

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060247.D
 Acq On : 31 Oct 2018 17:48
 Operator : VA/AP
 Sample : J5202-09
 Misc : 6.53g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-103018-B

Quant Time: Oct 31 23:54:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1471874	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2148950	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1500788	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	502509	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	540180	48.42	ug/l	0.02
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	6.32	113	670381	41.08	ug/l	0.02
Spiked Amount			Recovery	=	82.16%	
50) Toluene-d8	9.46	98	1676791	36.03	ug/l	0.02
Spiked Amount			Recovery	=	72.06%	
62) 4-Bromofluorobenzene	12.43	95	458788	26.33	ug/l	0.01
Spiked Amount			Recovery	=	52.66%	

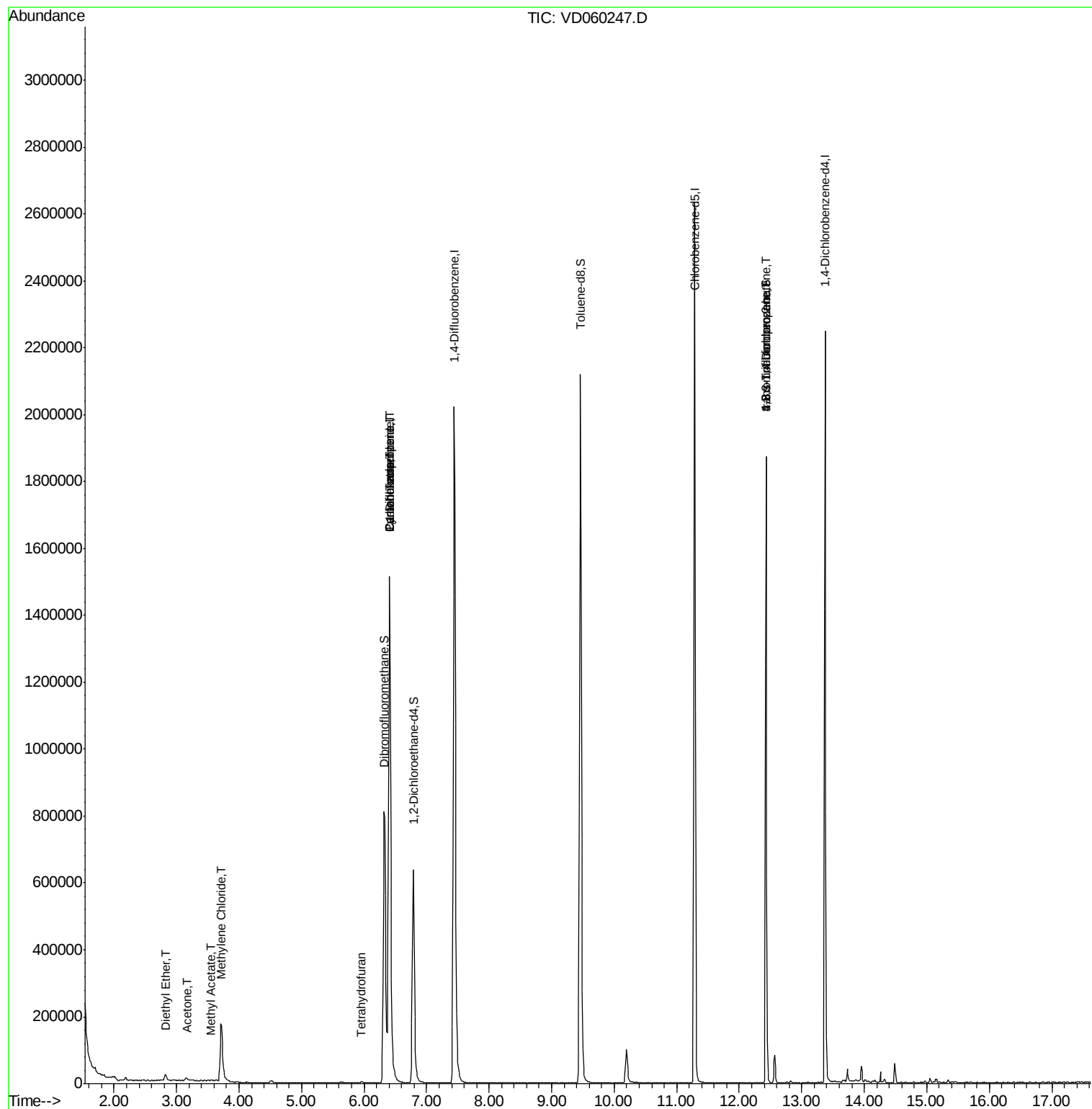
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.82	74	6246	2.483	ug/l	96
16) Acetone	3.16	43	19840	9.800	ug/l #	87
18) Methyl Acetate	3.55	43	4722	1.085	ug/l #	63
20) Methylene Chloride	3.72	84	111600	2.957	ug/l	99
29) Tetrahydrofuran	5.96	42	4138	1.409	ug/l #	77
31) Cyclohexane	6.40	56	25618	1.060	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	98894	4.816	ug/l #	47
38) Carbon Tetrachloride	6.41	117	115667	6.206	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	190398	26.310	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	191047	93.953	ug/l #	13

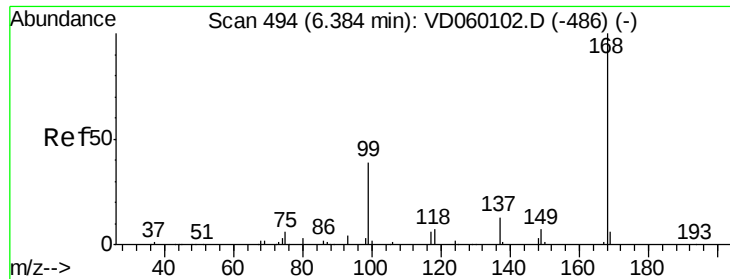
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
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Quant Time: Oct 31 23:54:03 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

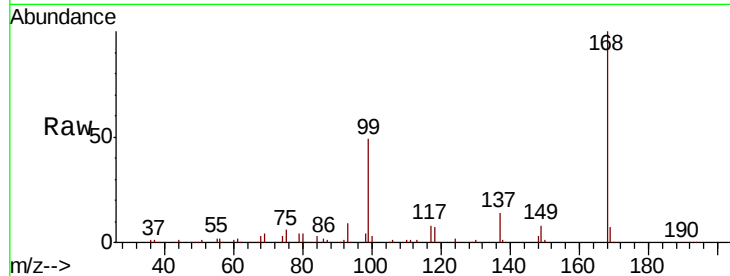
PL-02-103018-B

Tot Ion:168 Resp: 1471874

Ion Ratio Lower Upper

168 100

99 48.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

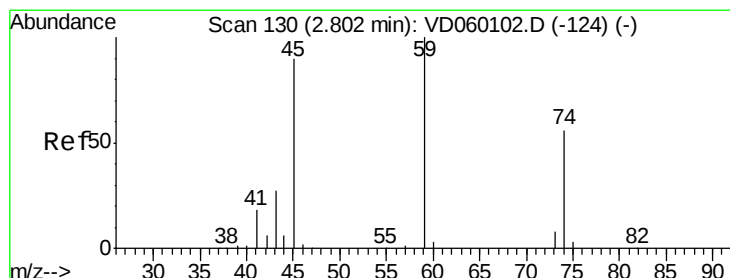
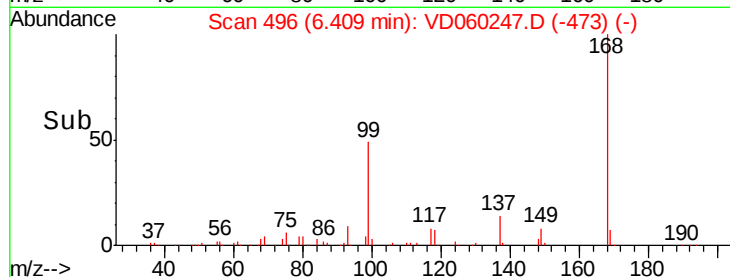
6.41

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 2.483 ug/l

RT: 2.82 min Scan# 131

Delta R.T. 0.01 min

Lab File: VD060247.D

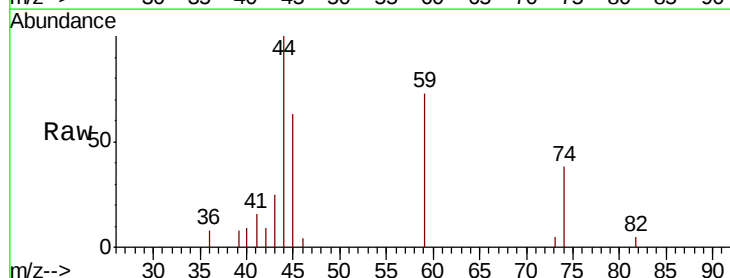
Acq: 31 Oct 2018 17:48

Tgt Ion: 74 Resp: 6246

Ion Ratio Lower Upper

74 100

45 165.5 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.82

6000

5000

4000

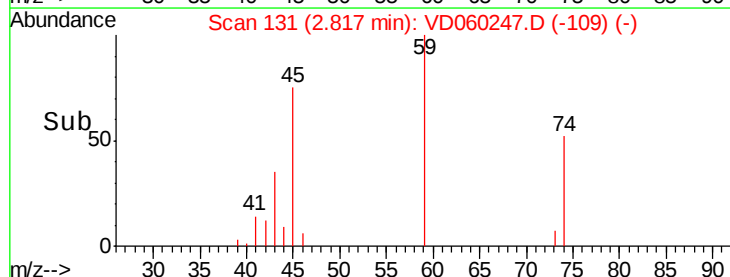
3000

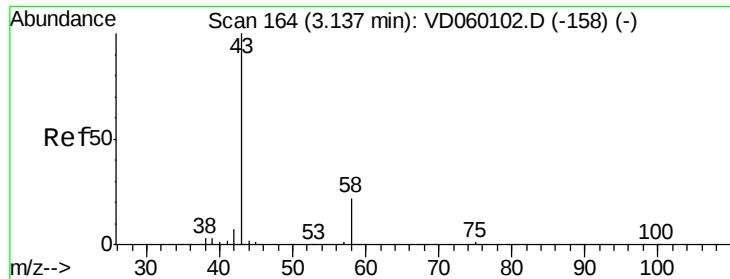
2000

1000

0

Time-->





#16

Acetone

Concen: 9.800 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

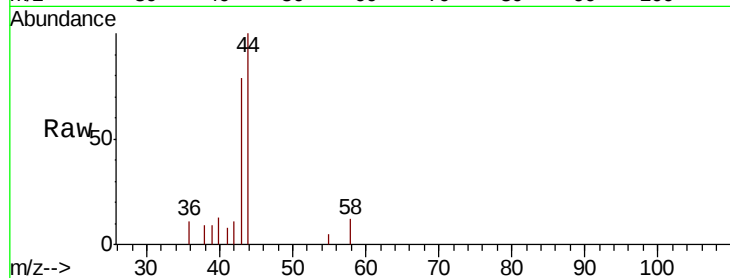
PL-02-103018-B

Tot Ion: 43 Resp: 19840

Ion Ratio Lower Upper

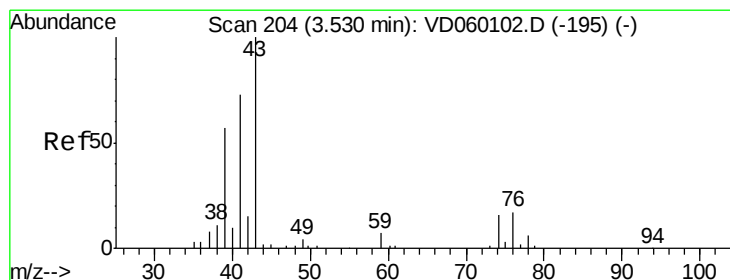
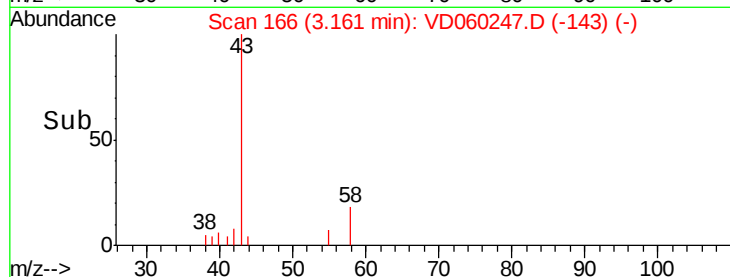
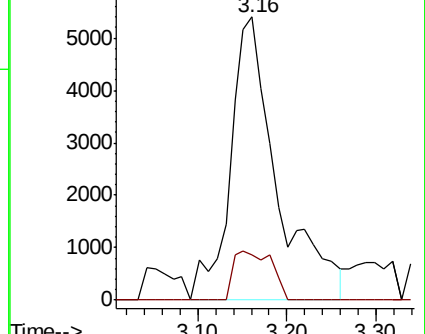
43 100

58 15.8 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.085 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060247.D

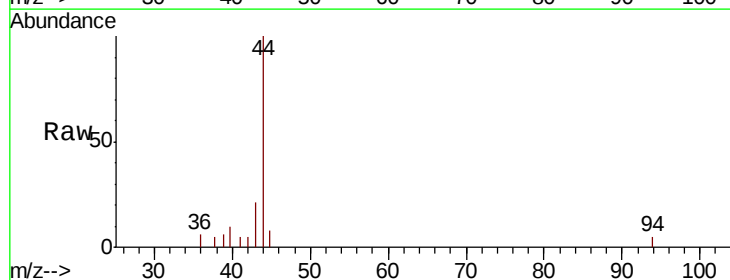
Acq: 31 Oct 2018 17:48

Tgt Ion: 43 Resp: 4722

Ion Ratio Lower Upper

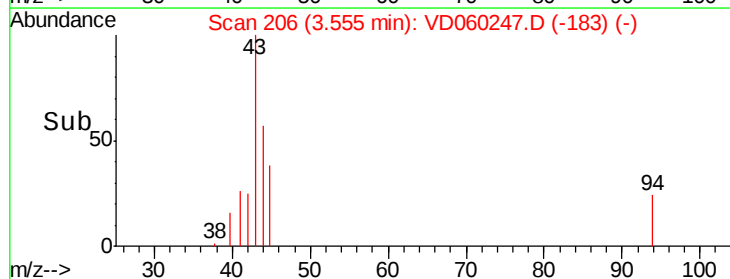
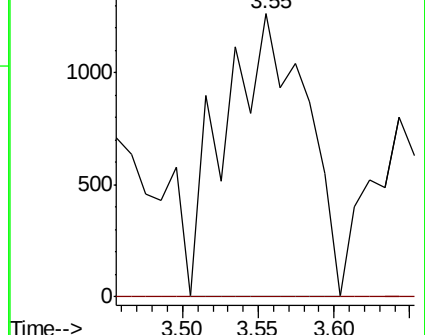
43 100

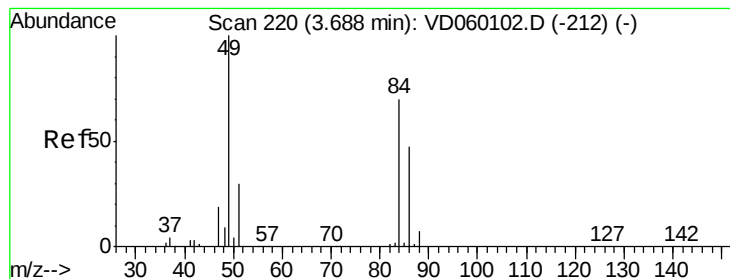
74 0.0 12.6 19.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methvlene Chloride

Concen: 2.957 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.03 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

PL-02-103018-B

Tot Ion: 84 Resp: 111600

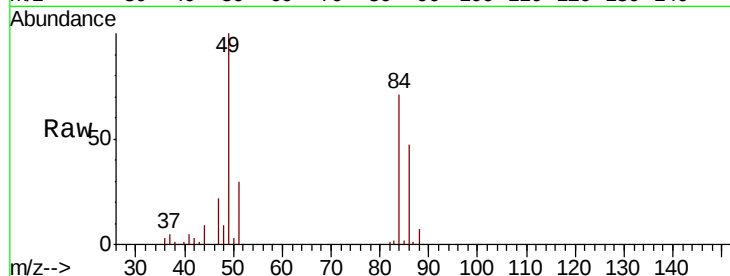
Ion Ratio Lower Upper

84 100

49 141.2 114.6 172.0

51 42.7 33.8 50.8

86 66.9 53.3 79.9

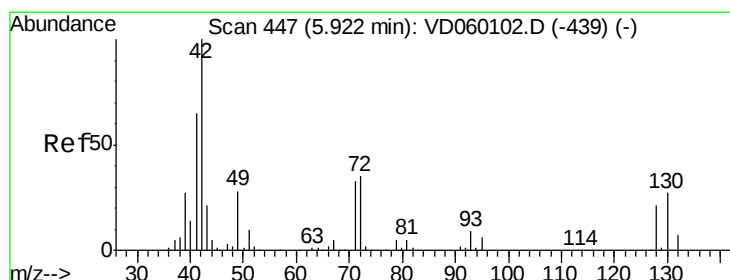
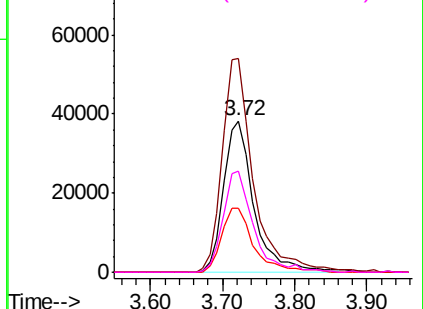
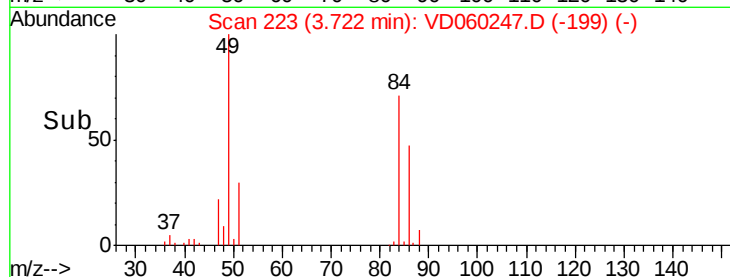


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#29

Tetrahydrofuran

Concen: 1.409 ug/l

RT: 5.96 min Scan# 450

Delta R.T. 0.03 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

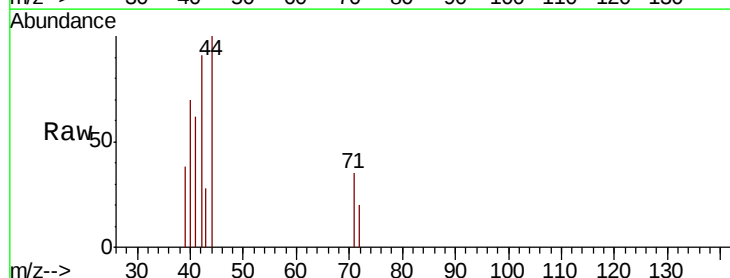
Tgt Ion: 42 Resp: 4138

Ion Ratio Lower Upper

42 100

72 15.5 26.9 40.3#

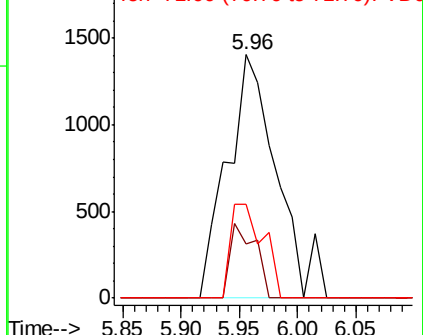
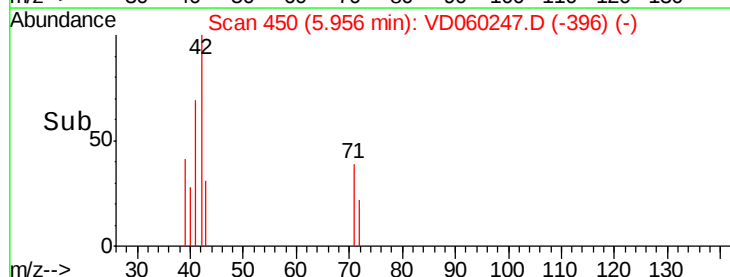
71 25.3 26.7 40.1#

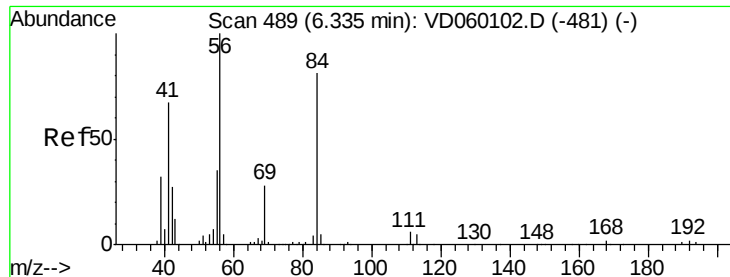


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

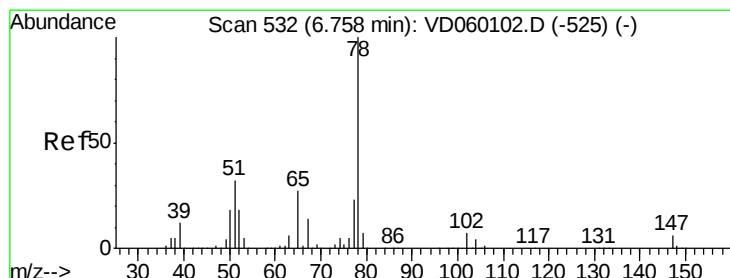
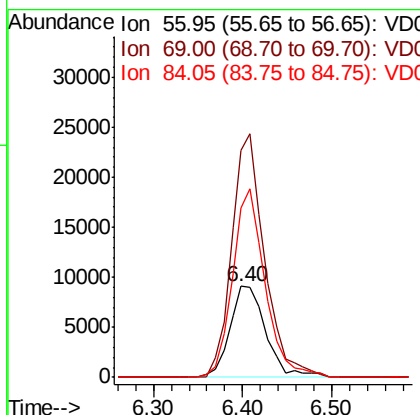
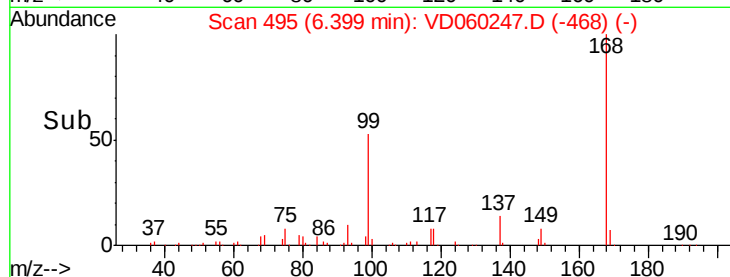
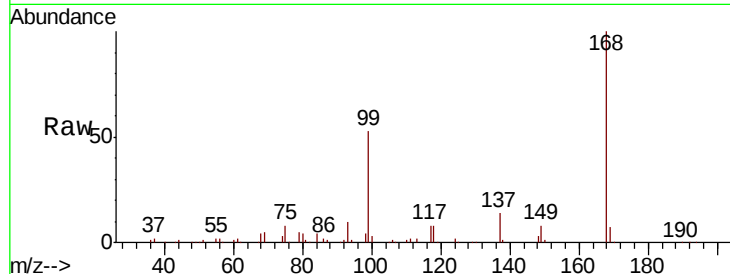




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060247.D
Acq: 31 Oct 2018 17:48

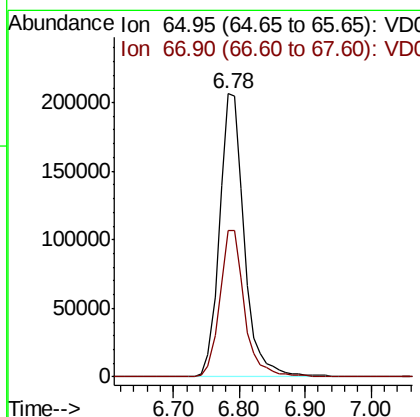
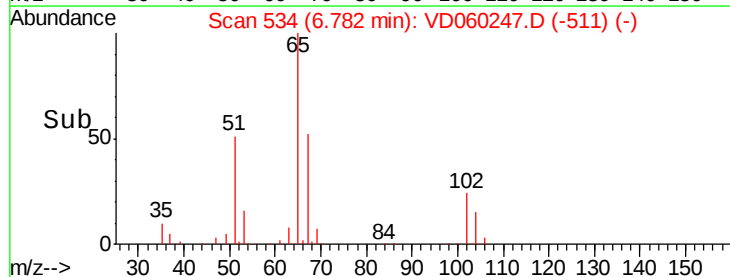
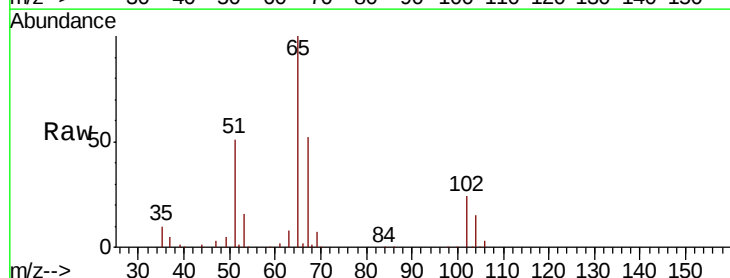
Instrument :
MSVOA_D
ClientSampleId :
PL-02-103018-B

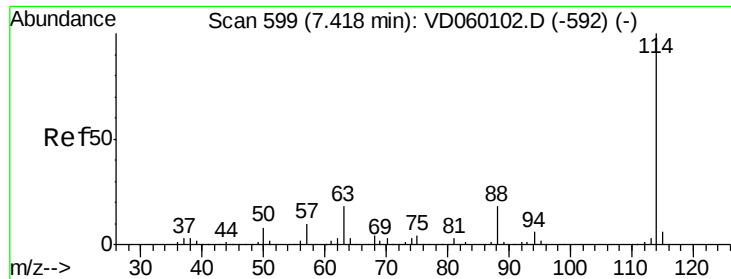
Tot Ion: 56 Resp: 25618
Ion Ratio Lower Upper
56 100
69 249.7 22.8 34.2#
84 185.7 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060247.D
Acq: 31 Oct 2018 17:48

Tgt Ion: 65 Resp: 540180
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

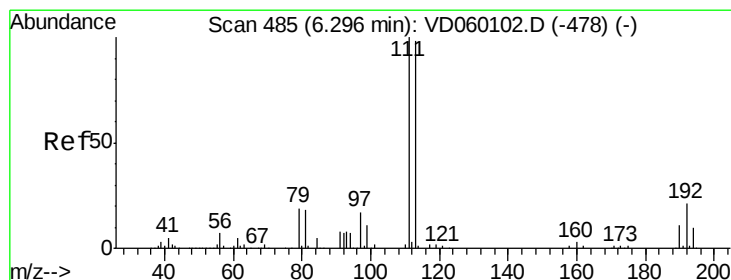
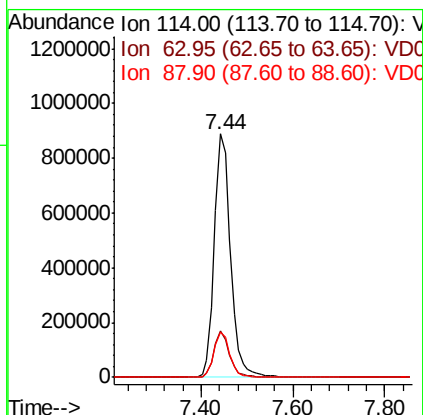
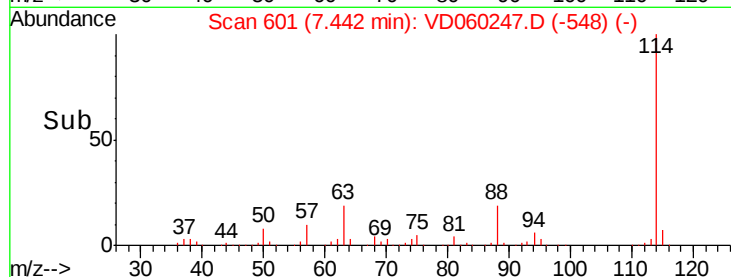
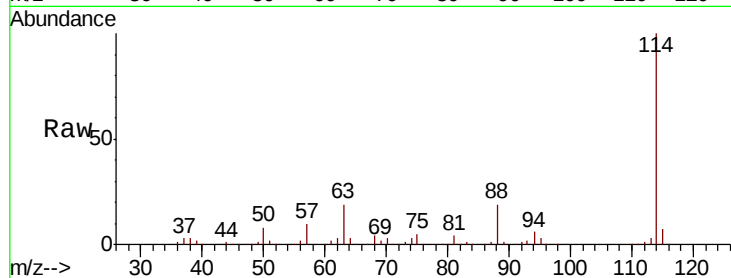




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060247.D
 Acq: 31 Oct 2018 17:48

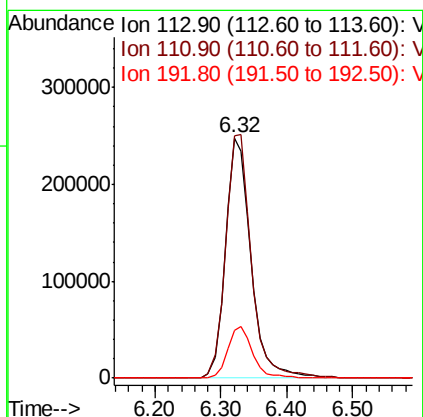
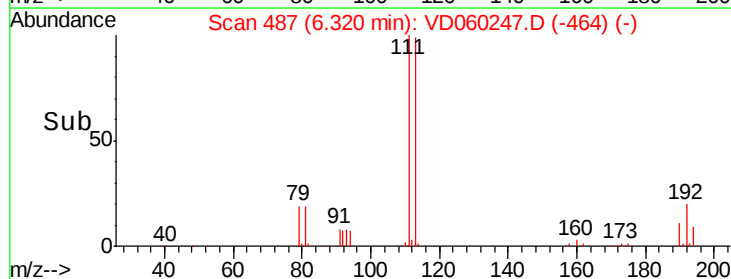
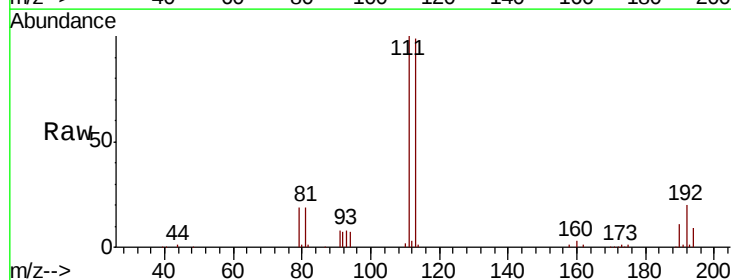
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-103018-B

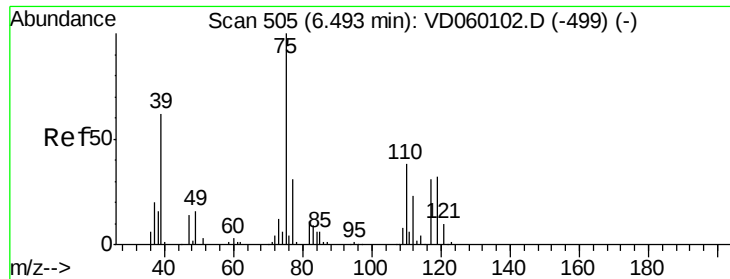
Tot Ion:114 Resp: 2148950
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 18.5 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060247.D
 Acq: 31 Oct 2018 17:48

Tgt Ion:113 Resp: 670381
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.5 122.3
 192 19.8 17.4 26.0





#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.08 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

PL-02-103018-B

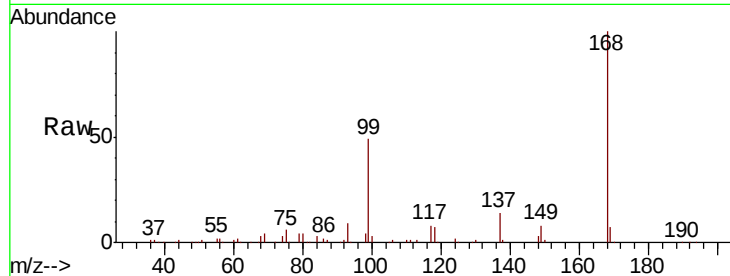
Tot Ion: 75 Resp: 98894

Ion Ratio Lower Upper

75 100

110 7.9 19.0 57.0#

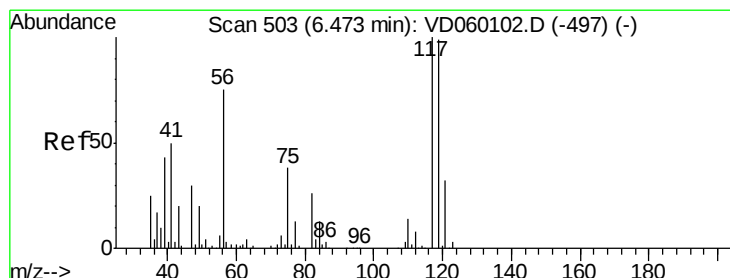
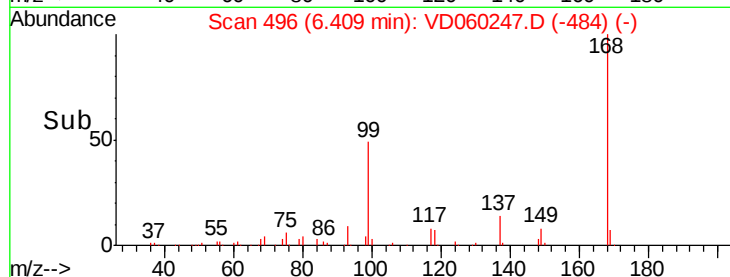
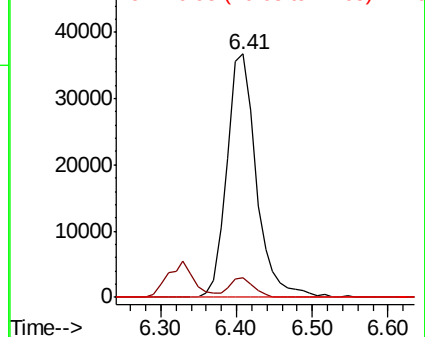
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.206 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.06 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

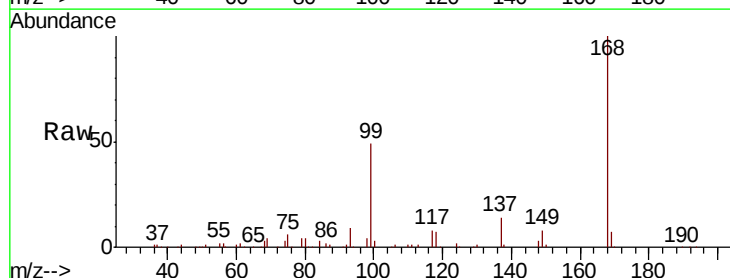
Tgt Ion: 117 Resp: 115667

Ion Ratio Lower Upper

117 100

119 5.1 77.8 116.6#

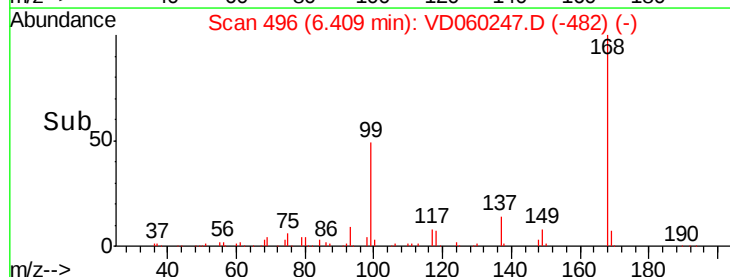
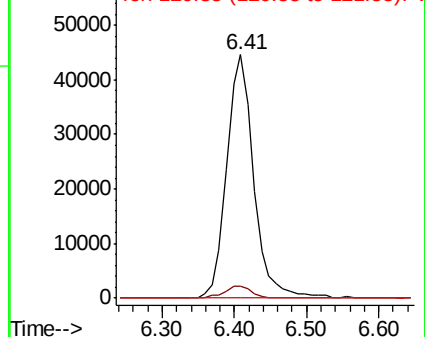
121 0.0 24.8 37.2#

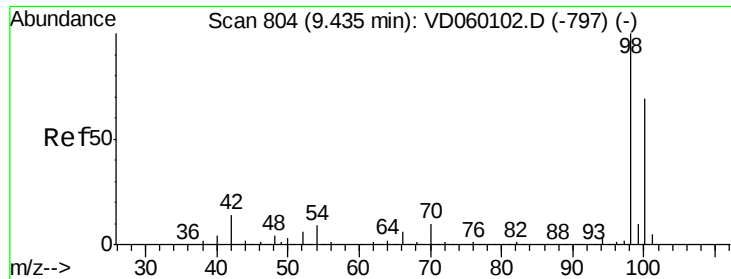


Abundance Ion 116.85 (116.55 to 117.55): V

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: 9.46 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

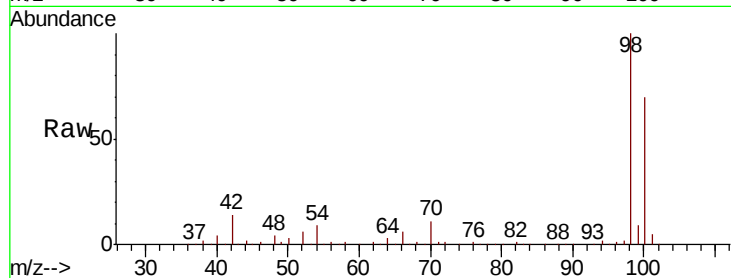
PL-02-103018-B

Tot Ion: 98 Resp: 1676791

Ion Ratio Lower Upper

98 100

100 70.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

9.46

800000

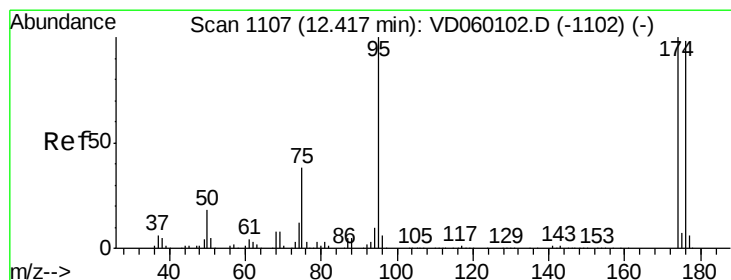
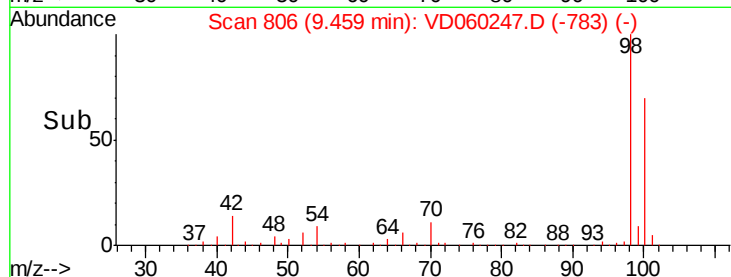
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60 9.70



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060247.D

Acq: 31 Oct 2018 17:48

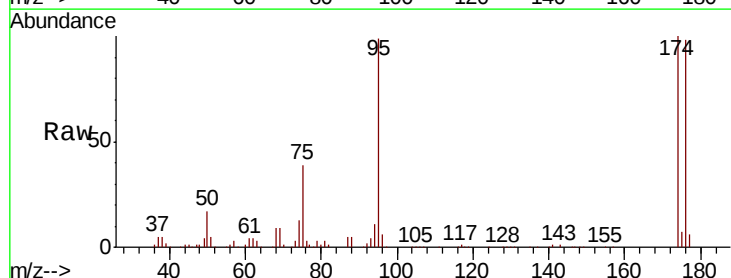
Tgt Ion: 95 Resp: 458788

Ion Ratio Lower Upper

95 100

174 100.7 0.0 200.2

176 98.6 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

500000

400000

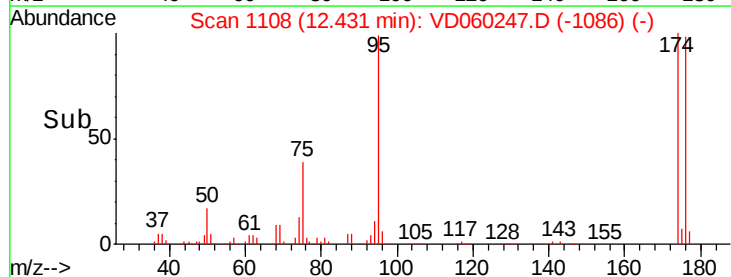
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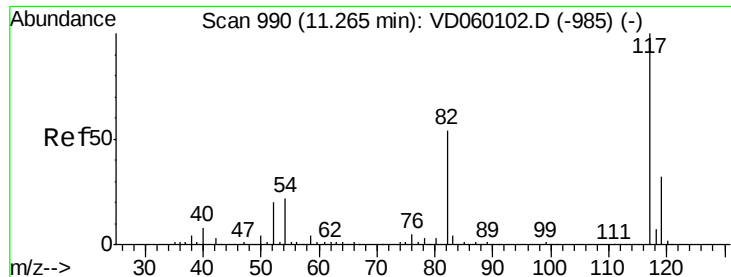
200000

100000

0

Time--> 12.30 12.40 12.50 12.60

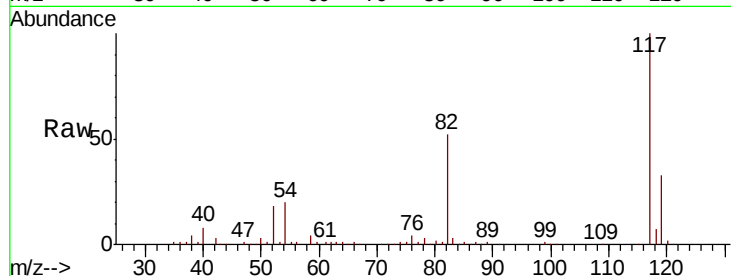




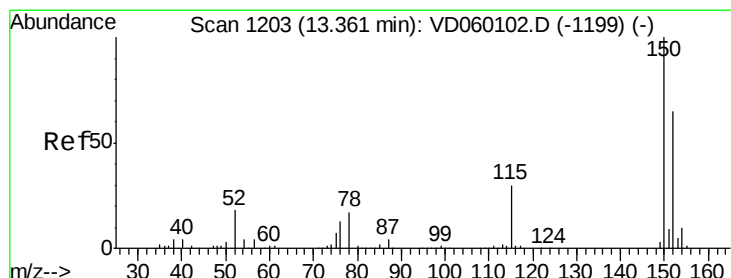
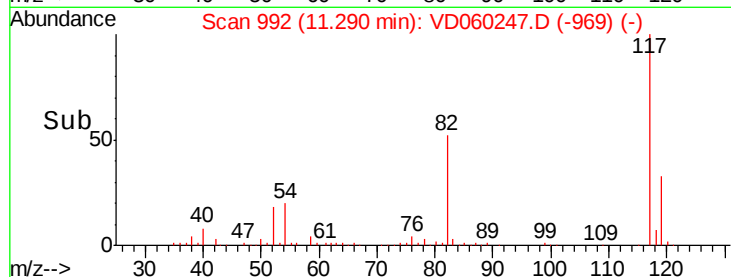
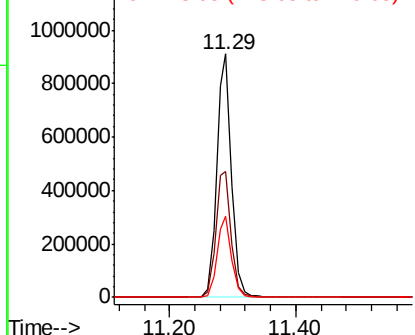
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060247.D
Acq: 31 Oct 2018 17:48

Instrument :
MSVOA_D
ClientSampleId :
PL-02-103018-B

Tot Ion:117 Resp: 1500788
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.2
119 33.3 26.0 39.0

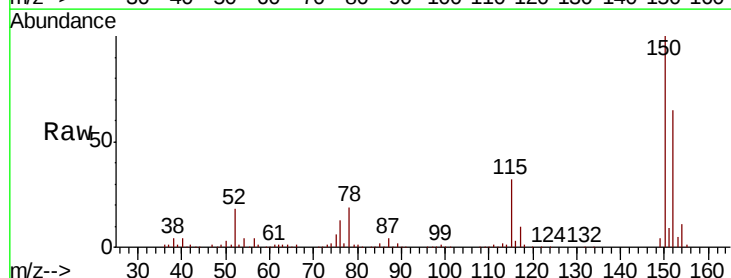


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

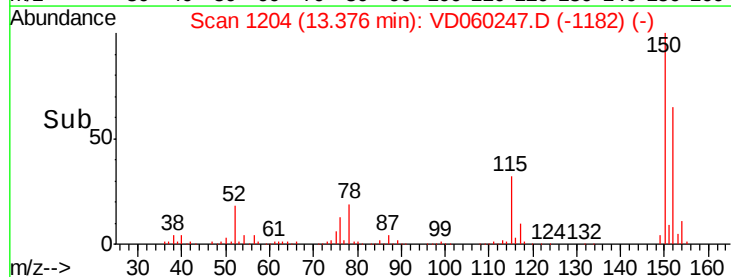
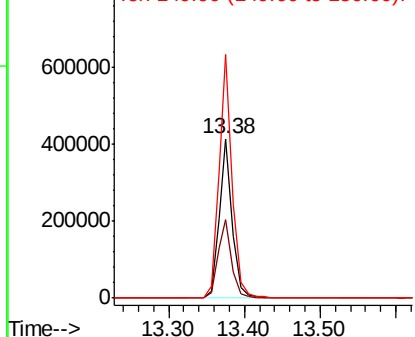


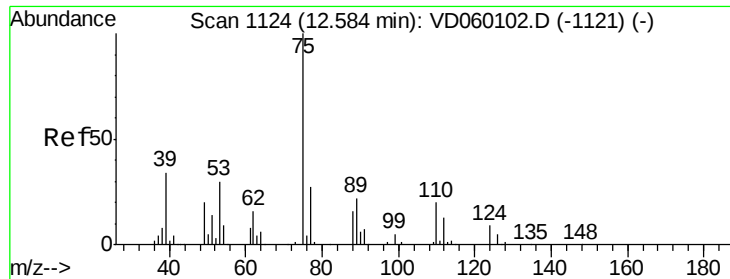
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060247.D
Acq: 31 Oct 2018 17:48

Tgt Ion:152 Resp: 502509
Ion Ratio Lower Upper
152 100
115 49.1 27.1 81.2
150 153.0 0.0 311.8



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

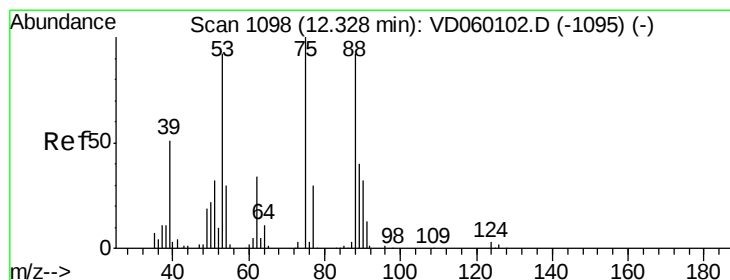
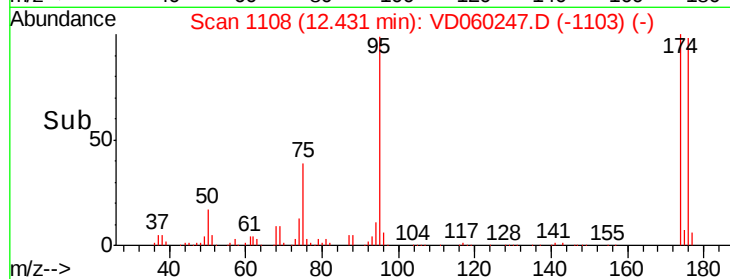
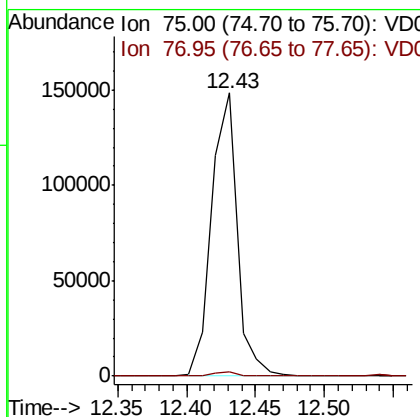
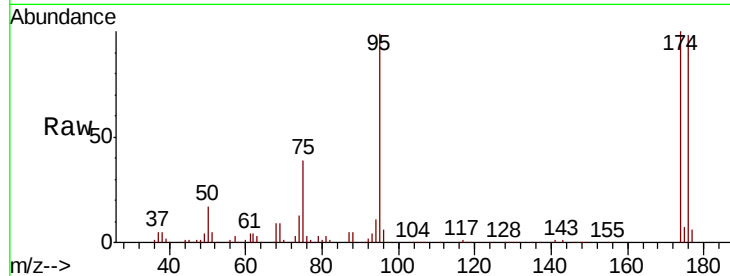




#76
 1,2,3-Trichloropropane
 Concen: 26.310 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.15 min
 Lab File: VD060247.D
 Acq: 31 Oct 2018 17:48

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-103018-B

Tot Ion: 75 Resp: 190398
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.953 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060247.D
 Acq: 31 Oct 2018 17:48

Tgt Ion: 75 Resp: 191047
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

