

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060210.D
 Acq On : 25 Oct 2018 22:20
 Operator : JC/SY
 Sample : J5204-15
 Misc : 6.19g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-102518-B

Quant Time: Oct 26 03:45:10 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

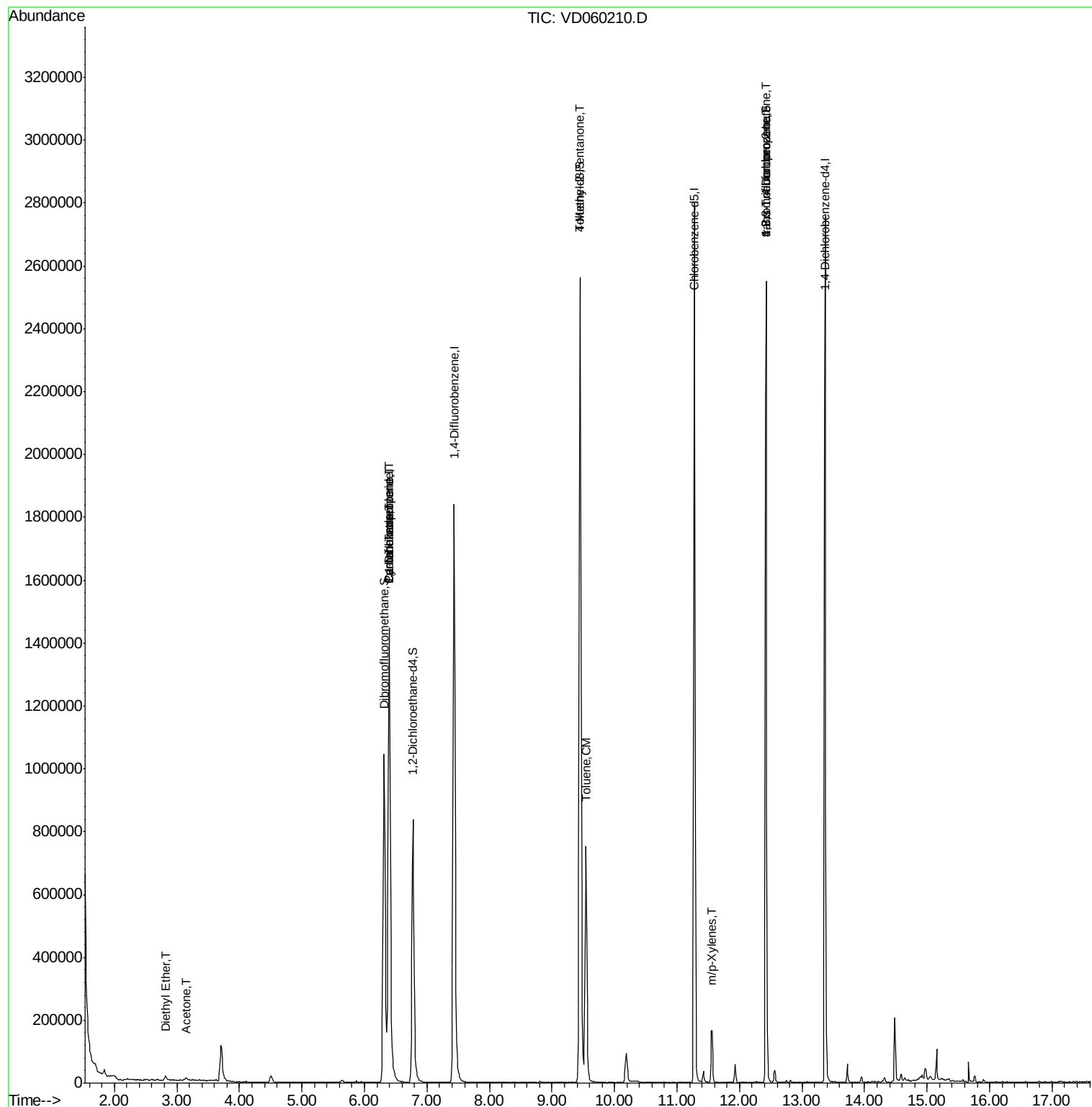
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1418667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	1985940	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.27	117	1514254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	653673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	670693	62.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	124.74%	
35) Dibromofluoromethane	6.31	113	825510	54.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	9.44	98	2165113	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.43	95	754773	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.81	74	5057	2.086	ug/l	92
16) Acetone	3.15	43	21055	10.790	ug/l	100
31) Cyclohexane	6.39	56	26606	1.142	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	103235	5.440	ug/l #	46
38) Carbon Tetrachloride	6.39	117	111578	6.478	ug/l #	16
51) 4-Methyl-2-Pentanone	9.44	43	11339	1.085	ug/l #	1
52) Toluene	9.54	92	380812	11.910	ug/l	99
68) m/p-Xylenes	11.56	106	50997	2.572	ug/l	94
76) 1,2,3-Trichloropropane	12.42	75	277347	29.462	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.42	75	312475	118.132	ug/l #	13

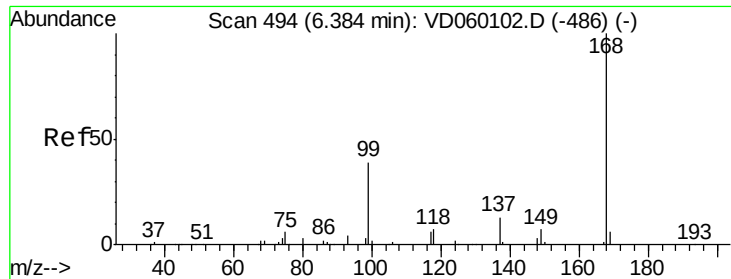
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
Data File : VD060210.D
Acq On : 25 Oct 2018 22:20
Operator : JC/SY
Sample : J5204-15
Misc : 6.19g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-102518-B

Quant Time: Oct 26 03:45:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
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: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

Instrument :

MSVOA_D

ClientSampleId :

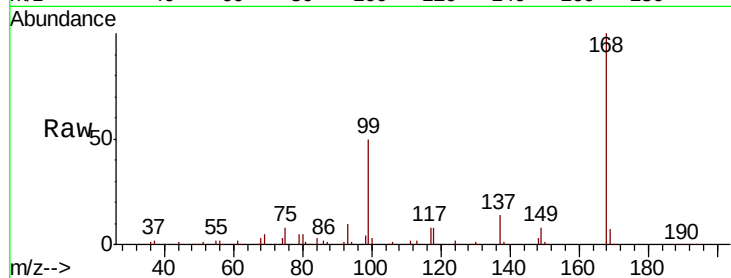
SU-01-102518-B

Tot Ion:168 Resp: 1418667

Ion Ratio Lower Upper

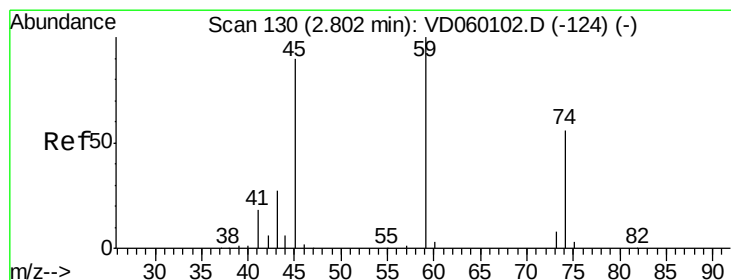
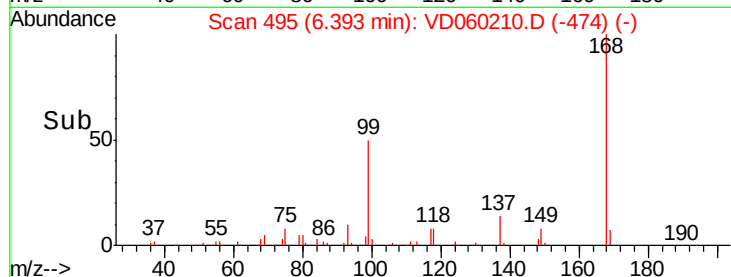
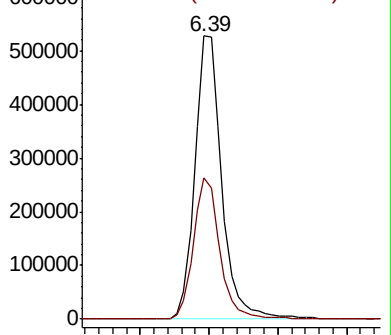
168 100

99 49.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.086 ug/l

RT: 2.81 min Scan# 131

Delta R.T. 0.01 min

Lab File: VD060210.D

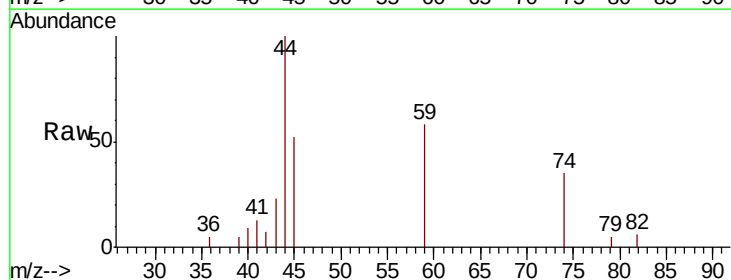
Acq: 25 Oct 2018 22:20

Tgt Ion: 74 Resp: 5057

Ion Ratio Lower Upper

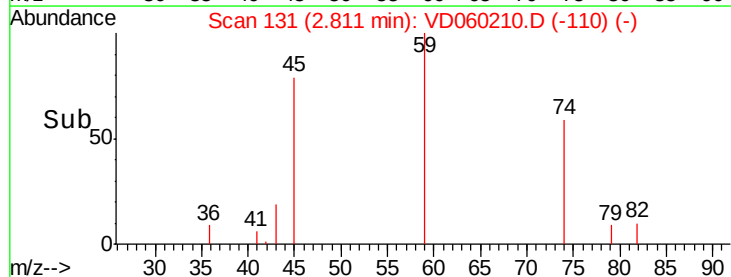
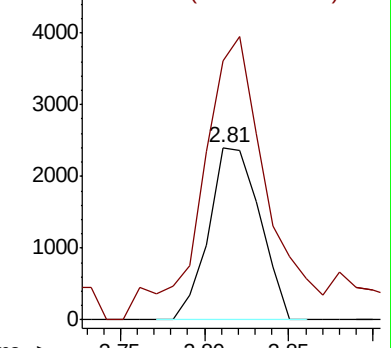
74 100

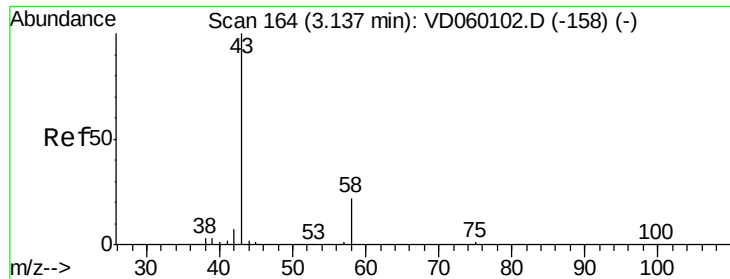
45 150.4 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 10.790 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

Instrument :

MSVOA_D

ClientSampleId :

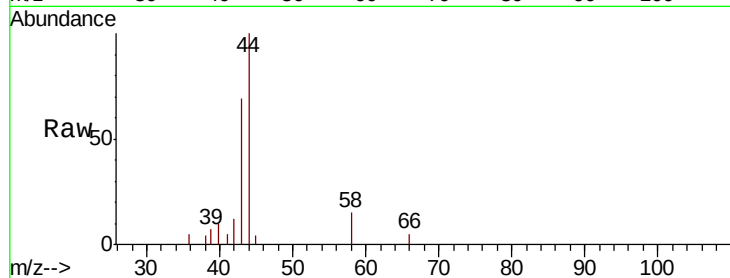
SU-01-102518-B

Tot Ion: 43 Resp: 21055

Ion Ratio Lower Upper

43 100

58 22.0 17.7 26.5

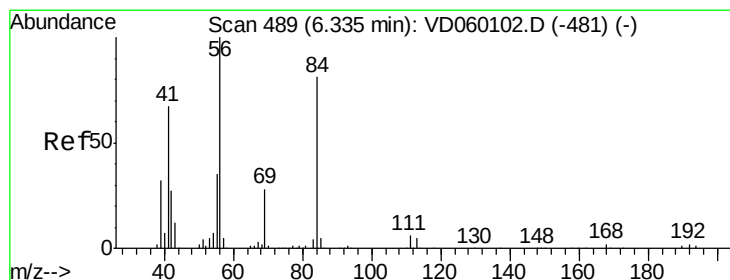
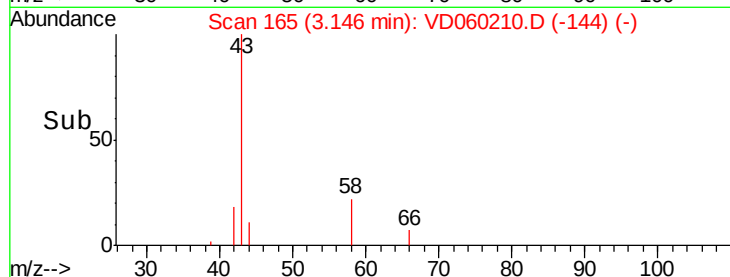


Abundance Ion 42.95 (42.65 to 43.65): VD060210.D (-158) (-)

Ion 57.95 (57.65 to 58.65): VD060210.D (-158) (-)

3.15

Time-->



#31

Cyclohexane

Concen: 1.142 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.06 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

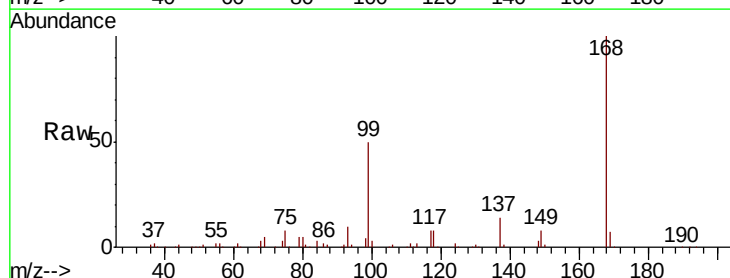
Tgt Ion: 56 Resp: 26606

Ion Ratio Lower Upper

56 100

69 253.9 22.8 34.2#

84 183.9 64.9 97.3#



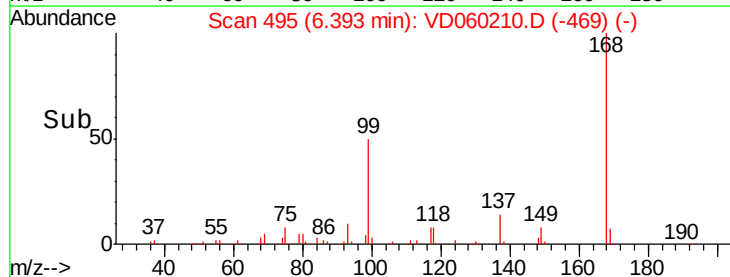
Abundance Ion 55.95 (55.65 to 56.65): VD060210.D (-481) (-)

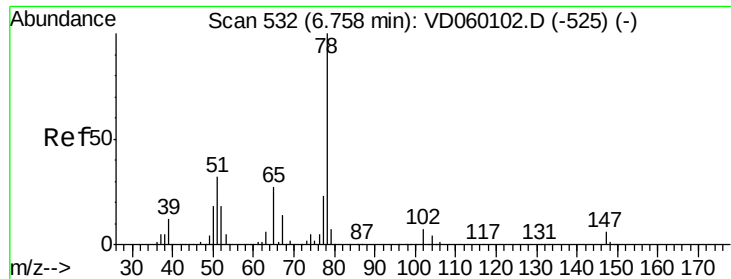
Ion 69.00 (68.70 to 69.70): VD060210.D (-481) (-)

Ion 84.05 (83.75 to 84.75): VD060210.D (-481) (-)

6.39

Time-->

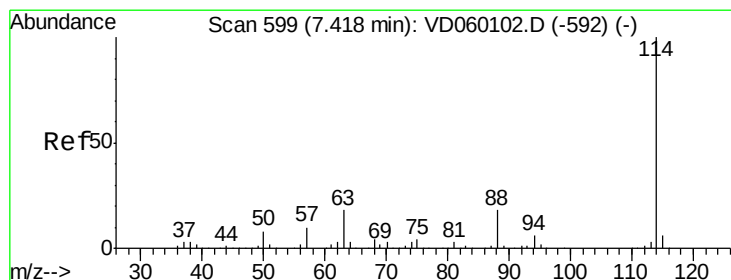
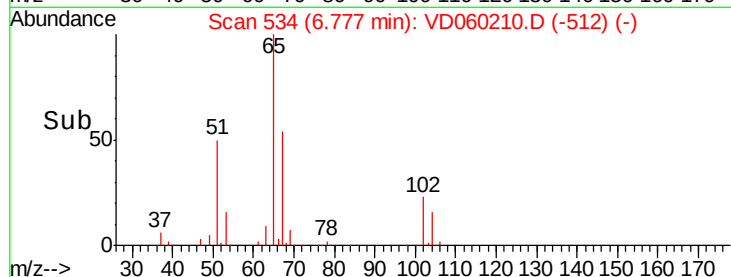
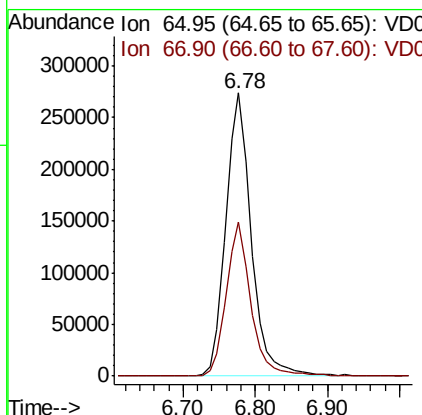
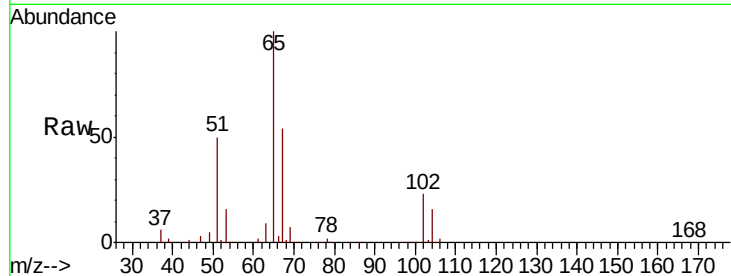




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060210.D
 Acq: 25 Oct 2018 22:20

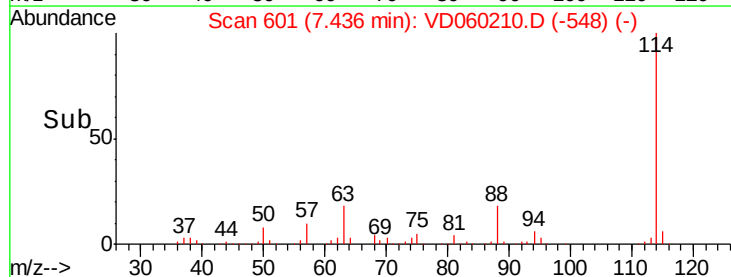
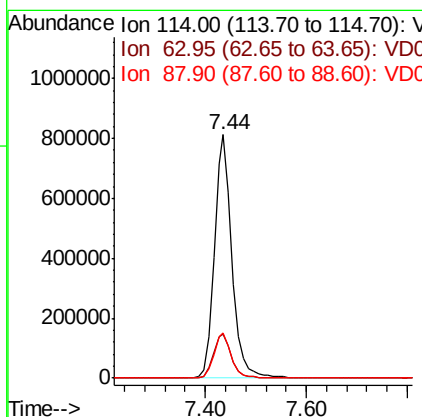
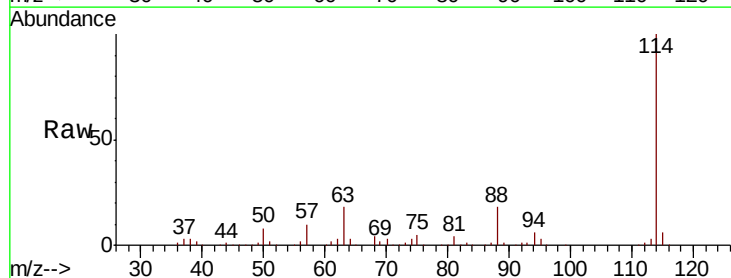
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-102518-B

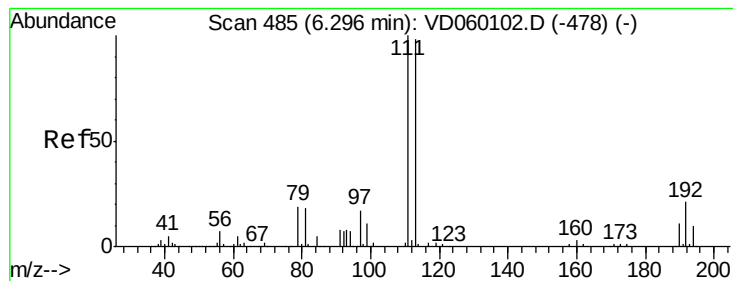
Tot Ion: 65 Resp: 670693
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060210.D
 Acq: 25 Oct 2018 22:20

Tgt Ion: 114 Resp: 1985940
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 18.5 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

Instrument :

MSVOA_D

ClientSampleId :

SU-01-102518-B

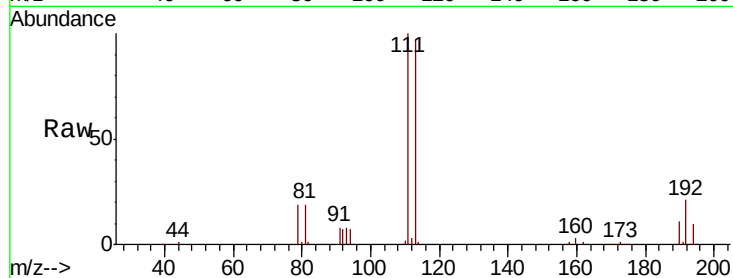
Tot Ion:113 Resp: 825510

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

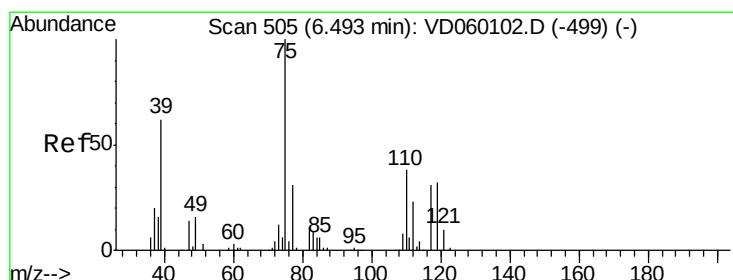
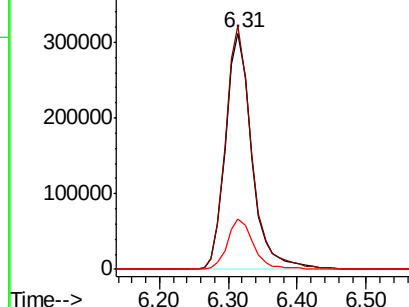
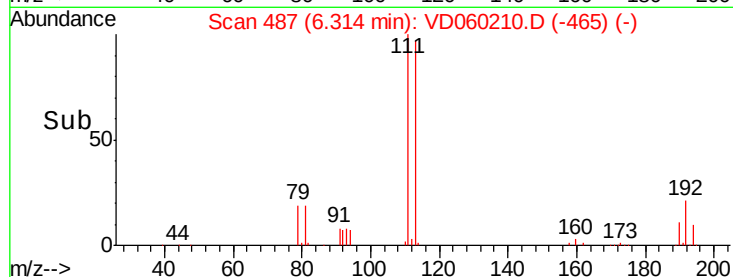
192 21.6 17.4 26.0



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: 5.440 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.10 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

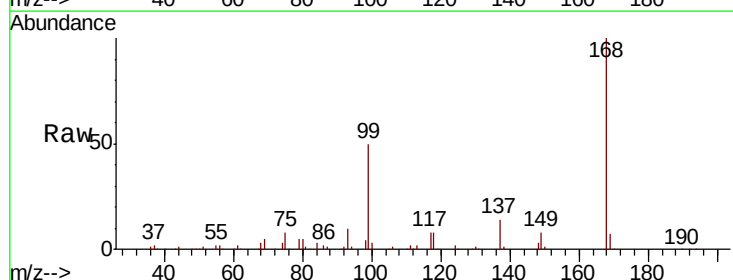
Tgt Ion: 75 Resp: 103235

Ion Ratio Lower Upper

75 100

110 6.5 19.0 57.0#

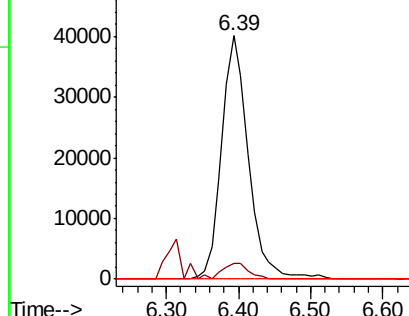
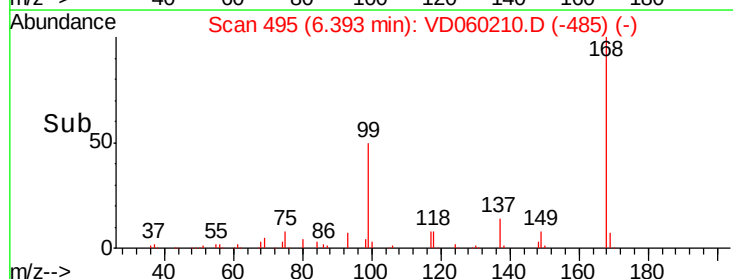
77 0.0 24.9 37.3#

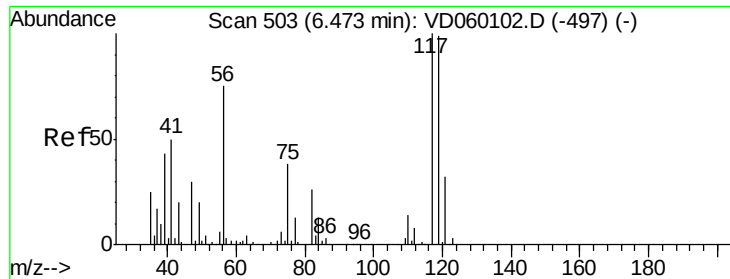


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.478 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.08 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

Instrument :

MSVOA_D

ClientSampleId :

SU-01-102518-B

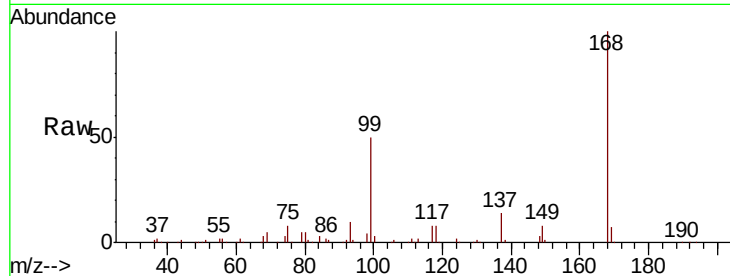
Tot Ion:117 Resp: 111578

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.6#

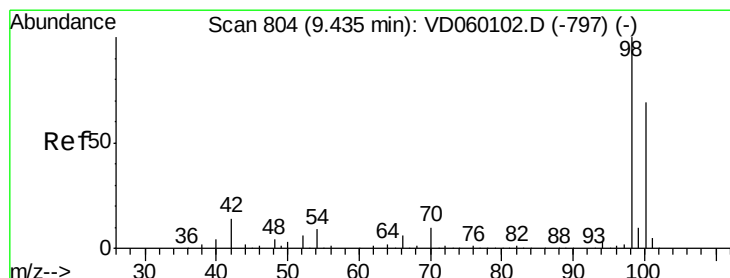
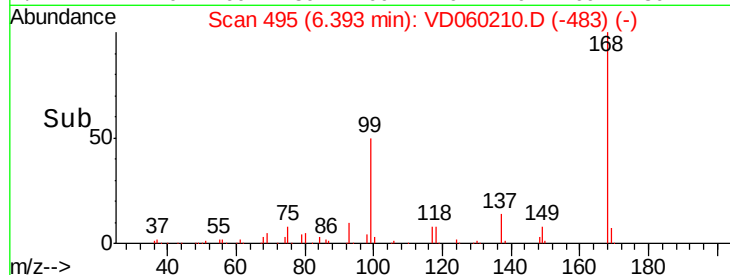
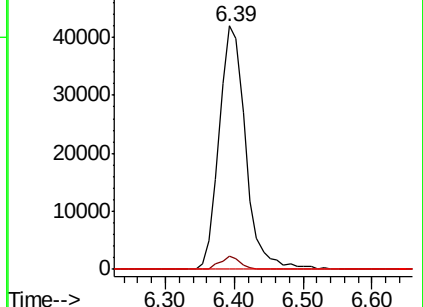
121 0.0 24.8 37.2#



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: 9.44 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060210.D

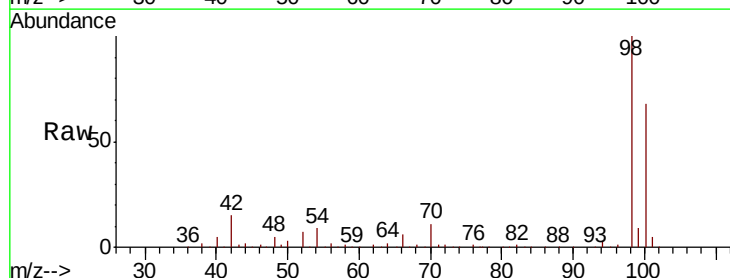
Acq: 25 Oct 2018 22:20

Tgt Ion: 98 Resp: 2165113

Ion Ratio Lower Upper

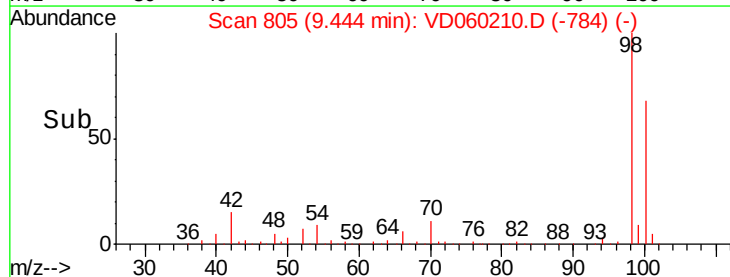
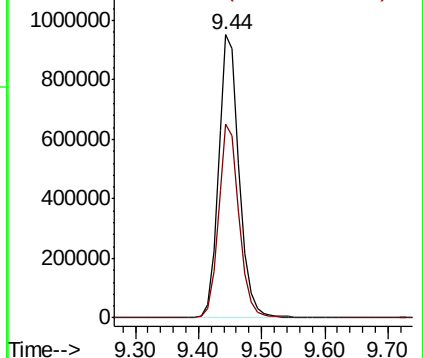
98 100

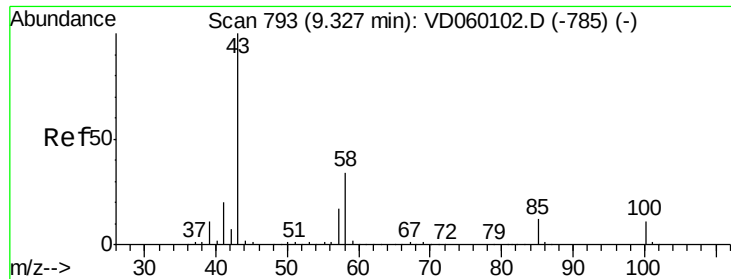
100 68.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.085 ug/l

RT: 9.44 min Scan# 805

Delta R.T. 0.12 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

Instrument :

MSVOA_D

ClientSampleId :

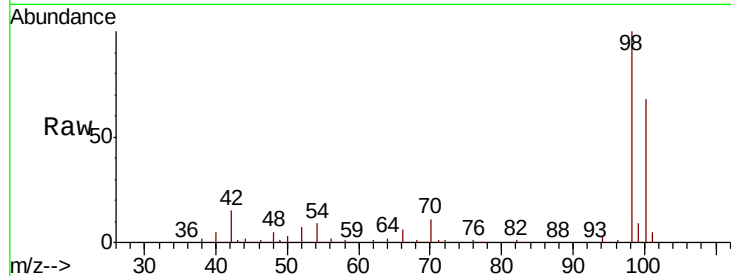
SU-01-102518-B

Tot Ion: 43 Resp: 11339

Ion Ratio Lower Upper

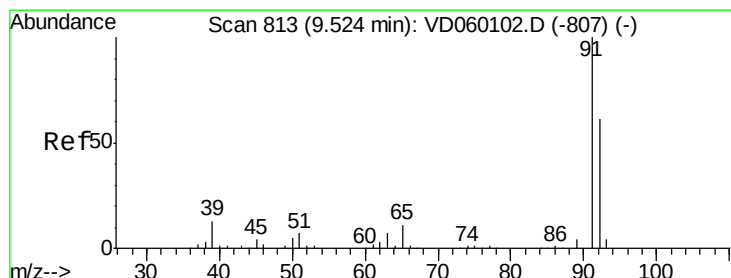
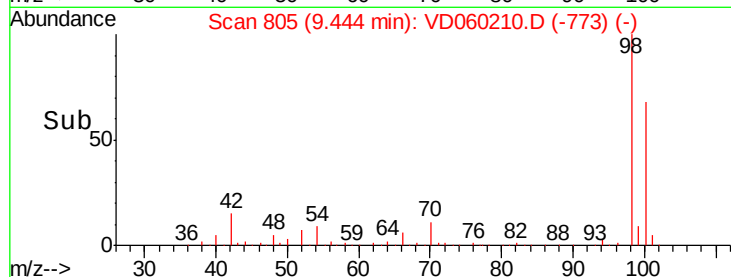
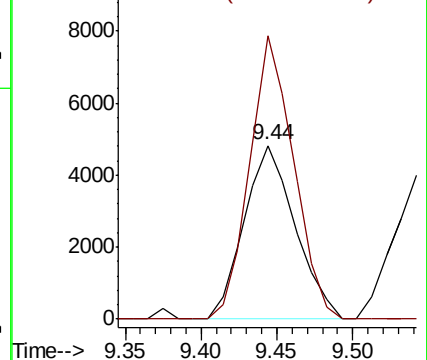
43 100

58 163.4 27.2 40.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 11.910 ug/l

RT: 9.54 min Scan# 815

Delta R.T. 0.02 min

Lab File: VD060210.D

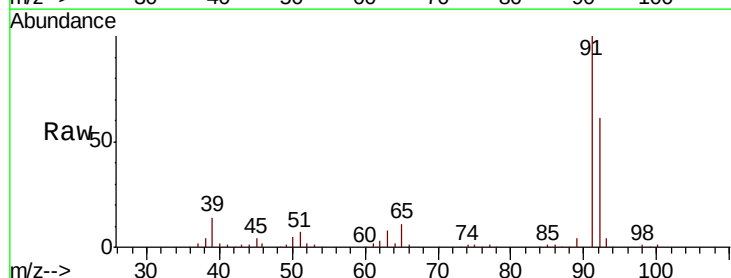
Acq: 25 Oct 2018 22:20

Tgt Ion: 92 Resp: 380812

Ion Ratio Lower Upper

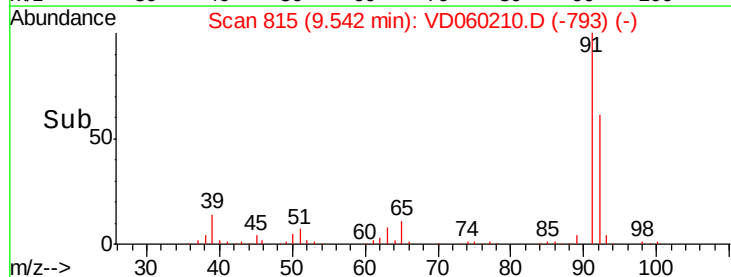
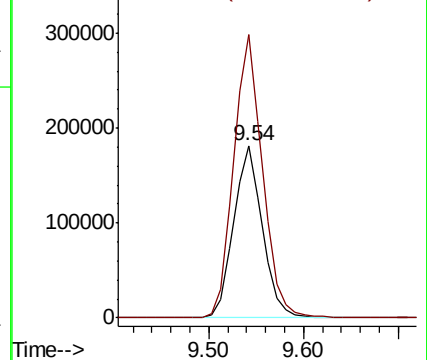
92 100

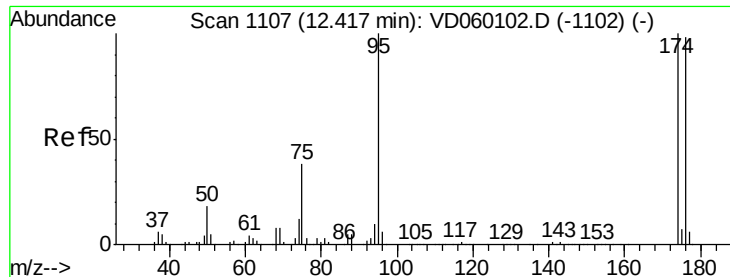
91 164.1 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

Instrument :

MSVOA_D

ClientSampleId :

SU-01-102518-B

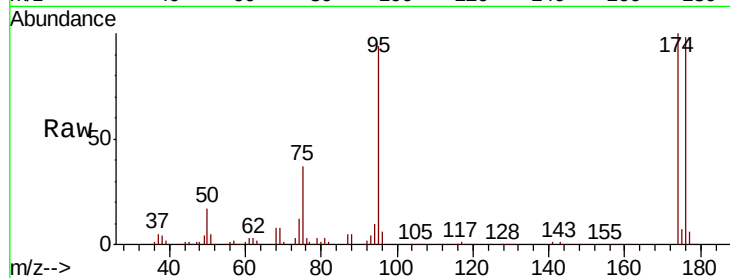
Tot Ion: 95 Resp: 754773

Ion Ratio Lower Upper

95 100

174 105.9 0.0 200.2

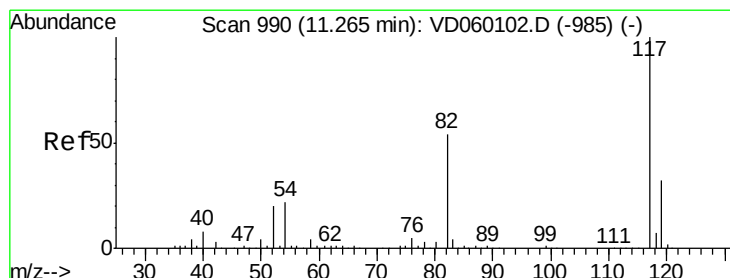
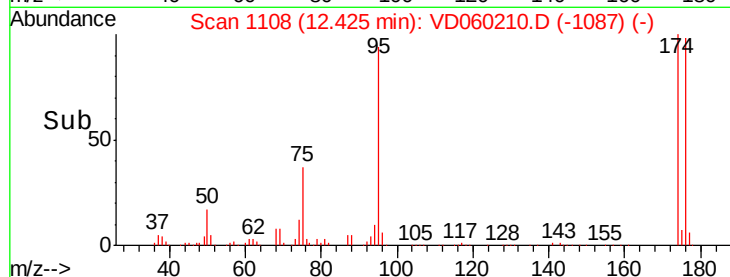
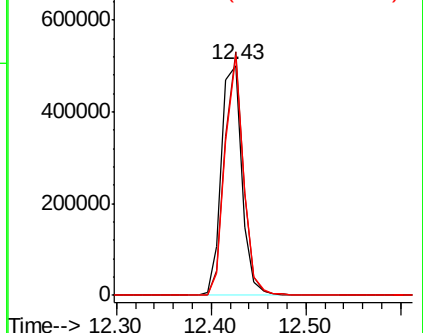
176 104.2 0.0 195.6



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: 11.27 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060210.D

Acq: 25 Oct 2018 22:20

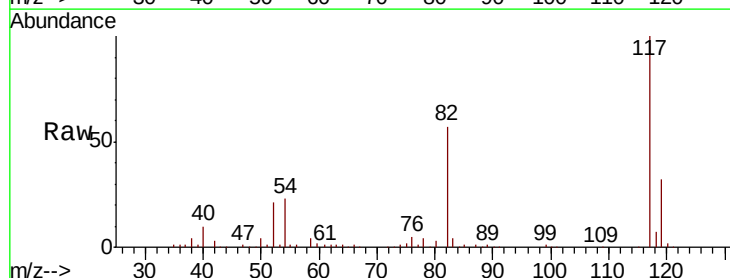
Tgt Ion: 117 Resp: 1514254

Ion Ratio Lower Upper

117 100

82 57.4 43.4 65.2

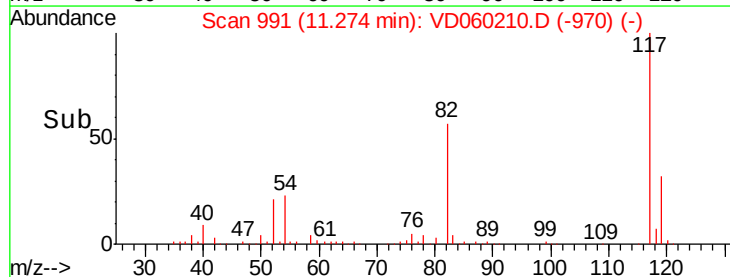
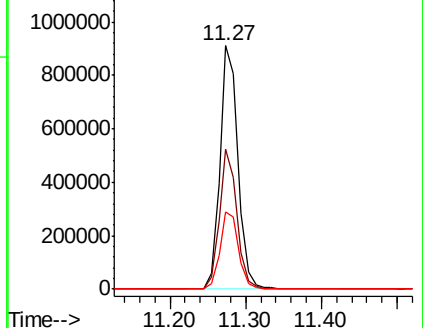
119 31.9 26.0 39.0

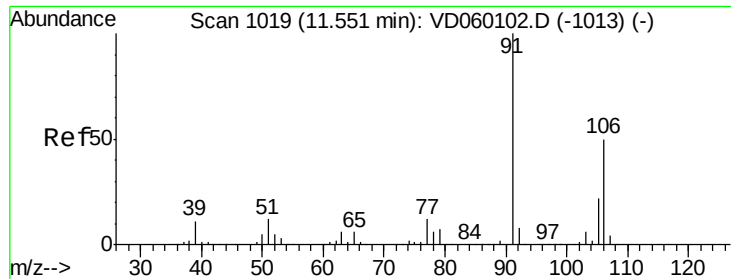


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

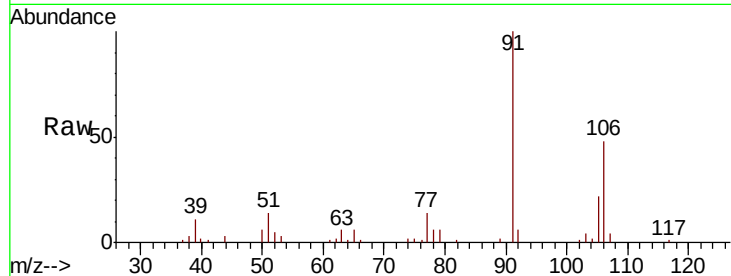




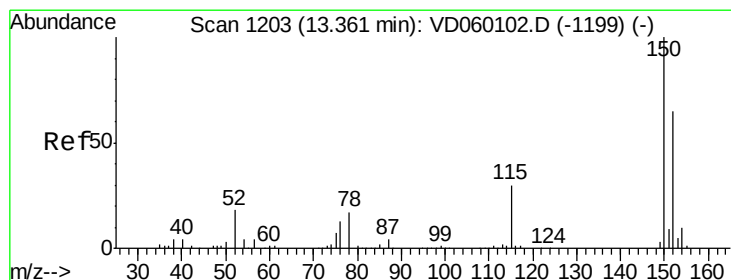
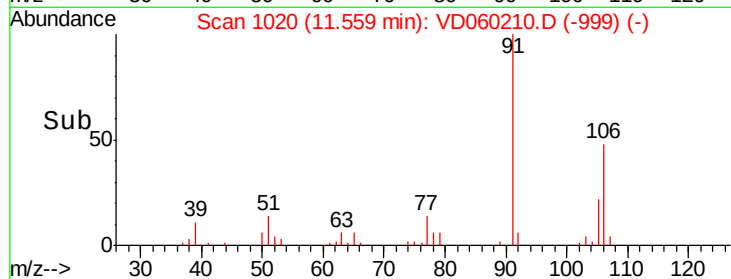
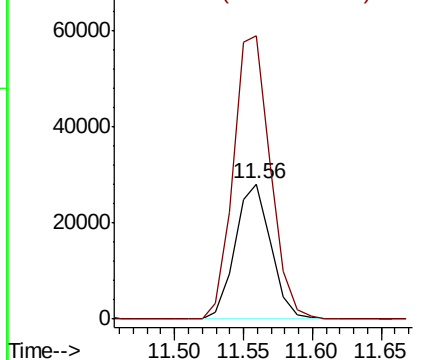
#68
m/p-Xylenes
Concen: 2.572 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060210.D
Acq: 25 Oct 2018 22:20

Instrument :
MSVOA_D
ClientSampleId :
SU-01-102518-B

Tot Ion:106 Resp: 50997
Ion Ratio Lower Upper
106 100
91 209.3 160.0 240.0

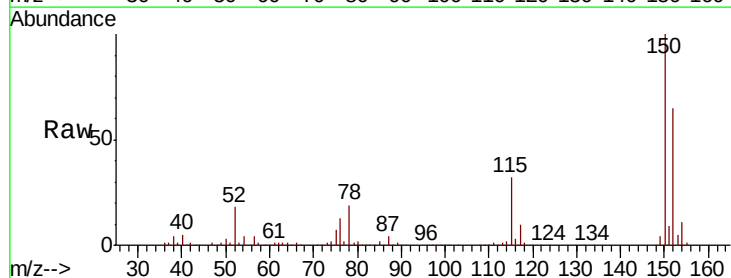


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

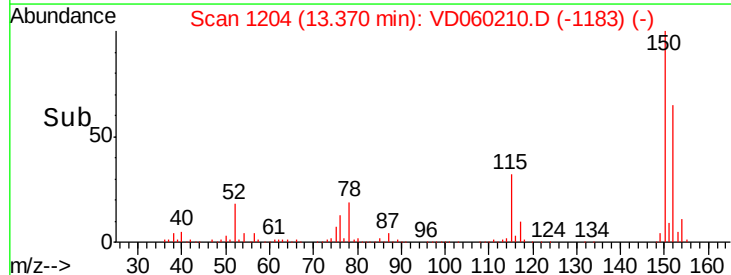
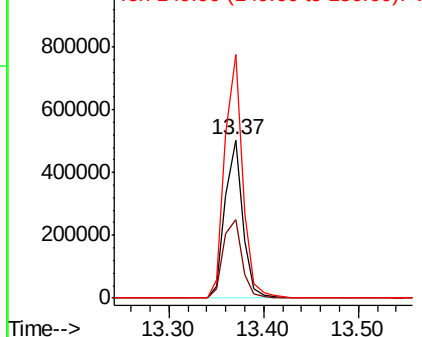


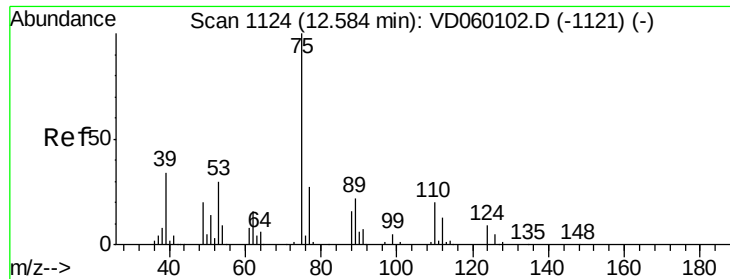
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060210.D
Acq: 25 Oct 2018 22:20

Tgt Ion:152 Resp: 653673
Ion Ratio Lower Upper
152 100
115 49.6 27.1 81.2
150 153.7 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

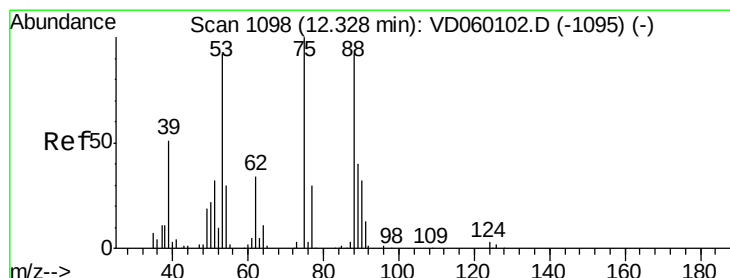
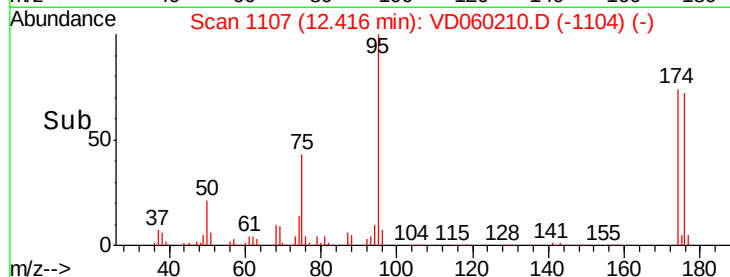
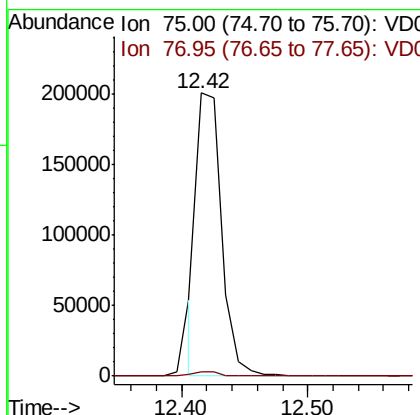
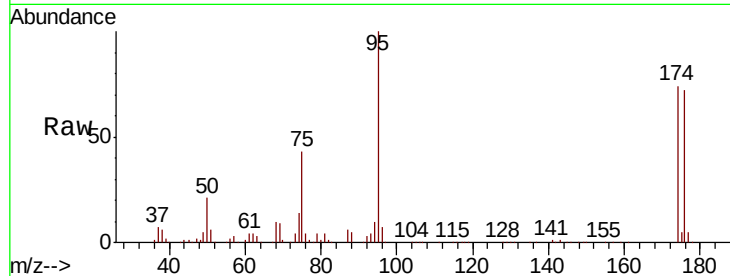




#76
 1,2,3-Trichloropropane
 Concen: 29.462 ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. -0.17 min
 Lab File: VD060210.D
 Acq: 25 Oct 2018 22:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-102518-B

Tot Ion: 75 Resp: 277347
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.132 ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. 0.09 min
 Lab File: VD060210.D
 Acq: 25 Oct 2018 22:20

Tgt Ion: 75 Resp: 312475
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

