

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061475.D
 Acq On : 1 Apr 2019 18:19
 Operator : VA/AP
 Sample : K1689-03
 Misc : 6.32g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 01:19:37 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

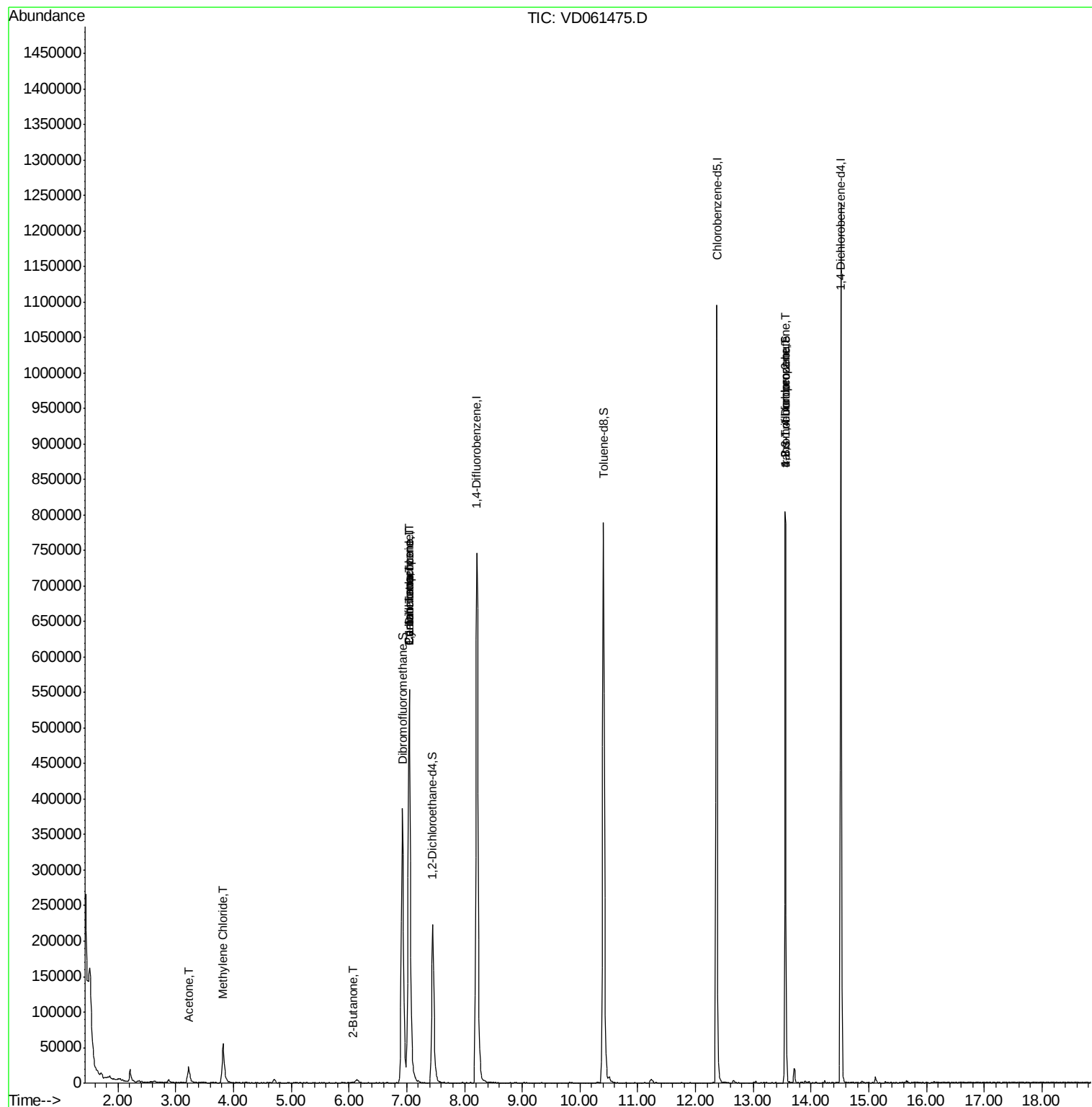
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	578789	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	963647	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	728824	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	284309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	235218	47.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	6.92	113	375627	51.01	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.41	98	737020	41.73	ug/l	0.02
Spiked Amount	50.000		Recovery	=	83.46%	
62) 4-Bromofluorobenzene	13.55	95	280245	41.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	41777	32.869	ug/l	95
20) Methylene Chloride	3.82	84	40863	3.972	ug/l	98
25) 2-Butanone	6.08	43	2693	1.684	ug/l #	54
31) Cyclohexane	7.04	56	9961	1.170	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	41065	4.883	ug/l #	45
38) Carbon Tetrachloride	7.04	117	54913	5.682	ug/l #	13
76) 1,2,3-Trichloropropane	13.55	75	87363	21.272	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	104319	83.308	ug/l #	18

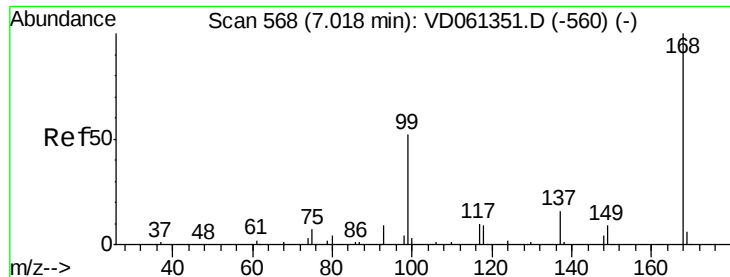
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061475.D
Acq On : 1 Apr 2019 18:19
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Sample : K1689-03
Misc : 6.32g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 01:19:37 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: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061475.D

Acq: 1 Apr 2019 18:19

Instrument :

MSVOA_D

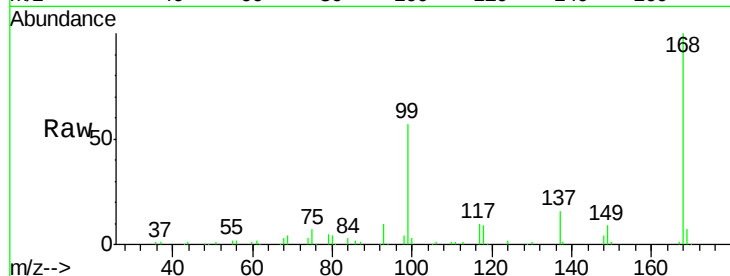
ClientSampleId :

Tot Ion:168 Resp: 578789

Ion Ratio Lower Upper

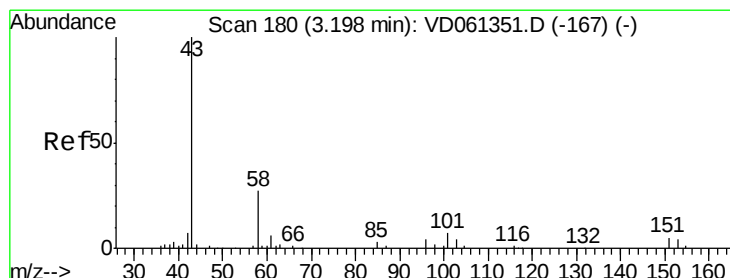
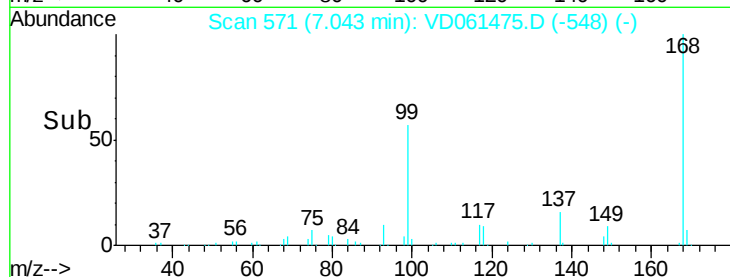
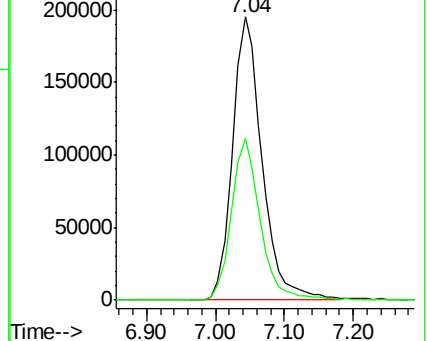
168 100

99 57.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 32.869 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061475.D

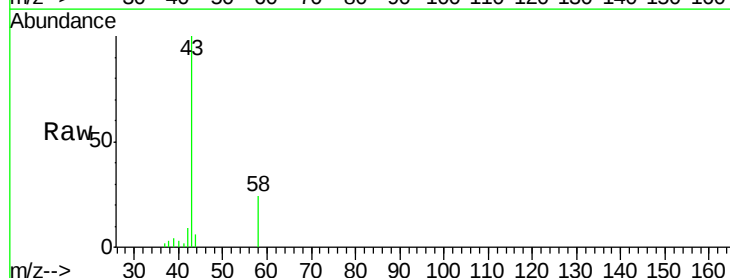
Acq: 1 Apr 2019 18:19

Tgt Ion: 43 Resp: 41777

Ion Ratio Lower Upper

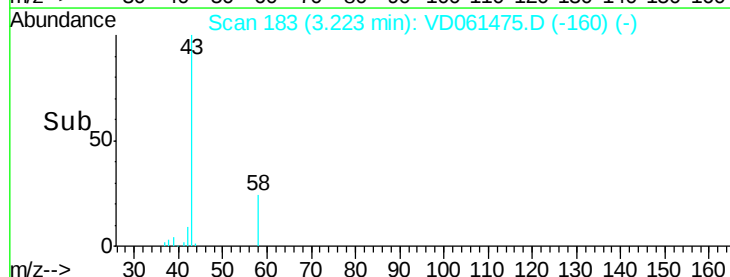
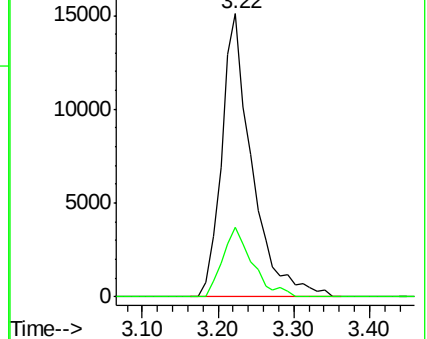
43 100

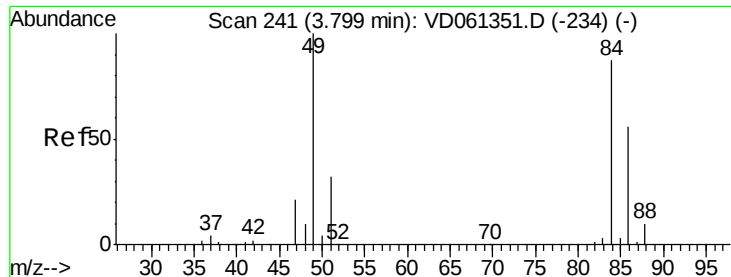
58 24.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

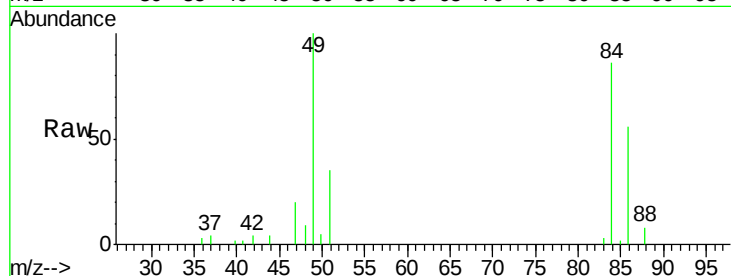




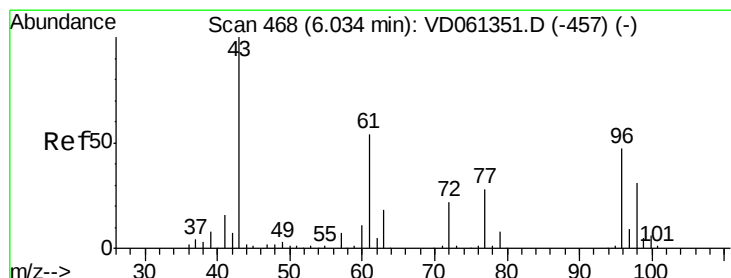
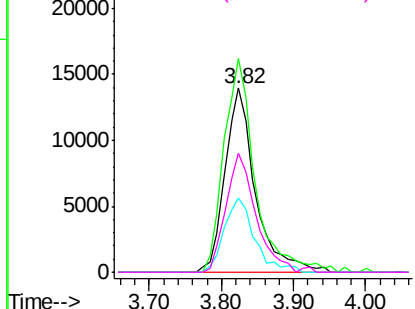
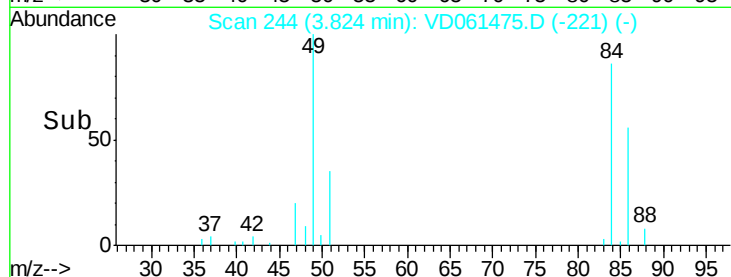
#20
Methylene Chloride
Concen: 3.972 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061475.D
Acq: 1 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 40863
Ion Ratio Lower Upper
84 100
49 116.0 91.8 137.8
51 40.3 29.8 44.8
86 64.5 51.8 77.6

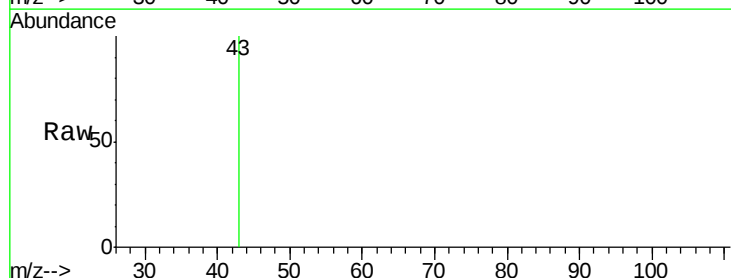


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

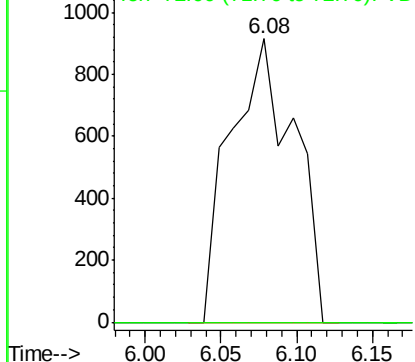
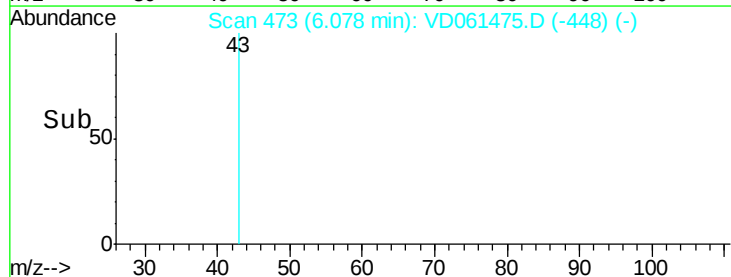


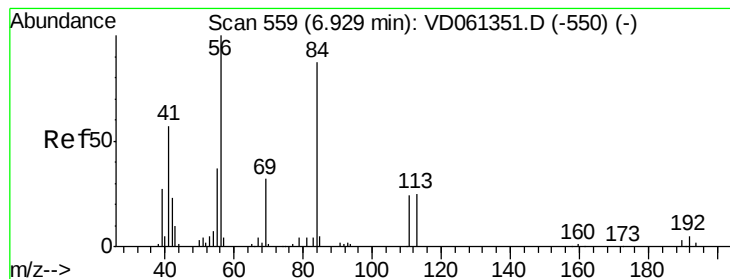
#25
2-Butanone
Concen: 1.684 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.04 min
Lab File: VD061475.D
Acq: 1 Apr 2019 18:19

Tgt Ion: 43 Resp: 2693
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





#31

Cyclohexane

Concen: 1.170 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.11 min

Lab File: VD061475.D

Acq: 1 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :

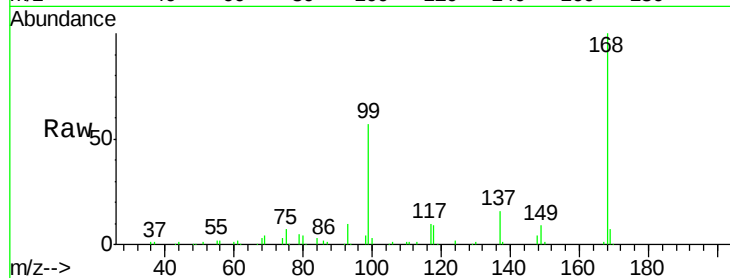
Tot Ion: 56 Resp: 9961

Ion Ratio Lower Upper

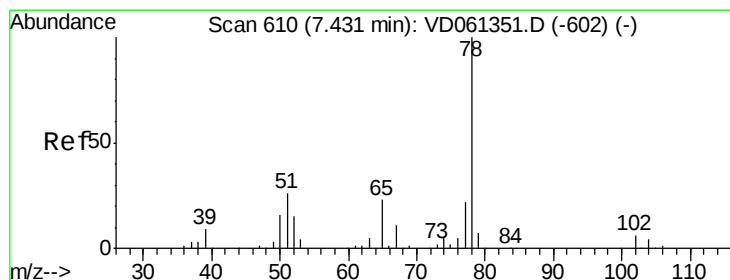
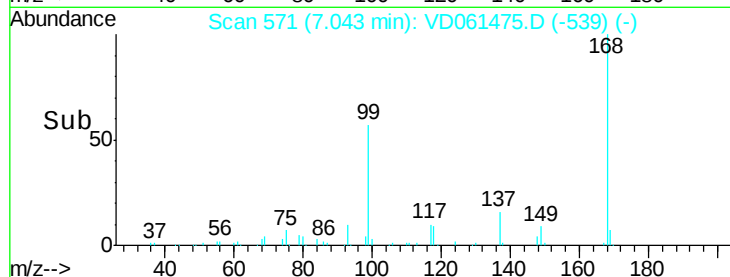
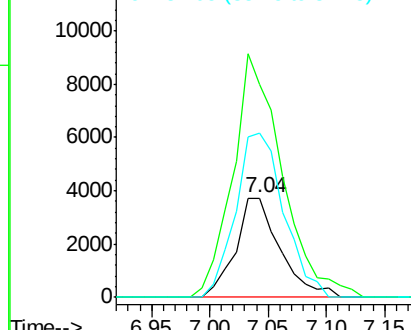
56 100

69 214.5 25.7 38.5#

84 164.8 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: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD061475.D

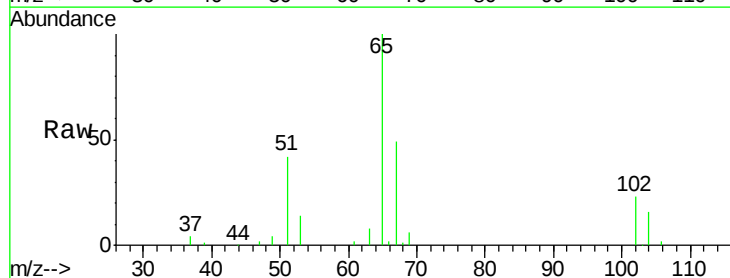
Acq: 1 Apr 2019 18:19

Tgt Ion: 65 Resp: 235218

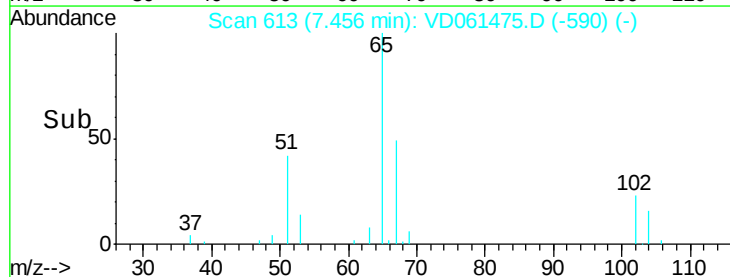
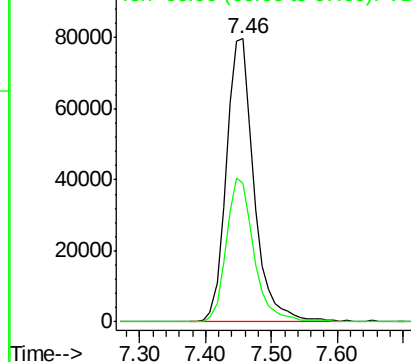
Ion Ratio Lower Upper

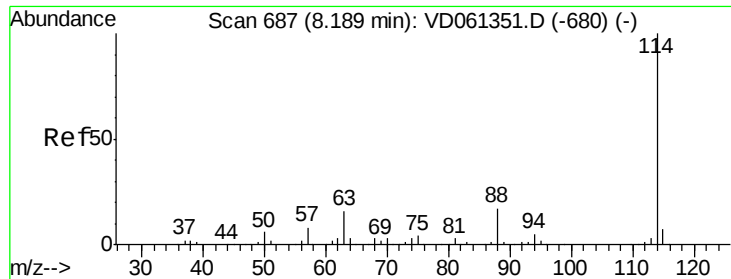
65 100

67 49.1 0.0 99.8



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

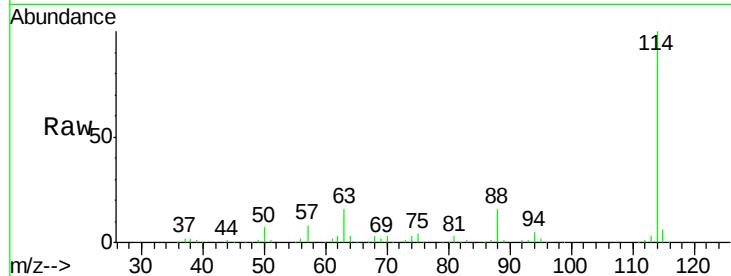




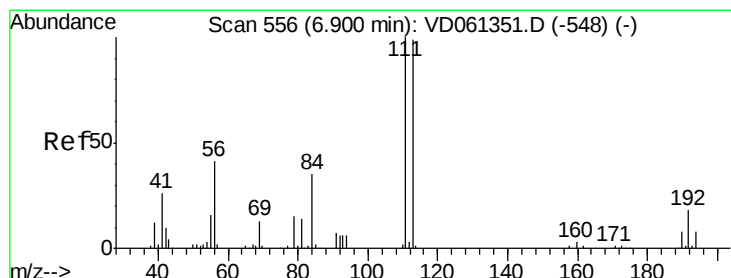
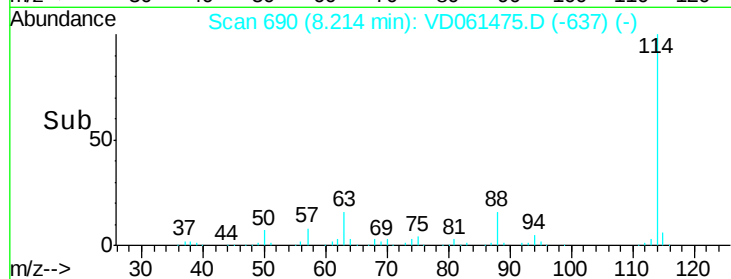
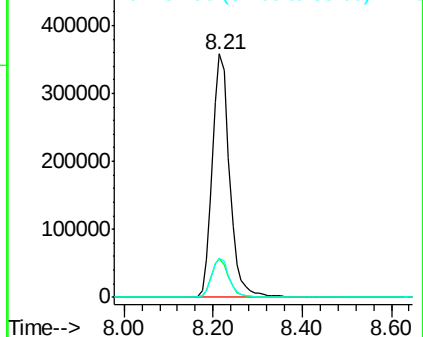
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061475.D
 Acq: 1 Apr 2019 18:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 963647
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 15.9 0.0 33.4

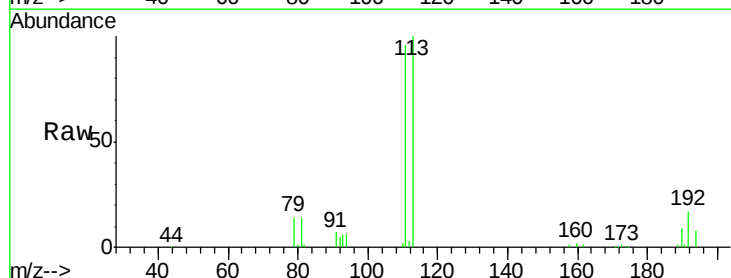


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

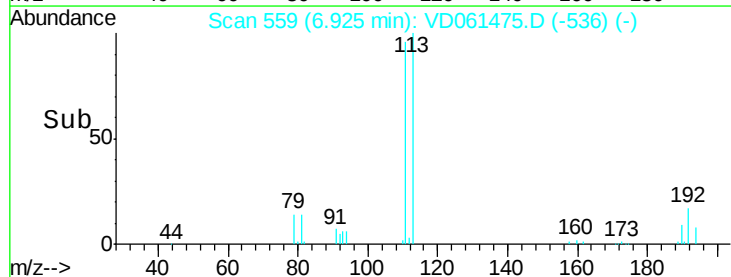
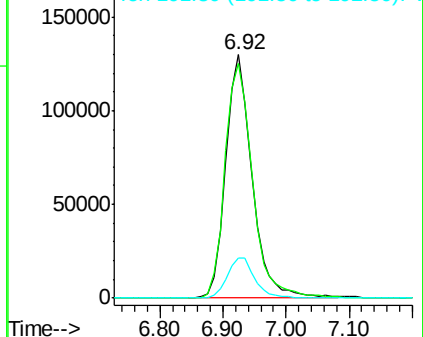


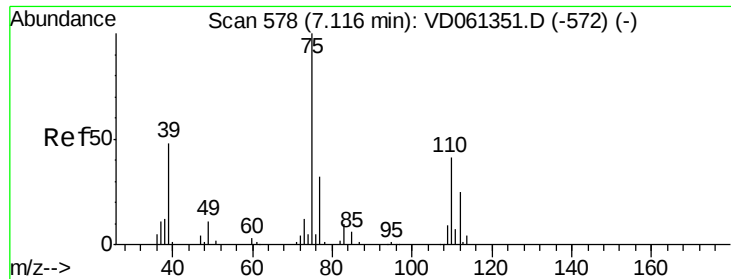
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061475.D
 Acq: 1 Apr 2019 18:19

Tgt Ion:113 Resp: 375627
 Ion Ratio Lower Upper
 113 100
 111 96.5 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

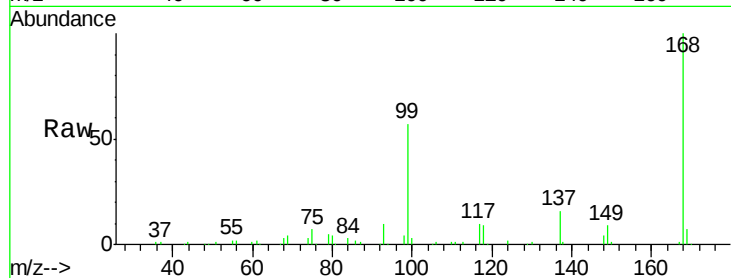




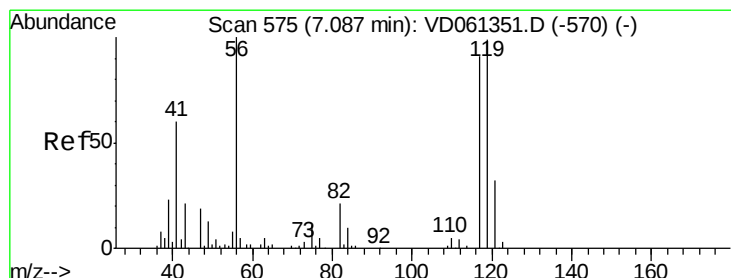
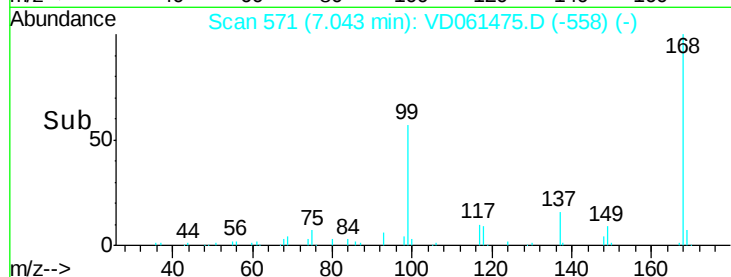
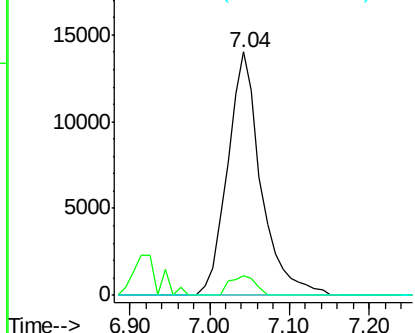
#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061475.D
 Acq: 1 Apr 2019 18:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	75	Resp	41065
Ion Ratio	Lower	Upper	
75	100		
110	7.8	20.4	61.3#
77	0.0	24.9	37.3#

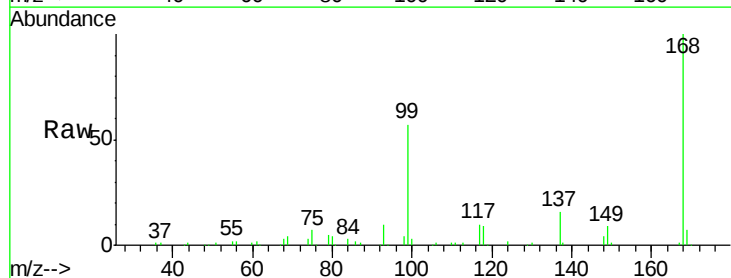


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

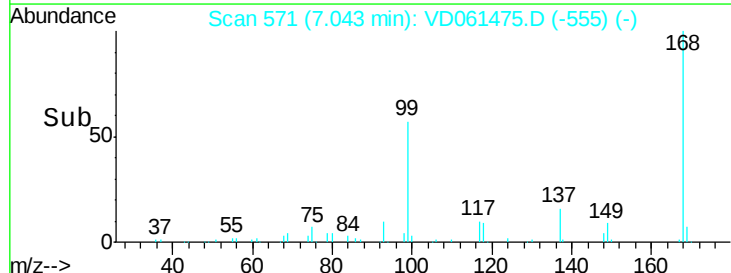
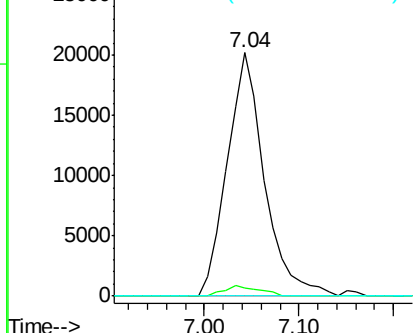


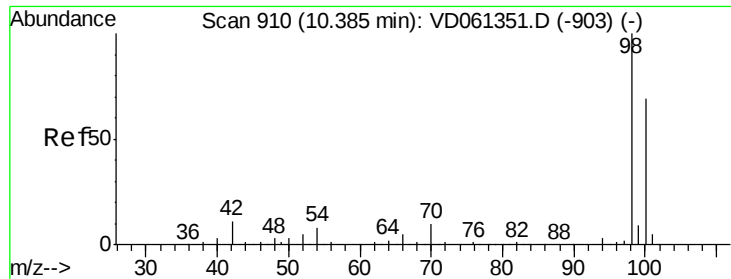
#38
 Carbon Tetrachloride
 Concen: 5.682 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: VD061475.D
 Acq: 1 Apr 2019 18:19

Tgt Ion	117	Resp	54913
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	3.5	80.1	120.1#
121	0.0	25.6	38.4#



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

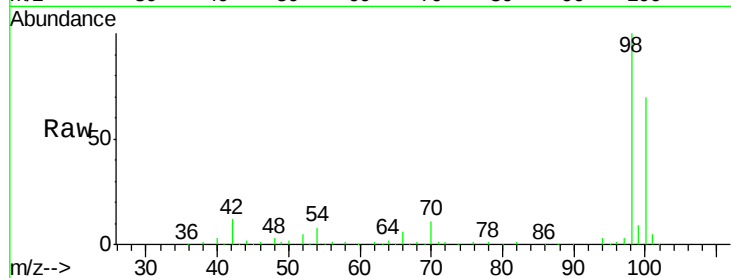




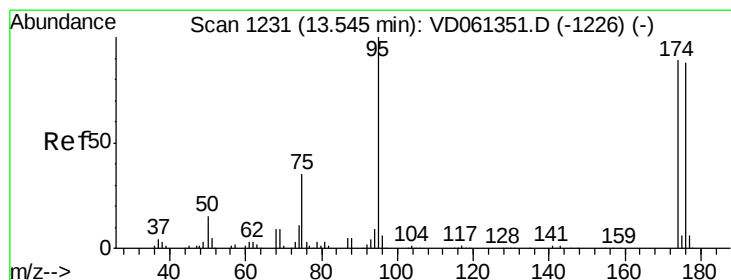
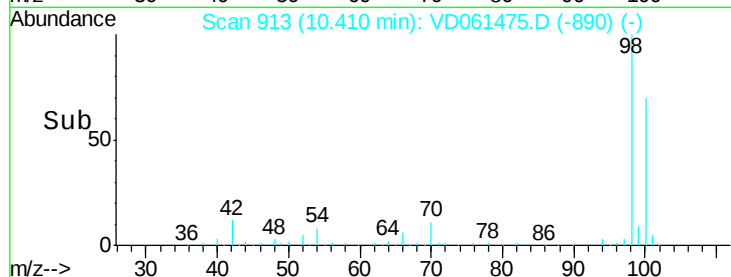
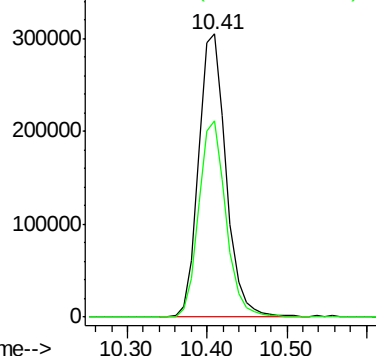
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061475.D
Acq: 1 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 737020
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.2

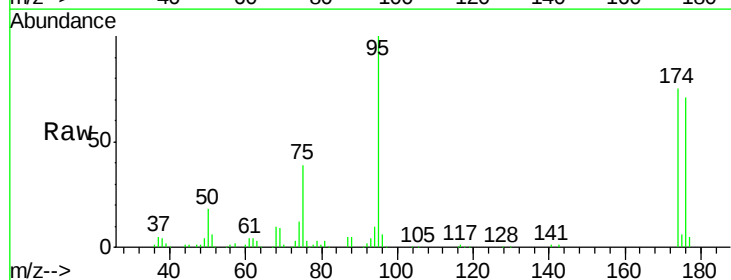


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

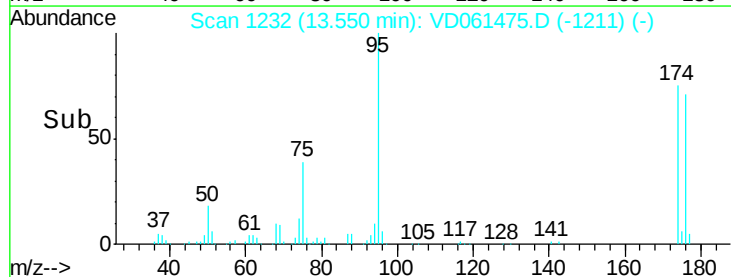
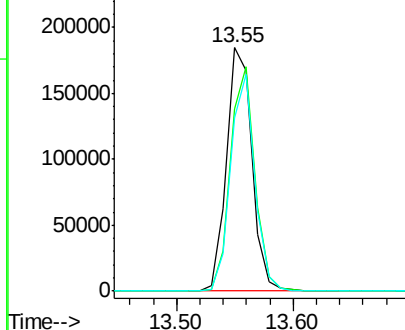


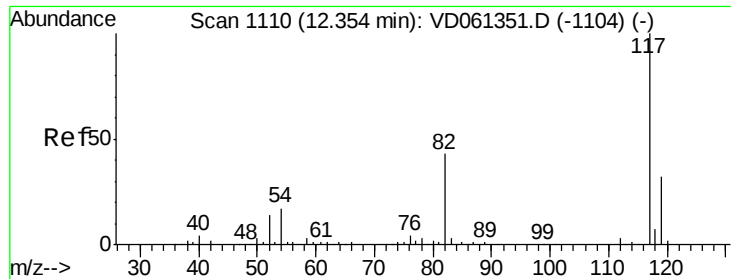
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061475.D
Acq: 1 Apr 2019 18:19

Tgt Ion: 95 Resp: 280245
Ion Ratio Lower Upper
95 100
174 74.8 0.0 178.0
176 71.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

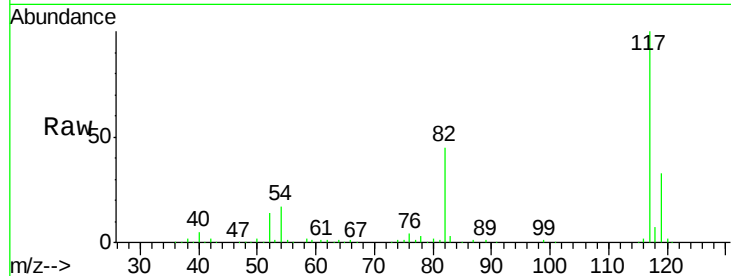




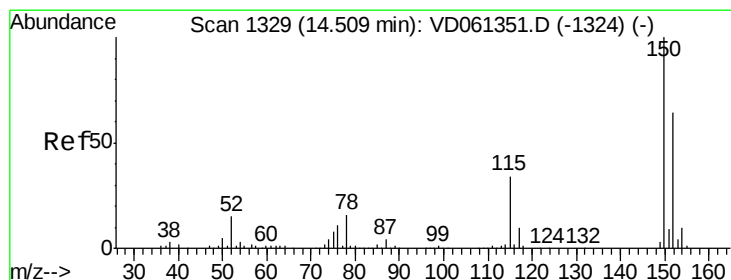
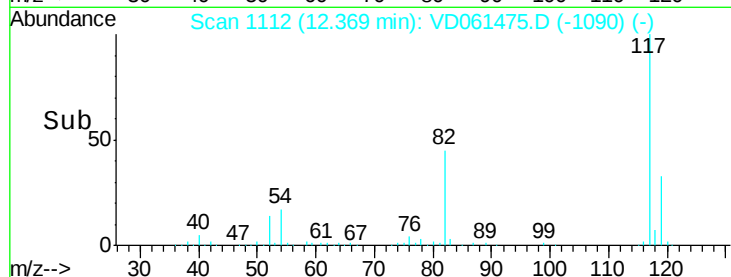
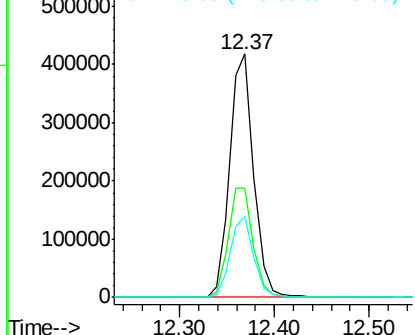
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061475.D
Acq: 1 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 728824
Ion Ratio Lower Upper
117 100
82 44.8 34.4 51.6
119 33.2 25.8 38.6

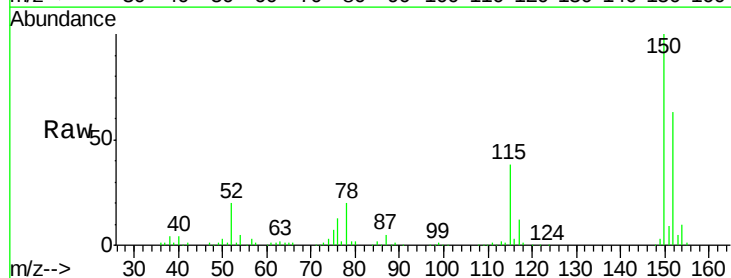


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

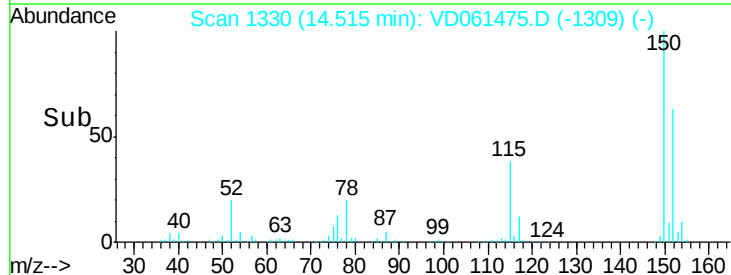
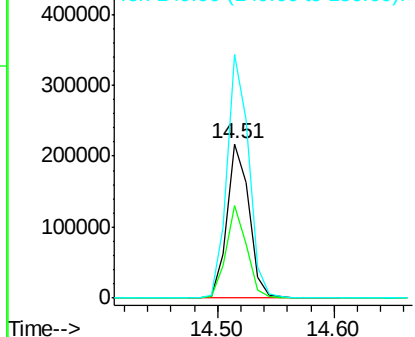


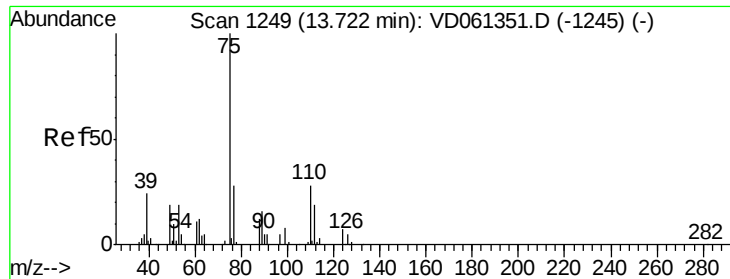
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061475.D
Acq: 1 Apr 2019 18:19

Tgt Ion:152 Resp: 284309
Ion Ratio Lower Upper
152 100
115 60.1 26.9 80.6
150 158.0 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: 21.272 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD061475.D

Acq: 1 Apr 2019 18:19

Instrument :

MSVOA_D

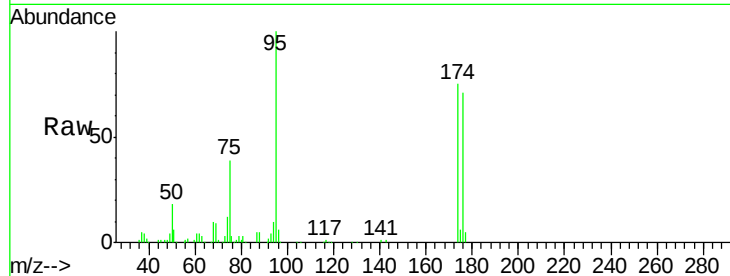
ClientSampleId :

Tot Ion: 75 Resp: 87363

Ion Ratio Lower Upper

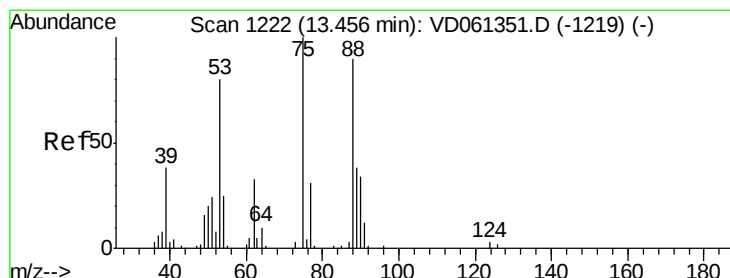
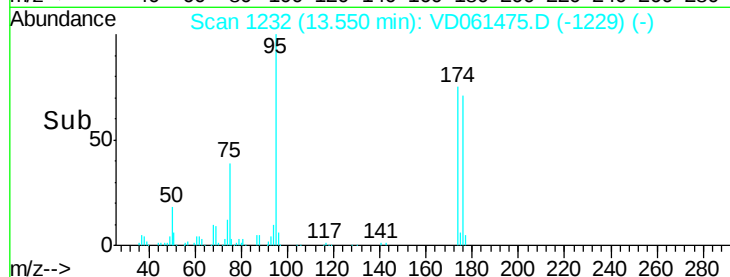
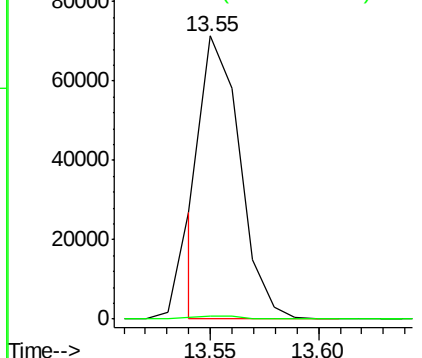
75 100

77 1.0 16.2 48.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 83.308 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061475.D

Acq: 1 Apr 2019 18:19

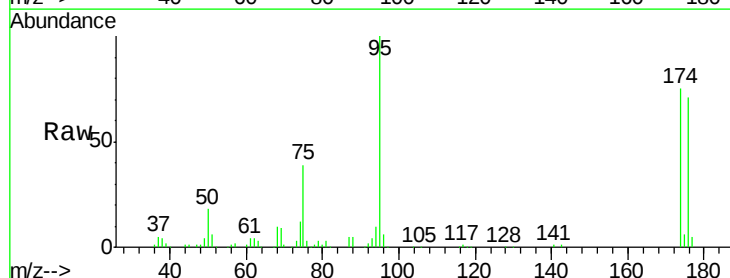
Tgt Ion: 75 Resp: 104319

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

