

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060200.D
 Acq On : 25 Oct 2018 17:38
 Operator : JC/SY
 Sample : J5658-04
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-002

Quant Time: Oct 26 03:43:13 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	1588634	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2161360	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1546153	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	570374	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	687093	57.06	ug/l	0.03
Spiked Amount			Recovery	=	114.12%	
35) Dibromofluoromethane	6.33	113	850508	51.82	ug/l	0.03
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	9.46	98	2242721	47.92	ug/l	0.03
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.44	95	655991	37.43	ug/l	0.02
Spiked Amount			Recovery	=	74.86%	

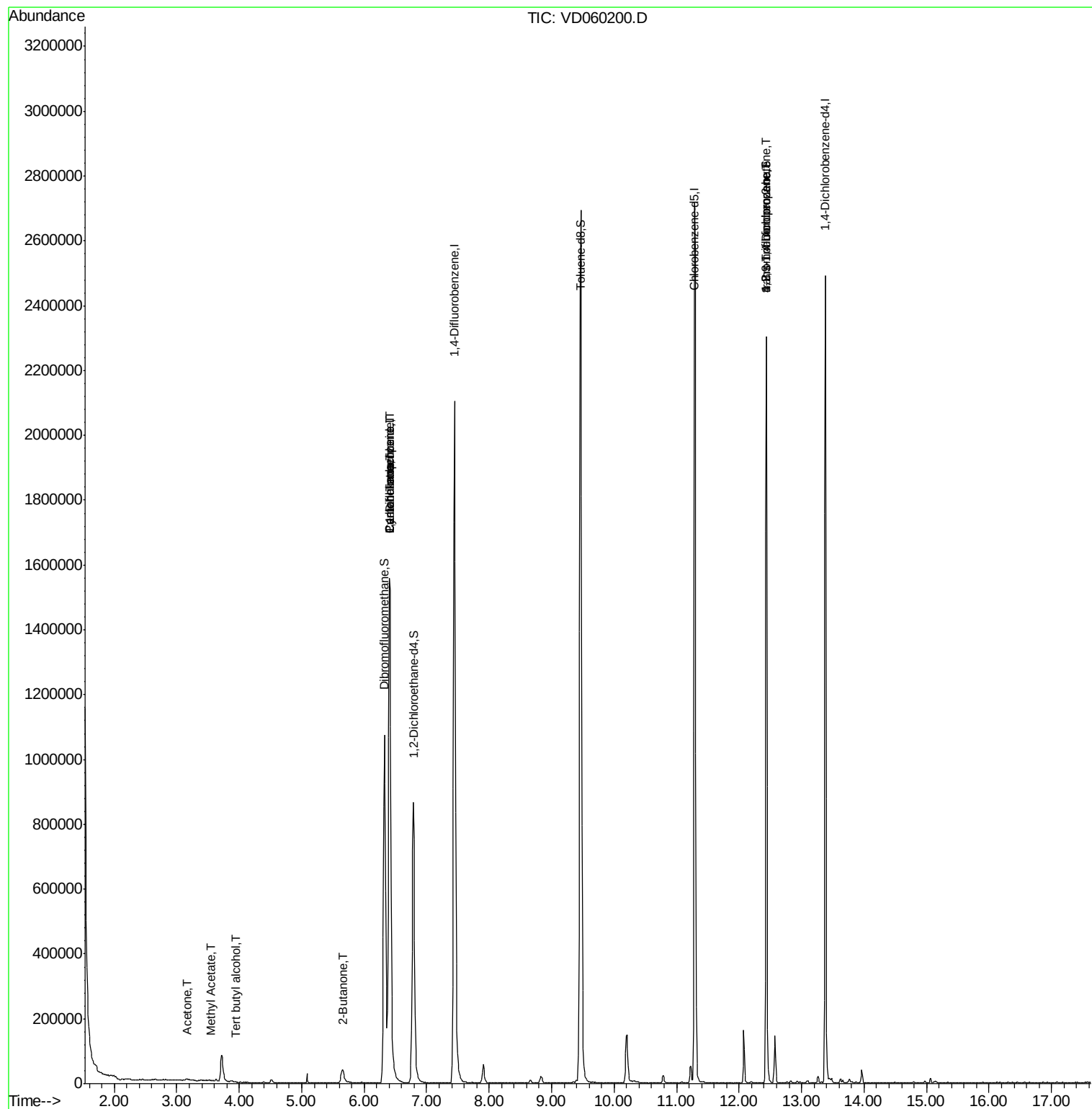
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.95	59	1654	1.915	ug/l #	74
16) Acetone	3.16	43	6385	2.922	ug/l #	76
18) Methyl Acetate	3.55	43	5259	1.120	ug/l #	63
20) Methylene Chloride	3.73	84	54026	Below Cal		88
25) 2-Butanone	5.65	43	7021	1.286	ug/l #	59
31) Cyclohexane	6.40	56	29741	1.140	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	108727	5.264	ug/l #	47
38) Carbon Tetrachloride	6.40	117	125303	6.684	ug/l #	15
76) 1,2,3-Trichloropropane	12.44	75	264155	32.159	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.44	75	264800	114.729	ug/l #	13

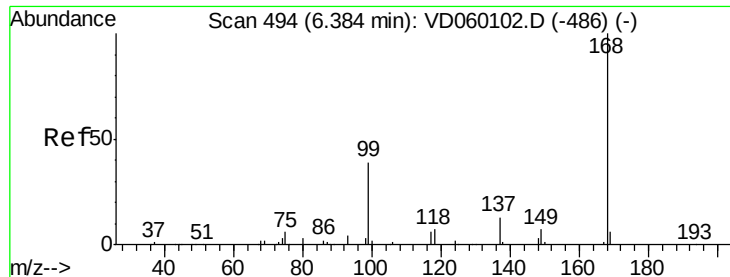
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 03:43:13 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# 497

Delta R.T. 0.03 min

Lab File: VD060200.D

Acq: 25 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

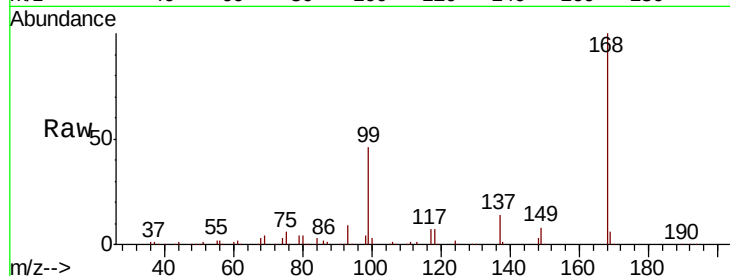
JC-TS-002

Tot Ion:168 Resp: 1588634

Ion Ratio Lower Upper

168 100

99 45.7 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

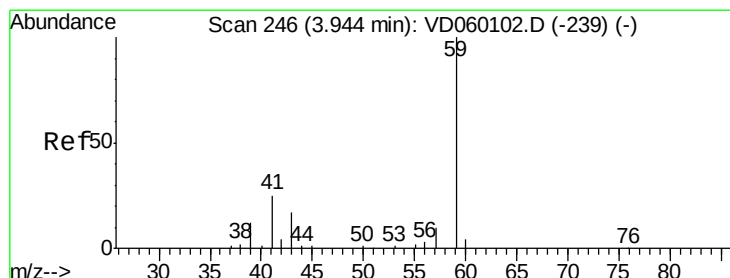
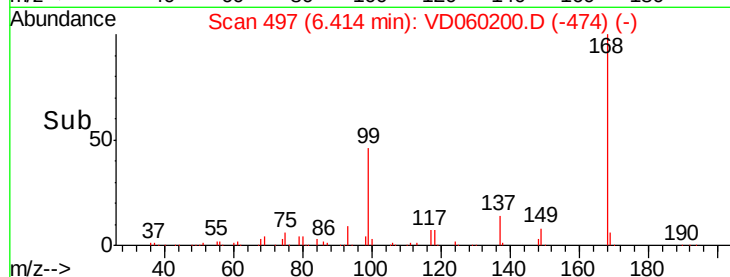
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.915 ug/l

RT: 3.95 min Scan# 247

Delta R.T. 0.01 min

Lab File: VD060200.D

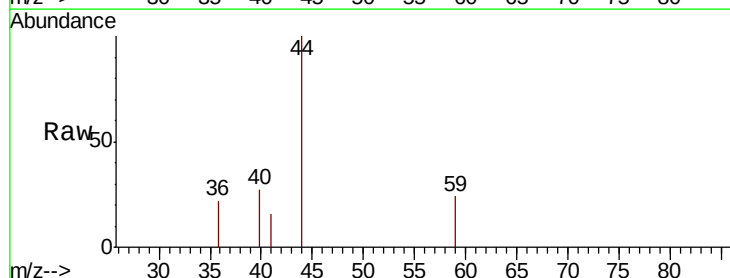
Acq: 25 Oct 2018 17:38

Tgt Ion: 59 Resp: 1654

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

1000

800

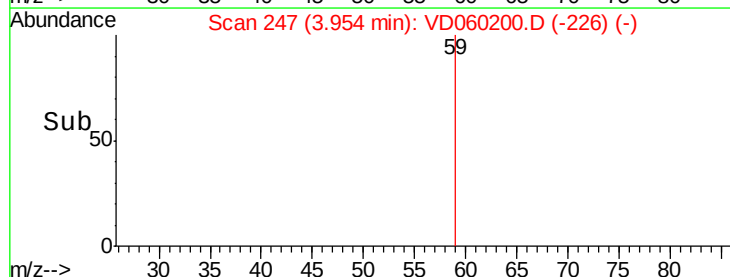
600

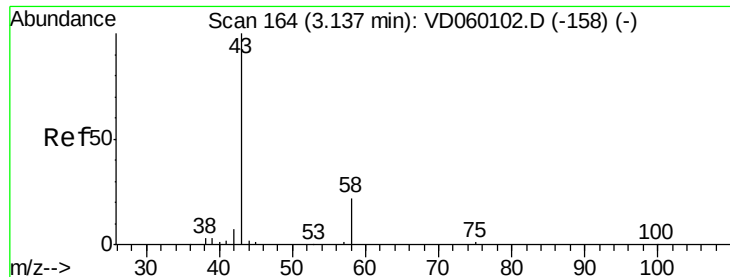
400

200

0

Time-->





#16

Acetone

Concen: 2.922 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060200.D

Acq: 25 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

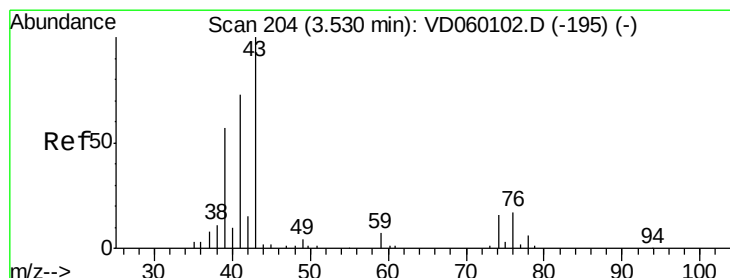
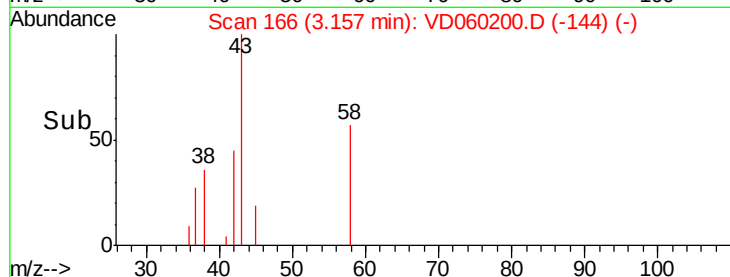
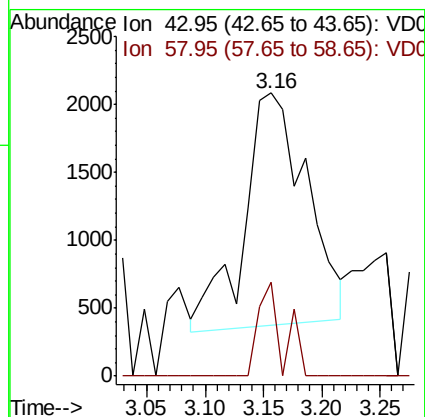
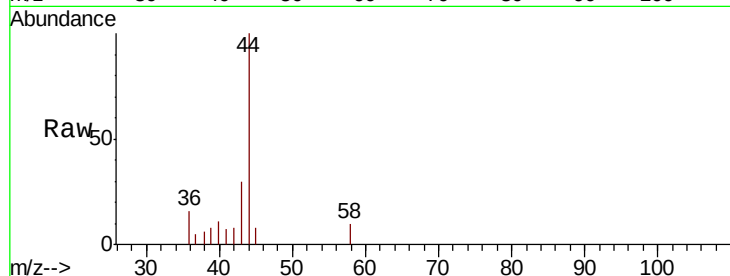
JC-TS-002

Tot Ion: 43 Resp: 6385

Ion Ratio Lower Upper

43 100

58 33.4 17.7 26.5#



#18

Methyl Acetate

Concen: 1.120 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060200.D

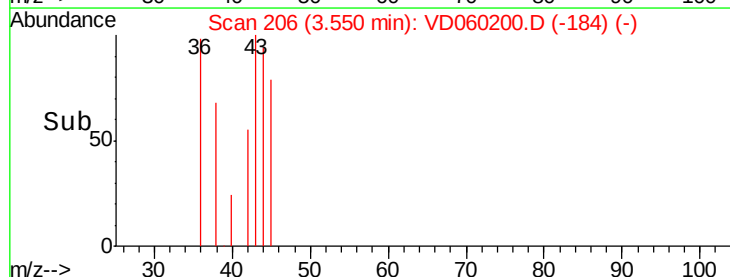
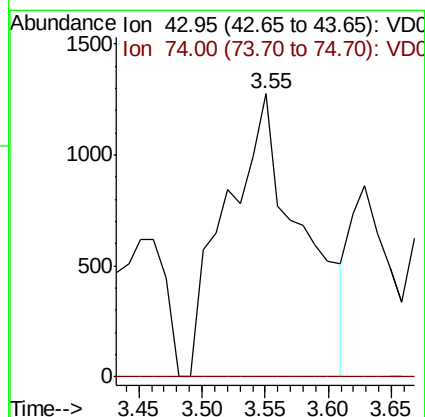
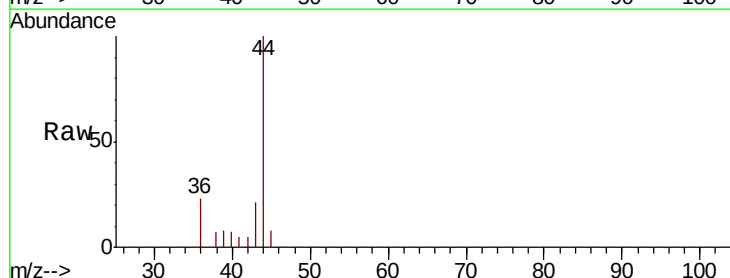
Acq: 25 Oct 2018 17:38

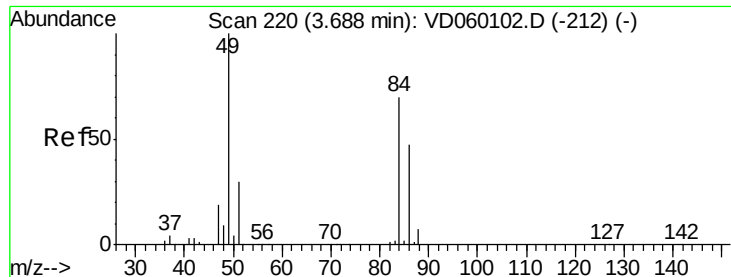
Tgt Ion: 43 Resp: 5259

Ion Ratio Lower Upper

43 100

74 0.0 12.6 19.0#

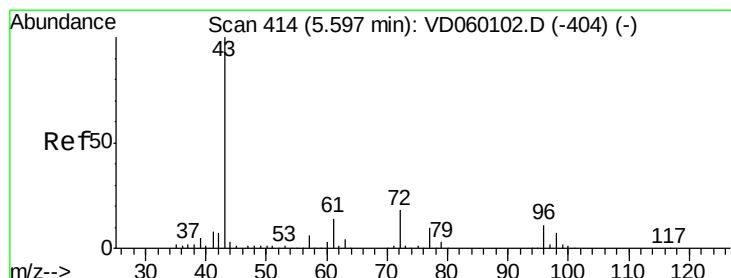
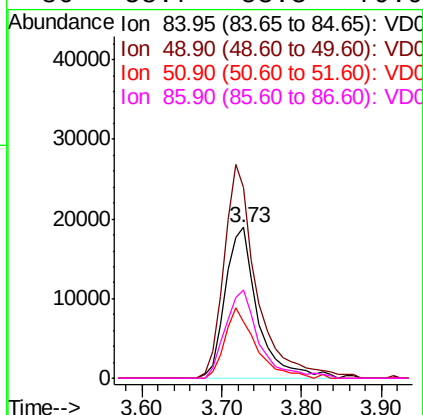
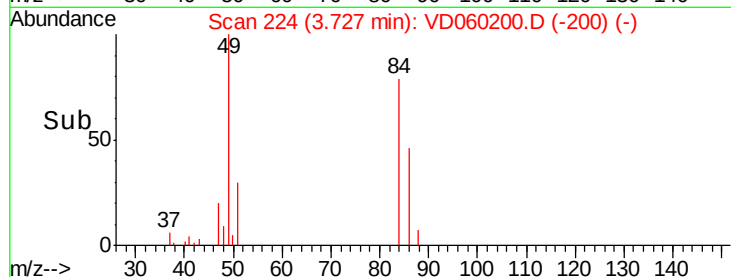
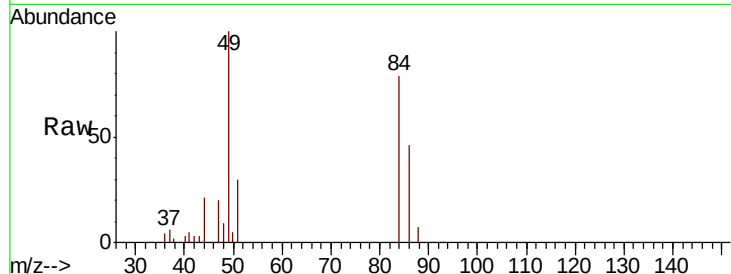




#20
Methylene Chloride
Concen: Below Cal
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

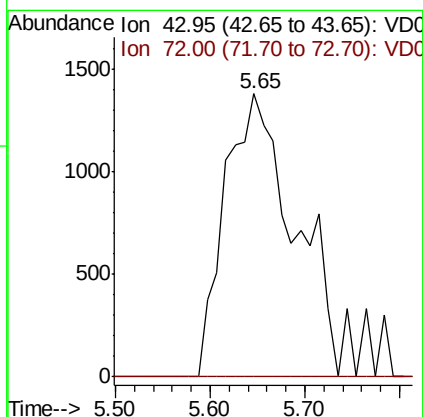
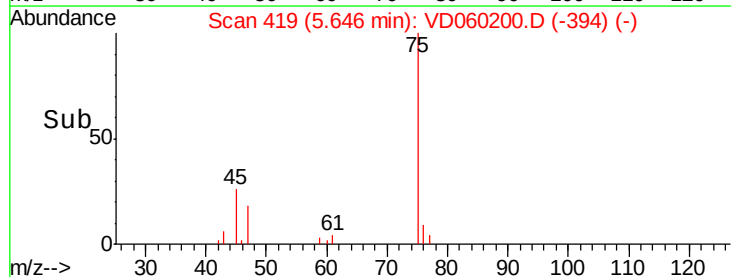
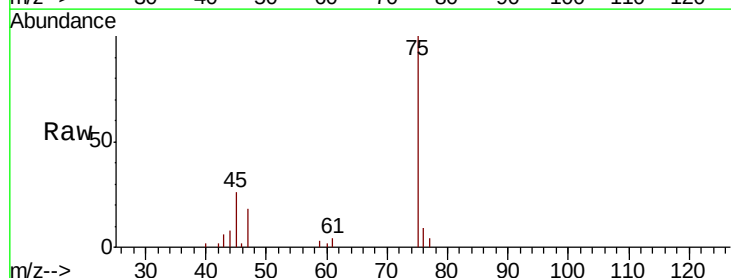
Instrument :
MSVOA_D
ClientSampleId :
JC-TS-002

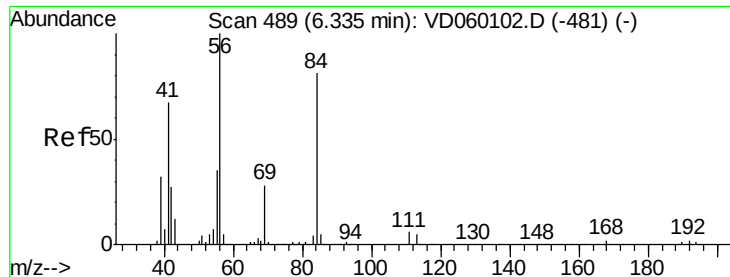
Tot Ion: 84 Resp: 54026
Ion Ratio Lower Upper
84 100
49 126.3 114.6 172.0
51 37.6 33.8 50.8
86 58.7 53.3 79.9



#25
2-Butanone
Concen: 1.286 ug/l
RT: 5.65 min Scan# 419
Delta R.T. 0.05 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

Tgt Ion: 43 Resp: 7021
Ion Ratio Lower Upper
43 100
72 0.0 14.5 21.7#

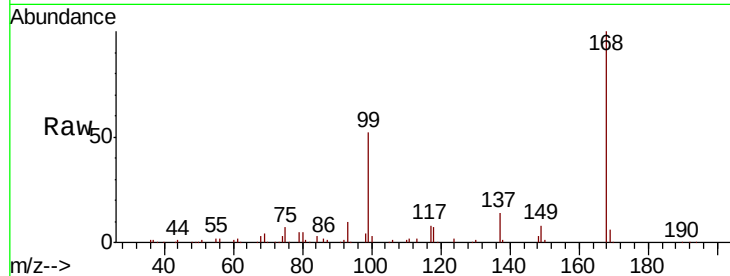




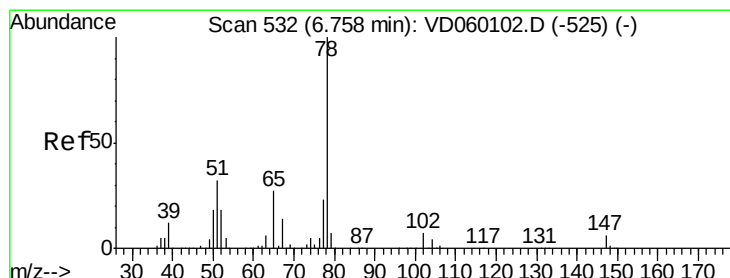
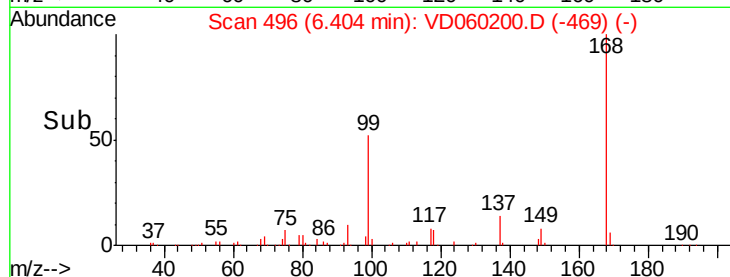
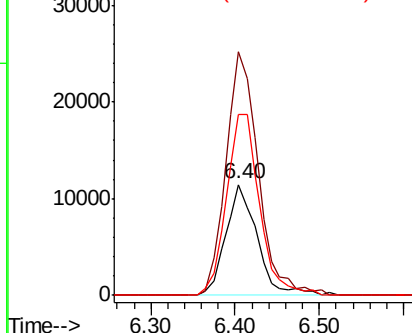
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

Instrument :
MSVOA_D
ClientSampleID :
JC-TS-002

Tot Ion: 56 Resp: 29741
Ion Ratio Lower Upper
56 100
69 219.4 22.8 34.2#
84 163.1 64.9 97.3#

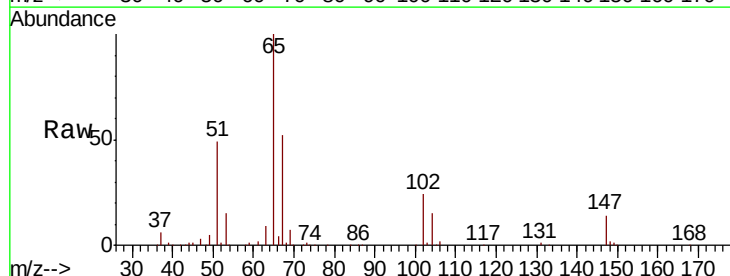


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

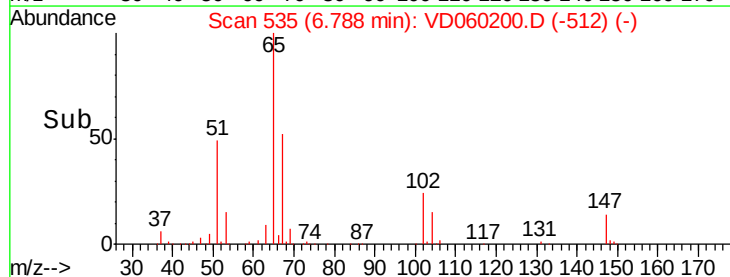
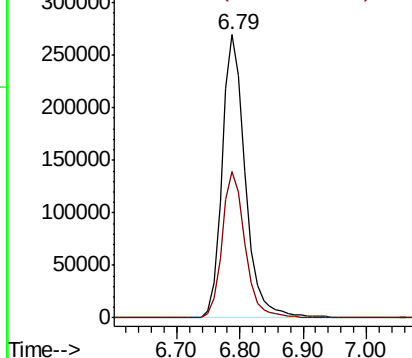


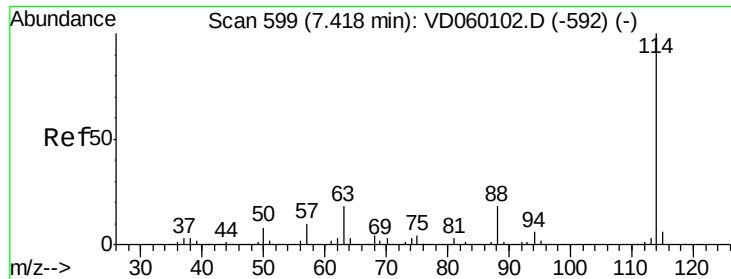
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

Tgt Ion: 65 Resp: 687093
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2



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

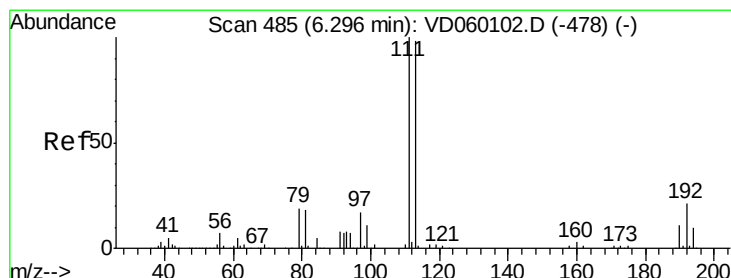
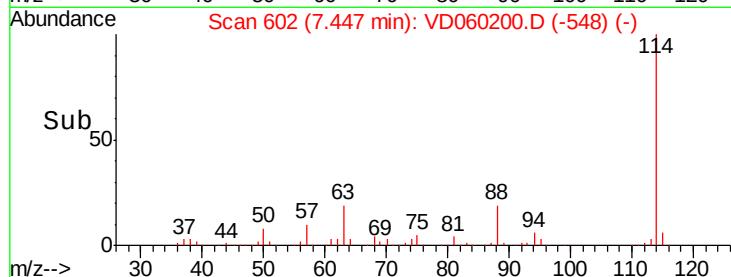
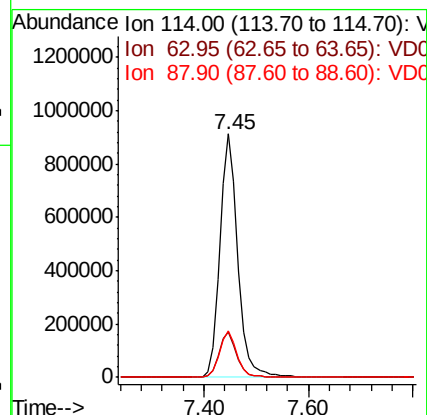
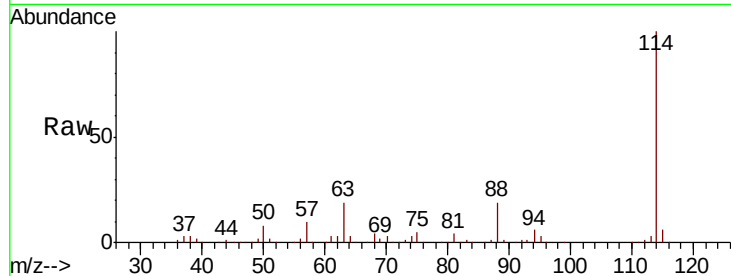




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060200.D
 Acq: 25 Oct 2018 17:38

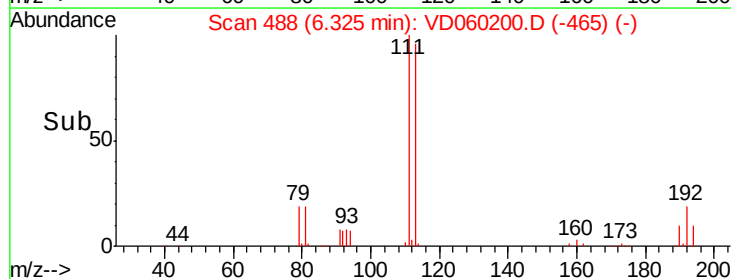
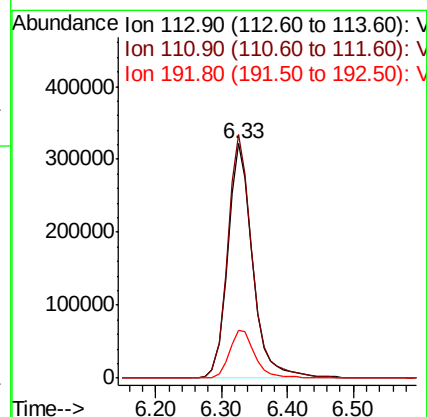
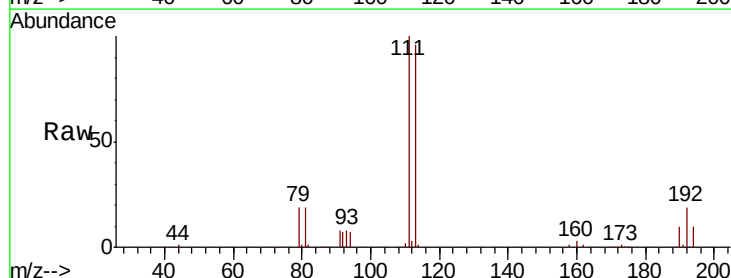
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-002

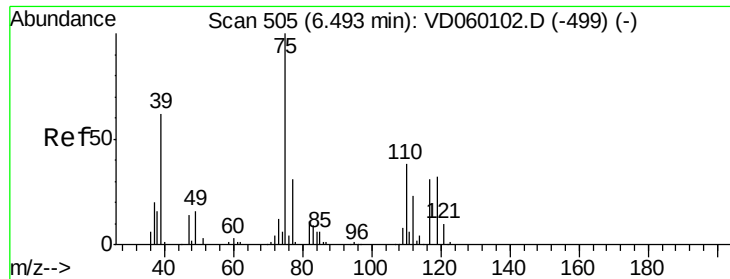
Tot Ion:114 Resp: 2161360
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 19.0 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060200.D
 Acq: 25 Oct 2018 17:38

Tgt Ion:113 Resp: 850508
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.5 122.3
 192 20.2 17.4 26.0





#36

1,1-Dichloropropene

Concen: 5.264 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.09 min

Lab File: VD060200.D

Acq: 25 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampled :

JC-TS-002

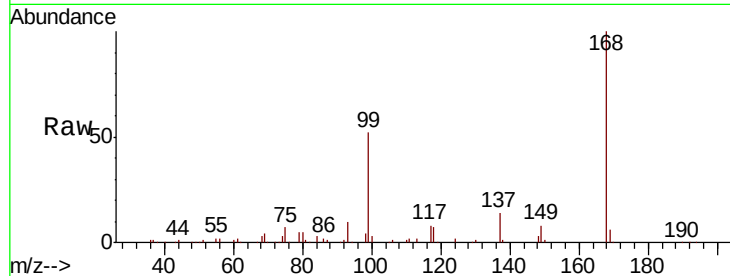
Tot Ion: 75 Resp: 108727

Ion Ratio Lower Upper

75 100

110 7.3 19.0 57.0#

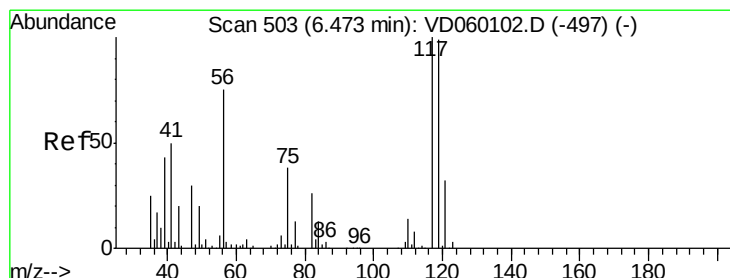
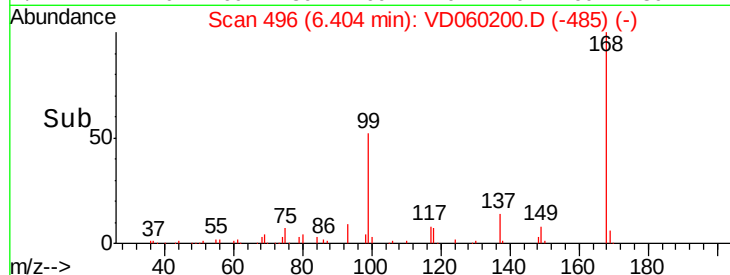
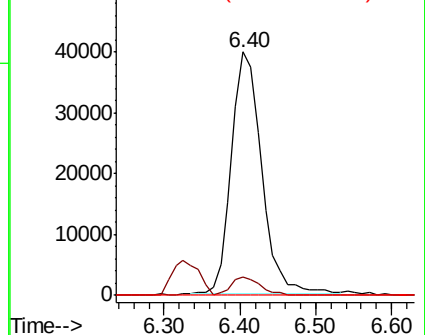
77 0.0 24.9 37.3#



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: 6.684 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.07 min

Lab File: VD060200.D

Acq: 25 Oct 2018 17:38

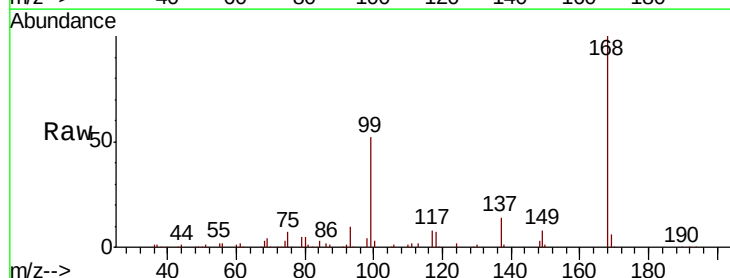
Tgt Ion: 117 Resp: 125303

Ion Ratio Lower Upper

117 100

119 5.2 77.8 116.6#

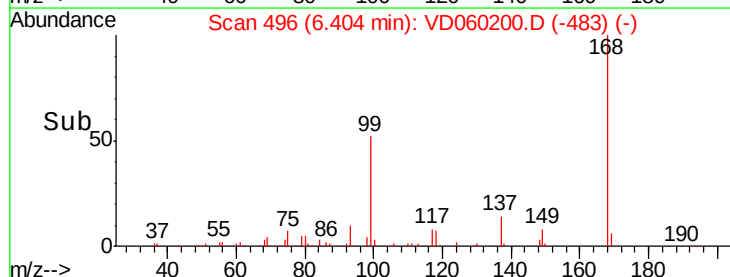
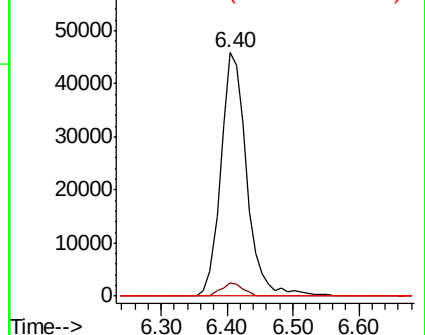
121 0.0 24.8 37.2#

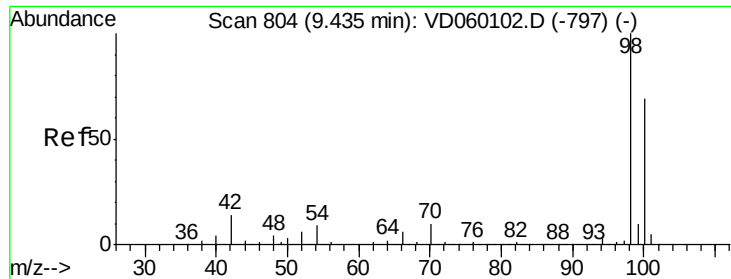


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

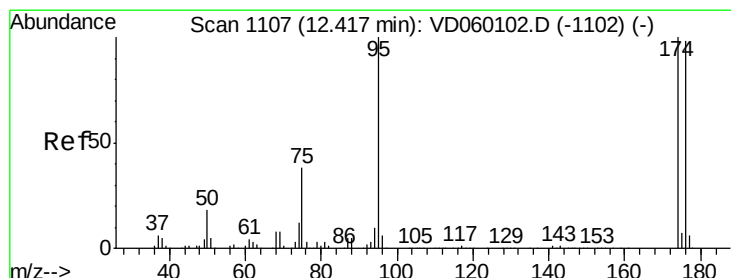
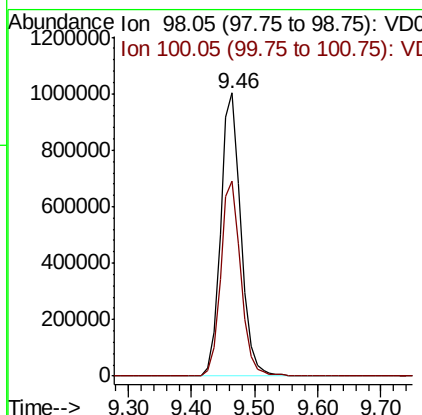
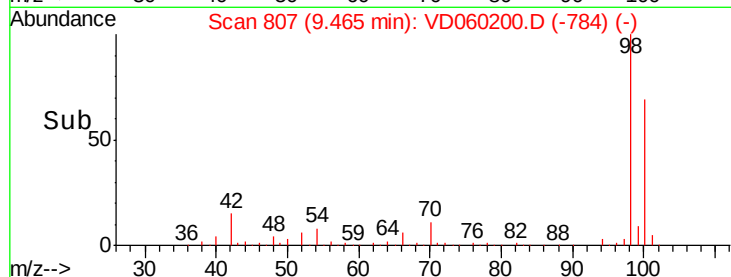
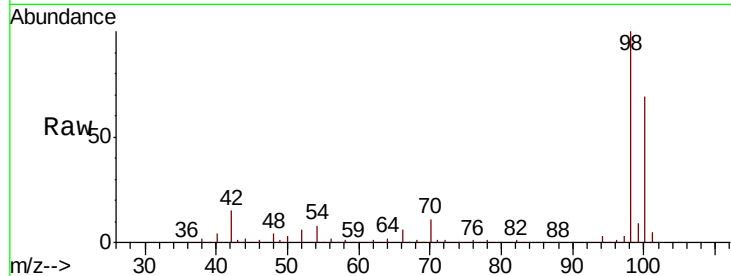




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

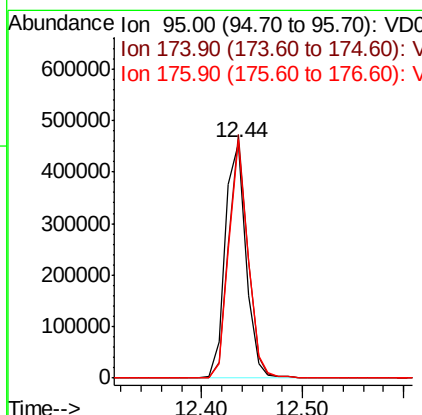
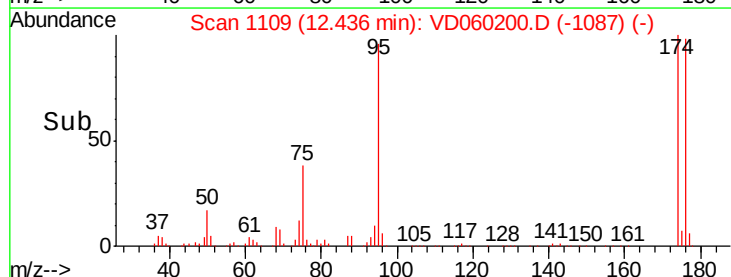
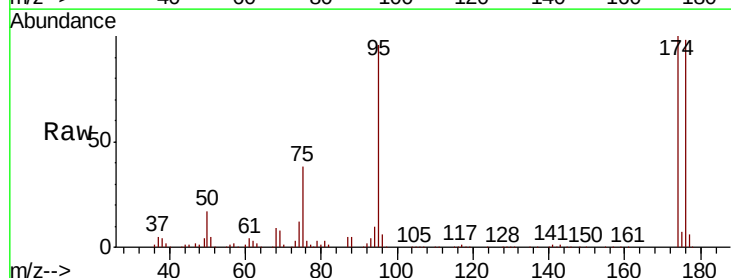
Instrument :
MSVOA_D
ClientSampled :
JC-TS-002

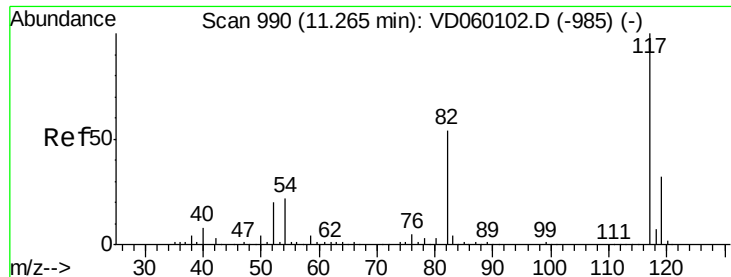
Tot Ion: 98 Resp: 2242721
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

Tgt Ion: 95 Resp: 655991
Ion Ratio Lower Upper
95 100
174 103.6 0.0 200.2
176 101.3 0.0 195.6

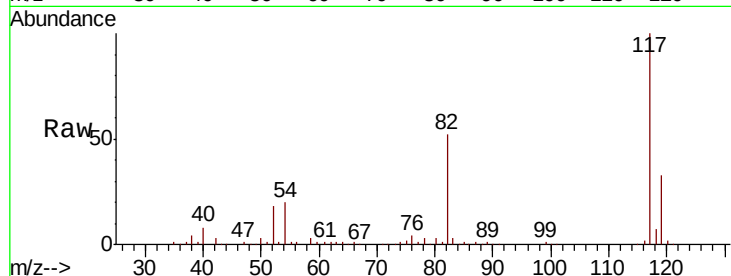




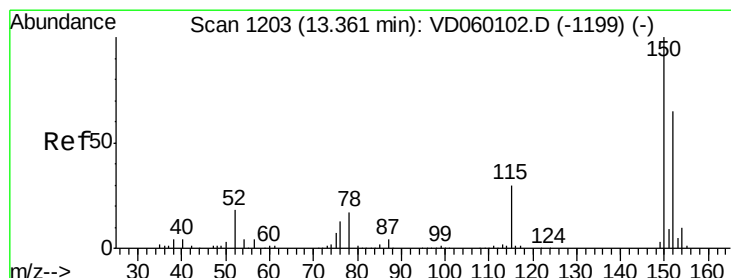
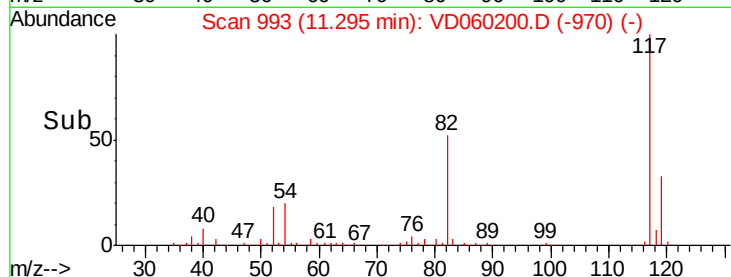
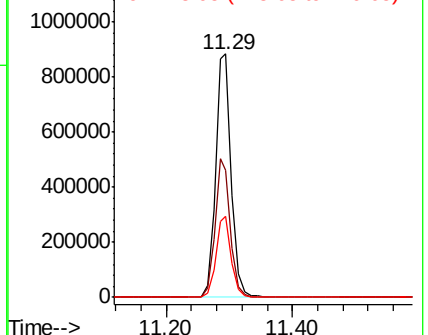
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-002

Tot Ion:117 Resp: 1546153
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.2
119 33.2 26.0 39.0

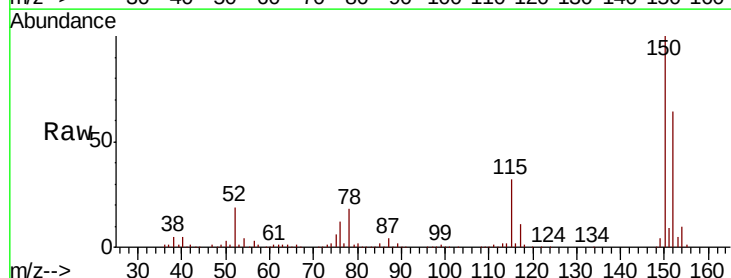


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

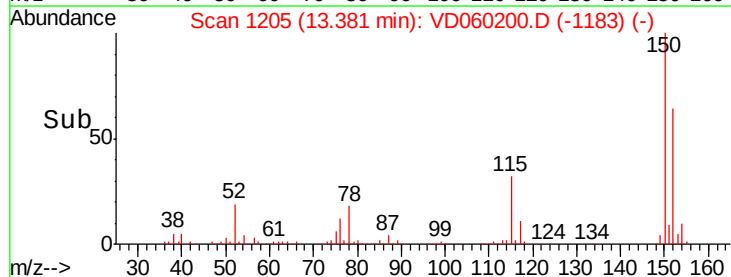
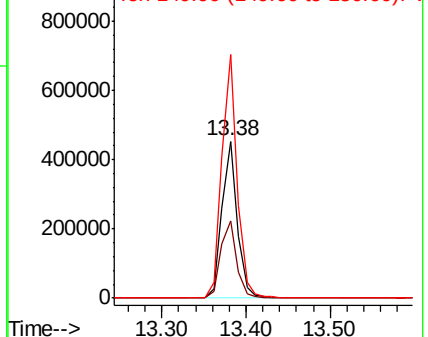


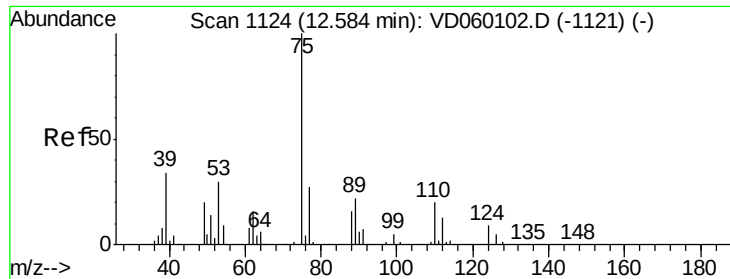
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060200.D
Acq: 25 Oct 2018 17:38

Tgt Ion:152 Resp: 570374
Ion Ratio Lower Upper
152 100
115 49.4 27.1 81.2
150 155.4 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

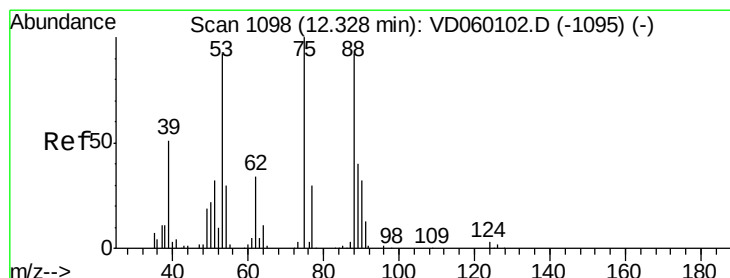
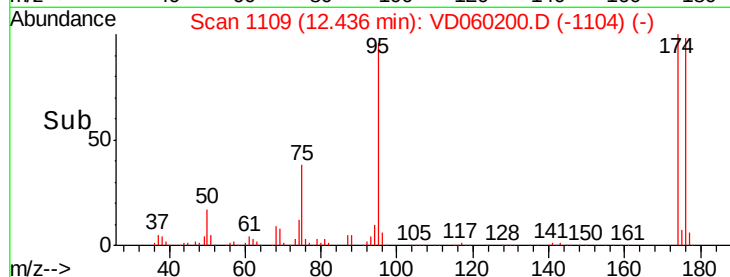
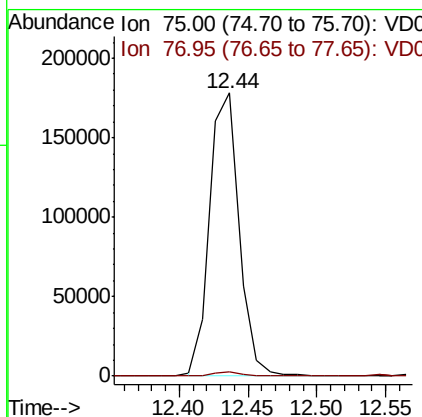
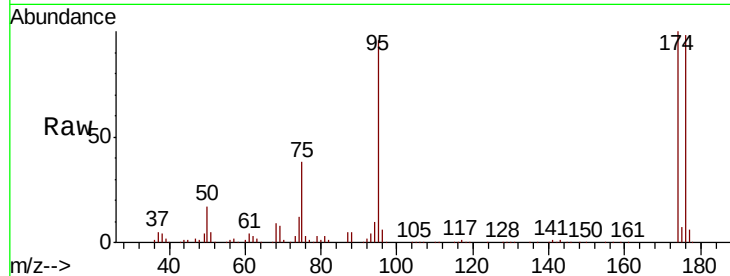




#76
 1,2,3-Trichloropropane
 Concen: 32.159 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. -0.15 min
 Lab File: VD060200.D
 Acq: 25 Oct 2018 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-002

Tot Ion: 75 Resp: 264155
 Ion Ratio Lower Upper
 75 100
 77 1.5 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.729 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. 0.11 min
 Lab File: VD060200.D
 Acq: 25 Oct 2018 17:38

Tgt Ion: 75 Resp: 264800
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

