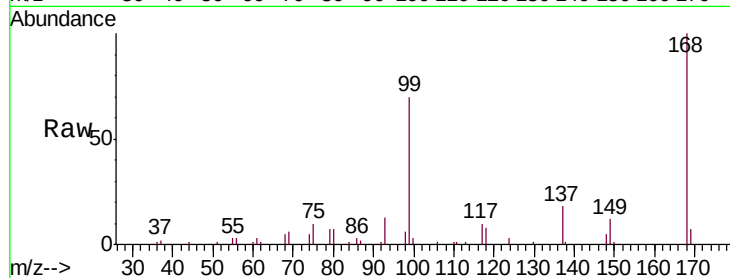
Tot Ion: 56 Resp: 3447

Ion Ratio Lower Upper

56 100

69 185.2 24.6 37.0#

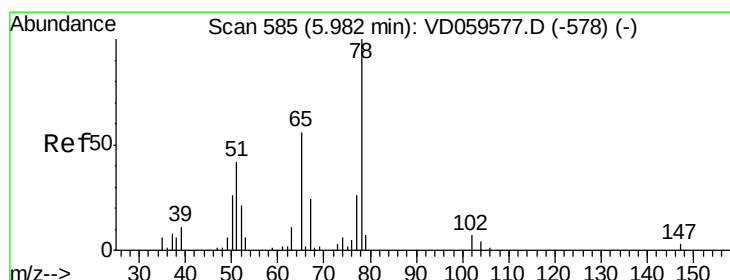
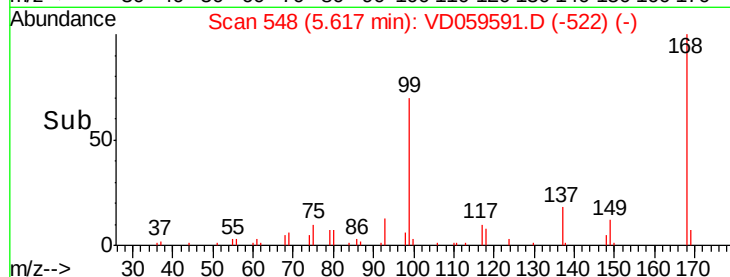
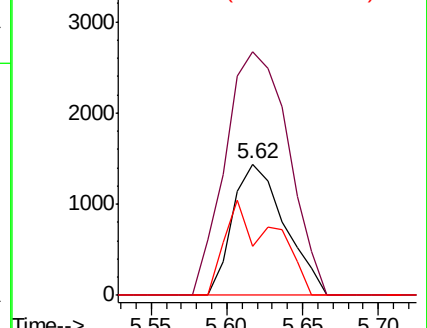
84 37.2 72.7 109.1#



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: VD059591.D

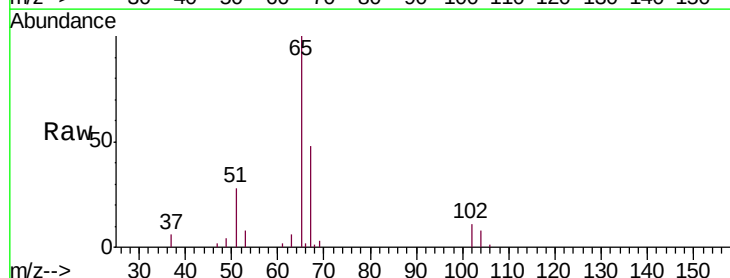
Acq: 25 Jul 2018 16:03

Tgt Ion: 65 Resp: 101717

Ion Ratio Lower Upper

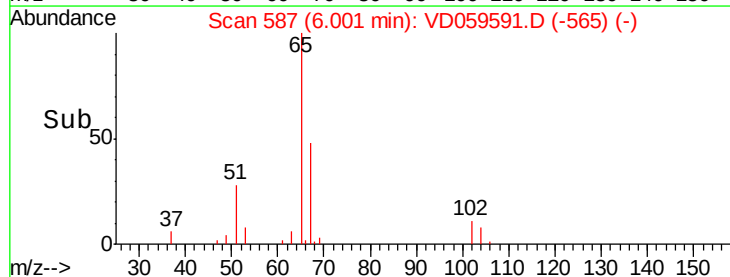
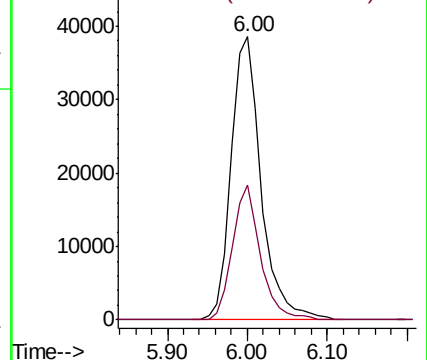
65 100

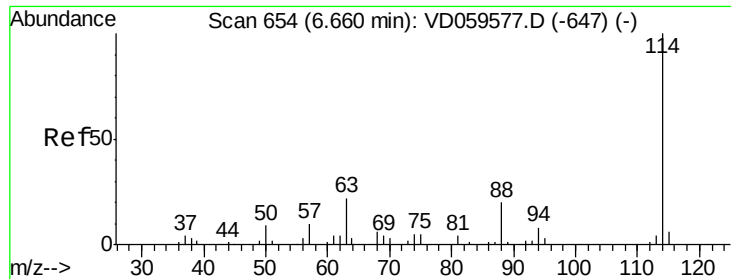
67 47.9 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

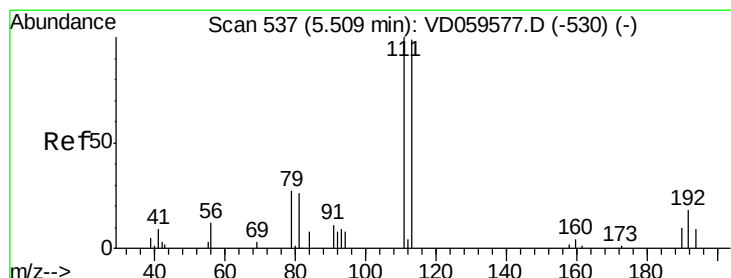
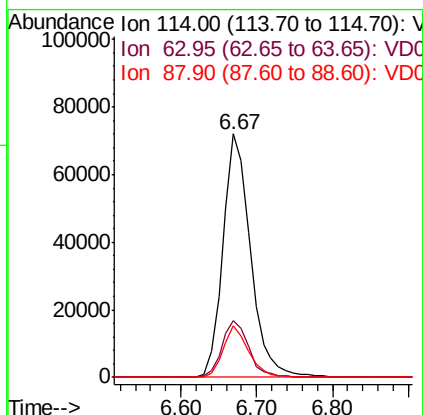
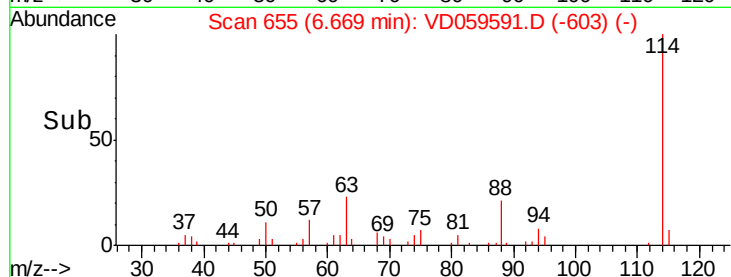
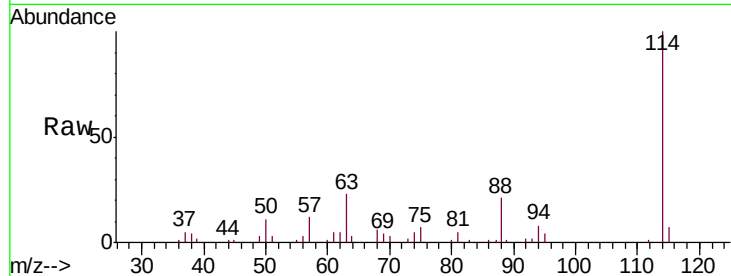




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059591.D
 Acq: 25 Jul 2018 16:03

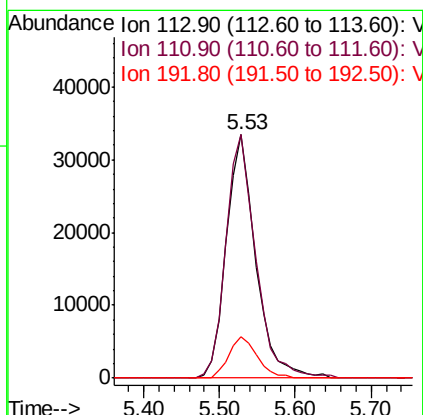
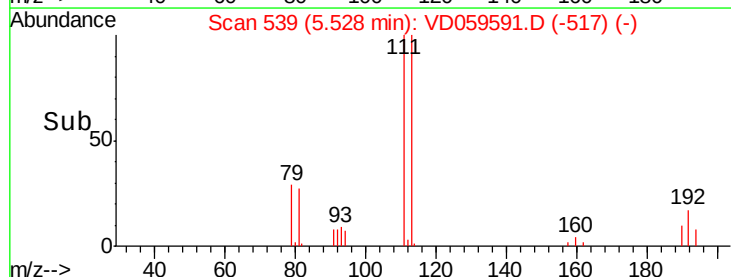
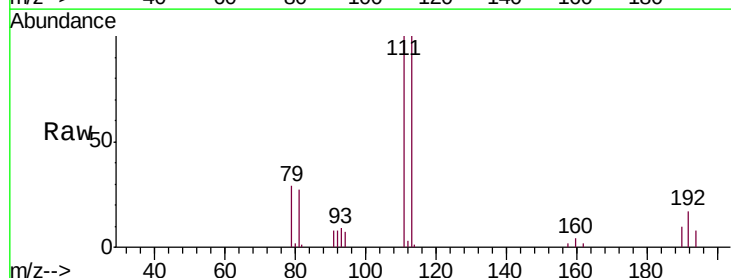
Instrument :
 MSVOA_D
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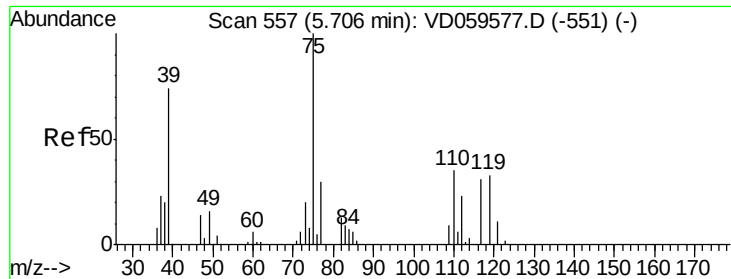
Tot Ion:114 Resp: 181308
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.8
 88 21.4 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059591.D
 Acq: 25 Jul 2018 16:03

Tgt Ion:113 Resp: 89673
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.5 120.7
 192 17.3 14.5 21.7

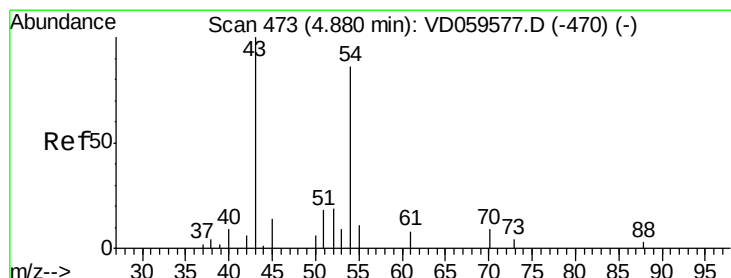
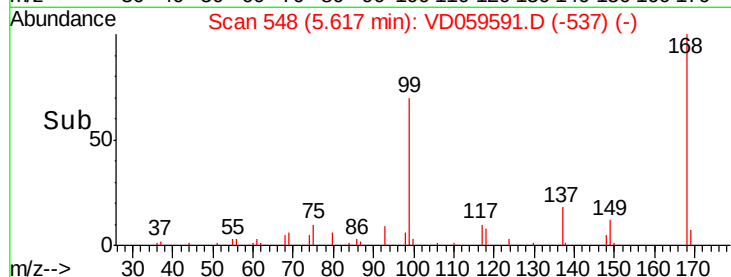
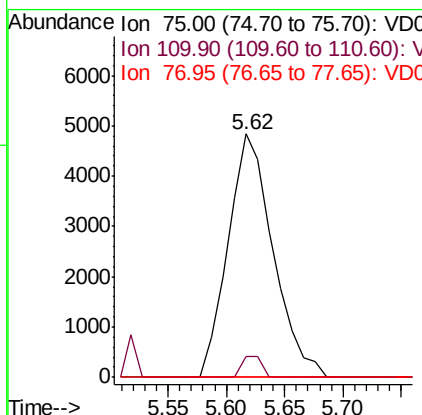
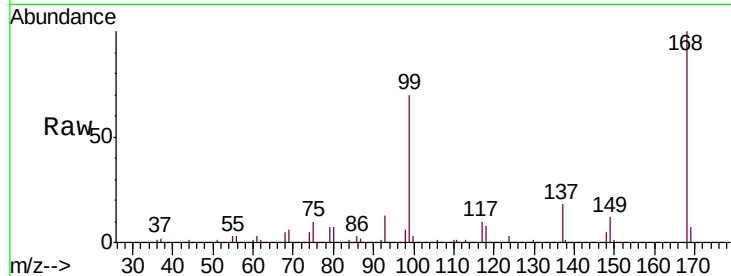




#36
 1,1-Dichloropropene
 Concen: 7.08 ug/l
 RT: 5.62 min Scan# 548
 Delta R.T. -0.09 min
 Lab File: VD059591.D
 Acq: 25 Jul 2018 16:03

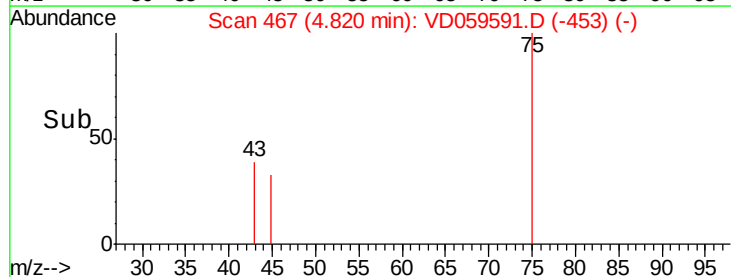
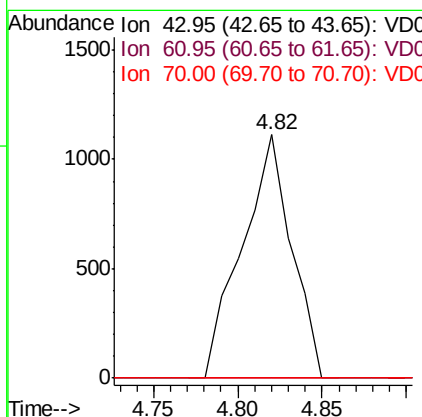
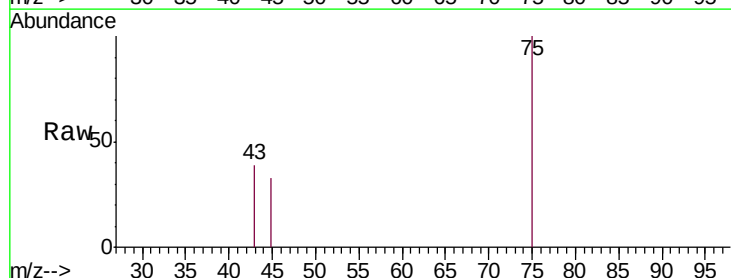
Instrument :
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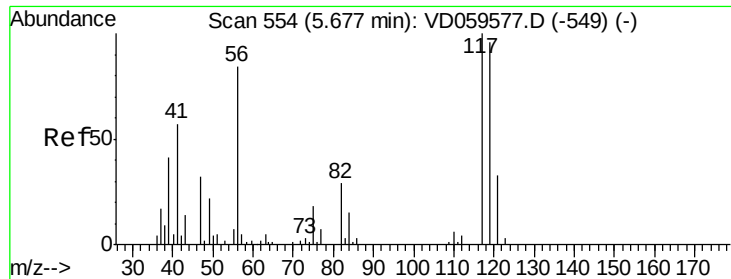
Tot Ion: 75 Resp: 12881
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 50.9#
 77 0.0 23.6 35.4#



#37
 Ethyl Acetate
 Concen: 2.42 ug/l
 RT: 4.82 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: VD059591.D
 Acq: 25 Jul 2018 16:03

Tgt Ion: 43 Resp: 2266
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 5.4 8.0#

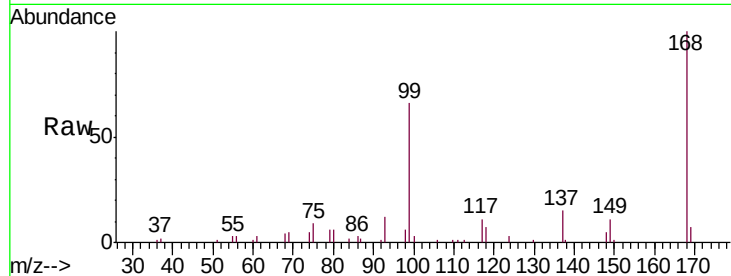




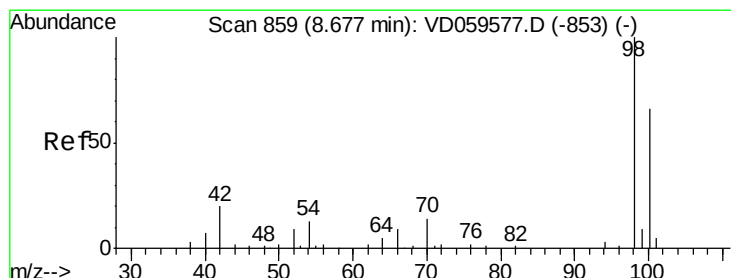
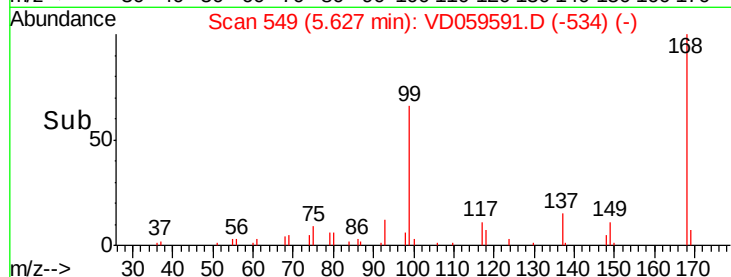
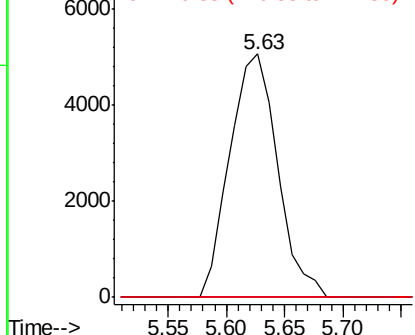
#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.05 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

Instrument :
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ClientSampleId :
KY030LC015-S-180718

Tot Ion:117 Resp: 14375
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

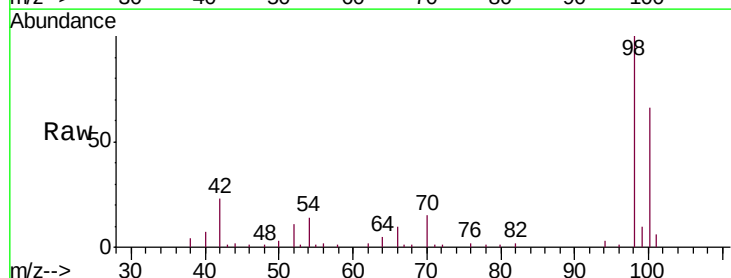


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

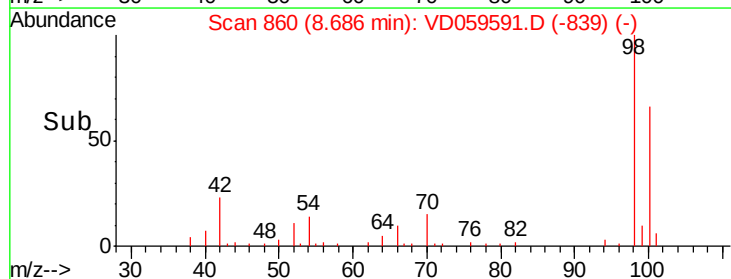
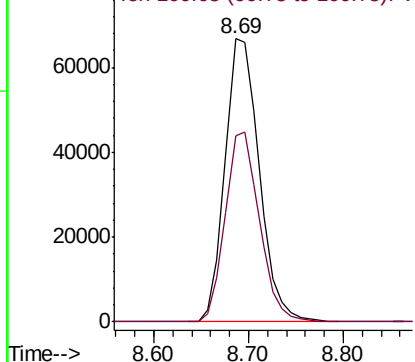


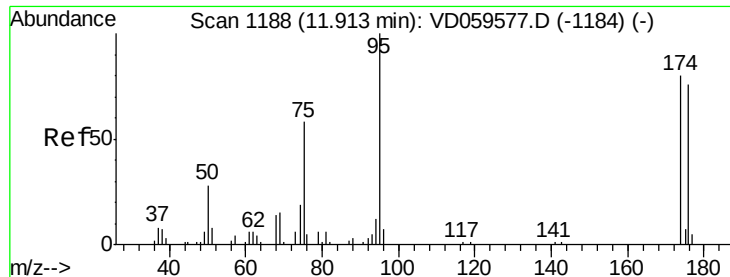
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

Tgt Ion: 98 Resp: 167188
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



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: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

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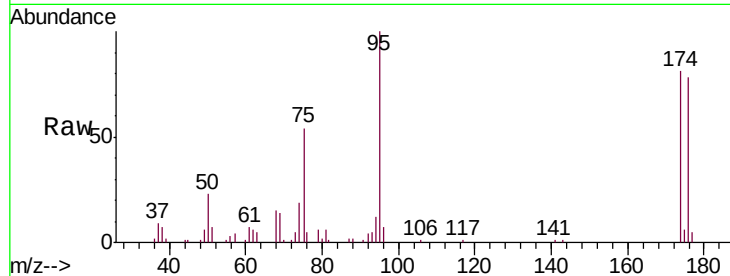
Tot Ion: 95 Resp: 76962

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.6

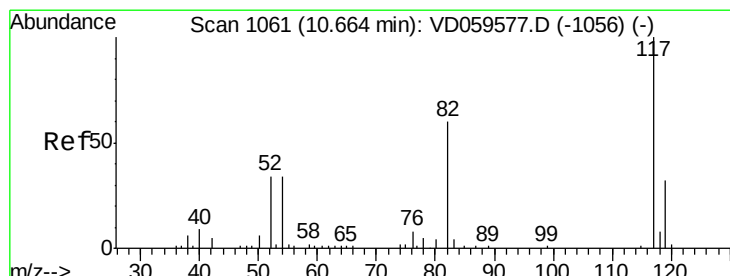
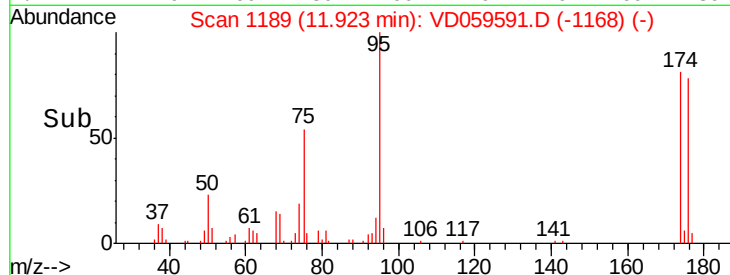
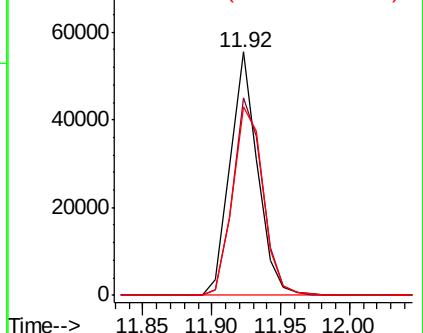
176 77.5 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD059591.D

Acq: 25 Jul 2018 16:03

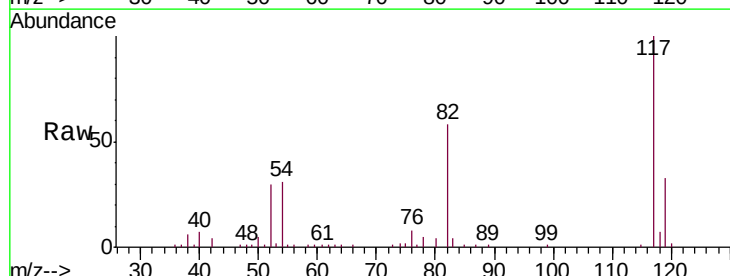
Tgt Ion: 117 Resp: 143652

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.2

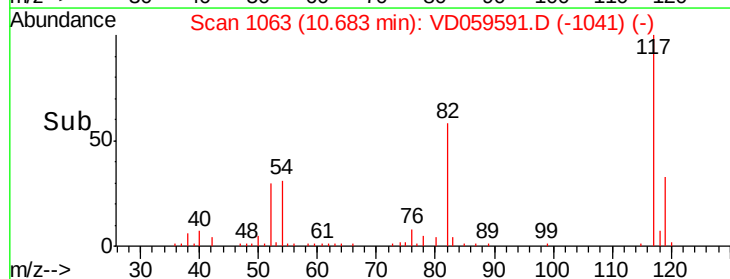
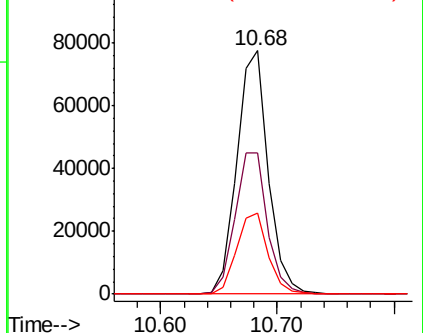
119 33.1 25.4 38.2

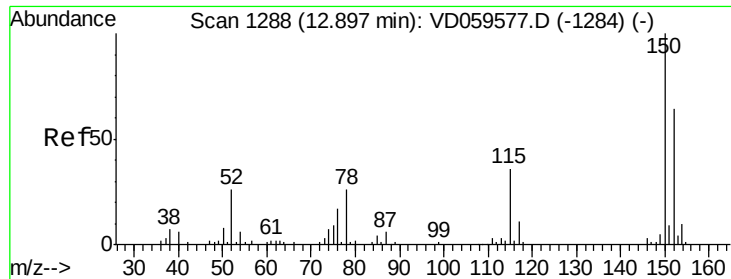


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

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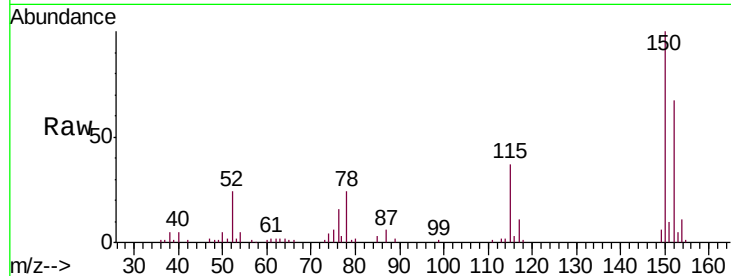
Tot Ion:152 Resp: 70744

Ion Ratio Lower Upper

152 100

115 55.1 29.5 88.6

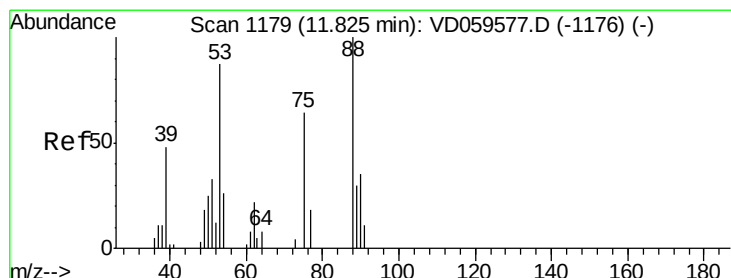
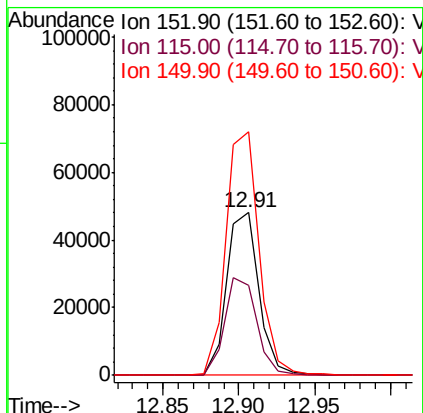
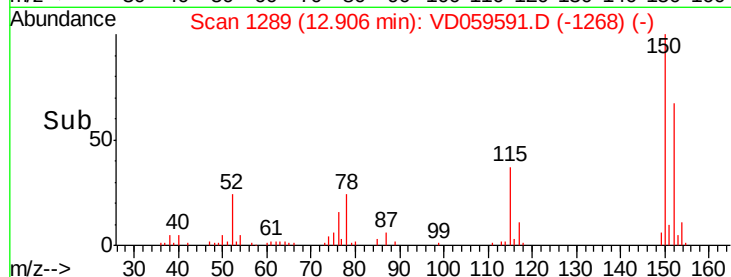
150 149.5 0.0 314.4



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: 137.43 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

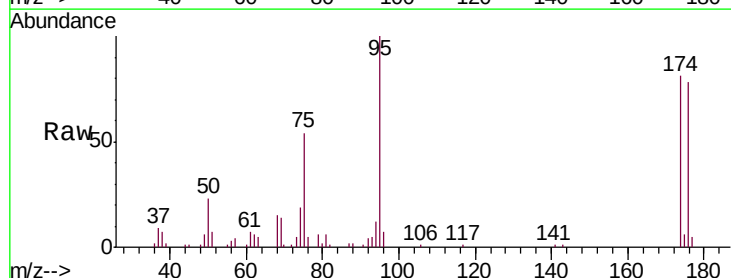
Tgt Ion: 75 Resp: 41105

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

