

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061930.D
 Acq On : 20 Apr 2019 4:29
 Operator : VA/AP
 Sample : K2201-01
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 05:33:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

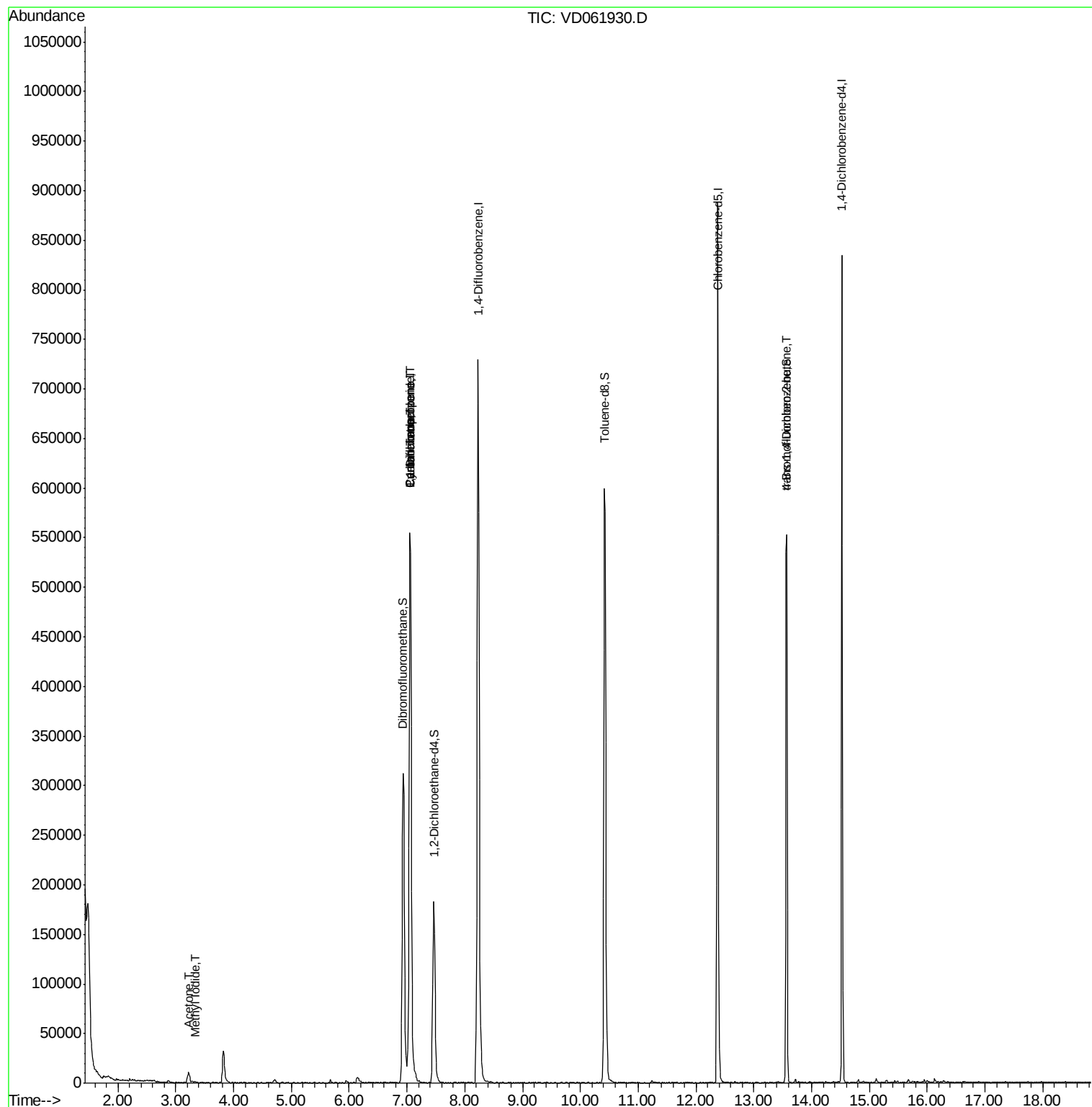
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	560395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	907899	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	575600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	186638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	186930	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
35) Dibromofluoromethane	6.93	113	293056	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
50) Toluene-d8	10.42	98	557560	34.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.62%	
62) 4-Bromofluorobenzene	13.56	95	192079	29.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.32%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.17	94	217	Below Cal	#	12
10) Methyl Iodide	3.33	142	1140	3.621	ug/l #	37
16) Acetone	3.22	43	21238	18.347	ug/l #	87
20) Methylene Chloride	3.82	84	22864	Below Cal		97
31) Cyclohexane	7.05	56	11071	1.557	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	39171	5.280	ug/l #	45
38) Carbon Tetrachloride	7.06	117	53598	5.721	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	71914	87.829	ug/l #	16

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

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Quant Time: Apr 20 05:33:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

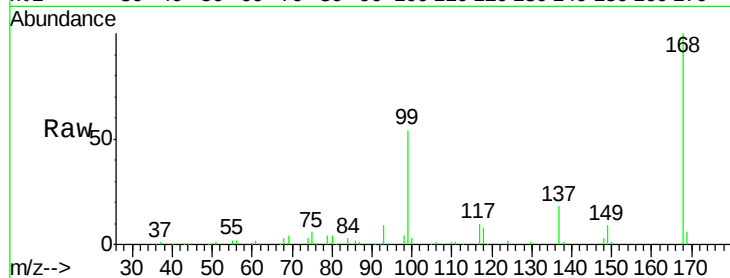
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 560395

Ion Ratio Lower Upper

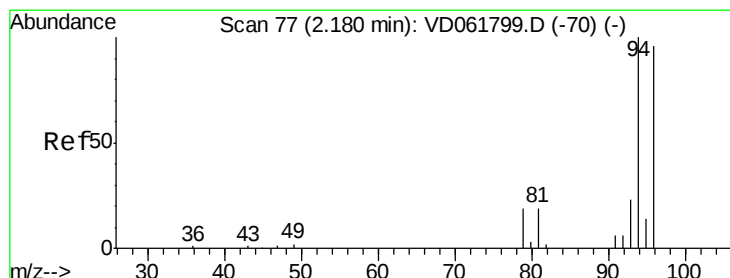
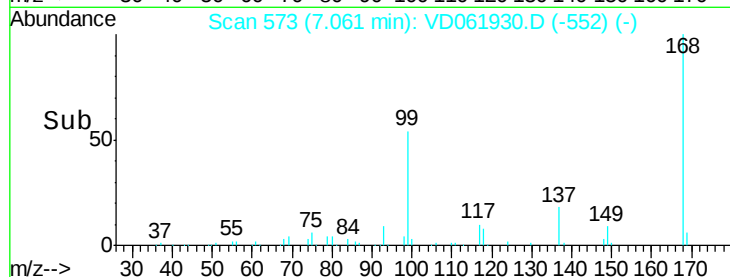
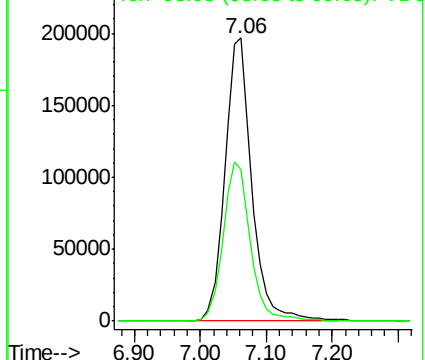
168 100

99 53.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.17 min Scan# 76

Delta R.T. 0.02 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

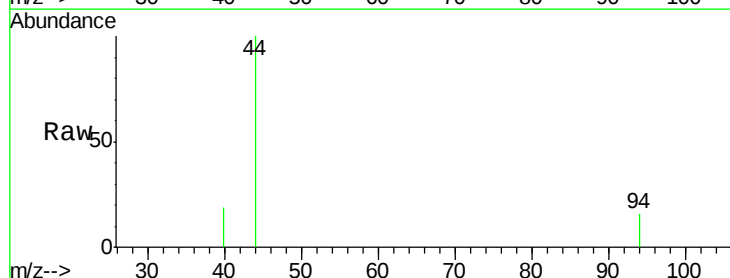
Tgt Ion: 94 Resp: 217

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

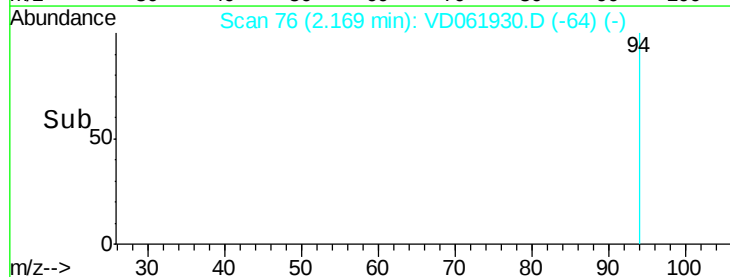
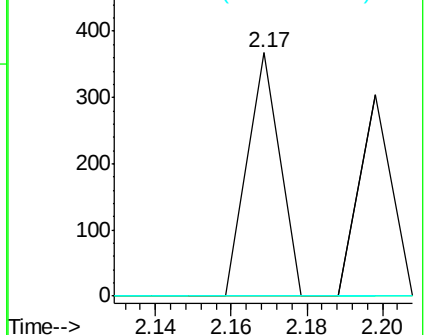
93 0.0 18.5 27.7#

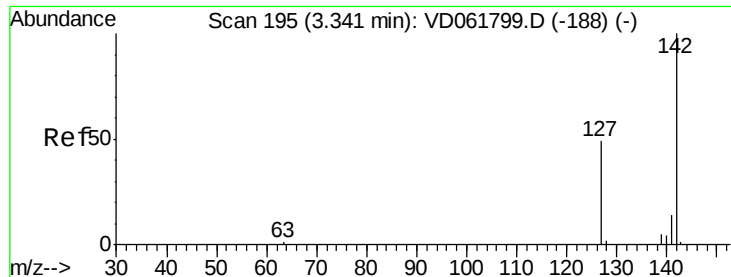


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

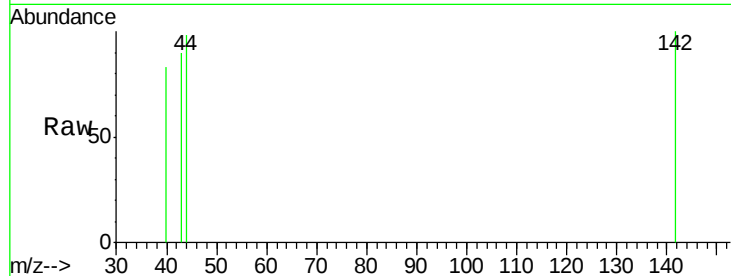




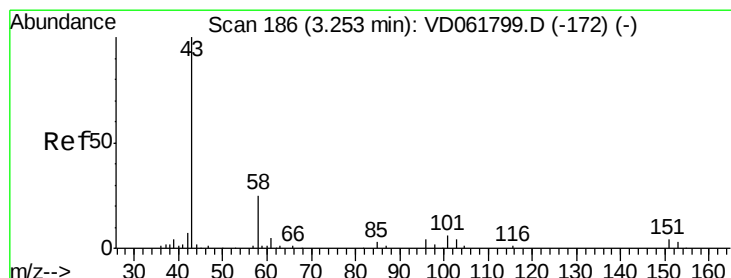
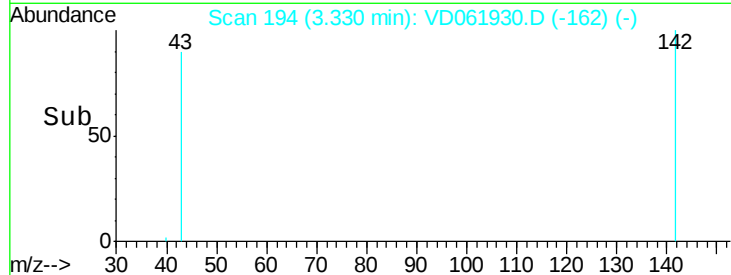
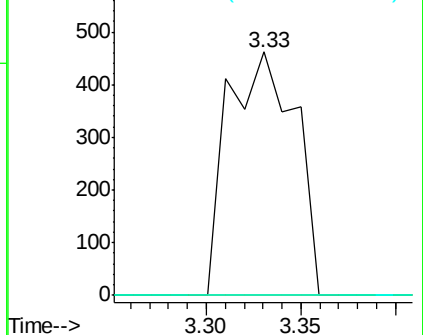
#10
Methvl Iodide
Concen: 3.621 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.02 min
Lab File: VD061930.D
Acq: 20 Apr 2019 4:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 1140
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

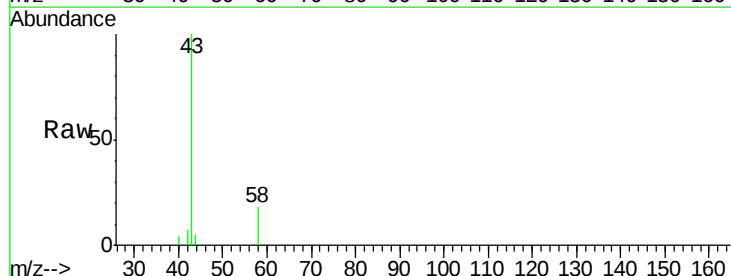


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

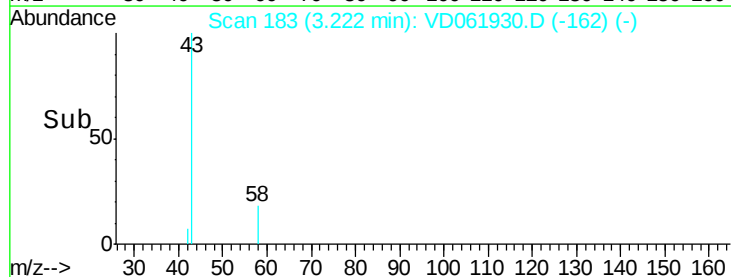
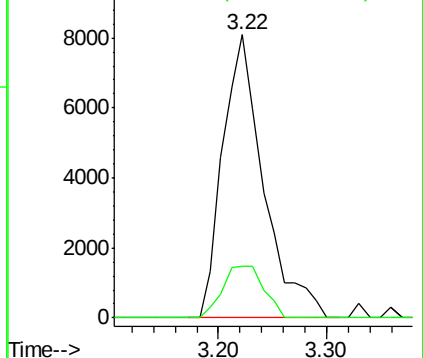


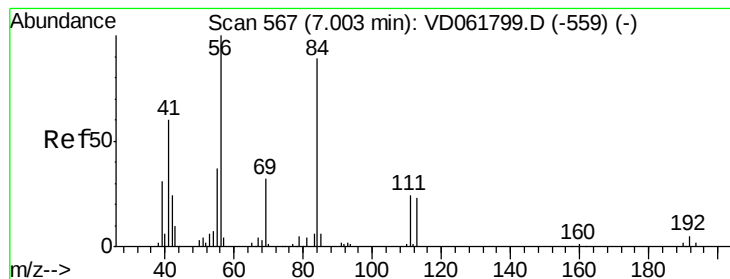
#16
Acetone
Concen: 18.347 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061930.D
Acq: 20 Apr 2019 4:29

Tgt Ion: 43 Resp: 21238
Ion Ratio Lower Upper
43 100
58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#31

Cyclohexane

Concen: 1.557 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.10 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

Instrument :

MSVOA_D

ClientSampled :

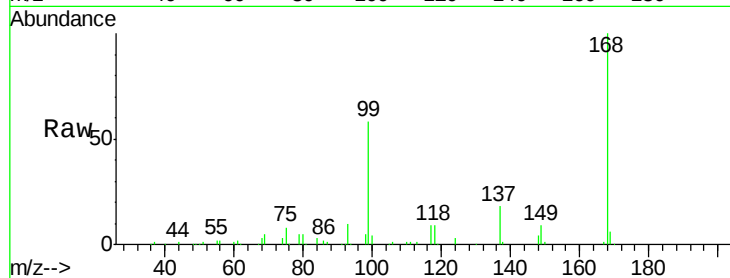
Tot Ion: 56 Resp: 11071

Ion Ratio Lower Upper

56 100

69 244.5 25.8 38.6#

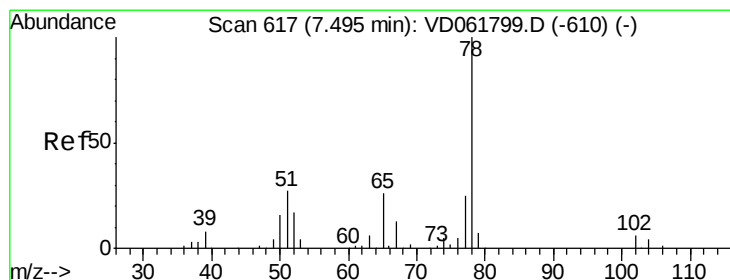
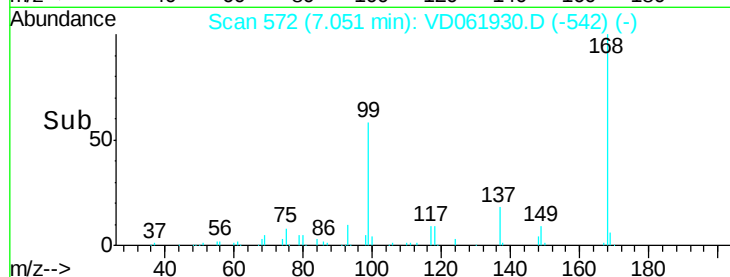
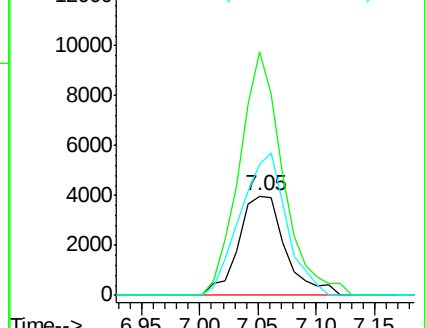
84 131.5 72.2 108.4#



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# 614

Delta R.T. 0.01 min

Lab File: VD061930.D

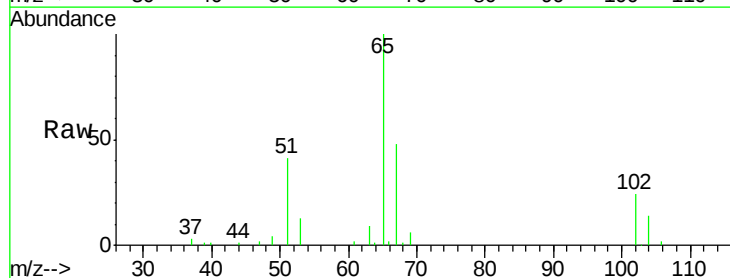
Acq: 20 Apr 2019 4:29

Tgt Ion: 65 Resp: 186930

Ion Ratio Lower Upper

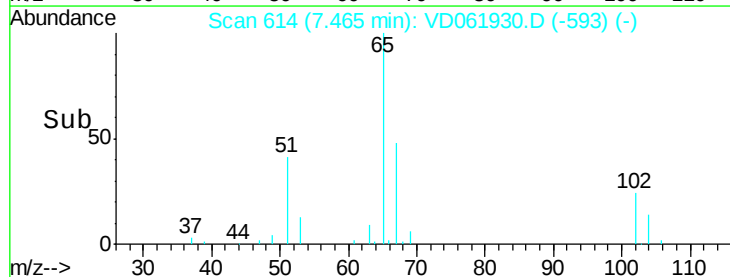
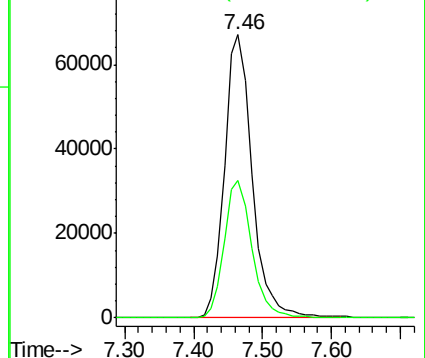
65 100

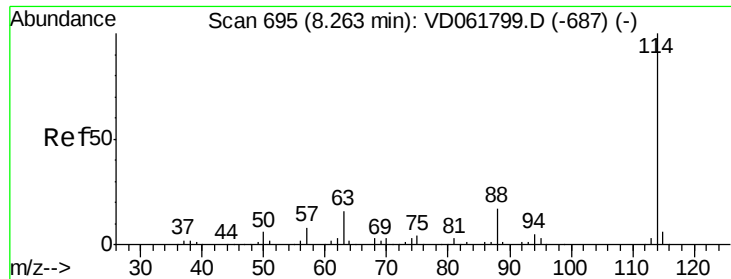
67 48.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

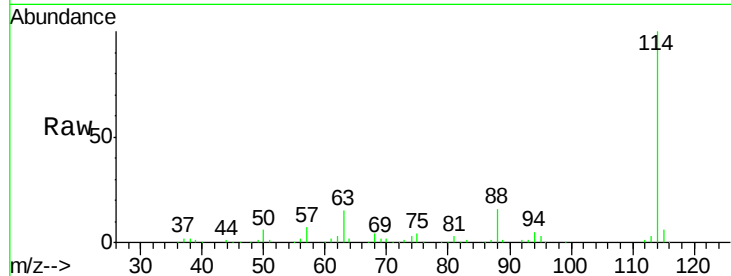




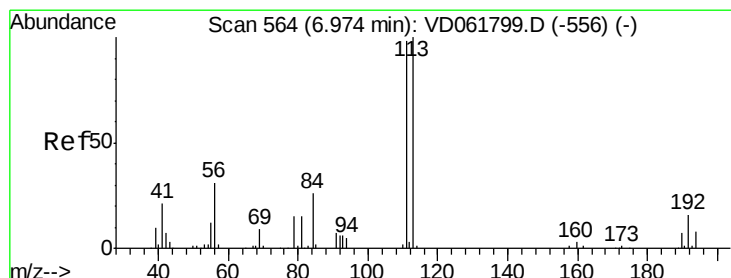
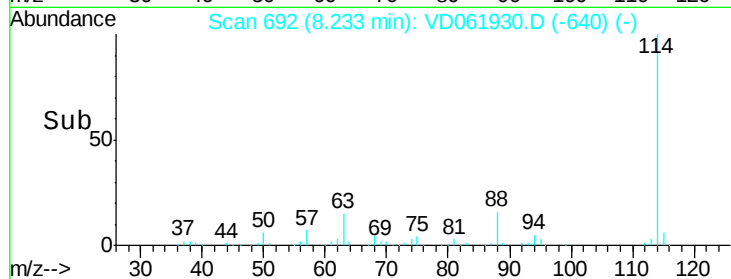
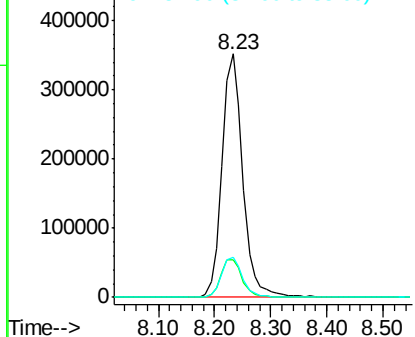
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 907899
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 32.4
 88 16.3 0.0 33.6

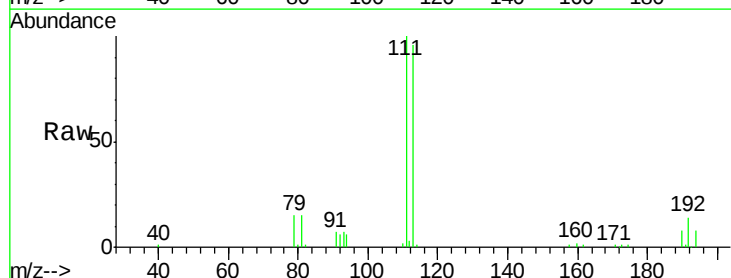


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

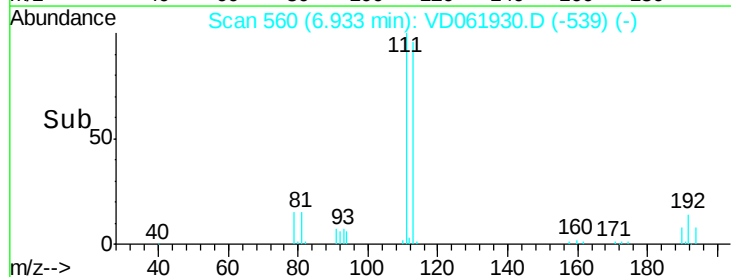
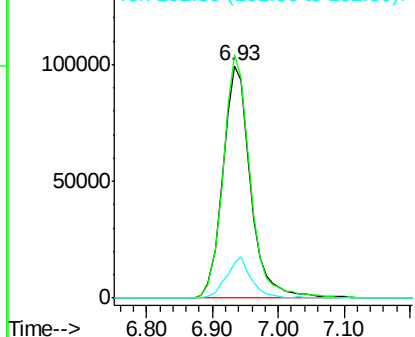


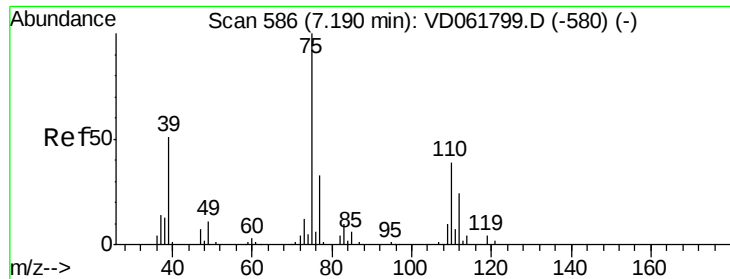
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

Tgt Ion:113 Resp: 293056
 Ion Ratio Lower Upper
 113 100
 111 104.7 78.5 117.7
 192 14.9 13.0 19.4



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: 5.280 ug/l

RT: 7.05 min Scan# 572

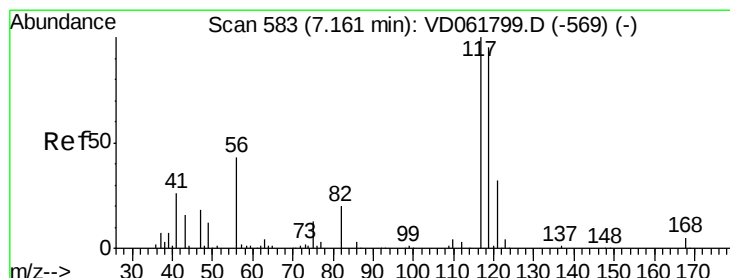
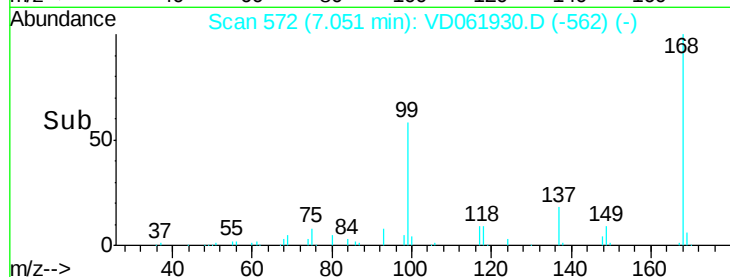
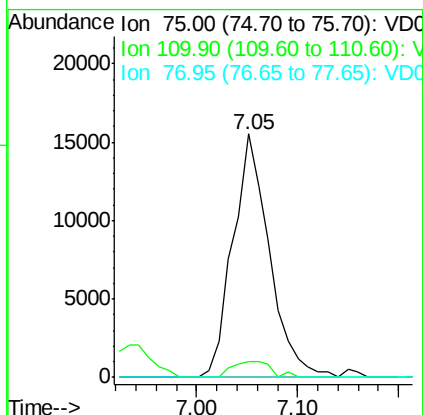
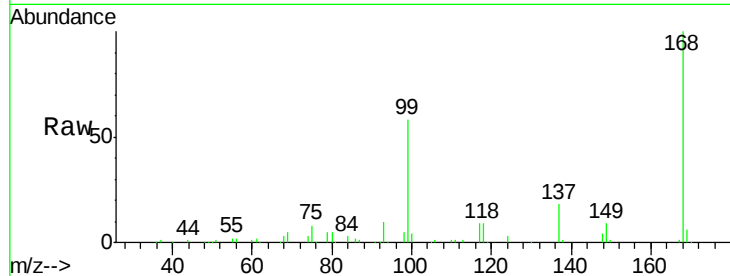
Delta R.T. -0.10 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	39171
Ion	Ratio	Lower	Upper
75	100		
110	6.3	19.1	57.1#
77	0.0	25.6	38.4#



#38

Carbon Tetrachloride

Concen: 5.721 ug/l

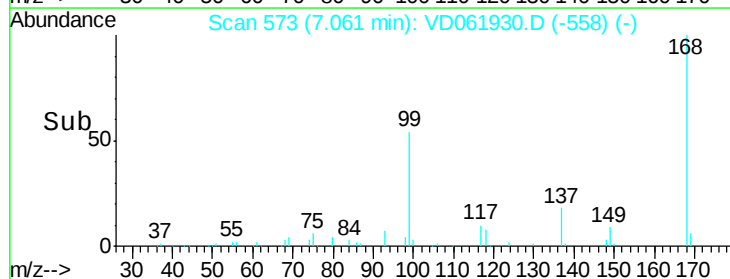
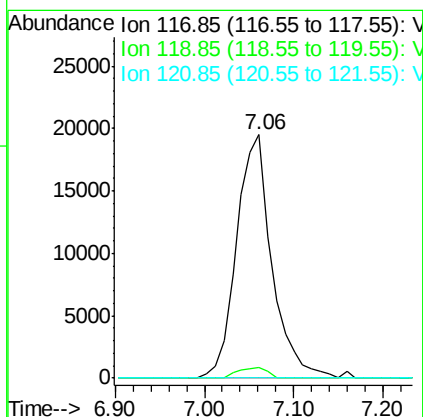
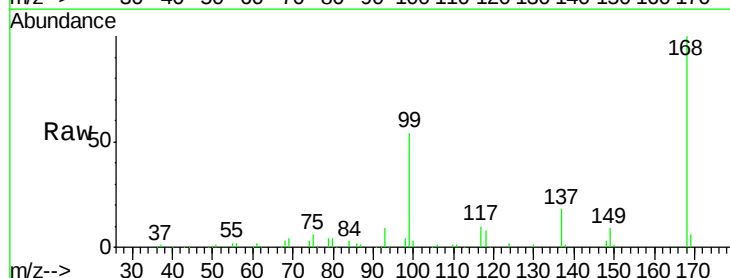
RT: 7.06 min Scan# 573

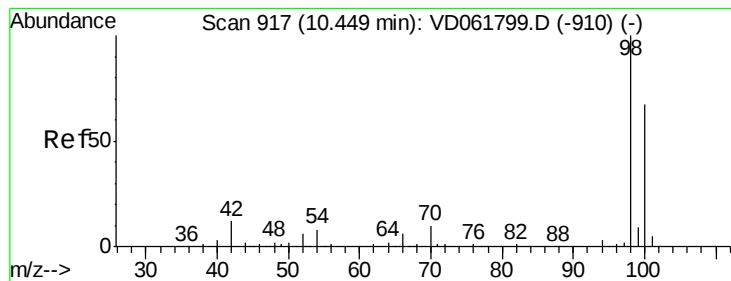
Delta R.T. -0.05 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

Tgt Ion:	117	Resp:	53598
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

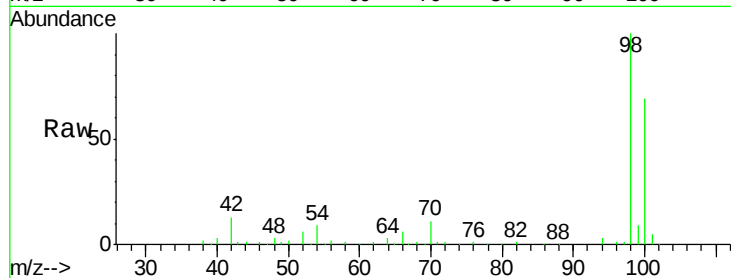
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 557560

Ion Ratio Lower Upper

98 100

100 68.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.42

250000

200000

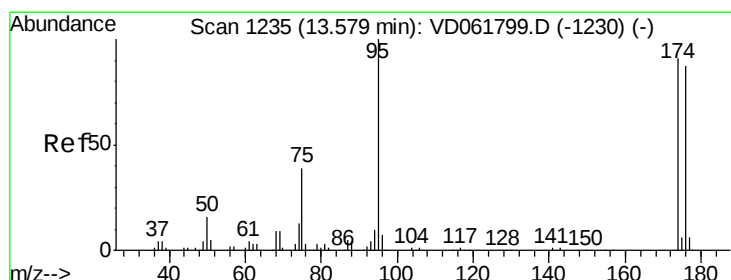
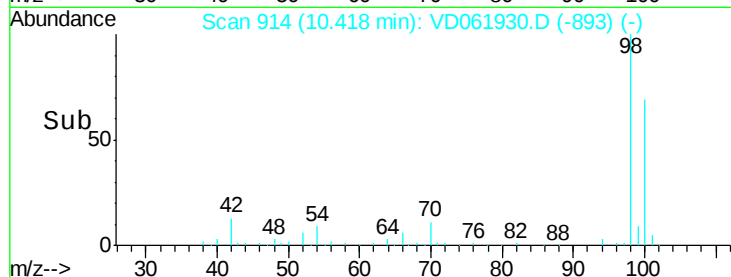
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

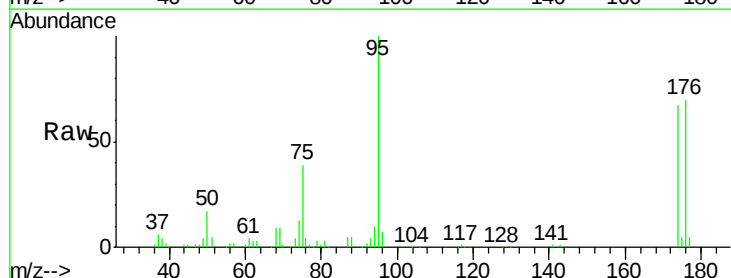
Tgt Ion: 95 Resp: 192079

Ion Ratio Lower Upper

95 100

174 66.7 0.0 181.8

176 69.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

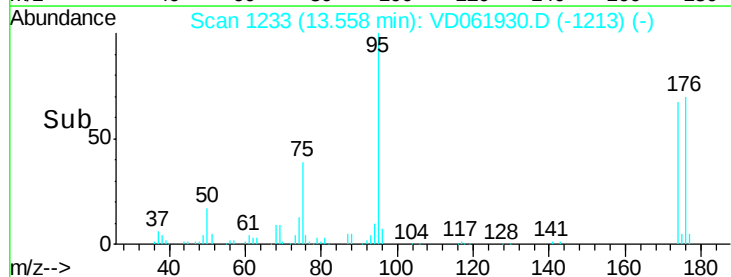
150000

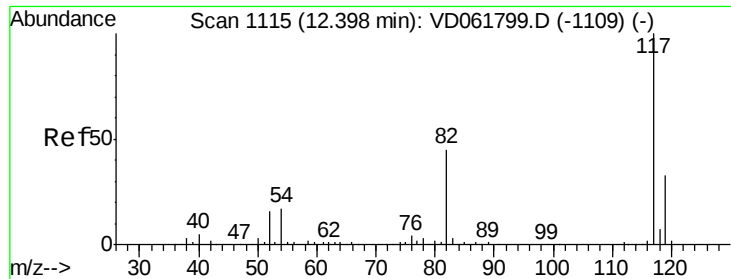
100000

50000

0

Time-->

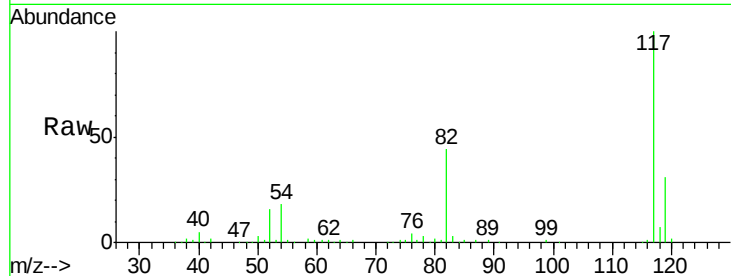




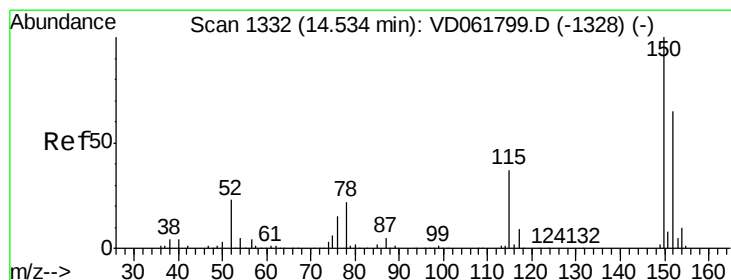
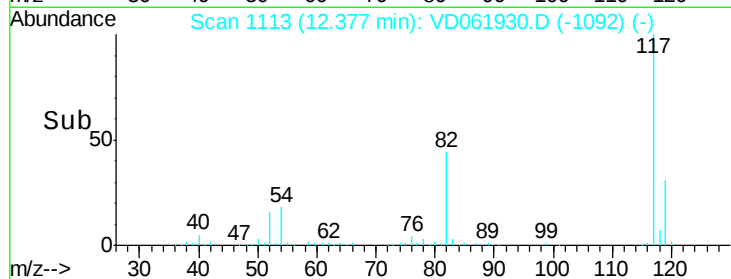
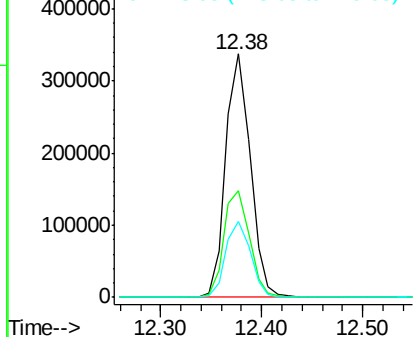
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061930.D
Acq: 20 Apr 2019 4:29

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 575600
Ion Ratio Lower Upper
117 100
82 43.9 36.2 54.2
119 31.4 26.2 39.4

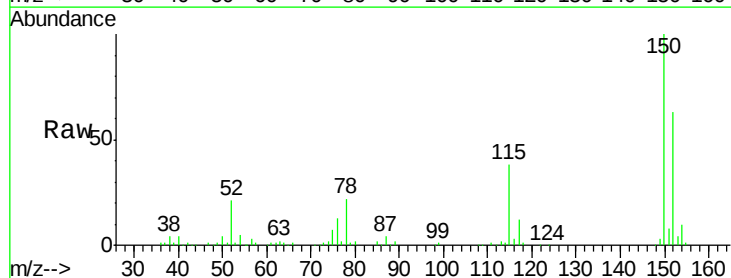


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

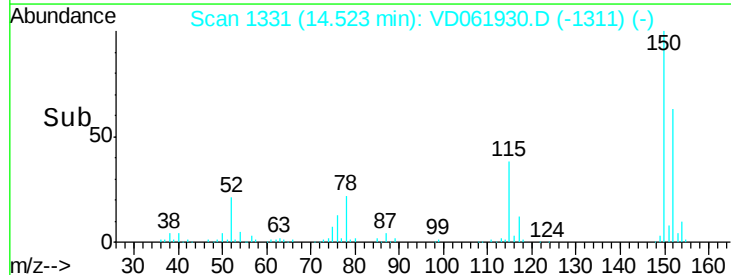
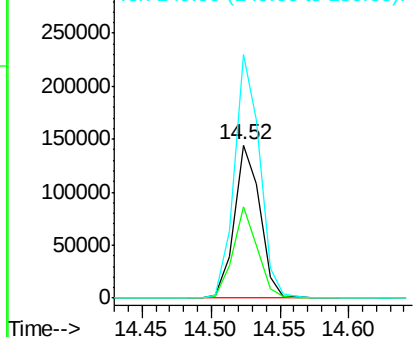


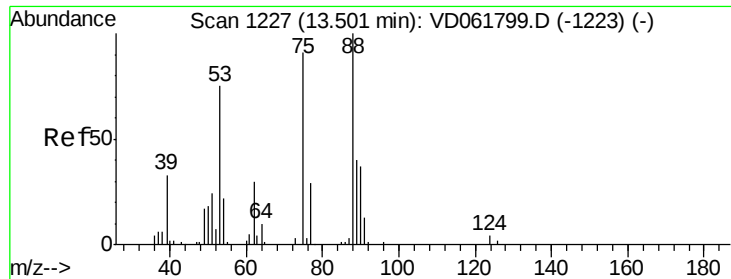
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD061930.D
Acq: 20 Apr 2019 4:29

Tgt Ion:152 Resp: 186638
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.7
150 159.4 0.0 314.8



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: 87.829 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

Instrument :

MSVOA_D

ClientSampleId :

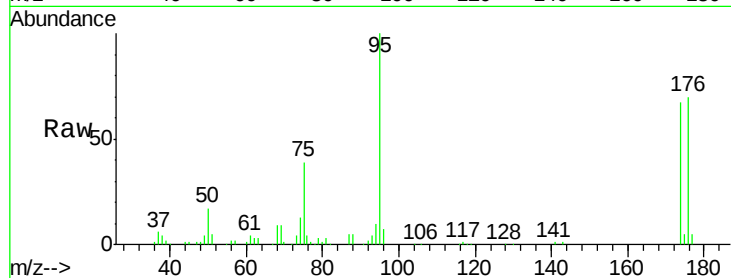
Tot Ion: 75 Resp: 71914

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

