

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102618\
 Data File : VD060220.D
 Acq On : 26 Oct 2018 17:04
 Operator : JC/SY
 Sample : J5658-09RE
 Misc : 5.09g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-007

Quant Time: Oct 26 23:43:27 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

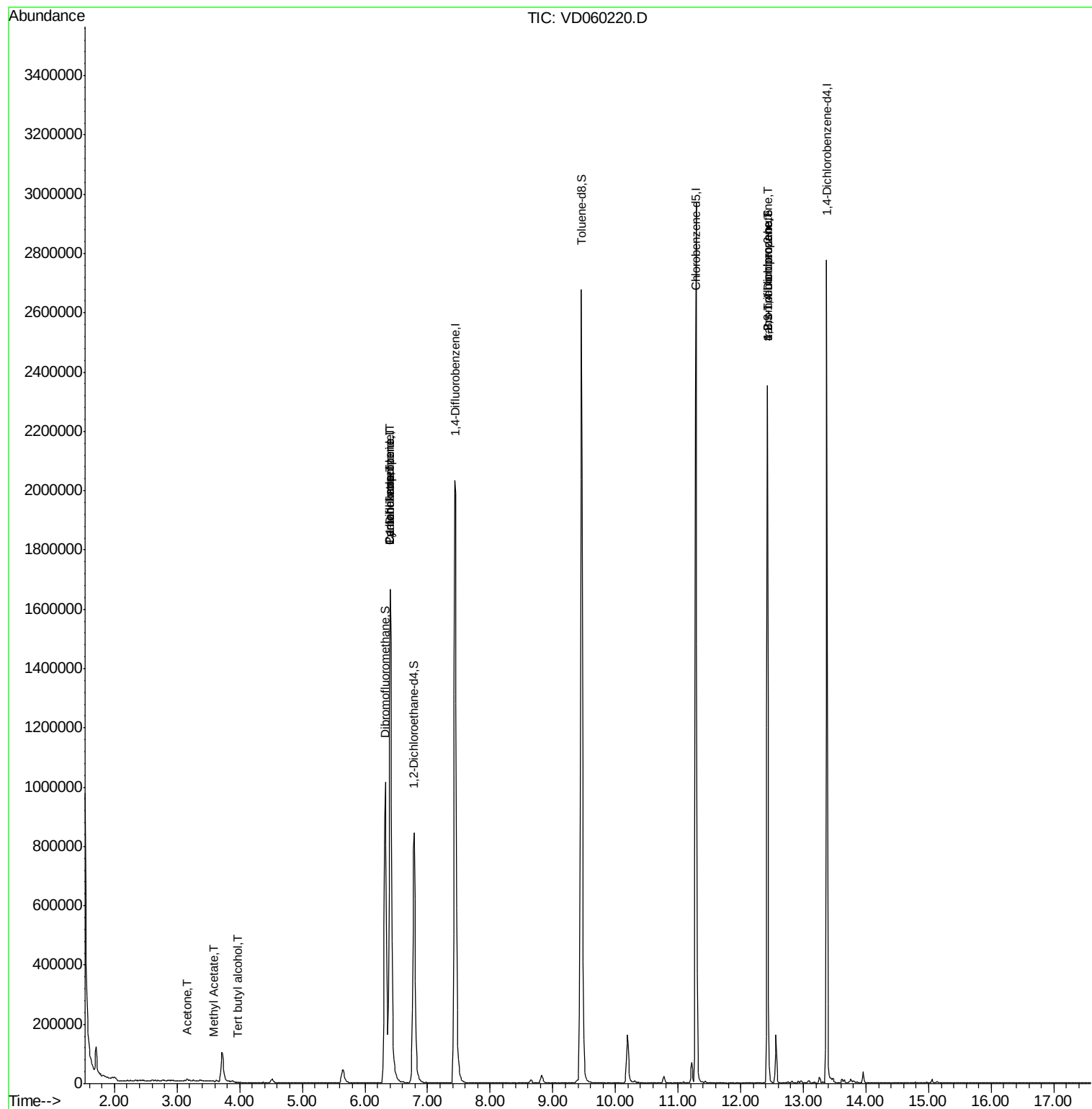
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1599832	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2183944	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1592329	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	616410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	644830	53.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	6.32	113	809321	48.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	9.45	98	2107720	44.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	12.43	95	639940	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.96	59	2149	2.471	ug/l #	74
16) Acetone	3.16	43	14290	6.494	ug/l #	79
18) Methyl Acetate	3.59	43	5003	1.058	ug/l #	63
20) Methylene Chloride	3.73	84	65050	Below Cal		95
31) Cyclohexane	6.40	56	31609	1.203	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	117921	5.650	ug/l #	47
38) Carbon Tetrachloride	6.40	117	125983	6.651	ug/l #	16
76) 1,2,3-Trichloropropane	12.43	75	255378	28.768	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	266347	106.781	ug/l #	13

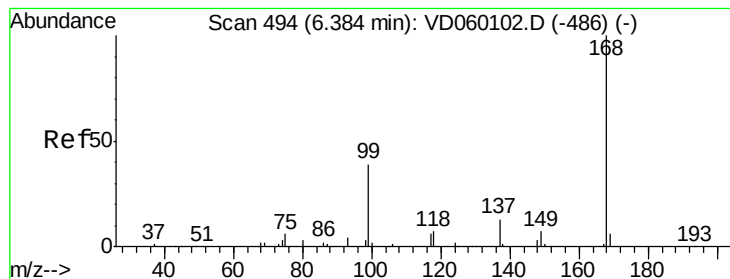
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD102618\
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JC-TS-007

Quant Time: Oct 26 23:43:27 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: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

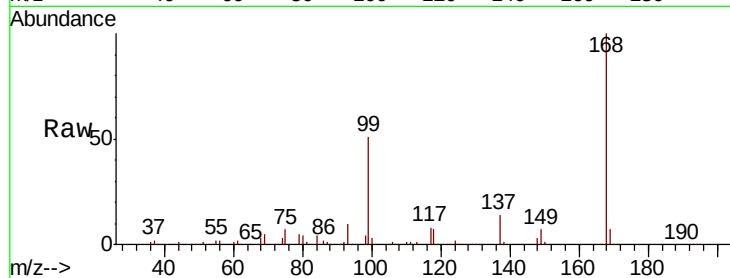
JC-TS-007

Tgt Ion:168 Resp: 1599832

Ion Ratio Lower Upper

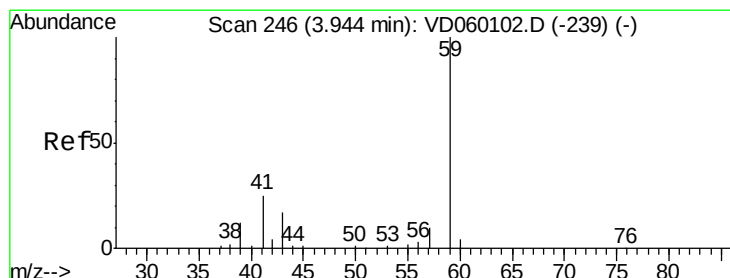
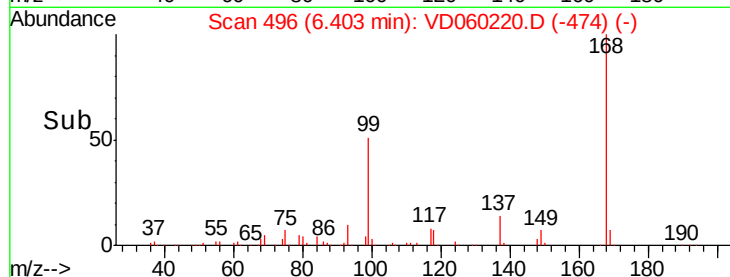
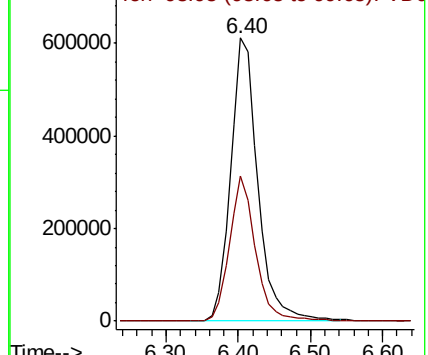
168 100

99 51.1 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 2.471 ug/l

RT: 3.96 min Scan# 248

Delta R.T. 0.02 min

Lab File: VD060220.D

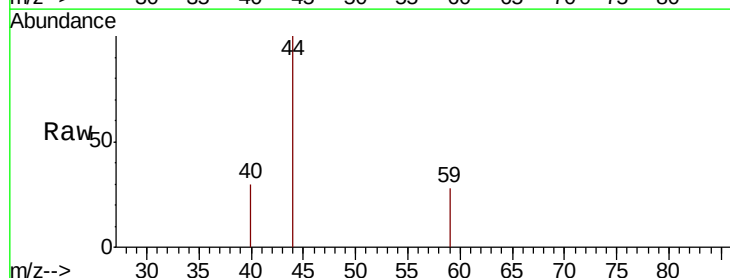
Acq: 26 Oct 2018 17:04

Tgt Ion: 59 Resp: 2149

Ion Ratio Lower Upper

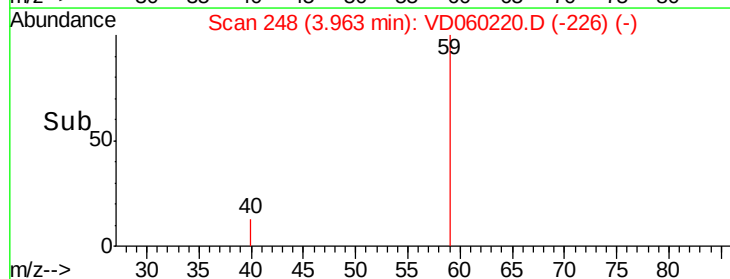
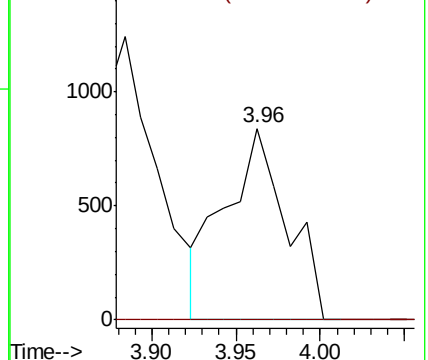
59 100

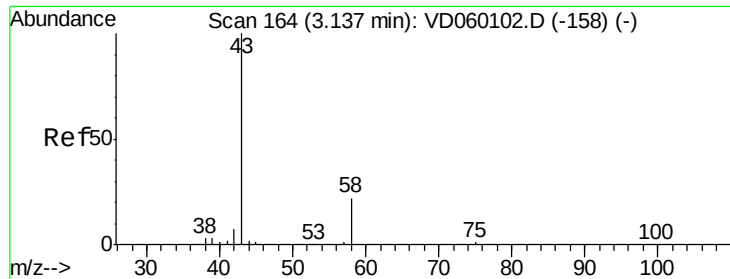
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 6.494 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

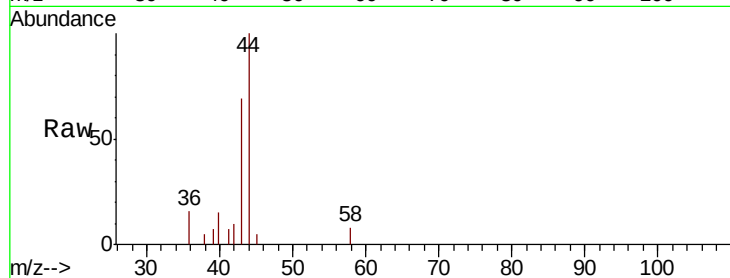
JC-TS-007

Tgt Ion: 43 Resp: 14290

Ion Ratio Lower Upper

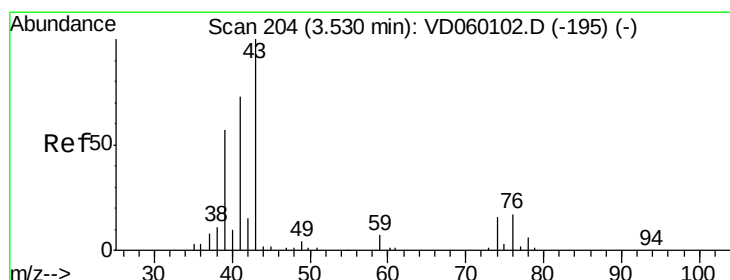
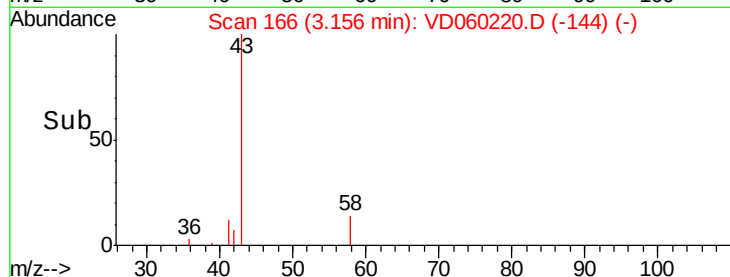
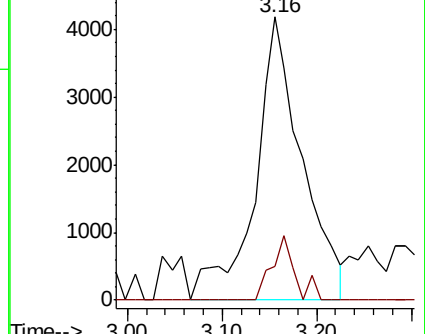
43 100

58 12.1 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: 1.058 ug/l

RT: 3.59 min Scan# 210

Delta R.T. 0.06 min

Lab File: VD060220.D

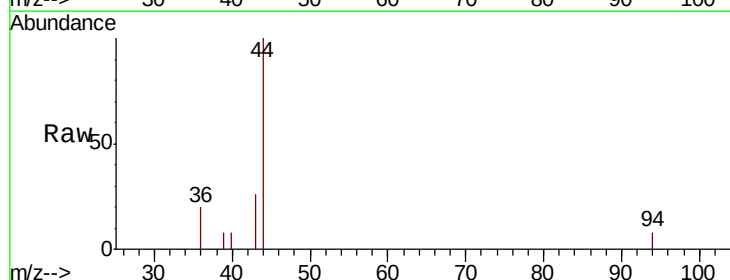
Acq: 26 Oct 2018 17:04

Tgt Ion: 43 Resp: 5003

Ion Ratio Lower Upper

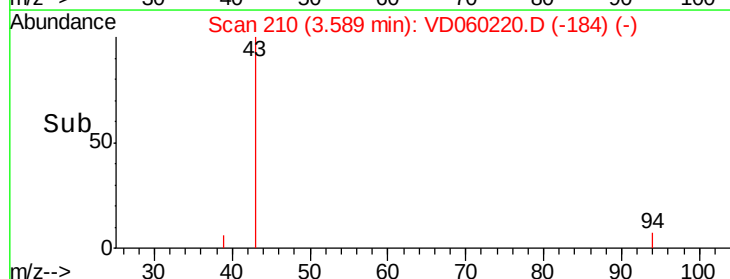
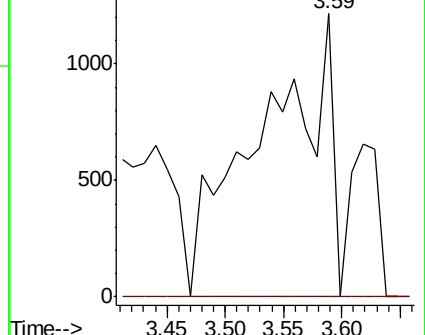
43 100

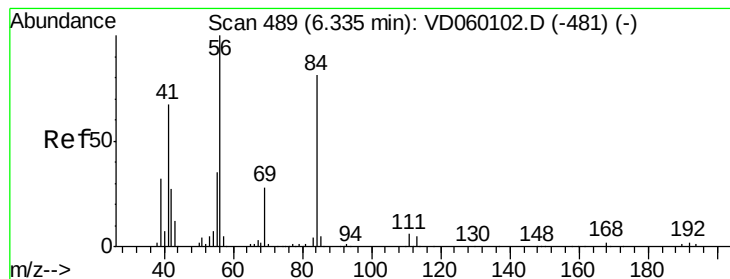
74 0.0 12.6 19.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#31

Cyclohexane

Concen: 1.203 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.07 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-007

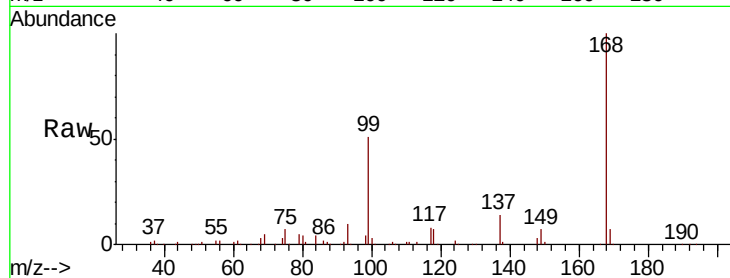
Tgt Ion: 56 Resp: 31609

Ion Ratio Lower Upper

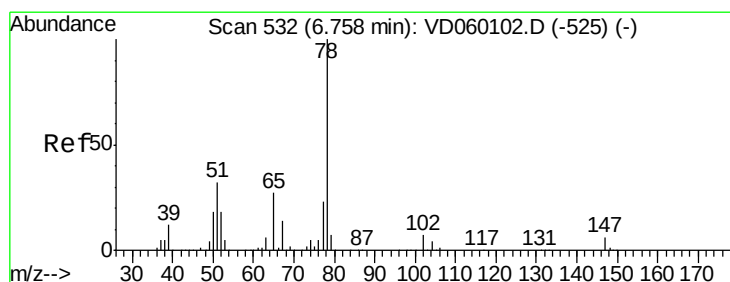
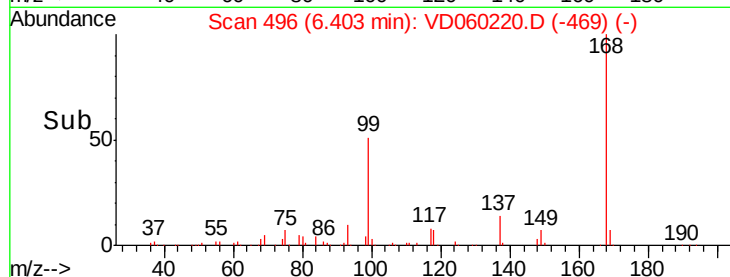
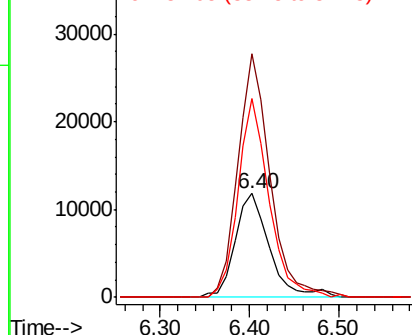
56 100

69 234.5 22.8 34.2#

84 191.9 64.9 97.3#



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: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060220.D

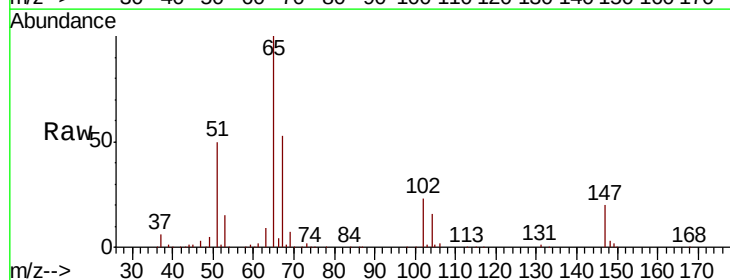
Acq: 26 Oct 2018 17:04

Tgt Ion: 65 Resp: 644830

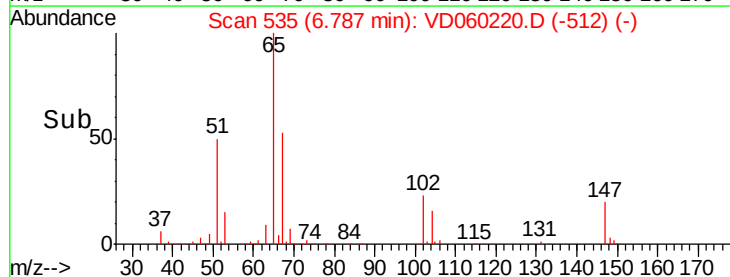
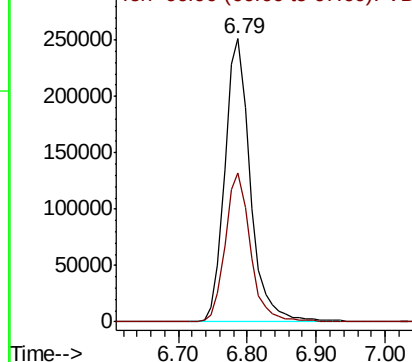
Ion Ratio Lower Upper

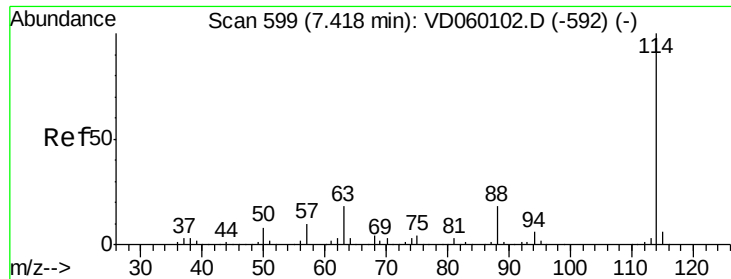
65 100

67 52.5 0.0 106.2



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

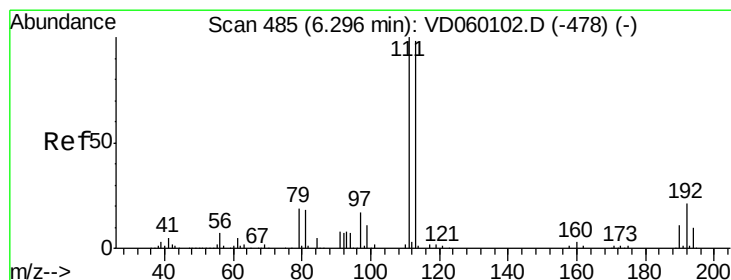
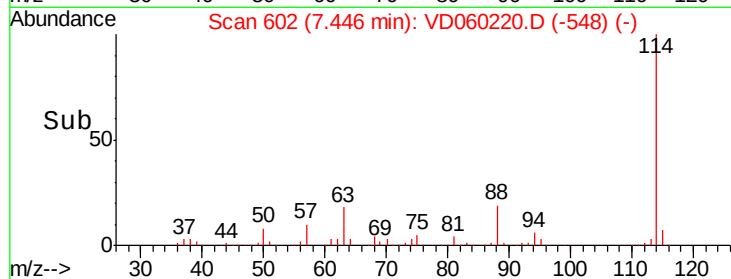
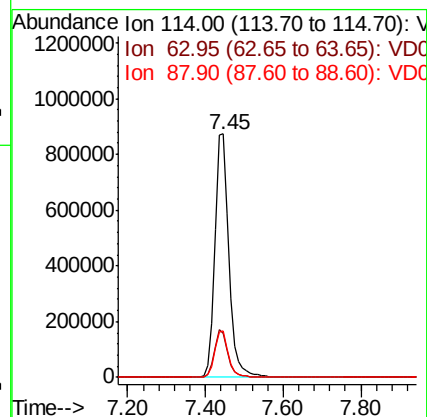
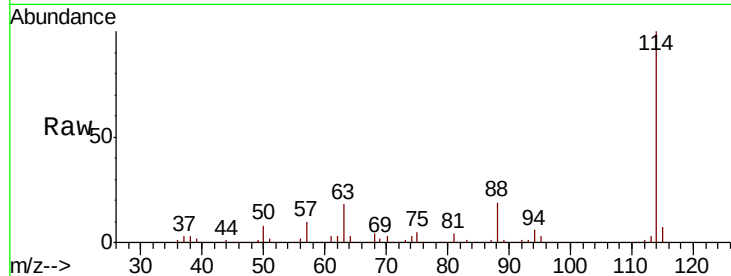




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060220.D
 Acq: 26 Oct 2018 17:04

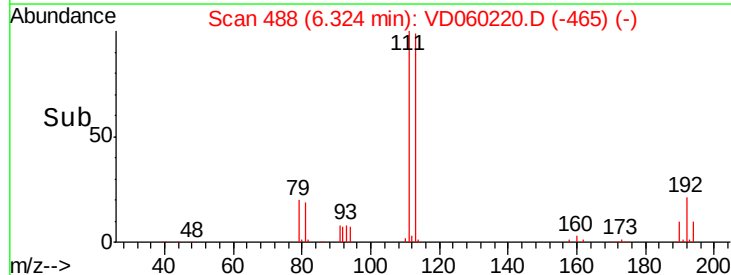
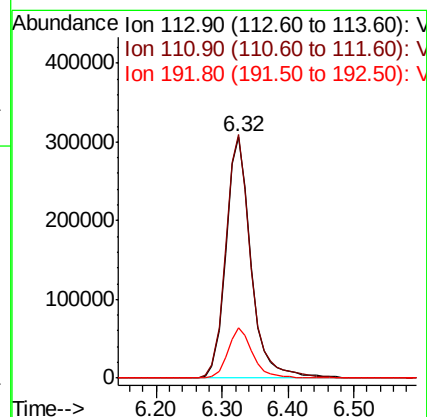
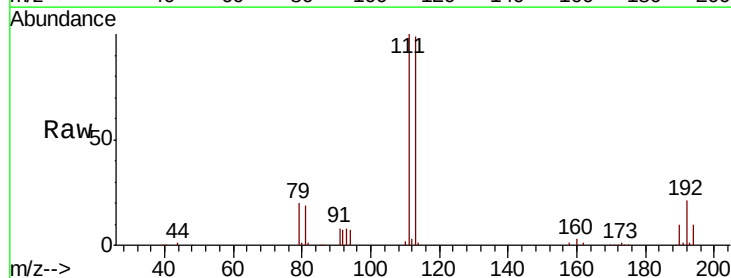
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-007

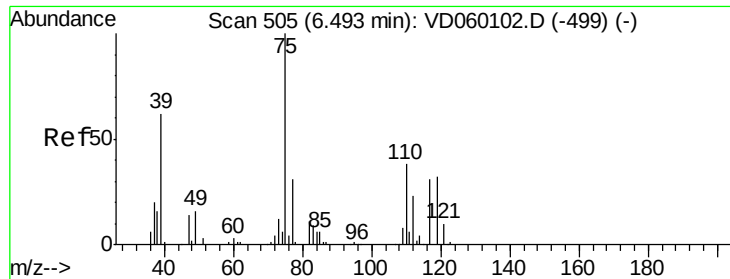
Tgt Ion:114 Resp: 2183944
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 18.9 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060220.D
 Acq: 26 Oct 2018 17:04

Tgt Ion:113 Resp: 809321
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.5 122.3
 192 21.0 17.4 26.0





#36

1,1-Dichloropropene

Concen: 5.650 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.09 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-007

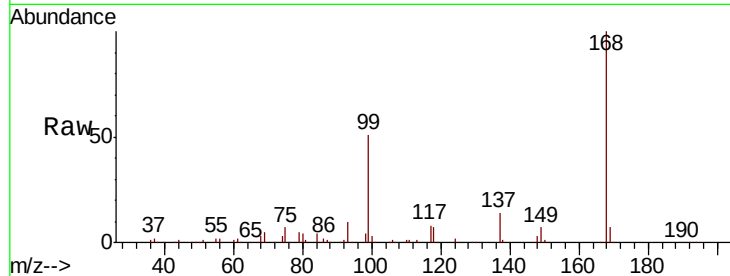
Tgt Ion: 75 Resp: 117921

Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

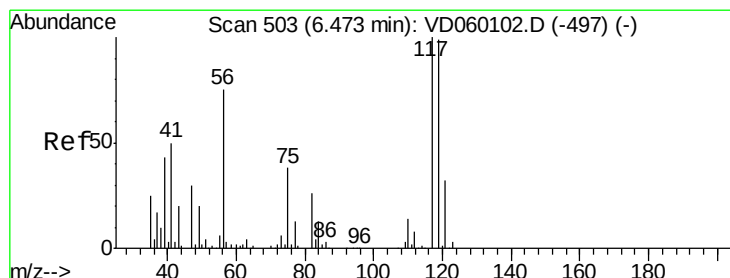
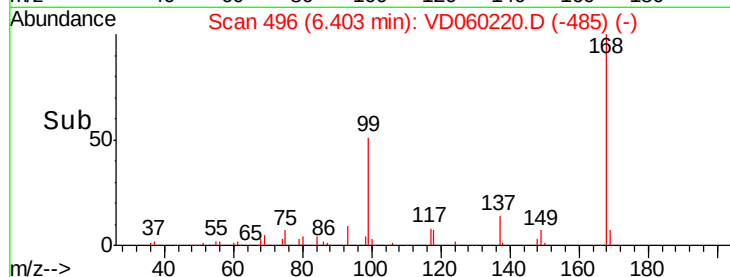
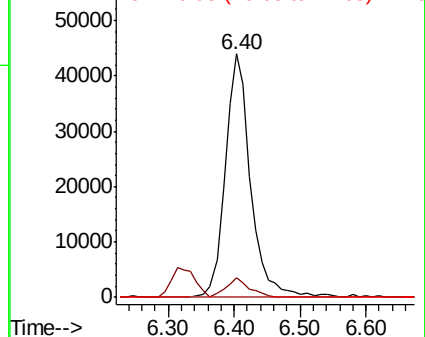
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VD060220.D (-483) (-)

Ion 109.90 (109.60 to 110.60): VD060220.D (-483) (-)

Ion 76.95 (76.65 to 77.65): VD060220.D (-483) (-)



#38

Carbon Tetrachloride

Concen: 6.651 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.07 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

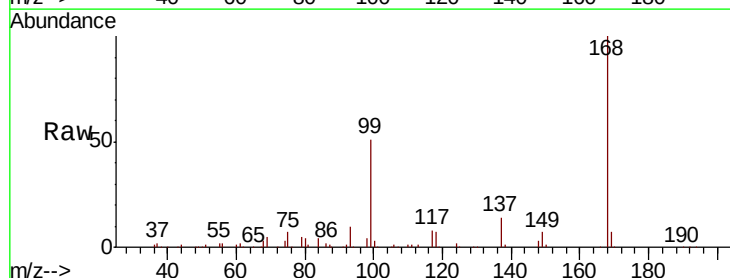
Tgt Ion: 117 Resp: 125983

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

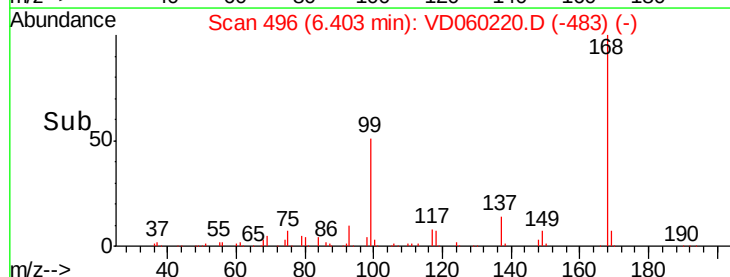
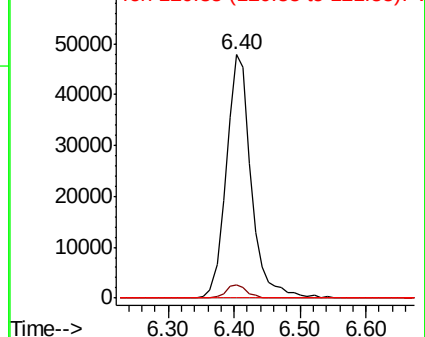
121 0.0 24.8 37.2#

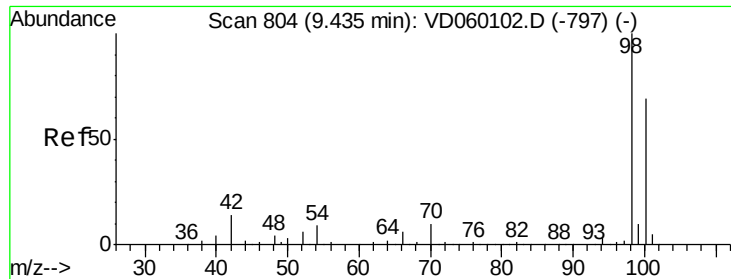


Abundance Ion 116.85 (116.55 to 117.55): VD060220.D (-483) (-)

Ion 118.85 (118.55 to 119.55): VD060220.D (-483) (-)

Ion 120.85 (120.55 to 121.55): VD060220.D (-483) (-)

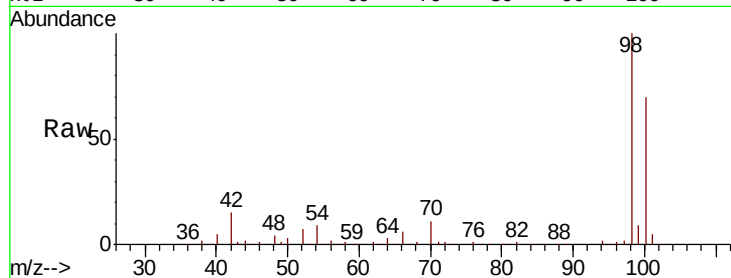




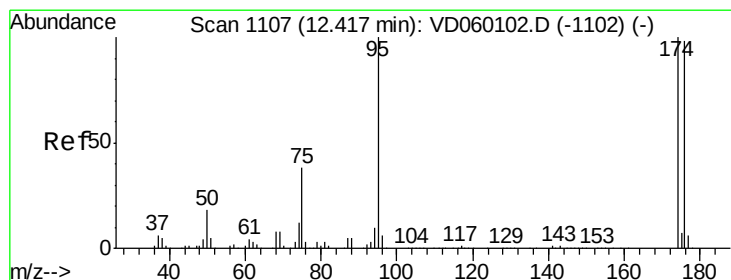
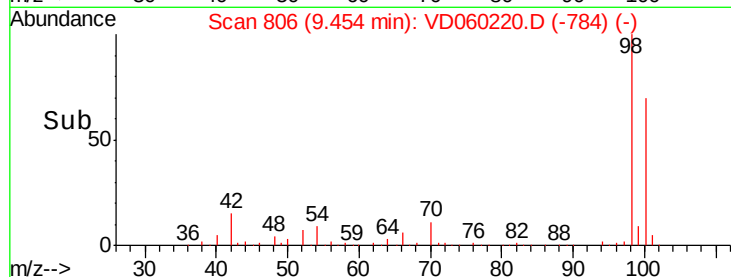
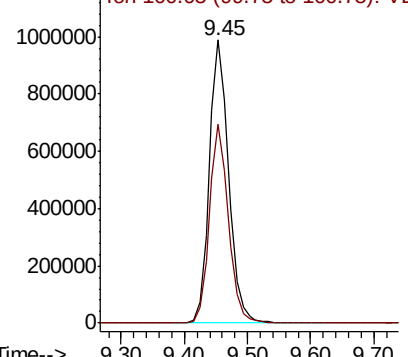
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060220.D
Acq: 26 Oct 2018 17:04

Instrument :
MSVOA_D
ClientSampled :
JC-TS-007

Tgt Ion: 98 Resp: 2107720
Ion Ratio Lower Upper
98 100
100 70.0 55.4 83.0

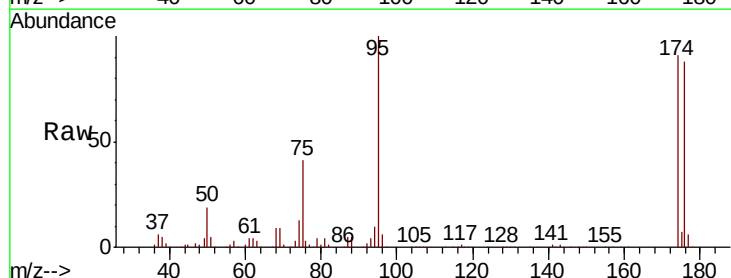


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

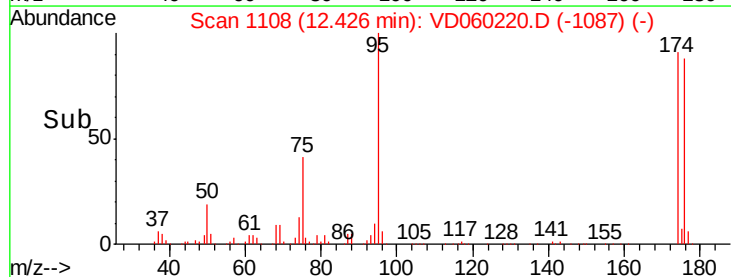
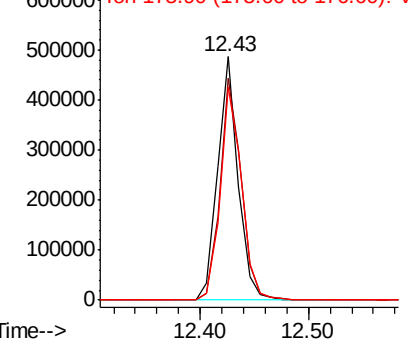


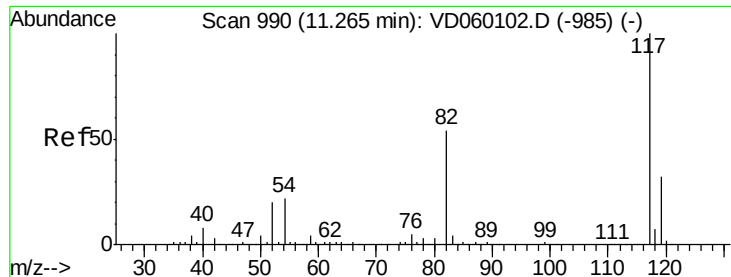
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060220.D
Acq: 26 Oct 2018 17:04

Tgt Ion: 95 Resp: 639940
Ion Ratio Lower Upper
95 100
174 91.3 0.0 200.2
176 87.5 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

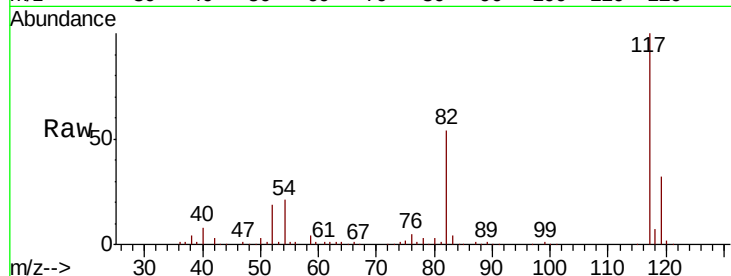




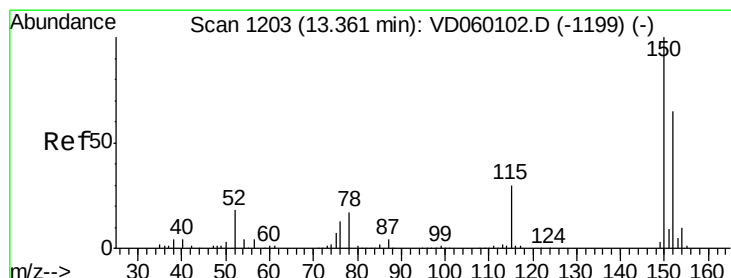
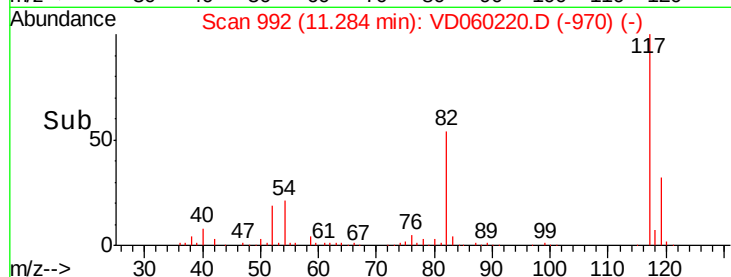
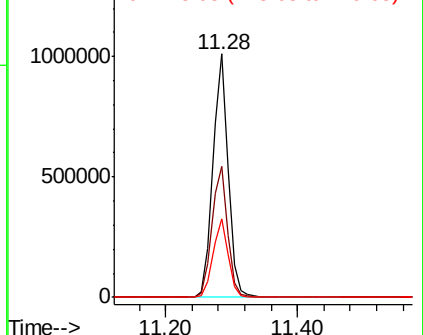
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060220.D
Acq: 26 Oct 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-007

Tgt Ion:117 Resp: 1592329
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.2
119 32.2 26.0 39.0

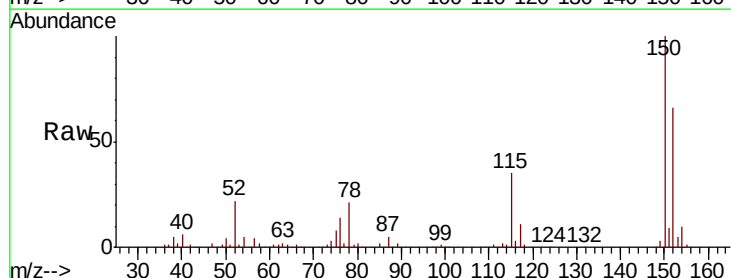


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

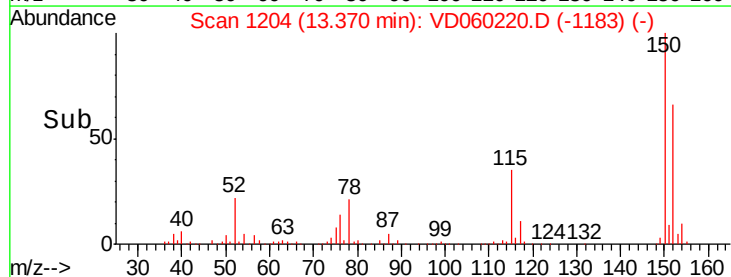
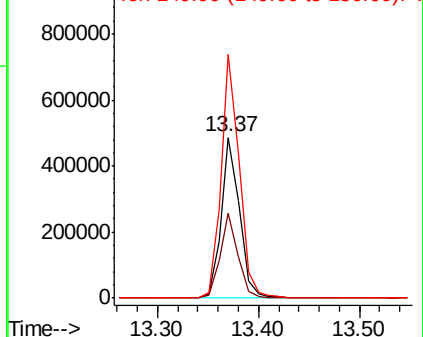


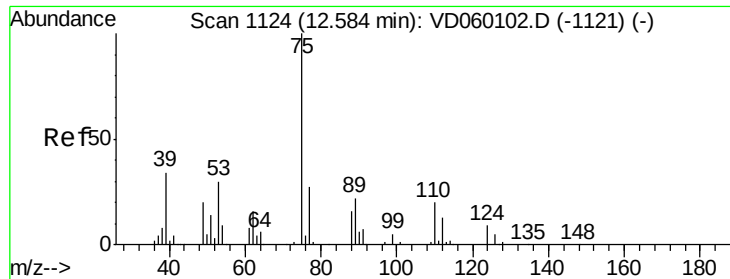
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060220.D
Acq: 26 Oct 2018 17:04

Tgt Ion:152 Resp: 616410
Ion Ratio Lower Upper
152 100
115 52.7 27.1 81.2
150 151.4 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: 28.768 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.16 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

Instrument :

MSVOA_D

ClientSampleId :

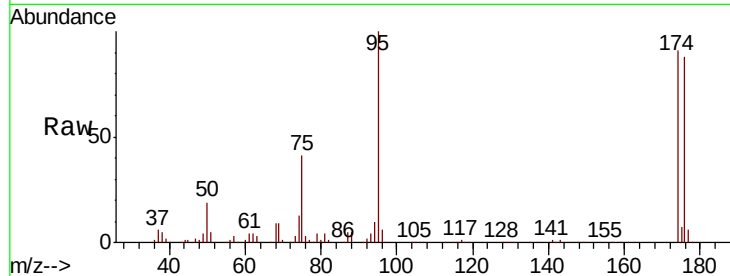
JC-TS-007

Tgt Ion: 75 Resp: 255378

Ion Ratio Lower Upper

75 100

77 1.5 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

12.43

200000

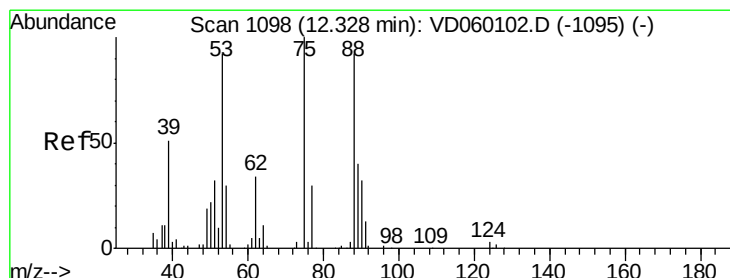
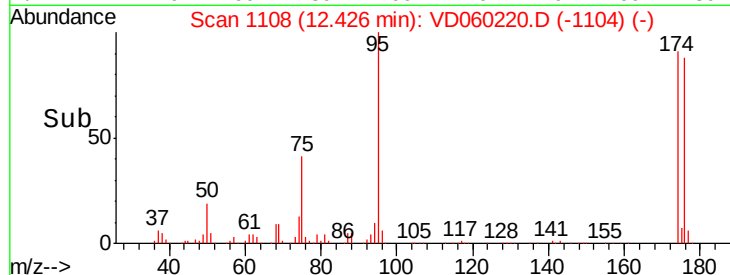
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 106.781 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060220.D

Acq: 26 Oct 2018 17:04

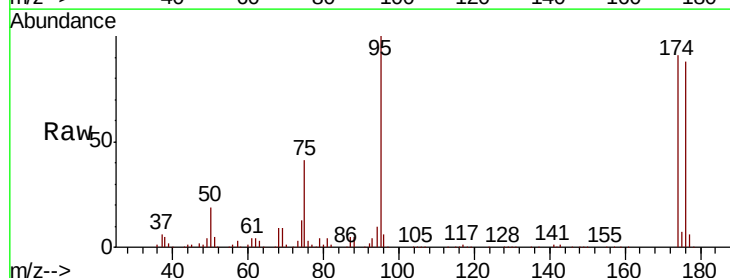
Tgt Ion: 75 Resp: 266347

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



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

250000

200000

150000

100000

50000

0

Time-->

