

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061747.D
 Acq On : 11 Apr 2019 18:06
 Operator : VA/AP
 Sample : K2346-01
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:01:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	463604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	758994	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	657179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	245608	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	231390	65.85	ug/l	0.00
Spiked Amount			Recovery	=	131.70%	
35) Dibromofluoromethane	6.91	113	336951	64.08	ug/l	0.00
Spiked Amount			Recovery	=	128.16%	
50) Toluene-d8	10.40	98	721058	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	13.55	95	278242	63.40	ug/l	0.00
Spiked Amount			Recovery	=	126.80%	

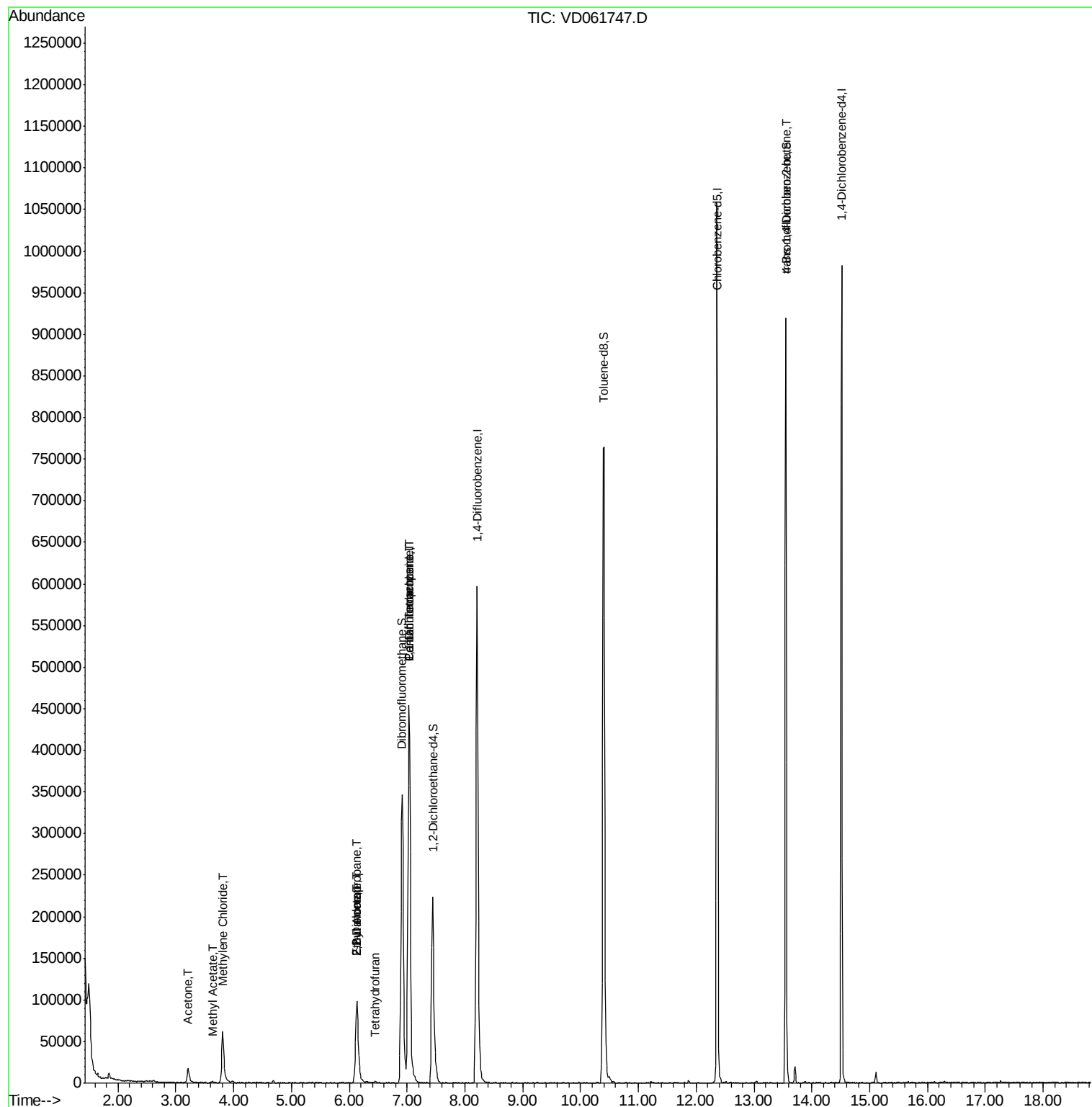
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	37317	35.524	ug/l	94
18) Methyl Acetate	3.64	43	3787	1.916	ug/l #	53
20) Methylene Chloride	3.81	84	48008	8.054	ug/l	92
25) 2-Butanone	6.13	43	6706	5.537	ug/l #	54
26) 2,2-Dichloropropane	6.14	77	7417	1.076	ug/l #	50
29) Tetrahydrofuran	6.44	42	1588	2.716	ug/l #	40
36) 1,1-Dichloropropene	7.04	75	34899	5.254	ug/l #	47
37) Ethyl Acetate	6.13	43	6706	2.479	ug/l #	1
38) Carbon Tetrachloride	7.03	117	43051	5.530	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.55	75	106500	105.030	ug/l #	20

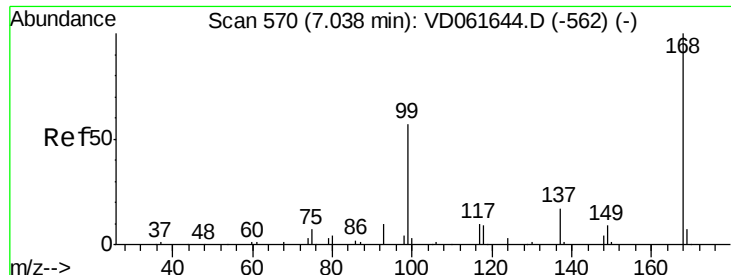
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061747.D
Acq On : 11 Apr 2019 18:06
Operator : VA/AP
Sample : K2346-01
Misc : 5.76g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 01:01:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

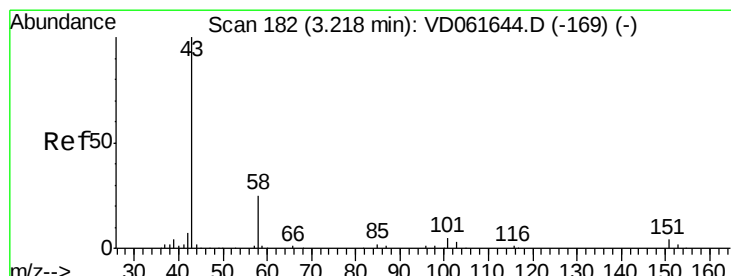
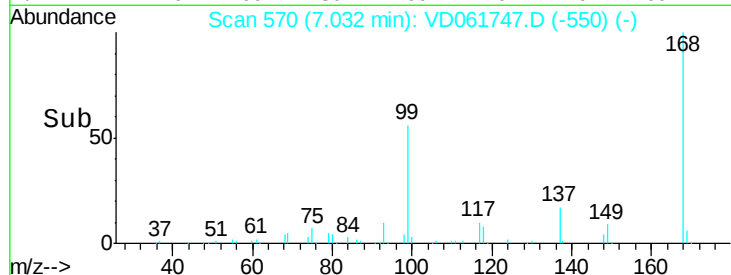
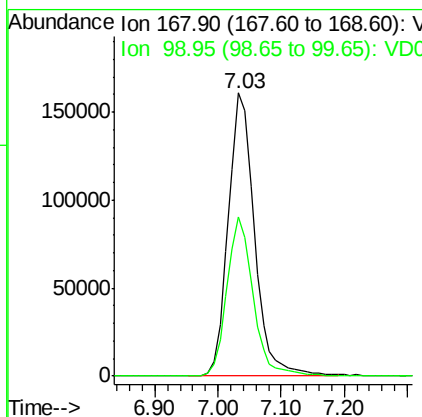
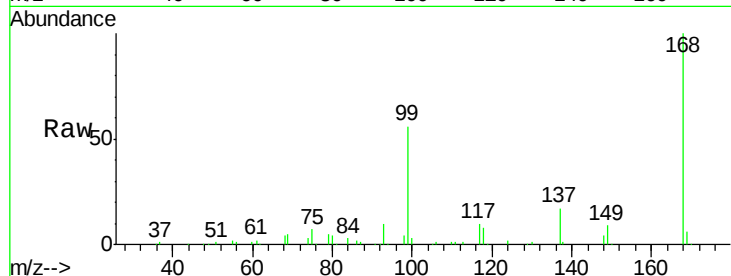




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

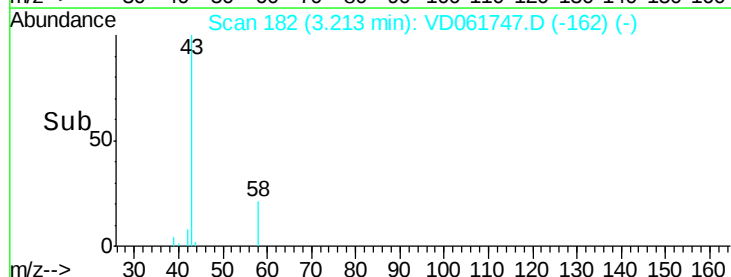
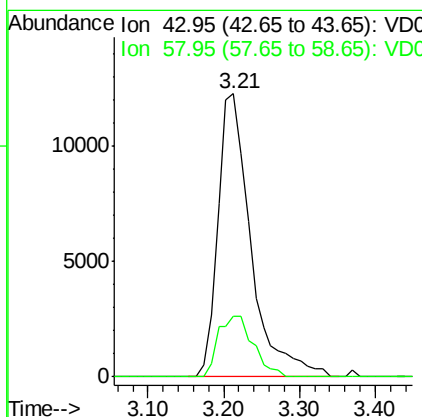
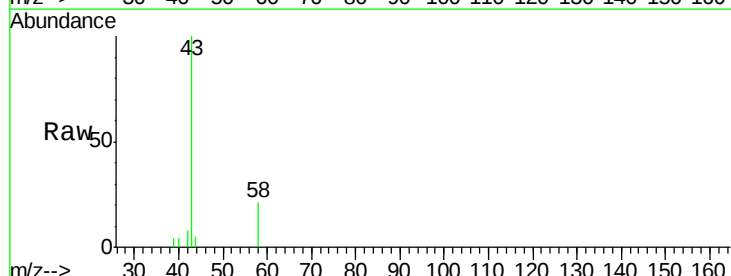
Instrument :
MSVOA_D
ClientSampleId :

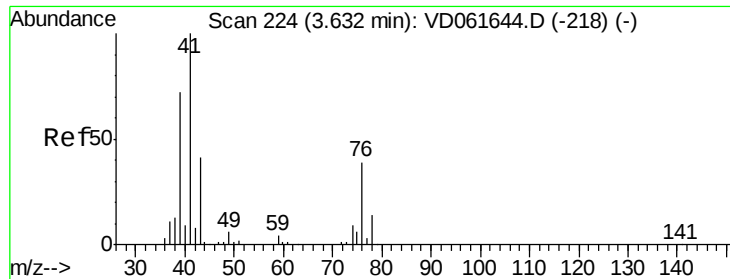
Tot Ion:168 Resp: 463604
Ion Ratio Lower Upper
168 100
99 56.4 46.8 70.2



#16
Acetone
Concen: 35.524 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

Tgt Ion: 43 Resp: 37317
Ion Ratio Lower Upper
43 100
58 21.4 19.7 29.5

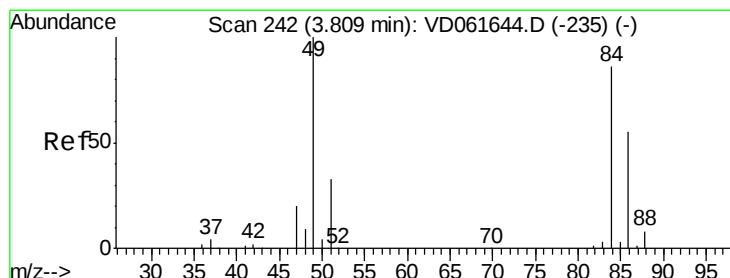
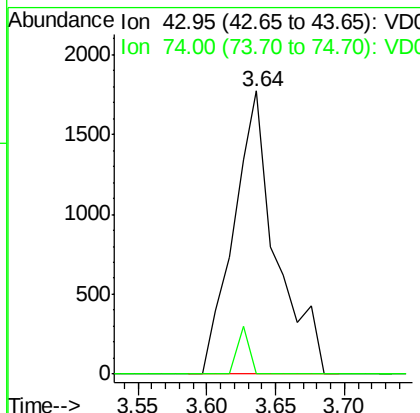
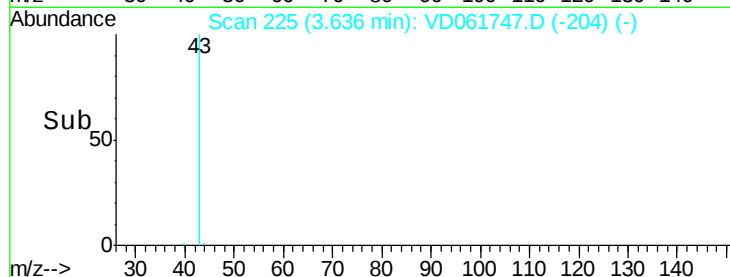
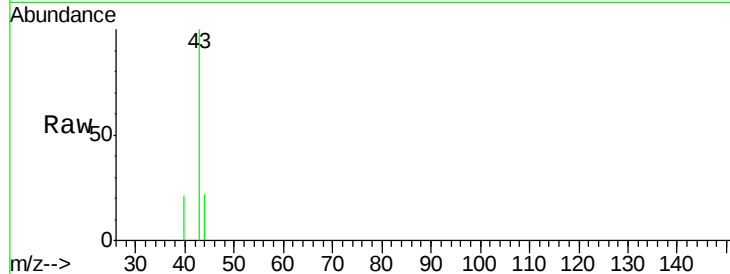




#18
Methyl Acetate
Concen: 1.916 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

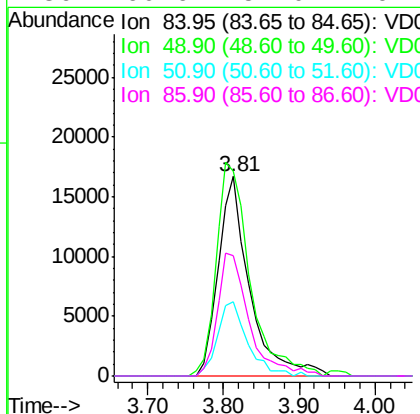
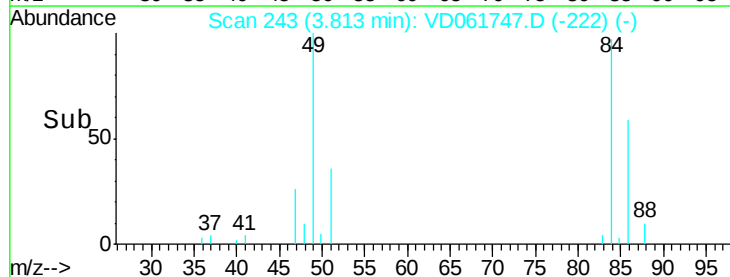
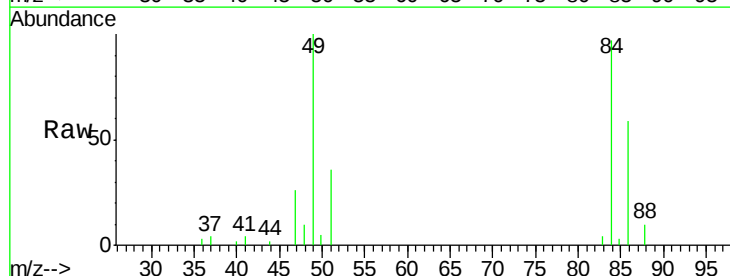
Instrument :
MSVOA_D
ClientSampleId :

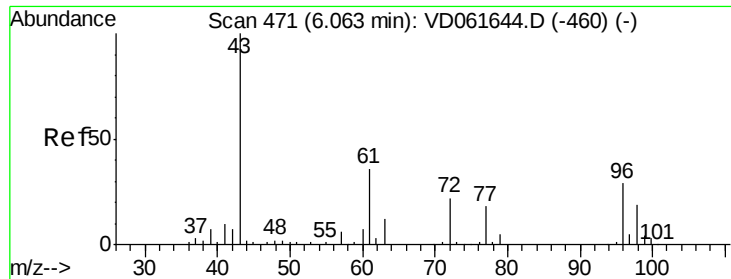
Tot Ion: 43 Resp: 3787
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 8.054 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

Tgt Ion: 84 Resp: 48008
Ion Ratio Lower Upper
84 100
49 102.9 93.0 139.4
51 37.0 30.4 45.6
86 60.6 51.0 76.4





#25

2-Butanone

Concen: 5.537 ug/l

RT: 6.13 min Scan# 478

Delta R.T. 0.06 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

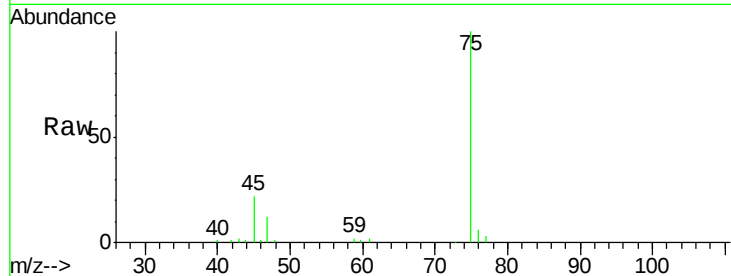
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 6706

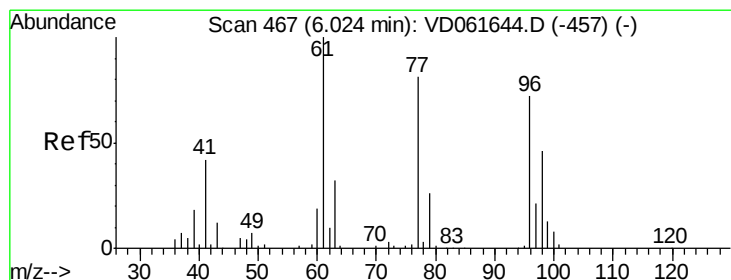
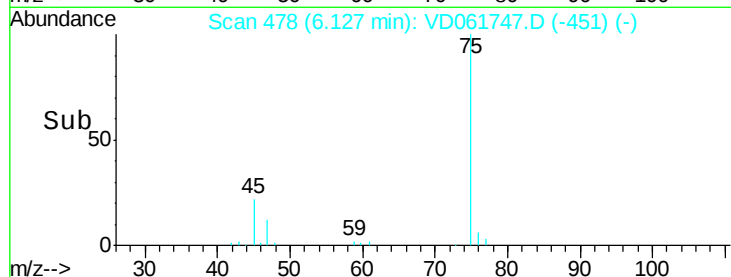
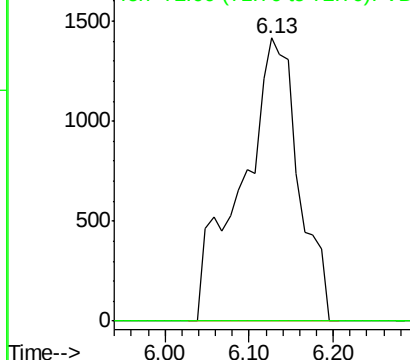
Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.2#



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



#26

2,2-Dichloropropane

Concen: 1.076 ug/l

RT: 6.14 min Scan# 479

Delta R.T. 0.11 min

Lab File: VD061747.D

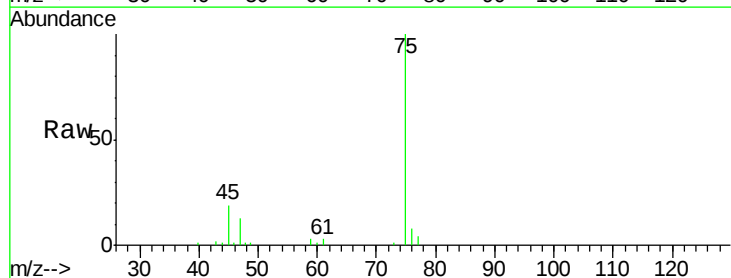
Acq: 11 Apr 2019 18:06

Tgt Ion: 77 Resp: 7417

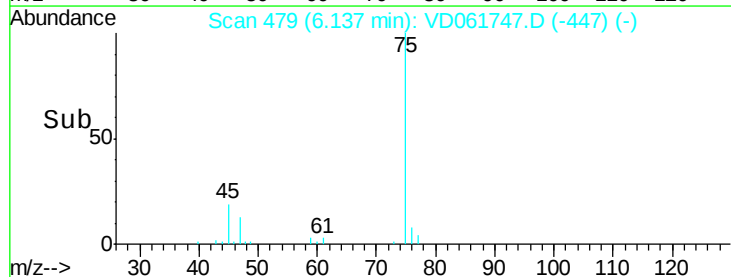
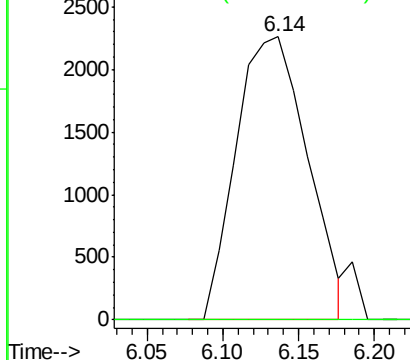
Ion Ratio Lower Upper

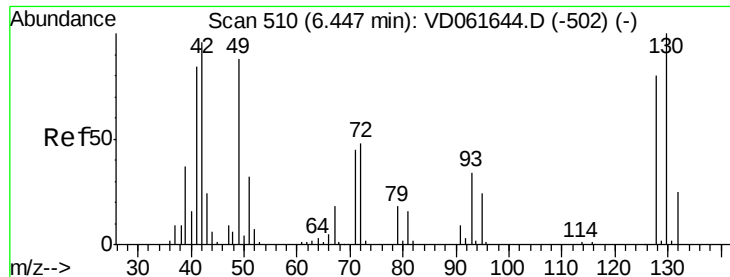
77 100

97 0.0 12.7 38.0#



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC

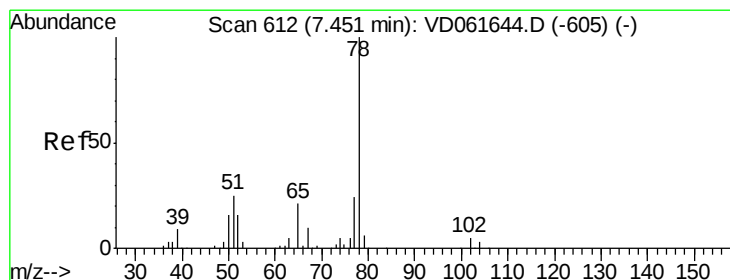
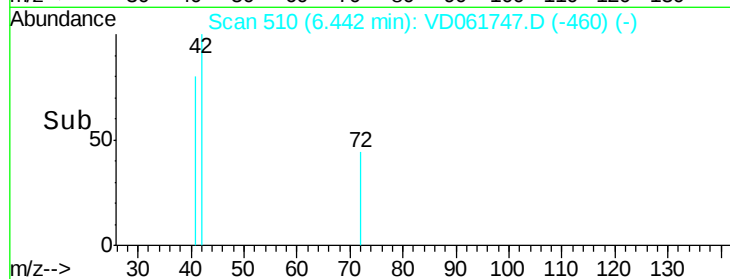
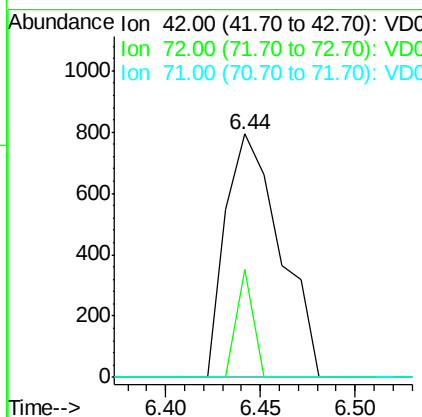
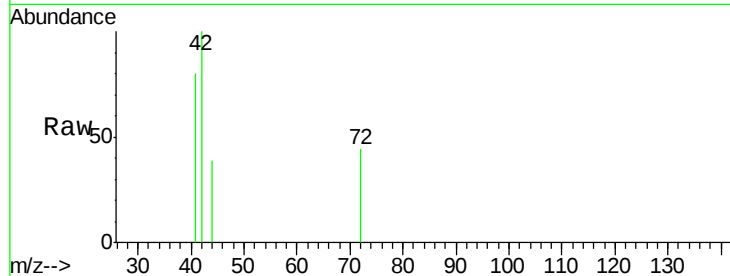




#29
Tetrahydrofuran
Concen: 2.716 ug/l
RT: 6.44 min Scan# 510
Delta R.T. -0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

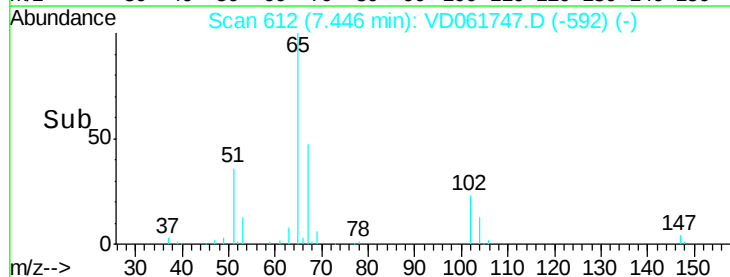
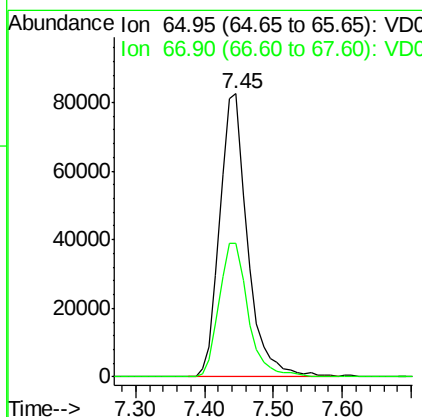
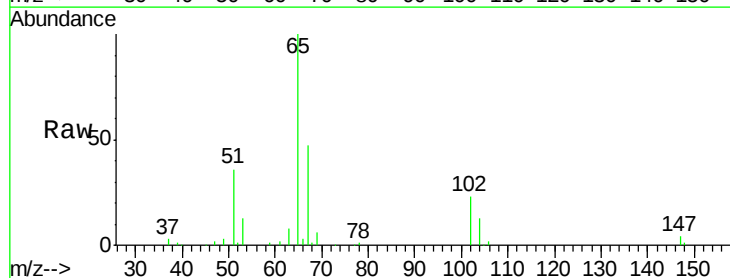
Instrument :
MSVOA_D
ClientSampled :

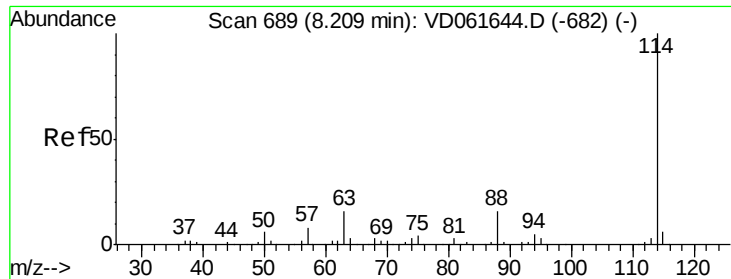
Tot Ion: 42 Resp: 1588
Ion Ratio Lower Upper
42 100
72 13.1 37.0 55.6#
71 0.0 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

Tgt Ion: 65 Resp: 231390
Ion Ratio Lower Upper
65 100
67 47.2 0.0 99.4

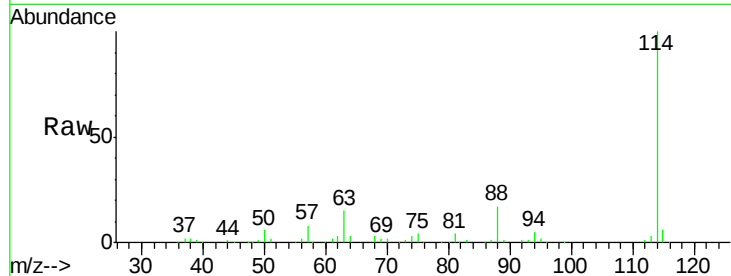




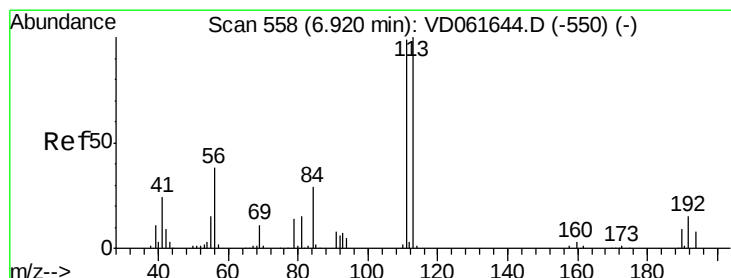
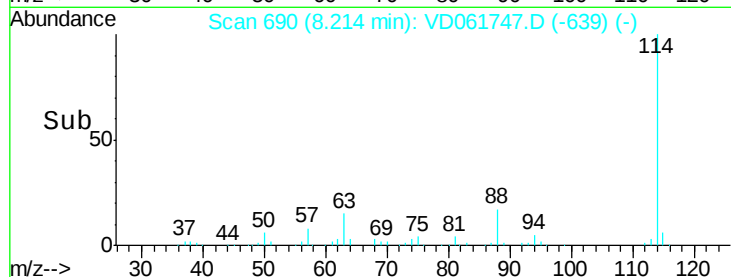
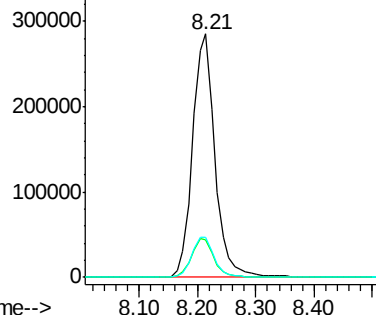
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061747.D
 Acq: 11 Apr 2019 18:06

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 758994
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.2
 88 16.5 0.0 31.8

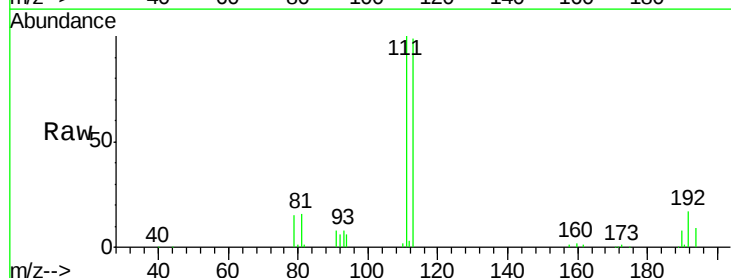


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

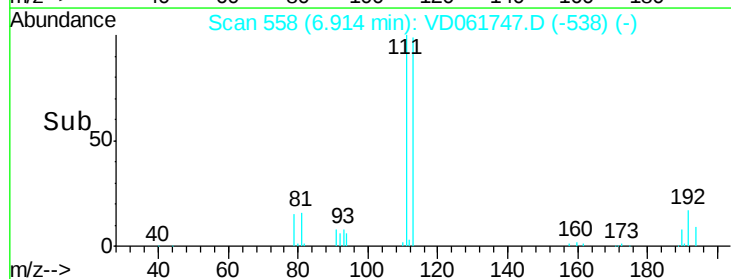
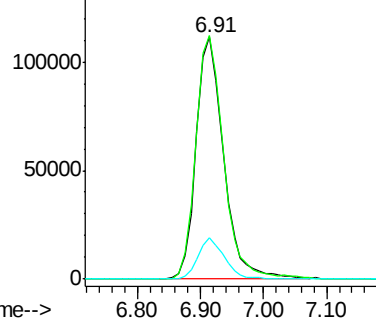


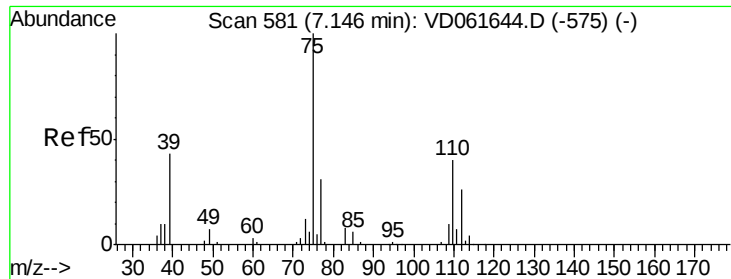
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061747.D
 Acq: 11 Apr 2019 18:06

Tgt Ion:113 Resp: 336951
 Ion Ratio Lower Upper
 113 100
 111 100.7 79.3 118.9
 192 16.9 12.3 18.5



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: 5.254 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

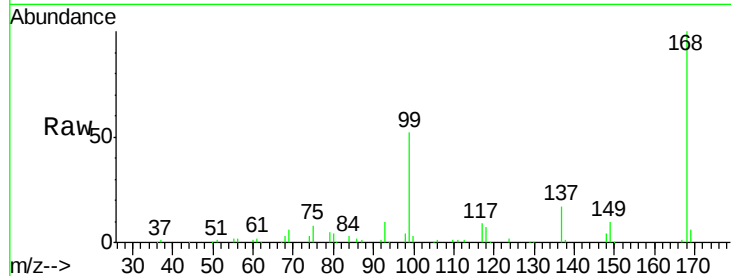
Tot Ion: 75 Resp: 34899

Ion Ratio Lower Upper

75 100

110 9.0 19.7 59.0#

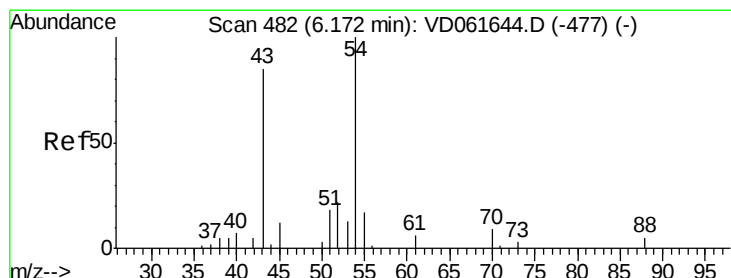
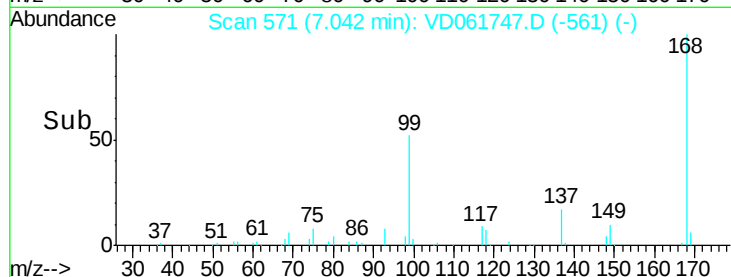
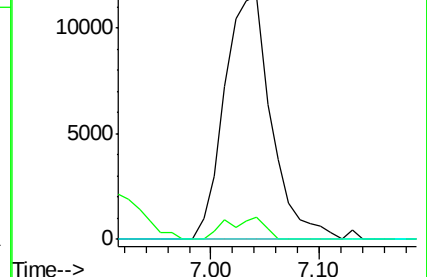
77 0.0 24.8 37.2#



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: 2.479 ug/l

RT: 6.13 min Scan# 478

Delta R.T. -0.04 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

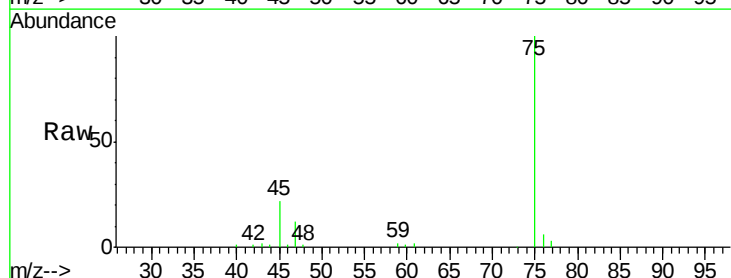
Tgt Ion: 43 Resp: 6706

Ion Ratio Lower Upper

43 100

61 107.3 11.9 17.9#

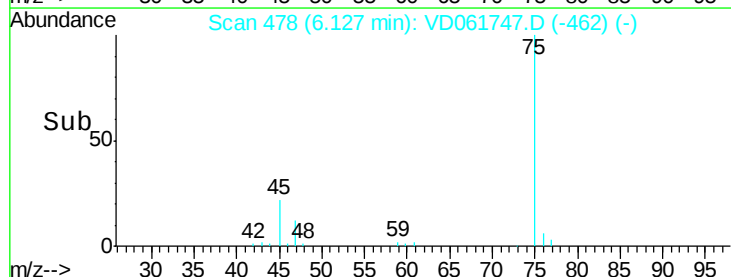
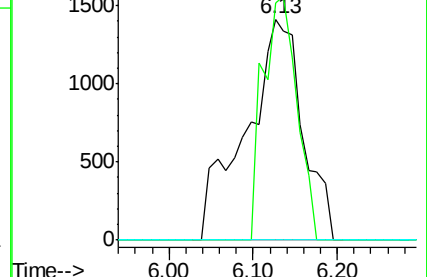
70 0.0 6.9 10.3#

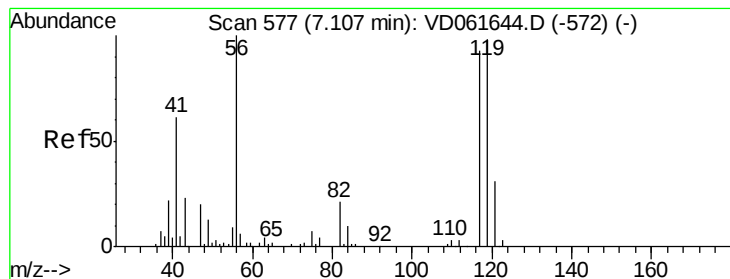


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.07 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

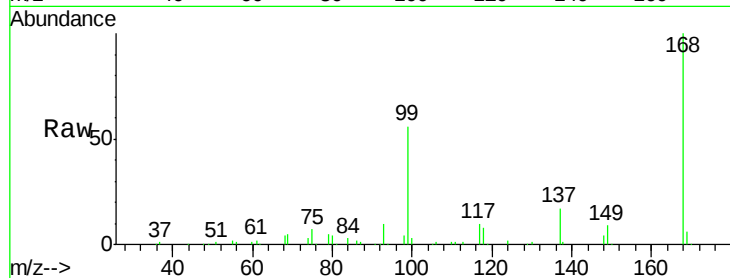
Tot Ion:117 Resp: 43051

Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

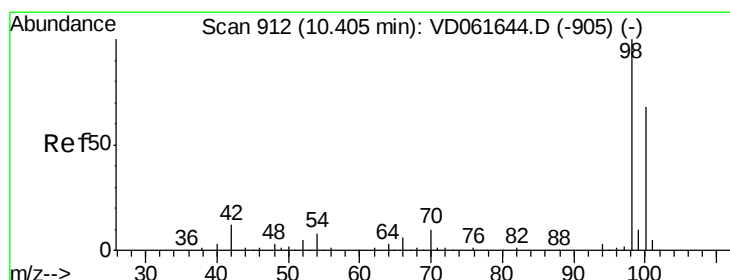
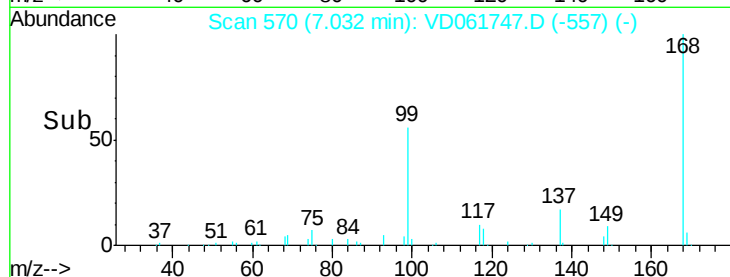
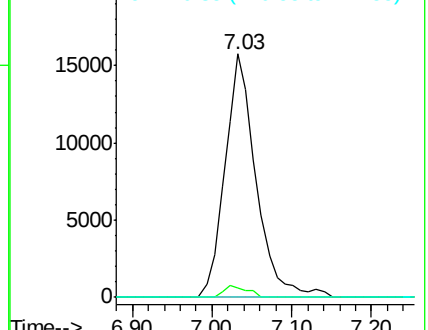
121 0.0 24.7 37.1#



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: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061747.D

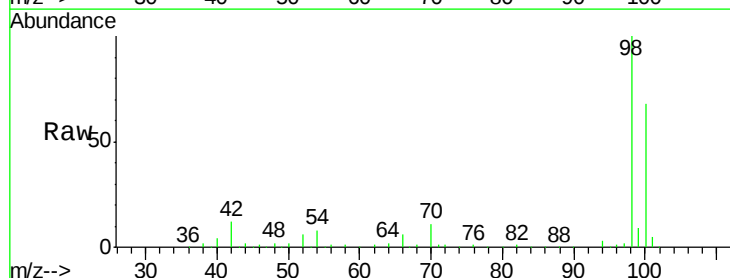
Acq: 11 Apr 2019 18:06

Tgt Ion: 98 Resp: 721058

Ion Ratio Lower Upper

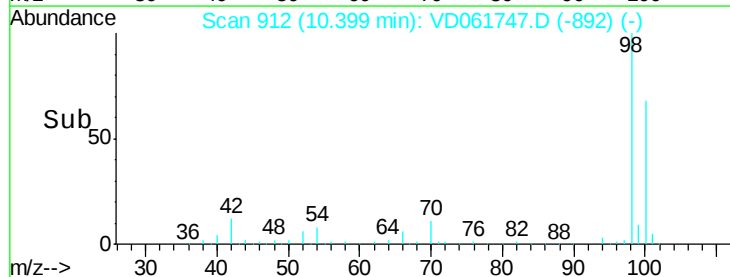
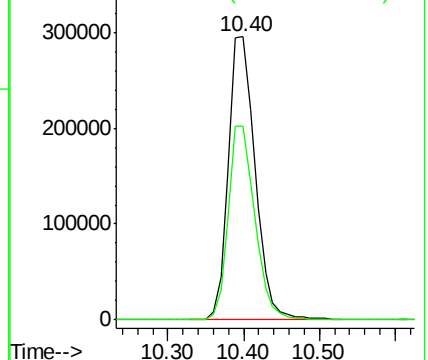
98 100

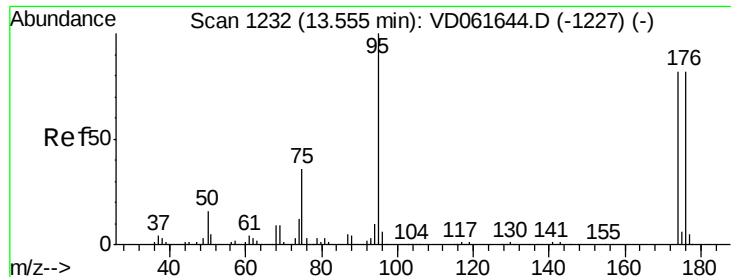
100 68.3 55.4 83.0



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: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

Instrument :

MSVOA_D

ClientSampled :

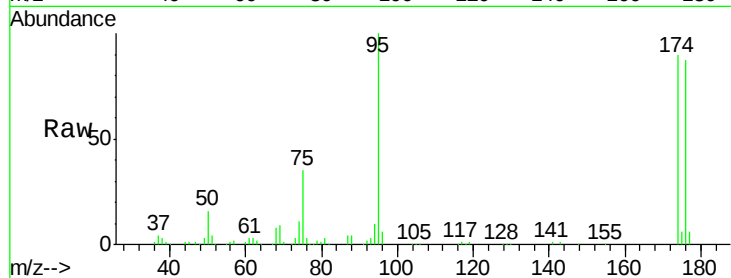
Tot Ion: 95 Resp: 278242

Ion Ratio Lower Upper

95 100

174 89.7 0.0 164.6

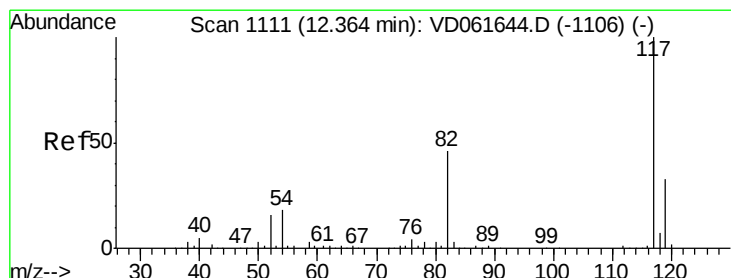
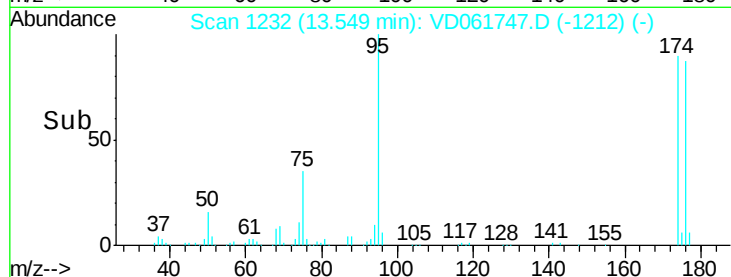
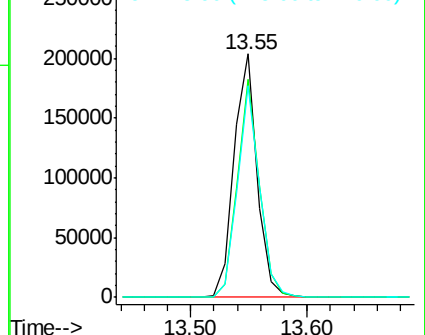
176 86.8 0.0 165.0



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: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

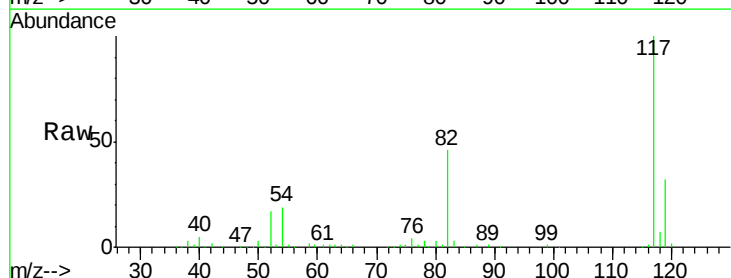
Tgt Ion: 117 Resp: 657179

Ion Ratio Lower Upper

117 100

82 45.6 36.8 55.2

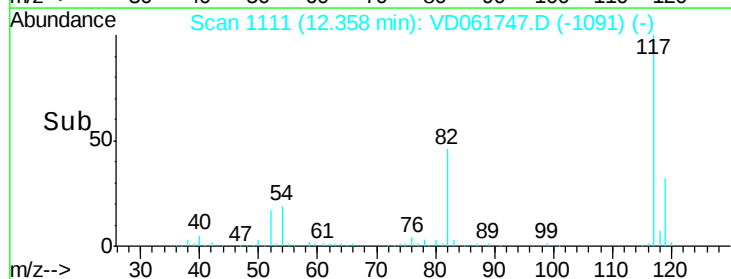
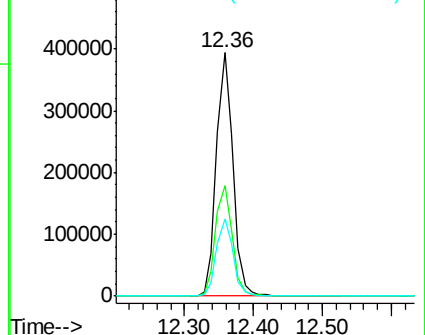
119 31.6 26.1 39.1

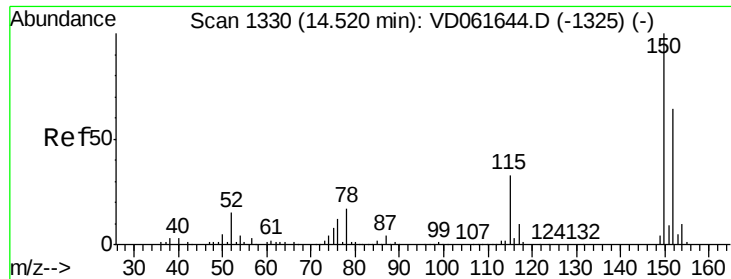


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

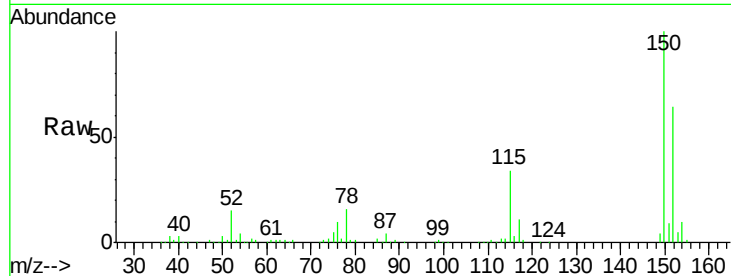
Tot Ion:152 Resp: 245608

Ion Ratio Lower Upper

152 100

115 53.0 26.4 79.2

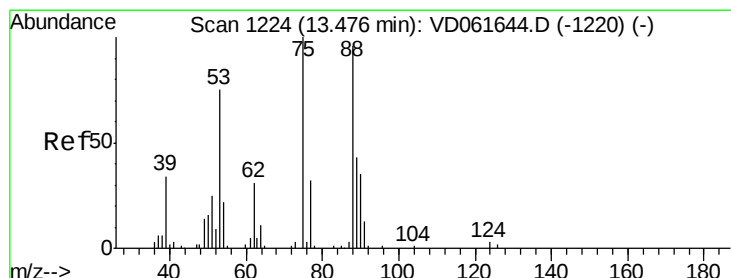
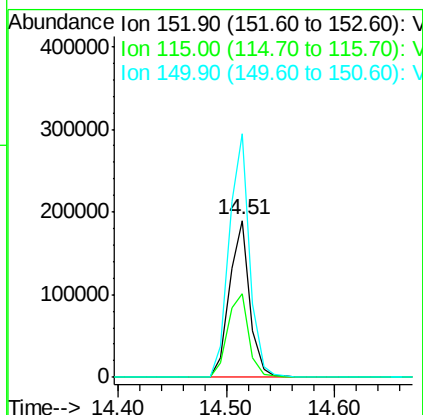
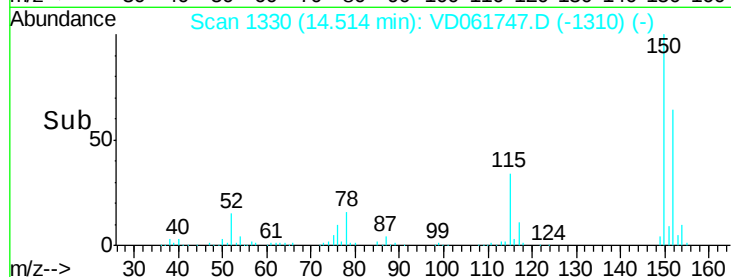
150 155.4 0.0 320.6



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: 105.030 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061747.D

Acq: 11 Apr 2019 18:06

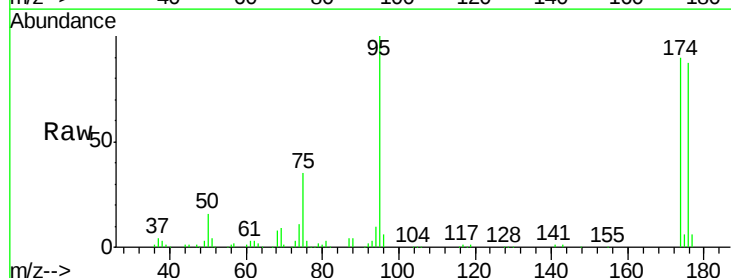
Tgt Ion: 75 Resp: 106500

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

