

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061545.D
 Acq On : 3 Apr 2019 8:15
 Operator : VA/AP
 Sample : K1695-04
 Misc : 5.43g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 00:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

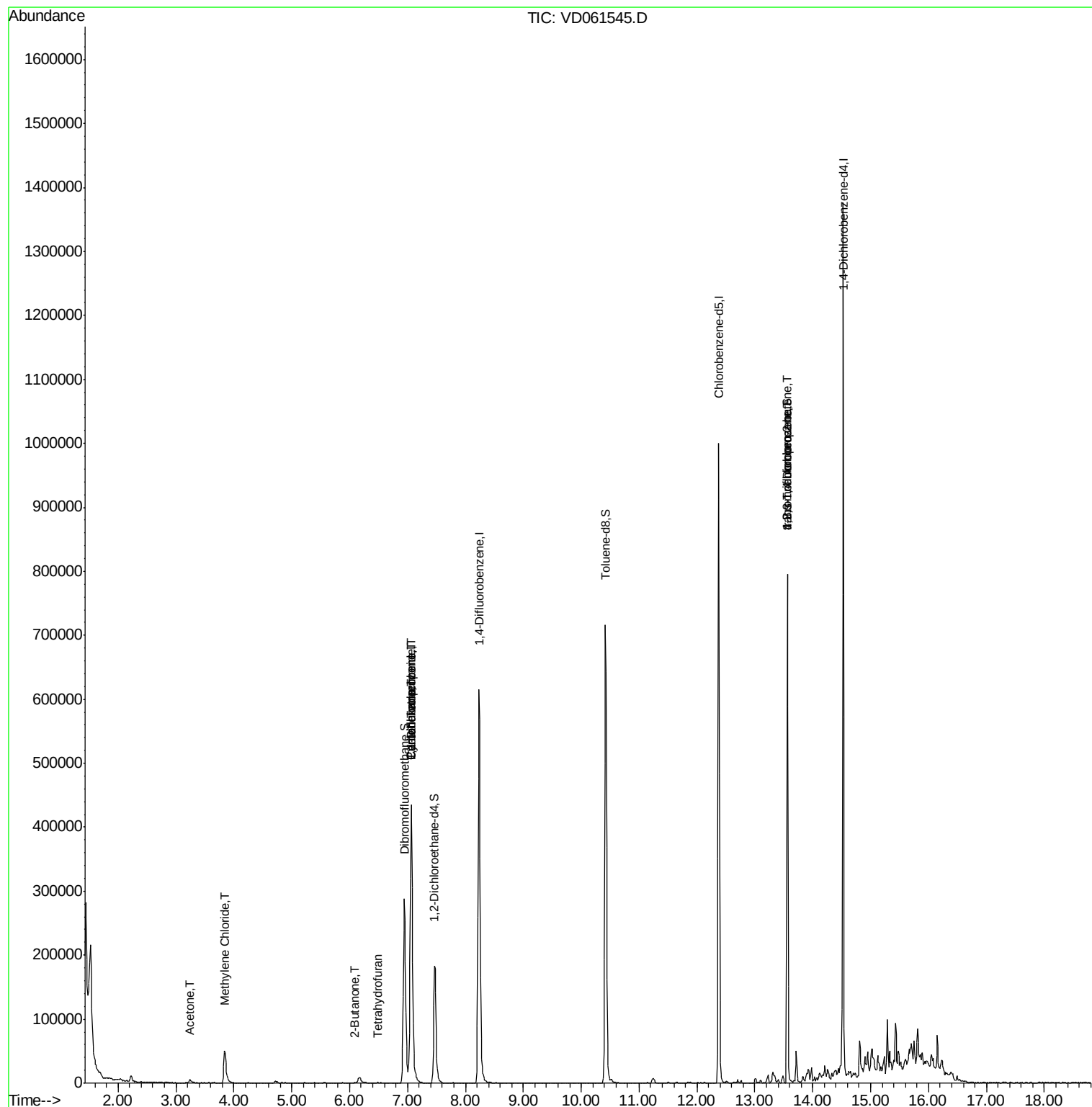
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	451537	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	768969	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	649151	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	297592	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	195672	50.73	ug/l	0.04
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	6.94	113	279302	47.53	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.42	98	628623	44.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	13.56	95	253904	46.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
					Qvalue	
16) Acetone	3.24	43	11406	11.503	ug/l #	88
20) Methylene Chloride	3.84	84	40876	5.656	ug/l	98
25) 2-Butanone	6.10	43	1722	1.381	ug/l #	54
29) Tetrahydrofuran	6.49	42	724	1.198	ug/l #	30
31) Cyclohexane	7.06	56	8352	1.257	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	33517	4.994	ug/l #	45
38) Carbon Tetrachloride	7.06	117	43778	5.677	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	94433	21.967	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	96940	73.960	ug/l #	18

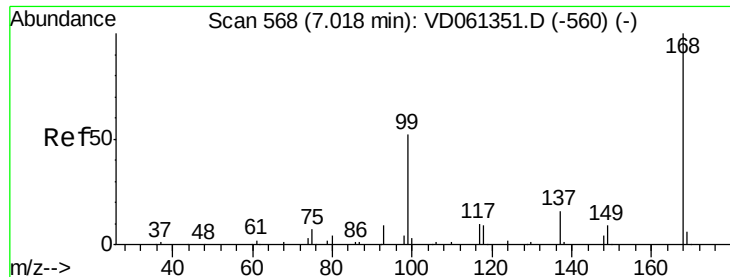
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
Data File : VD061545.D
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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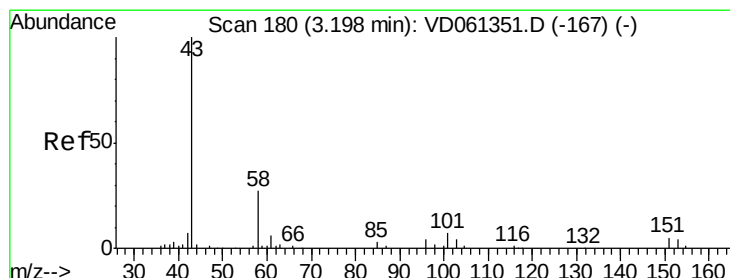
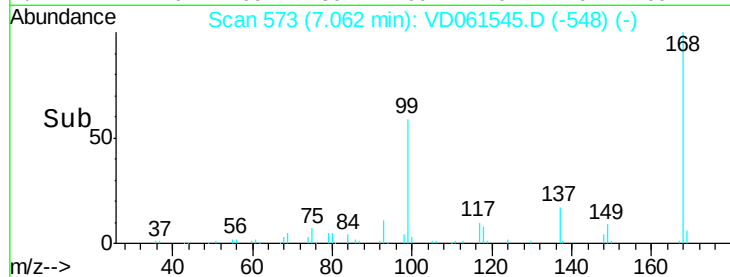
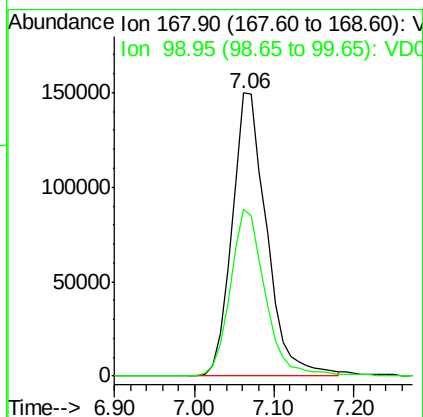
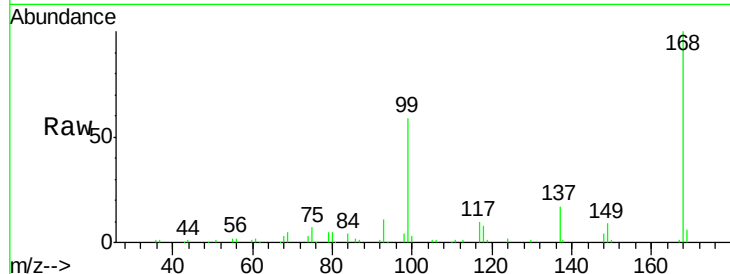




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

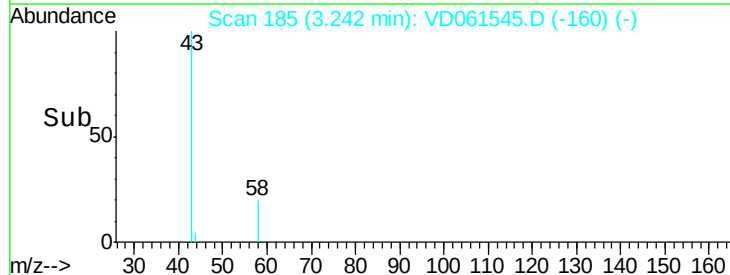
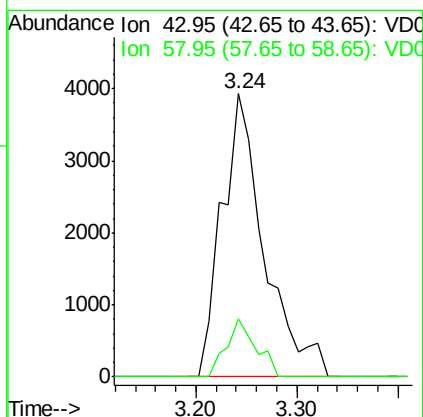
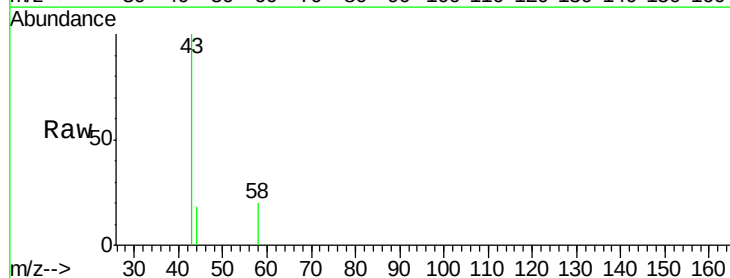
Instrument :
MSVOA_D
ClientSampleId :

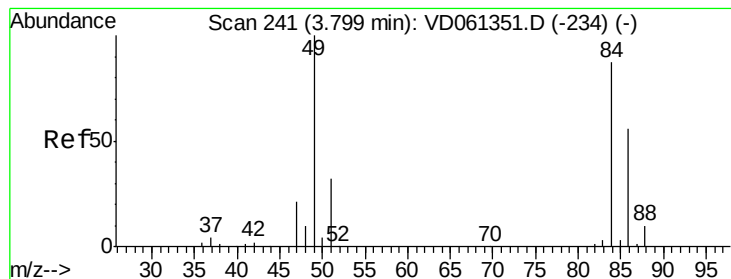
Tot Ion:168 Resp: 451537
Ion Ratio Lower Upper
168 100
99 59.1 43.1 64.7



#16
Acetone
Concen: 11.503 ug/l
RT: 3.24 min Scan# 185
Delta R.T. 0.04 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Tgt Ion: 43 Resp: 11406
Ion Ratio Lower Upper
43 100
58 20.5 21.5 32.3#





#20

Methvlene Chloride

Concen: 5.656 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 84 Resp: 40876

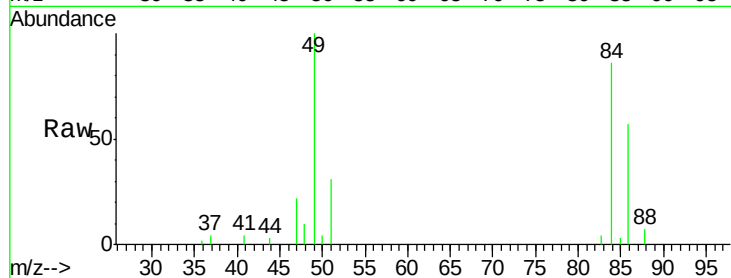
Ion Ratio Lower Upper

84 100

49 116.5 91.8 137.8

51 36.3 29.8 44.8

86 66.9 51.8 77.6

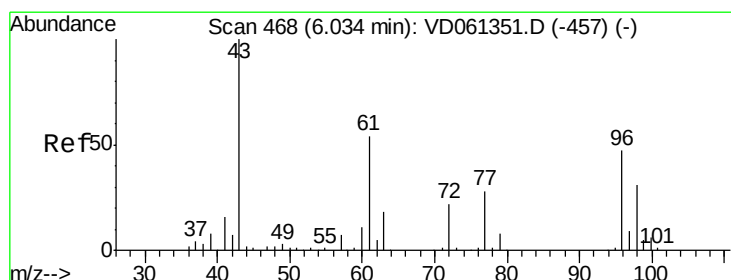
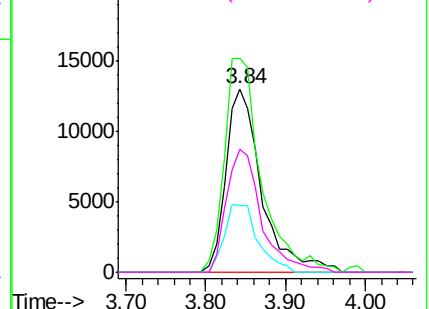
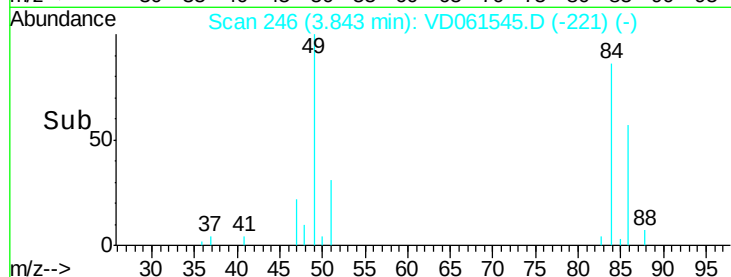


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 1.381 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.06 min

Lab File: VD061545.D

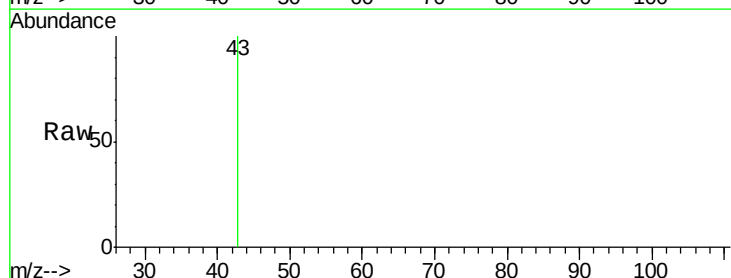
Acq: 3 Apr 2019 8:15

Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

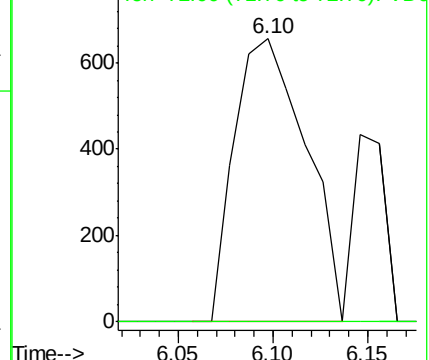
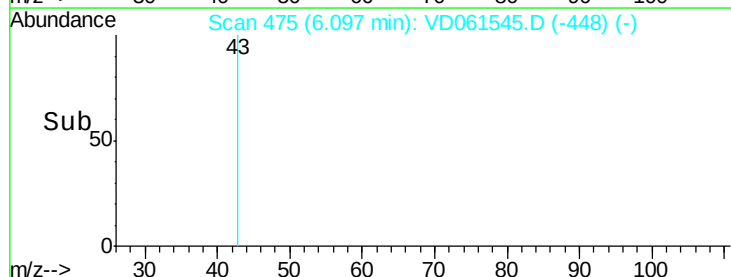
43 100

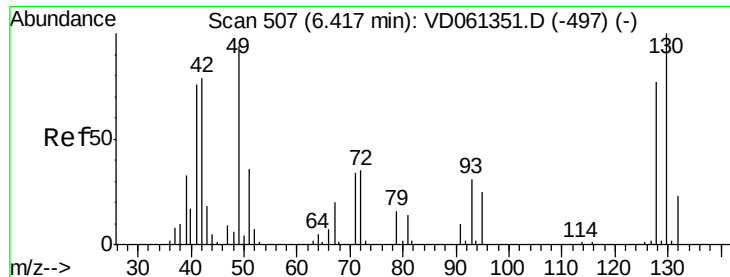
72 0.0 17.2 25.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 1.198 ug/l

RT: 6.49 min Scan# 515

Delta R.T. 0.07 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

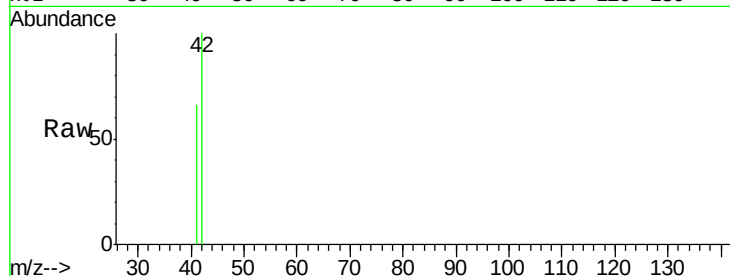
Tot Ion: 42 Resp: 724

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

71 0.0 36.7 55.1#



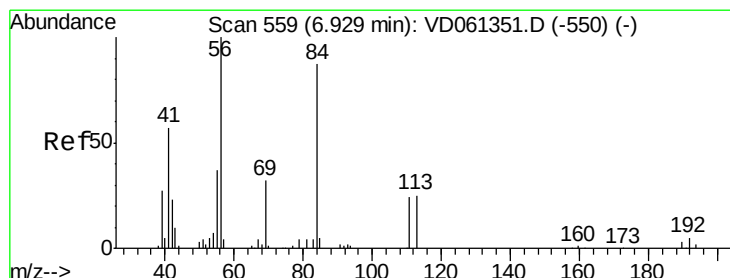
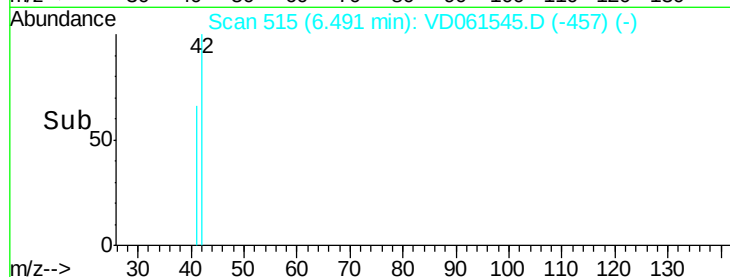
Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

6.49

Time-->



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

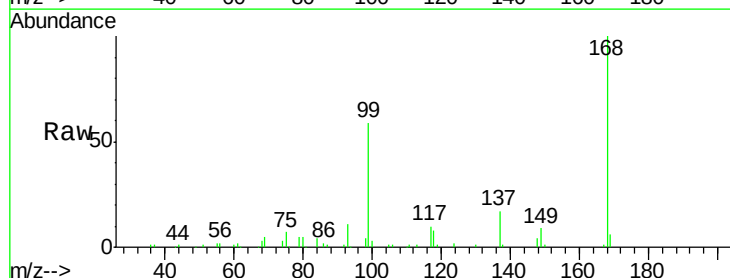
Tgt Ion: 56 Resp: 8352

Ion Ratio Lower Upper

56 100

69 232.3 25.7 38.5#

84 162.7 70.6 105.8#



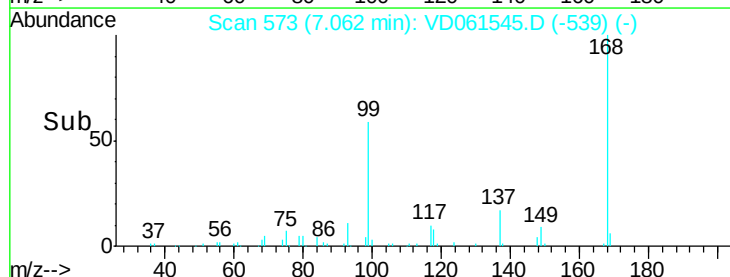
Abundance Ion 55.95 (55.65 to 56.65): VDC

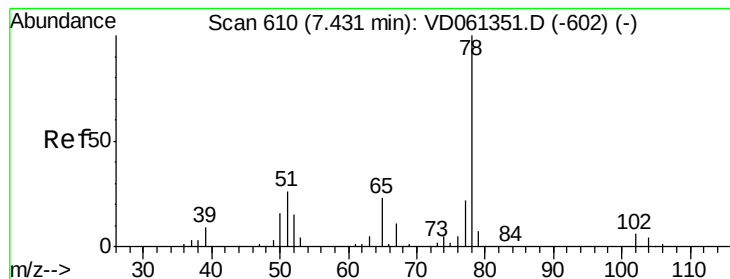
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

7.06

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

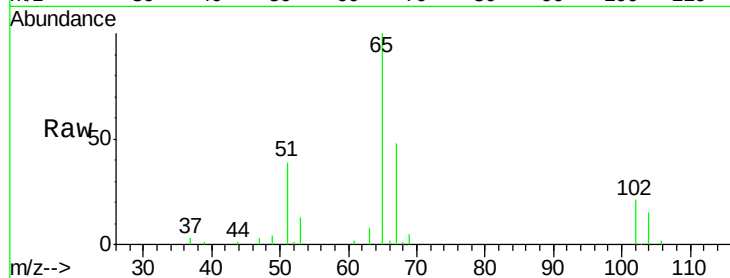
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 65 Resp: 195672

Ion Ratio Lower Upper

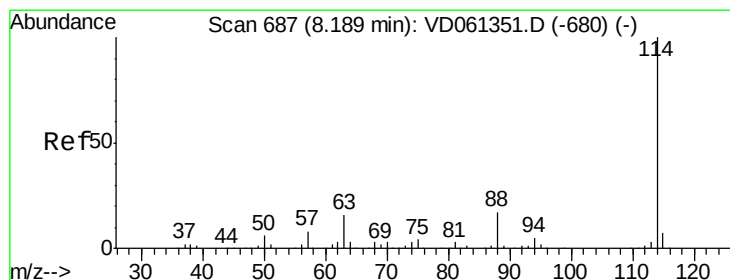
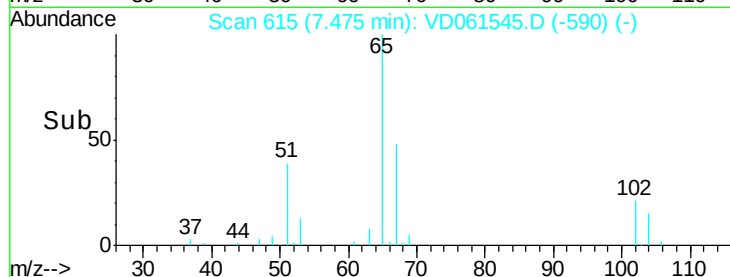
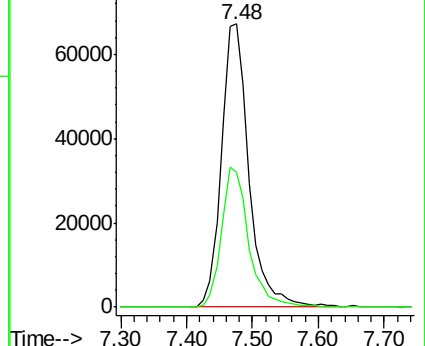
65 100

67 47.7 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

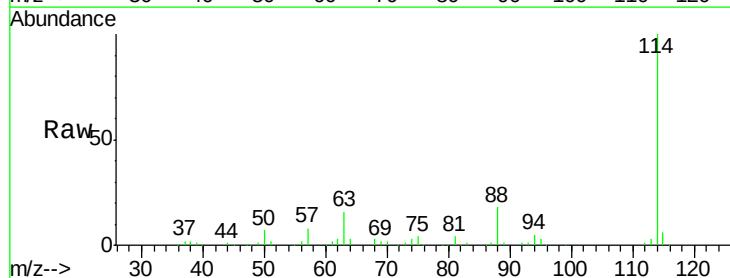
Tgt Ion: 114 Resp: 768969

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.6

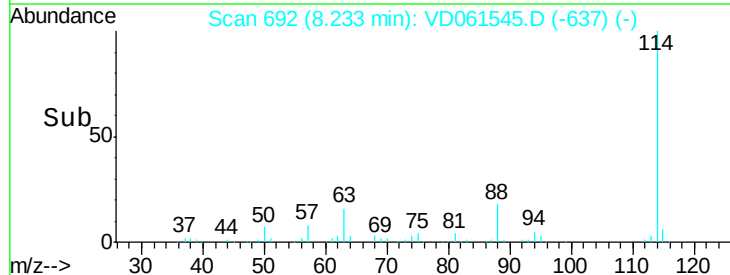
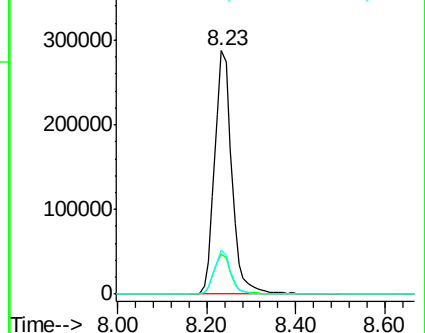
88 17.9 0.0 33.4

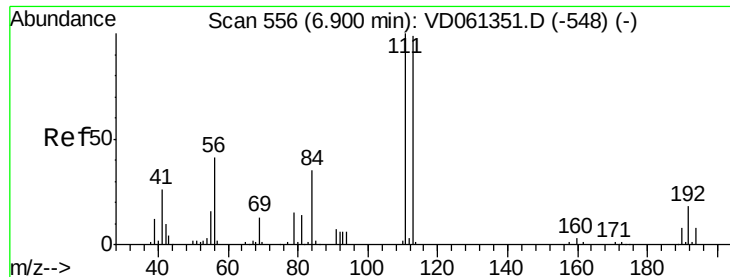


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

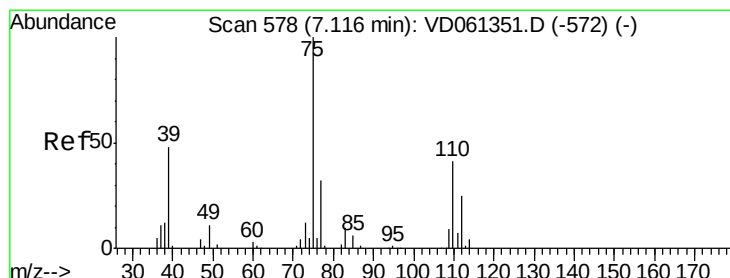
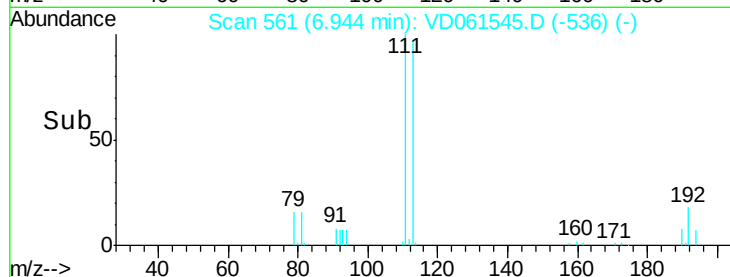
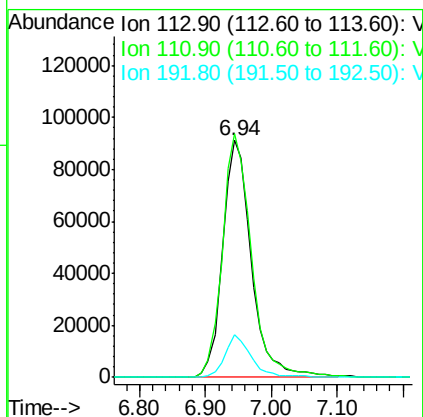
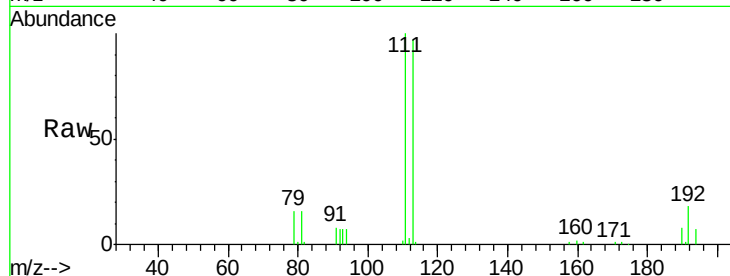




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.04 min
 Lab File: VD061545.D
 Acq: 3 Apr 2019 8:15

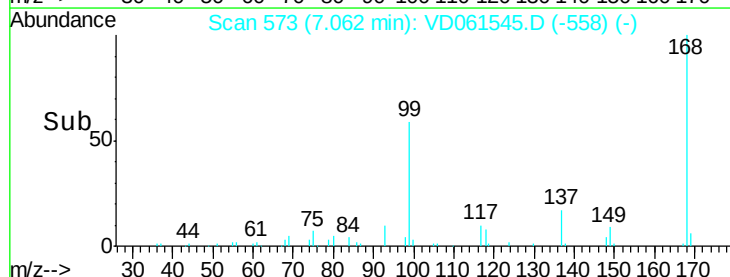
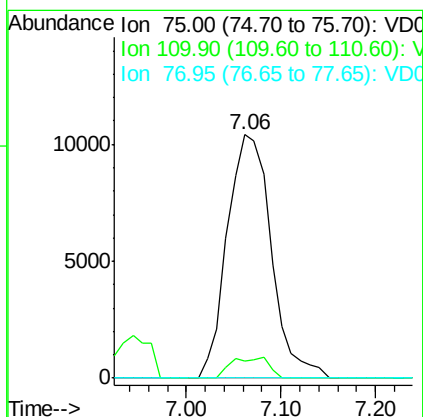
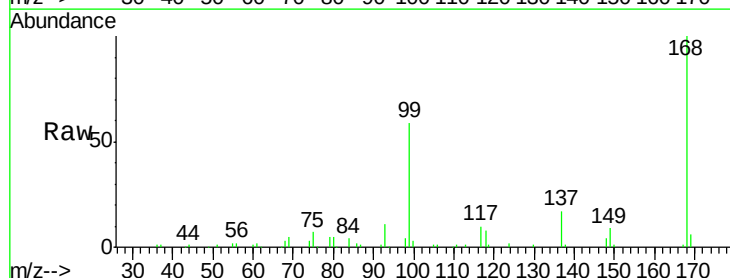
Instrument :
 MSVOA_D
 ClientSampled :

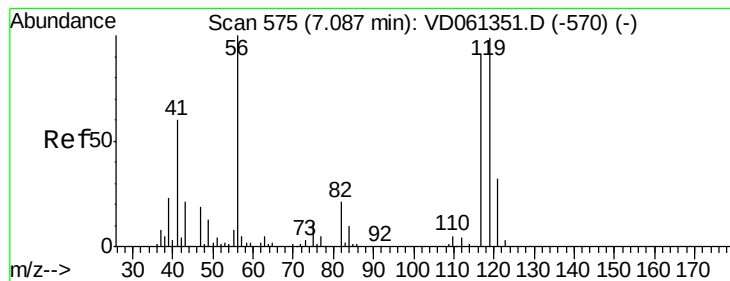
Tot Ion:113 Resp: 279302
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 18.0 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.994 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD061545.D
 Acq: 3 Apr 2019 8:15

Tgt Ion: 75 Resp: 33517
 Ion Ratio Lower Upper
 75 100
 110 7.0 20.4 61.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.677 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

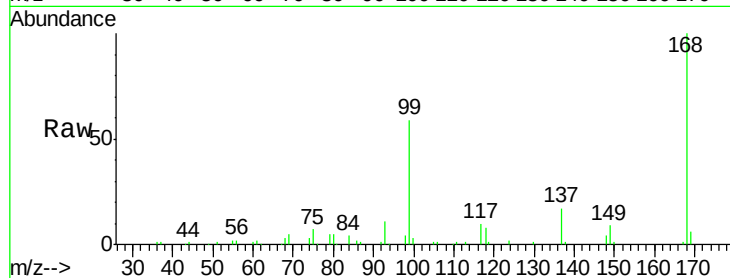
Tot Ion:117 Resp: 43778

Ion Ratio Lower Upper

117 100

119 7.1 80.1 120.1#

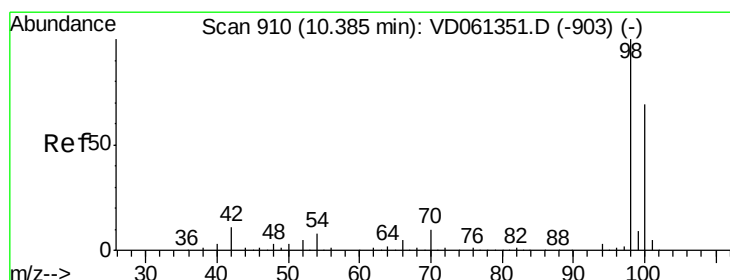
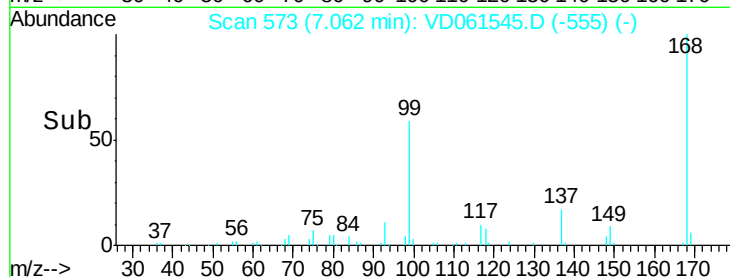
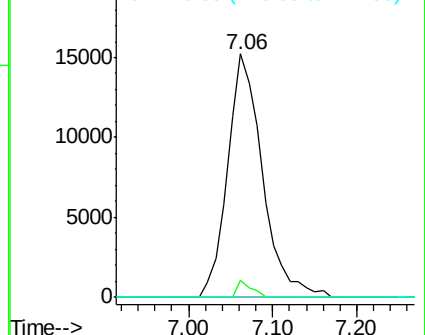
121 0.0 25.6 38.4#



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: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD061545.D

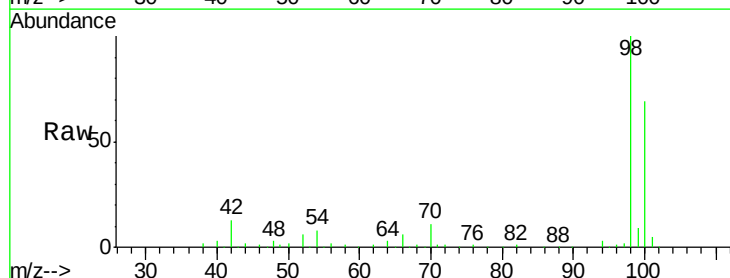
Acq: 3 Apr 2019 8:15

Tgt Ion: 98 Resp: 628623

Ion Ratio Lower Upper

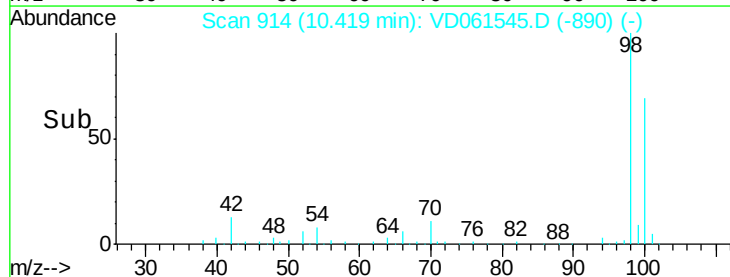
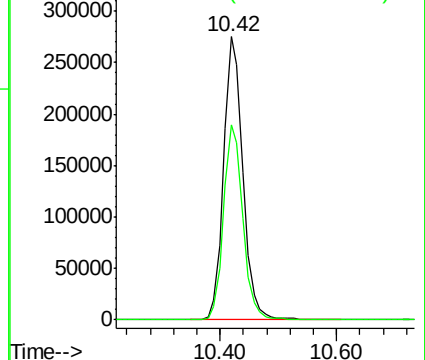
98 100

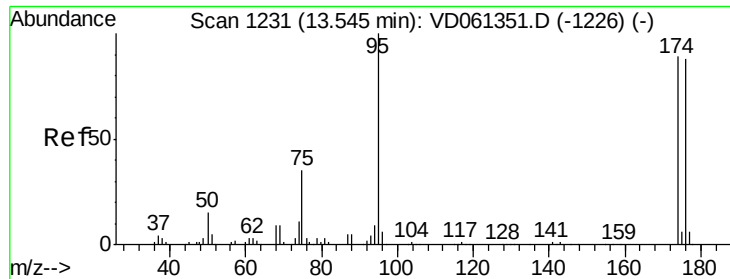
100 68.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

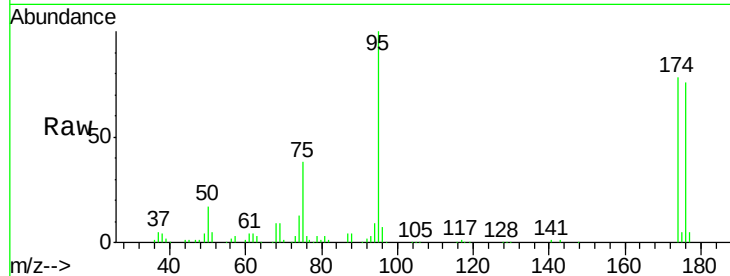




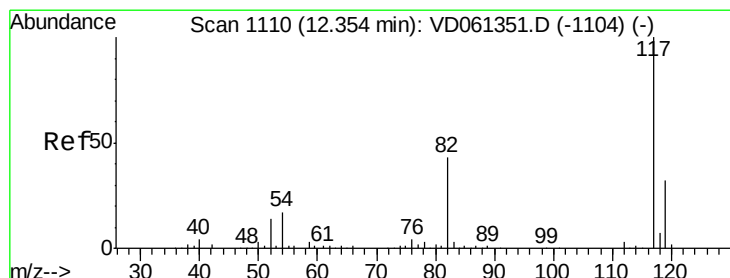
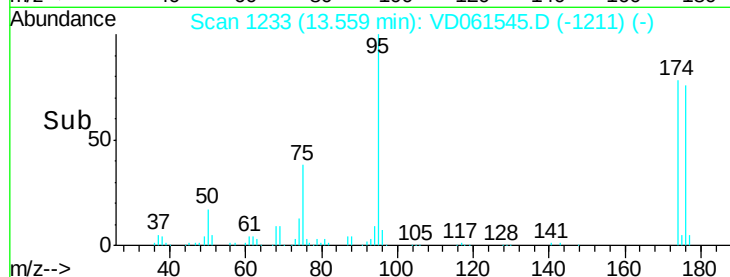
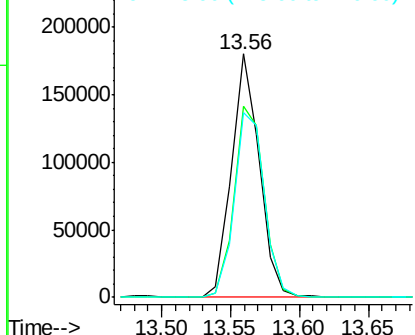
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 253904
Ion Ratio Lower Upper
95 100
174 78.3 0.0 178.0
176 76.0 0.0 175.0

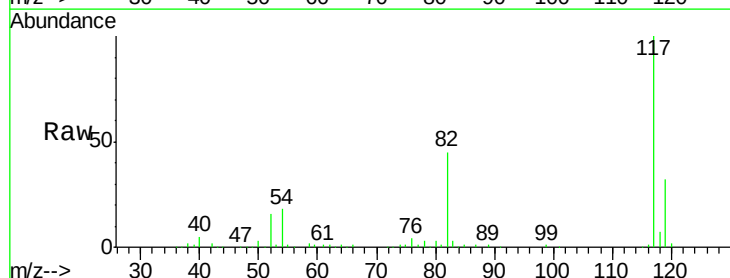


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

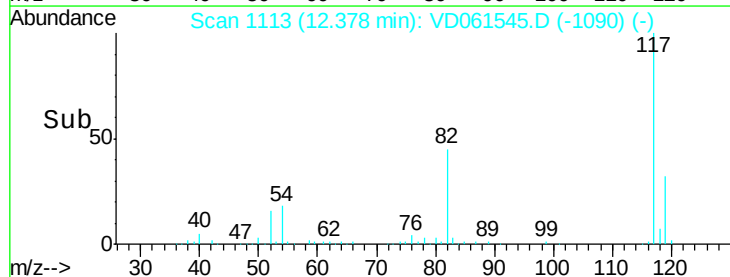
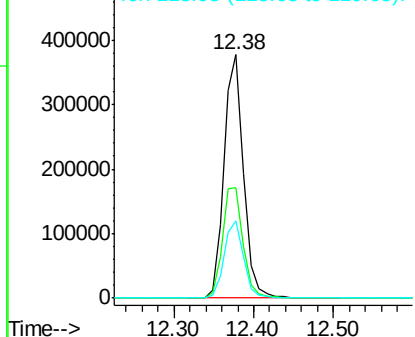


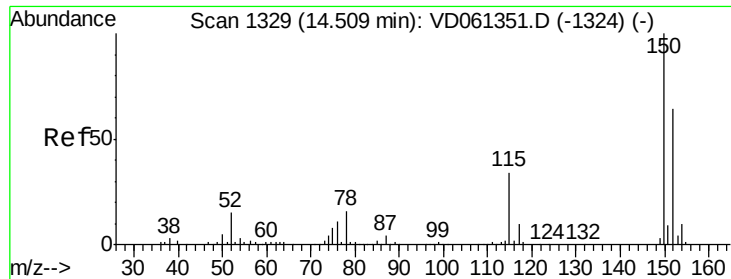
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Tgt Ion: 117 Resp: 649151
Ion Ratio Lower Upper
117 100
82 45.5 34.4 51.6
119 31.9 25.8 38.6



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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampled :

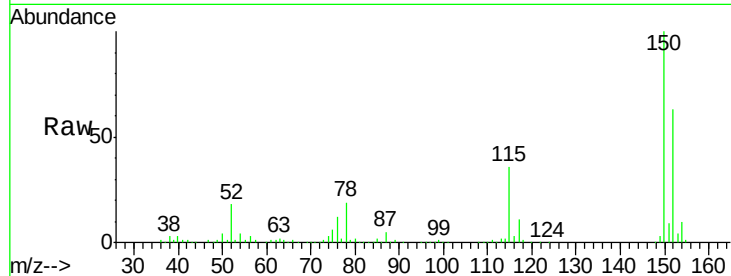
Tot Ion:152 Resp: 297592

Ion Ratio Lower Upper

152 100

115 56.6 26.9 80.6

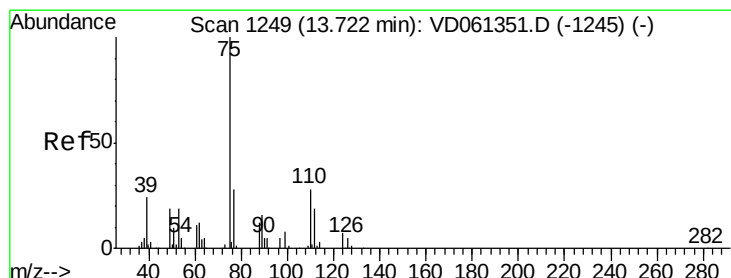
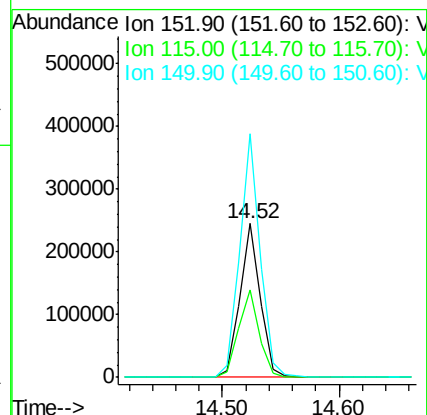
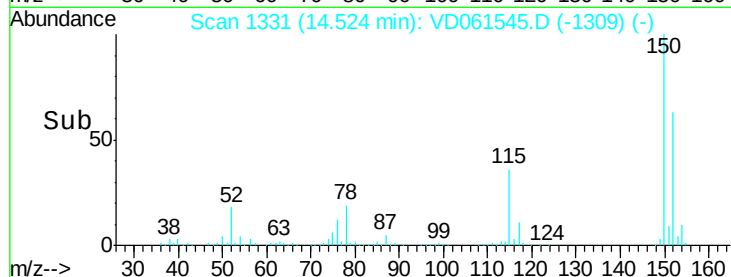
150 158.5 0.0 318.0



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



#76

1,2,3-Trichloropropane

Concen: 21.967 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD061545.D

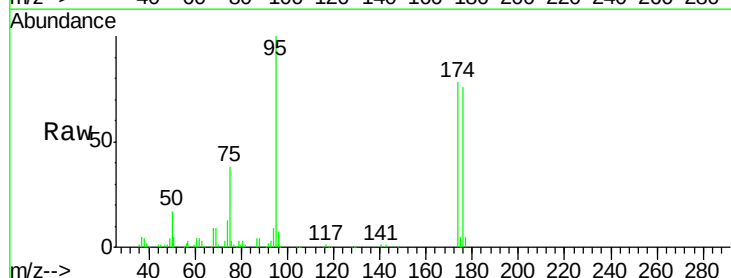
Acq: 3 Apr 2019 8:15

Tgt Ion: 75 Resp: 94433

Ion Ratio Lower Upper

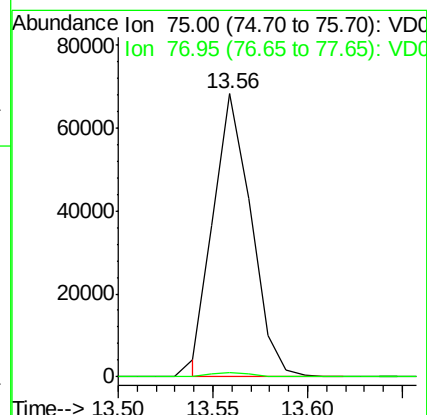
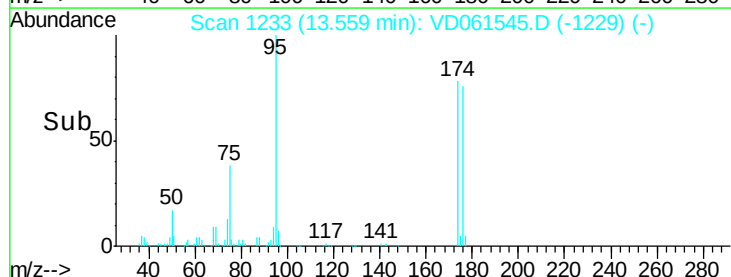
75 100

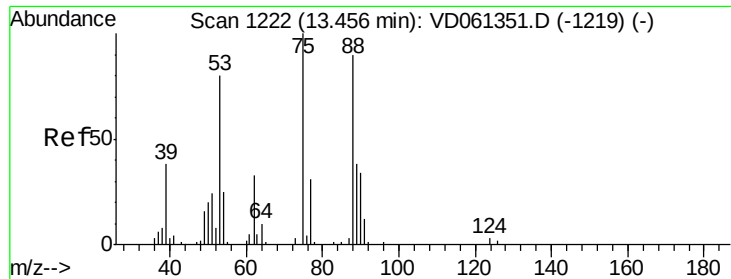
77 1.4 16.2 48.5#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.960 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

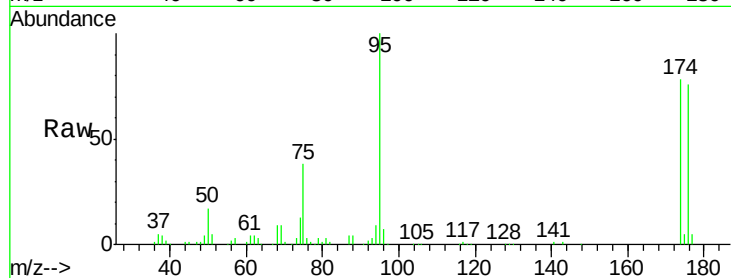
Tot Ion: 75 Resp: 96940

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

