

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061479.D
 Acq On : 1 Apr 2019 20:09
 Operator : VA/AP
 Sample : K2182-11
 Misc : 5.30g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 01:20:20 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

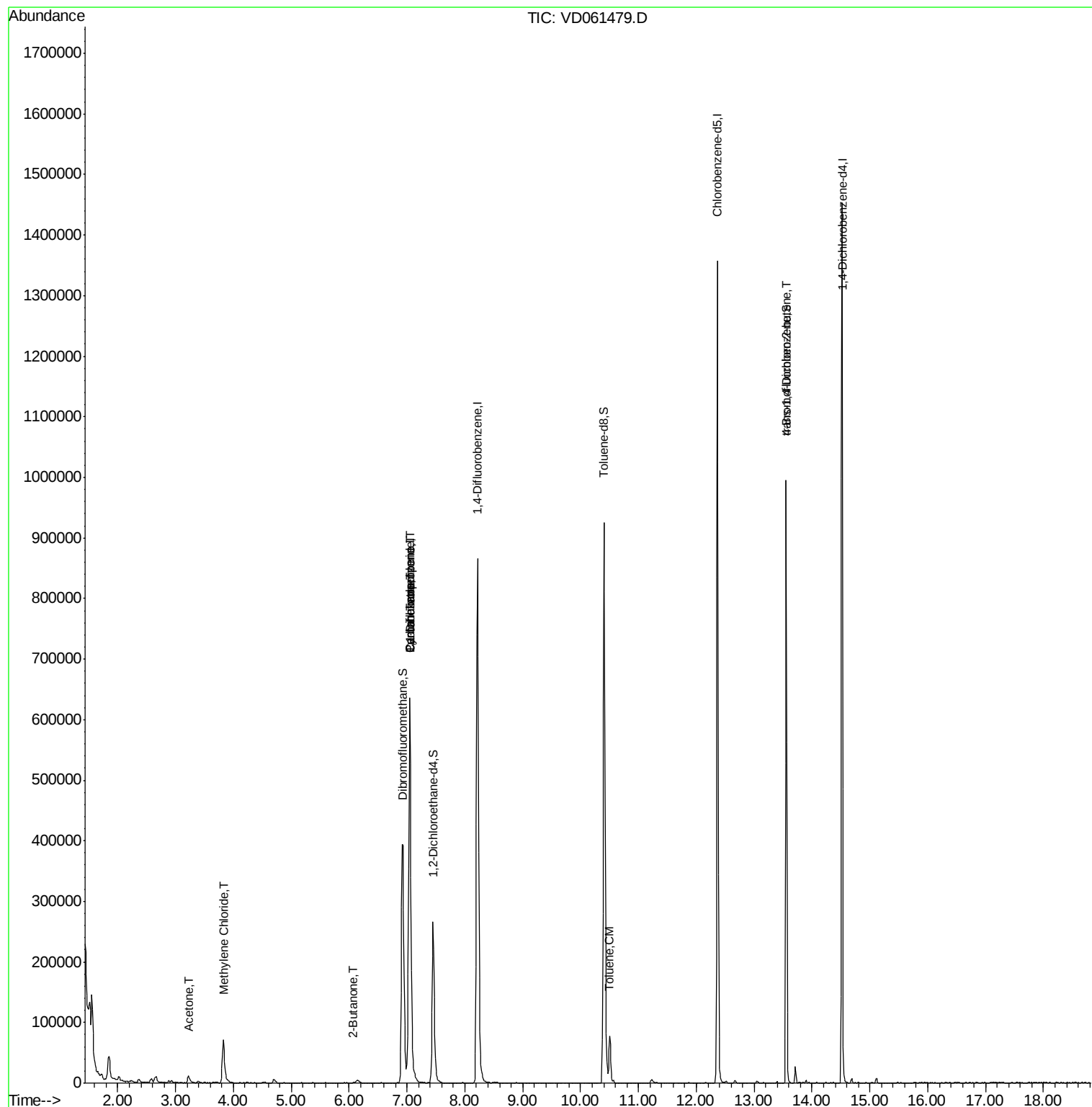
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	658426	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1069037	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	857451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	335353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	257732	45.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.64%	
35) Dibromofluoromethane	6.92	113	388909	47.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.40	98	814181	41.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.10%	
62) 4-Bromofluorobenzene	13.55	95	302051	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	24200	16.737	ug/l	93
20) Methylene Chloride	3.82	84	58561	5.522	ug/l	97
25) 2-Butanone	6.07	43	2340	1.287	ug/l #	54
31) Cyclohexane	7.05	56	12814	1.323	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	47742	5.117	ug/l #	45
38) Carbon Tetrachloride	7.05	117	63142	5.889	ug/l #	13
52) Toluene	10.50	92	40976	2.868	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.55	75	115921	78.483	ug/l #	18

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061479.D
Acq On : 1 Apr 2019 20:09
Operator : VA/AP
Sample : K2182-11
Misc : 5.30g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 01:20:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061479.D

Acq: 1 Apr 2019 20:09

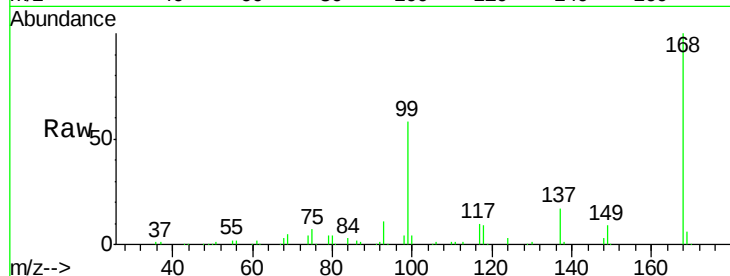
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 658426

Ion Ratio Lower Upper

168 100

99 57.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

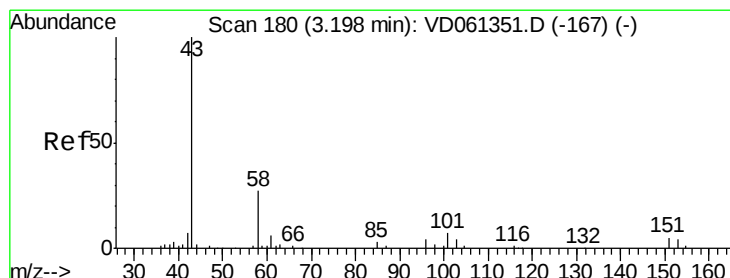
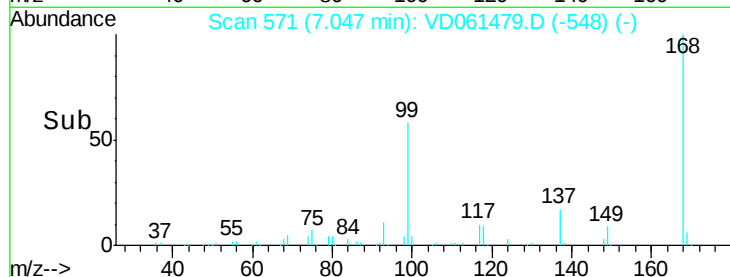
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 16.737 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061479.D

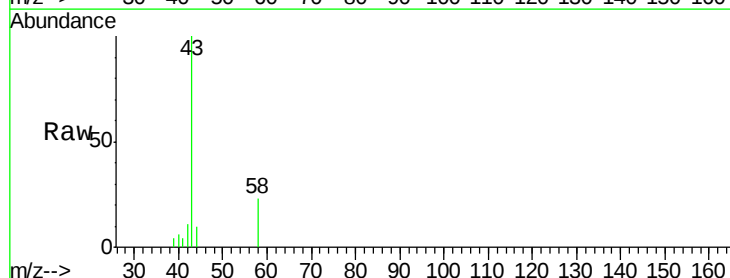
Acq: 1 Apr 2019 20:09

Tgt Ion: 43 Resp: 24200

Ion Ratio Lower Upper

43 100

58 23.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

8000

6000

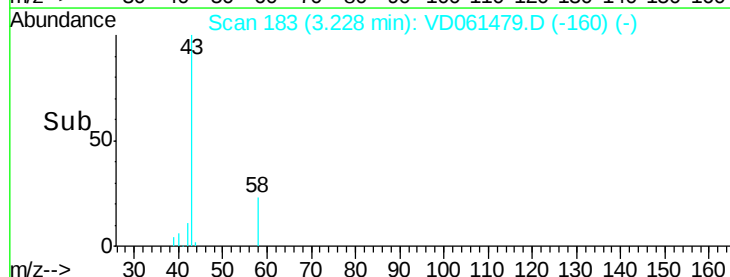
4000

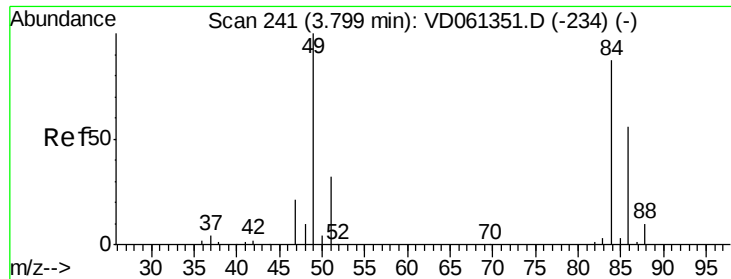
2000

0

3.10 3.20 3.30

Time-->

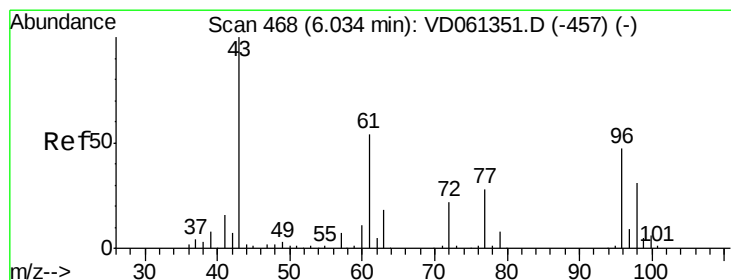
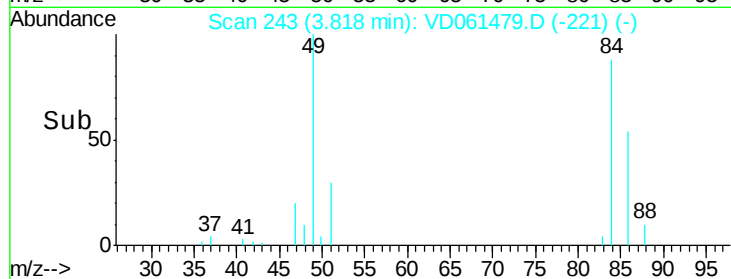
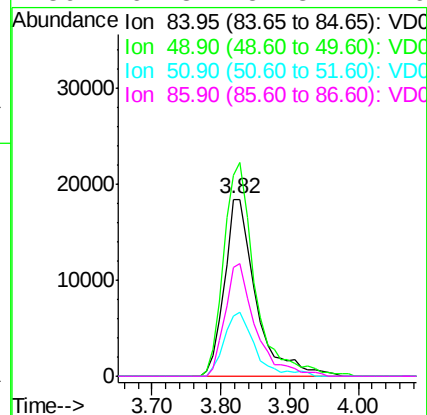
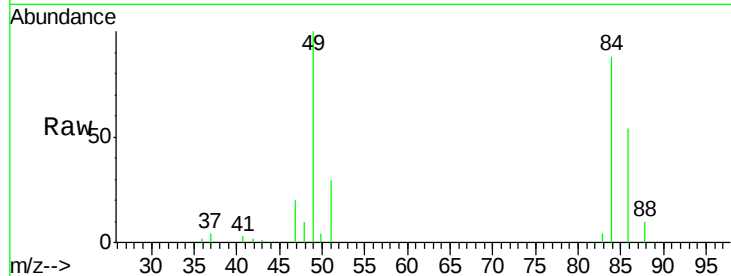




#20
Methvlene Chloride
Concen: 5.522 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

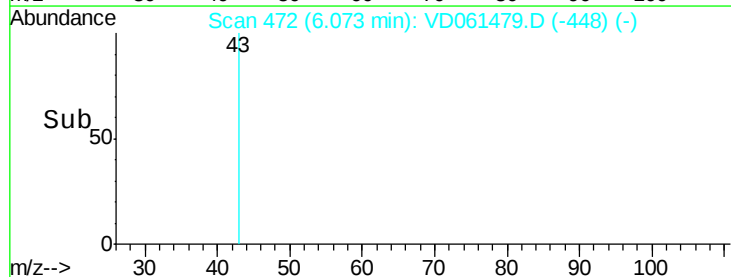
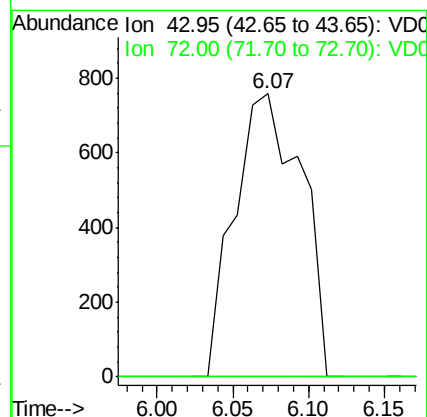
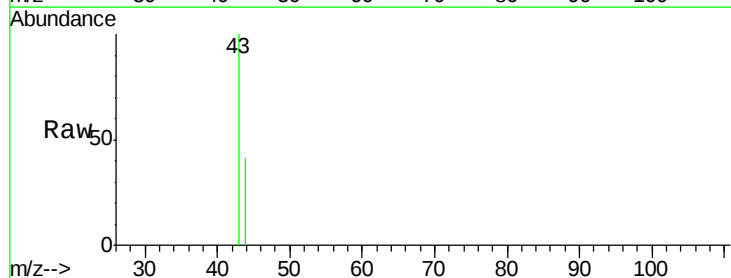
Instrument :
MSVOA_D
ClientSampleId :

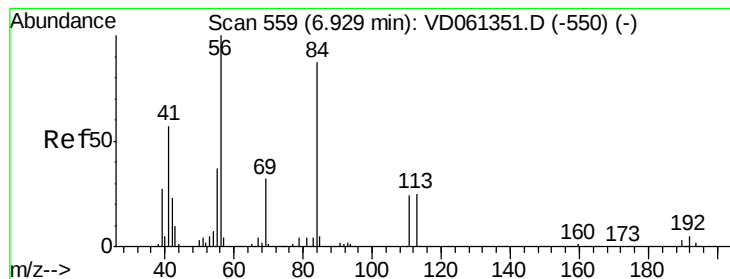
Tot Ion: 84 Resp: 58561
Ion Ratio Lower Upper
84 100
49 113.5 91.8 137.8
51 34.3 29.8 44.8
86 61.8 51.8 77.6



#25
2-Butanone
Concen: 1.287 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.04 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#





#31

Cyclohexane

Concen: 1.323 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.12 min

Lab File: VD061479.D

Acq: 1 Apr 2019 20:09

Instrument :
MSVOA_D
ClientSampleId :

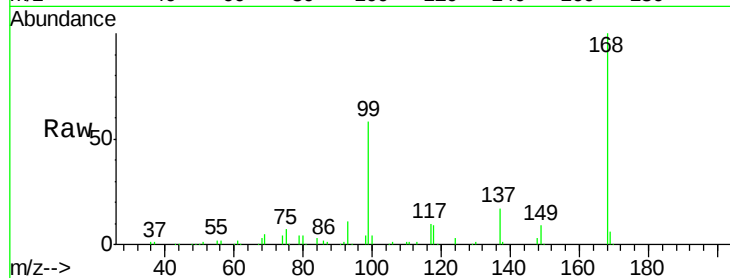
Tot Ion: 56 Resp: 12814

Ion Ratio Lower Upper

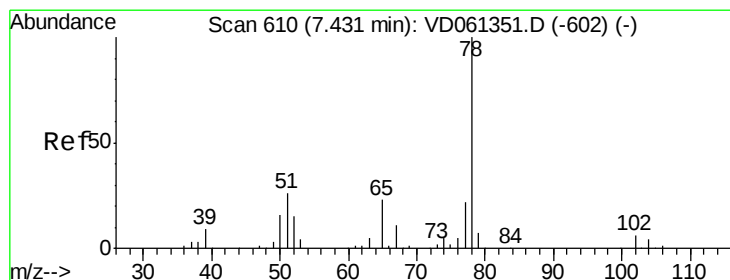
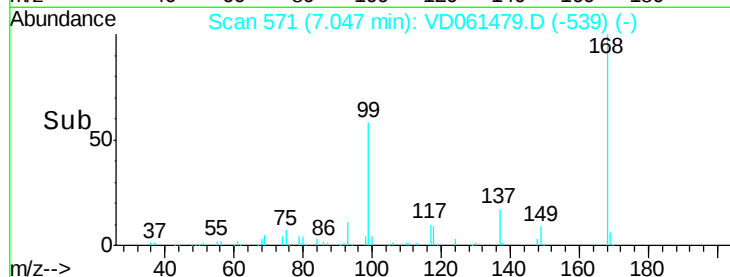
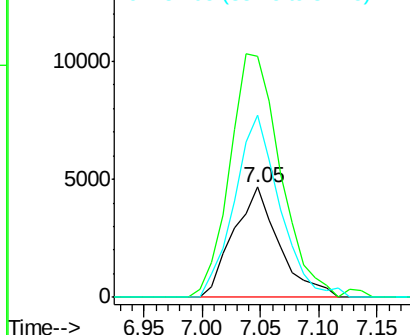
56 100

69 219.2 25.7 38.5#

84 164.9 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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061479.D

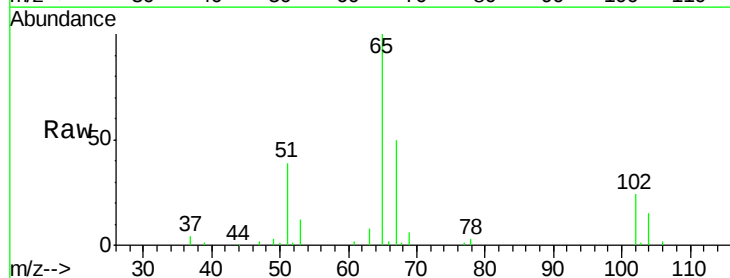
Acq: 1 Apr 2019 20:09

Tgt Ion: 65 Resp: 257732

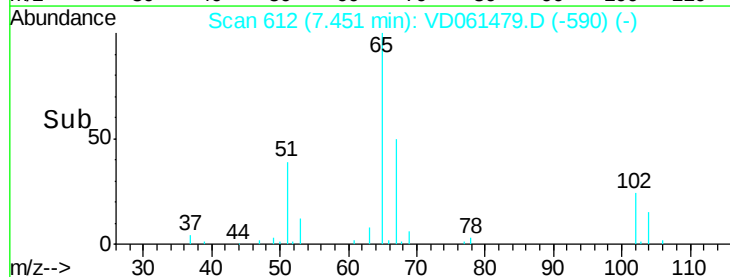
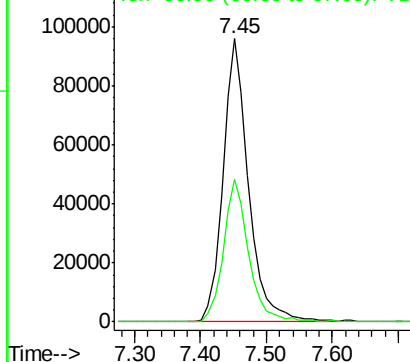
Ion Ratio Lower Upper

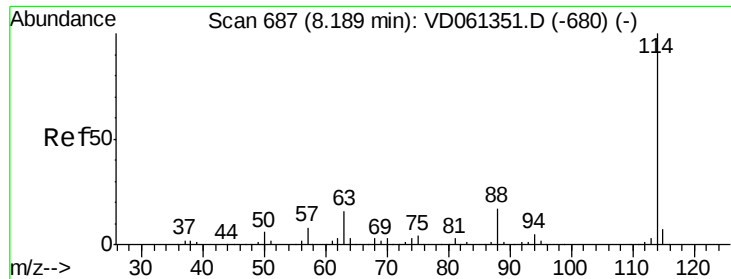
65 100

67 50.5 0.0 99.8



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

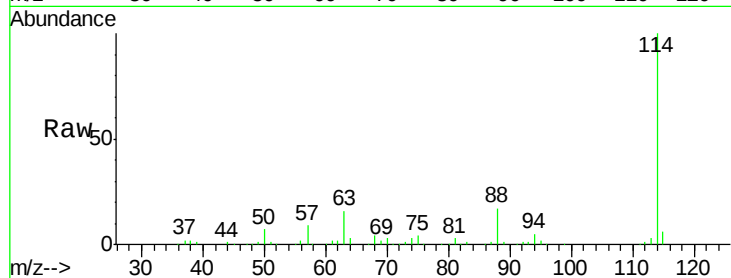




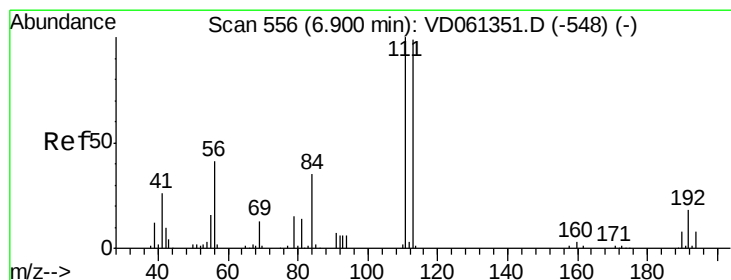
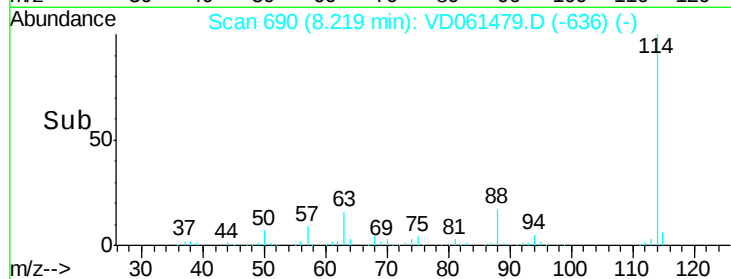
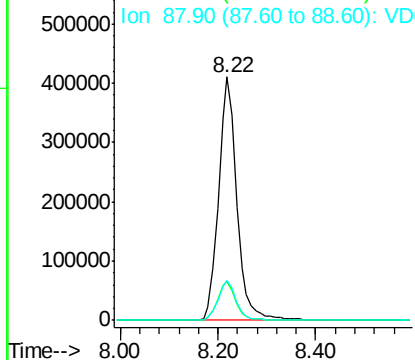
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1069037
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 16.7 0.0 33.4

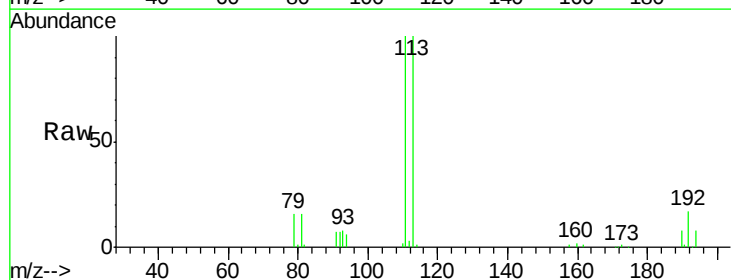


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

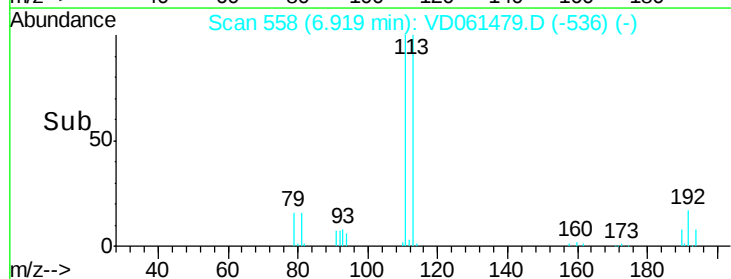
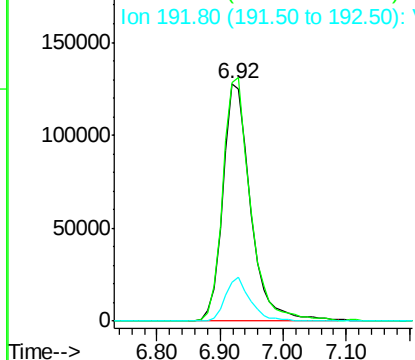


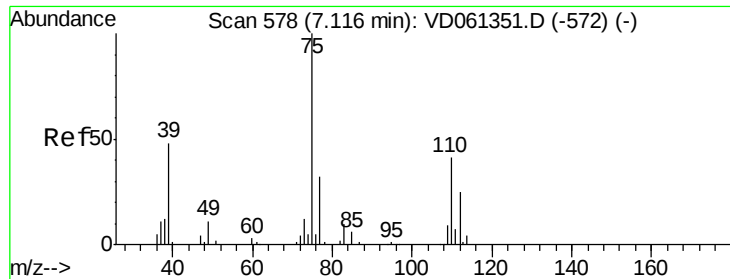
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

Tgt Ion:113 Resp: 388909
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.0 121.6
 192 16.6 14.4 21.6



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

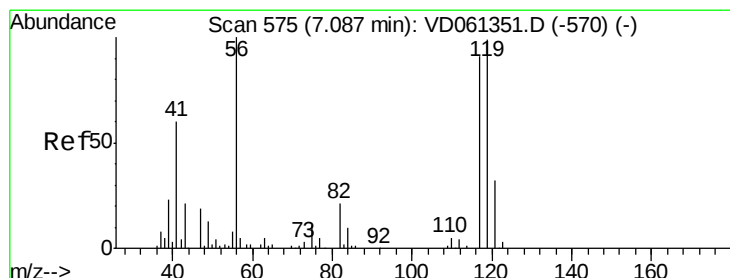
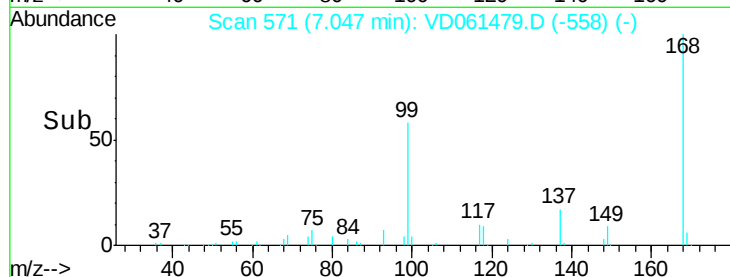
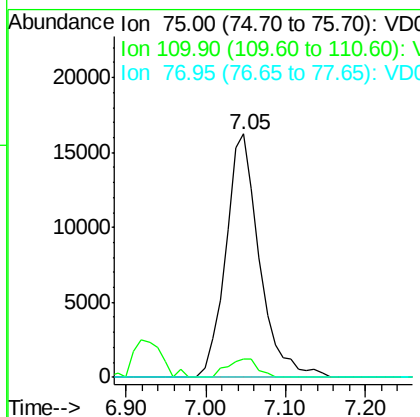
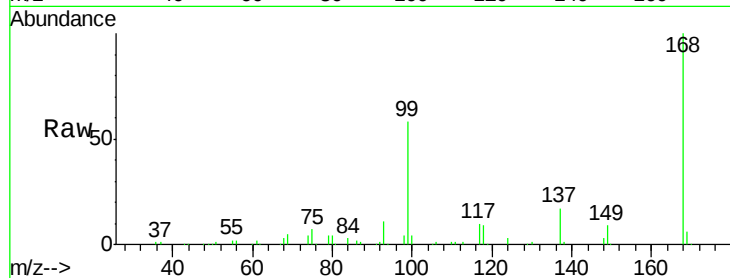




#36
 1,1-Dichloropropene
 Concen: 5.117 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

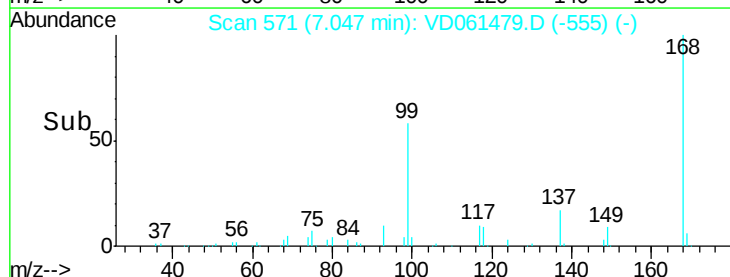
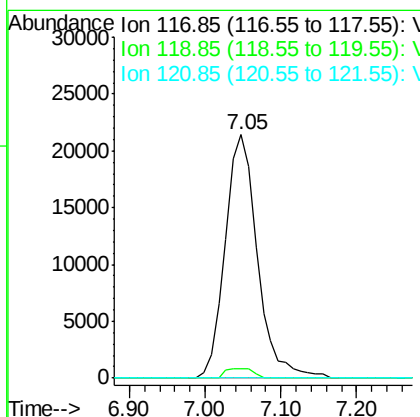
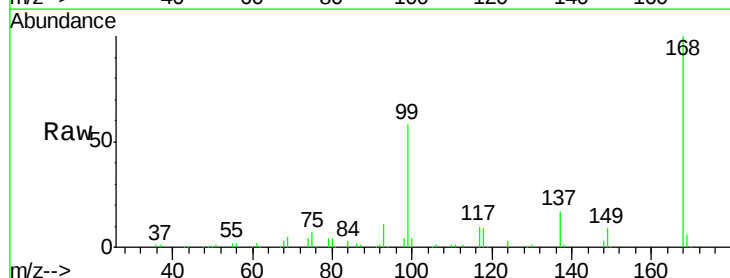
Instrument :
 MSVOA_D
 ClientSampleId :

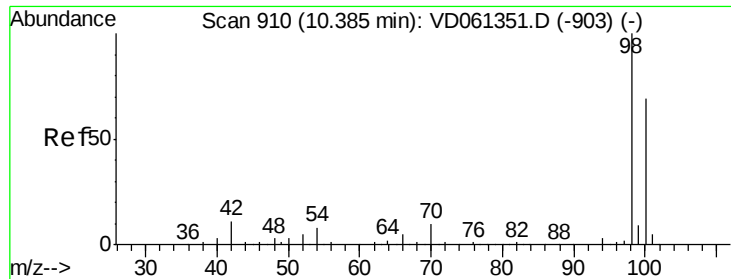
Tot Ion: 75 Resp: 47742
 Ion Ratio Lower Upper
 75 100
 110 7.4 20.4 61.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.889 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

Tgt Ion: 117 Resp: 63142
 Ion Ratio Lower Upper
 117 100
 119 3.8 80.1 120.1#
 121 0.0 25.6 38.4#

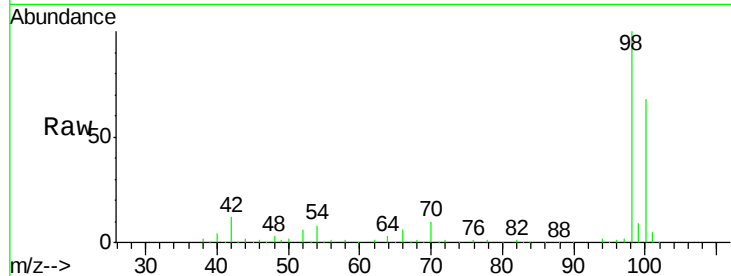




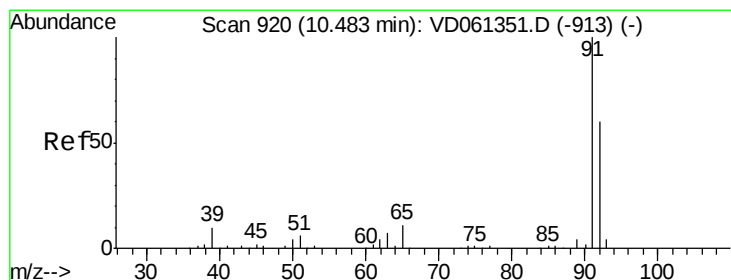
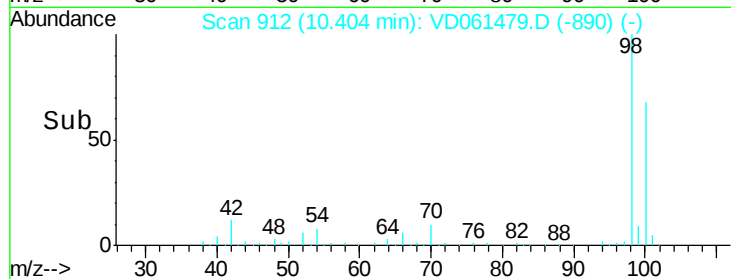
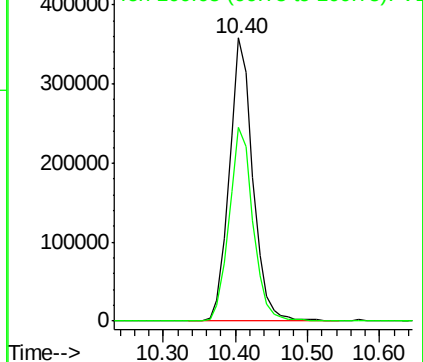
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 814181
Ion Ratio Lower Upper
98 100
100 68.3 56.2 84.2

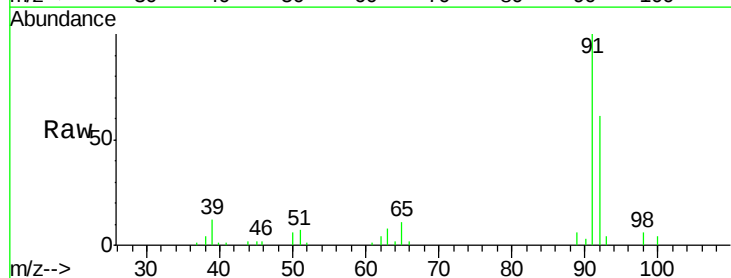


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

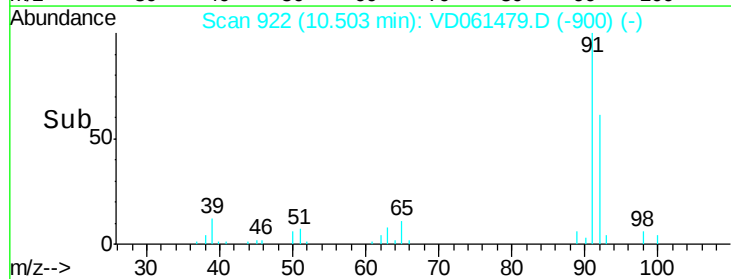
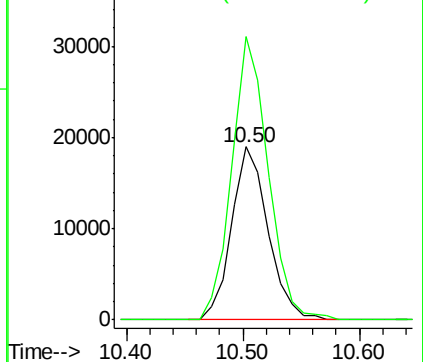


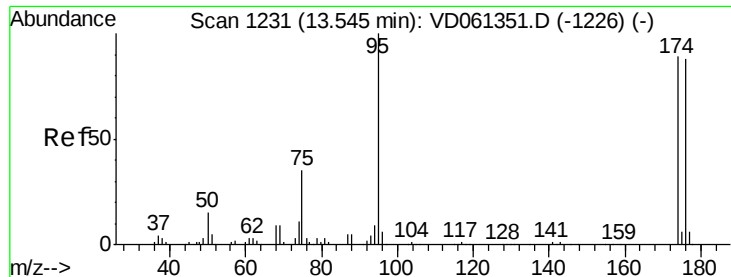
#52
Toluene
Concen: 2.868 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 92 Resp: 40976
Ion Ratio Lower Upper
92 100
91 163.7 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD061351.D (-913) (-)
Ion 91.00 (90.70 to 91.70): VD061351.D (-913) (-)

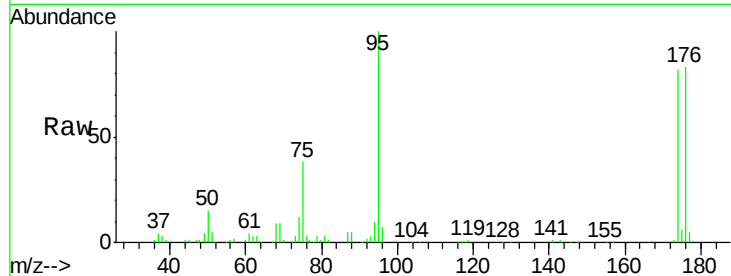




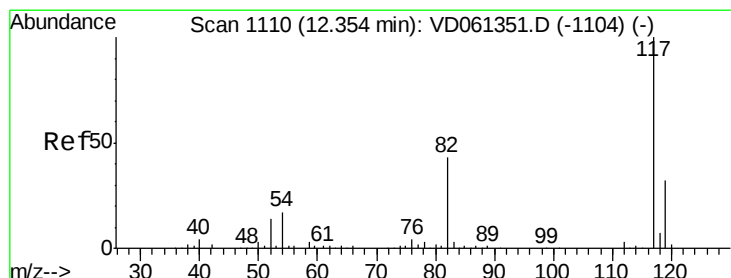
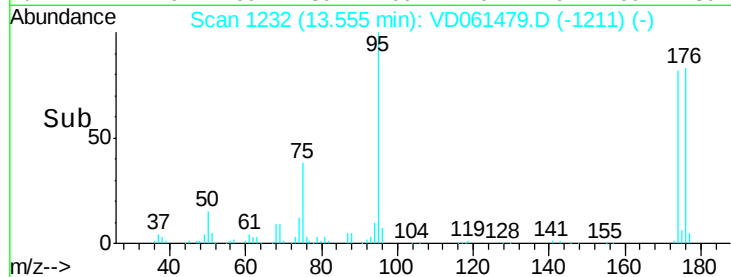
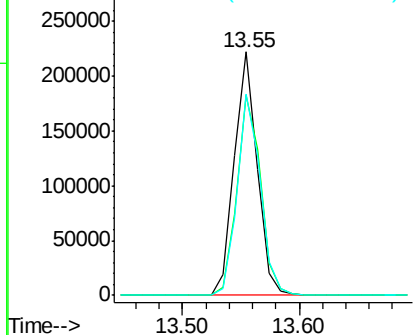
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 302051
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.0
176 82.8 0.0 175.0

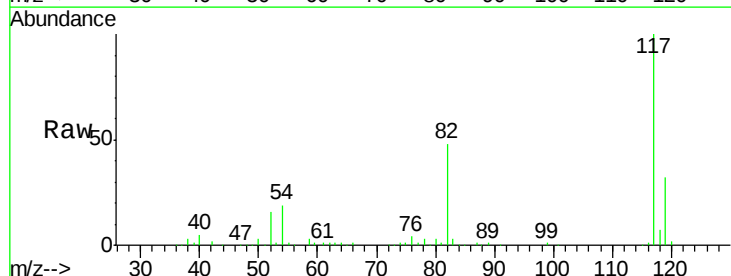


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

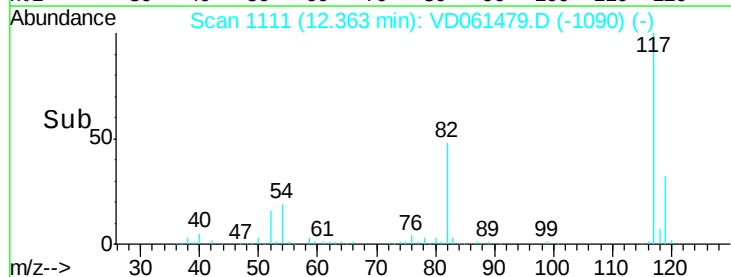
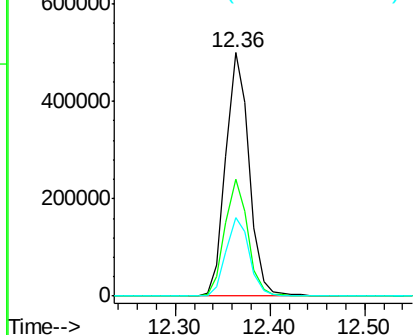


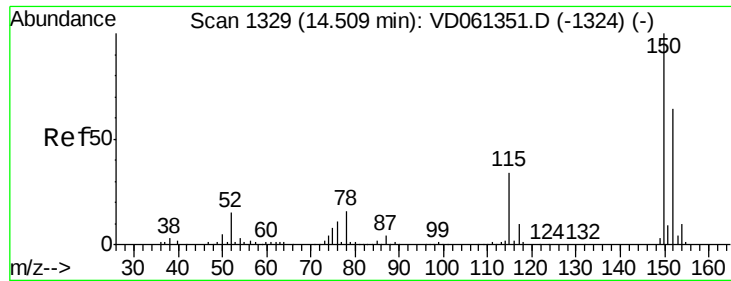
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 117 Resp: 857451
Ion Ratio Lower Upper
117 100
82 47.9 34.4 51.6
119 32.4 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



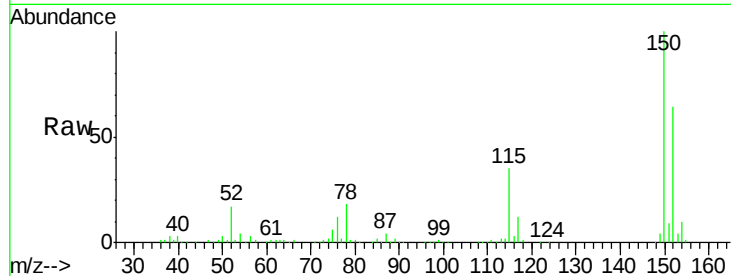


#72

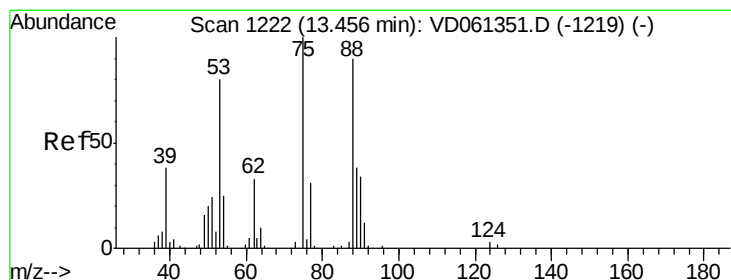
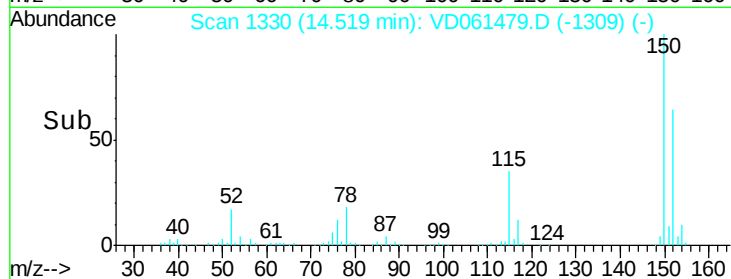
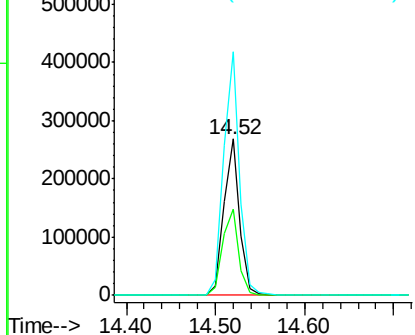
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 335353
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.6
150 155.9 0.0 318.0



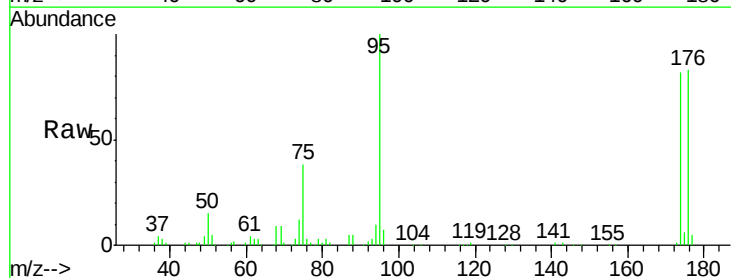
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 78.483 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.10 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 75 Resp: 115921
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

