

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060176.D
 Acq On : 24 Oct 2018 12:22
 Operator : JC/SY
 Sample : VD1024SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

Quant Time: Oct 25 03:32:50 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	1780451	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2414340	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1978247	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	1050278	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	664064	49.20	ug/l	0.02
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	6.32	113	924945	50.45	ug/l	0.02
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	9.45	98	2592080	49.58	ug/l	0.02
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.42	95	971982	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	

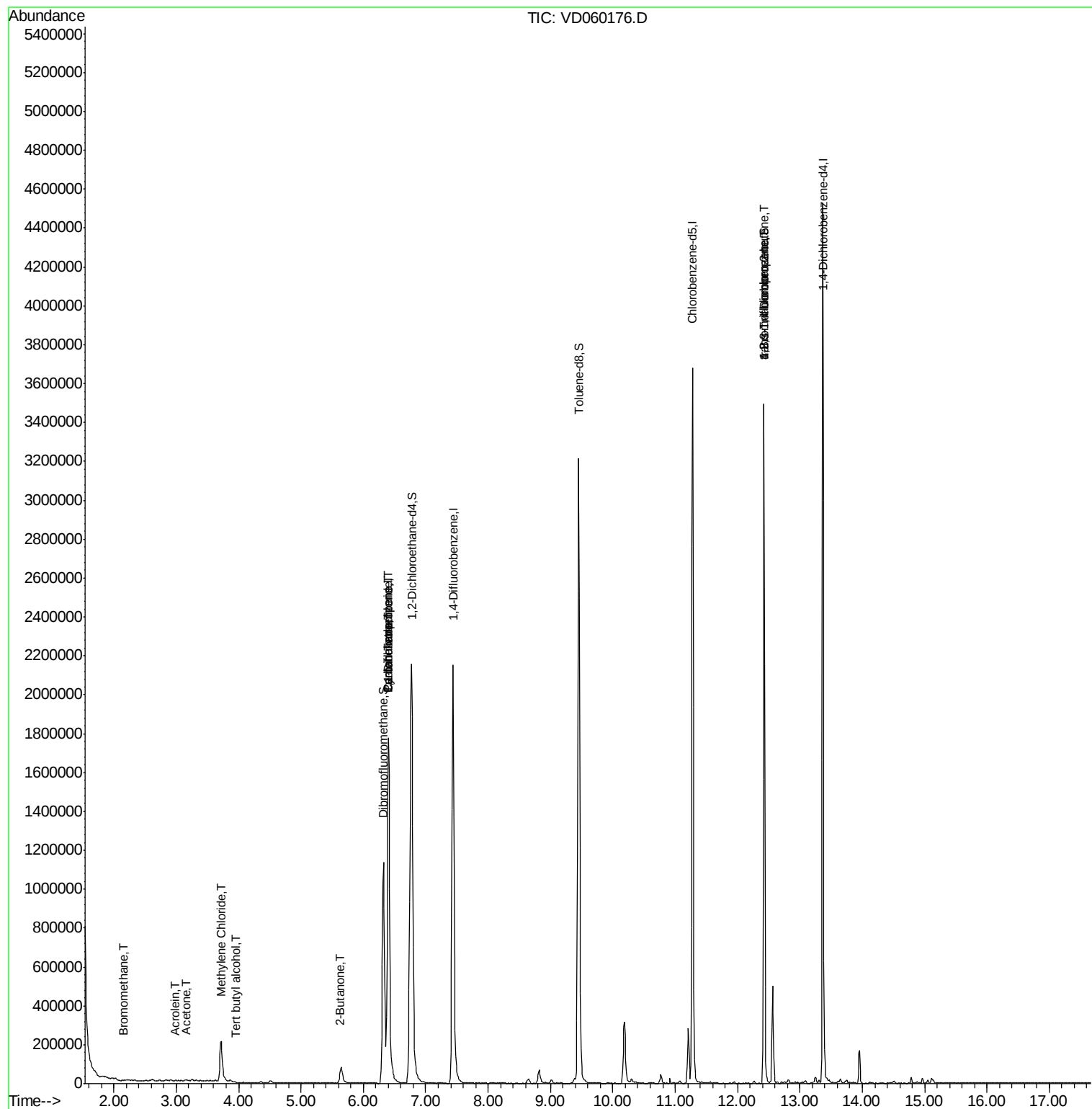
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	2526	1.628	ug/l	99
11) Tert butyl alcohol	3.95	59	1807	1.867	ug/l #	74
13) Acrolein	2.99	56	826	1.384	ug/l #	1
16) Acetone	3.15	43	13913	5.681	ug/l	98
20) Methylene Chloride	3.72	84	136868	3.063	ug/l	97
25) 2-Butanone	5.62	43	11897	1.945	ug/l #	59
31) Cyclohexane	6.40	56	32693	1.118	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	122779	5.322	ug/l #	45
38) Carbon Tetrachloride	6.40	117	139107	6.643	ug/l #	16
76) 1,2,3-Trichloropropane	12.42	75	367081	24.269	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.42	75	381092	89.668	ug/l #	13

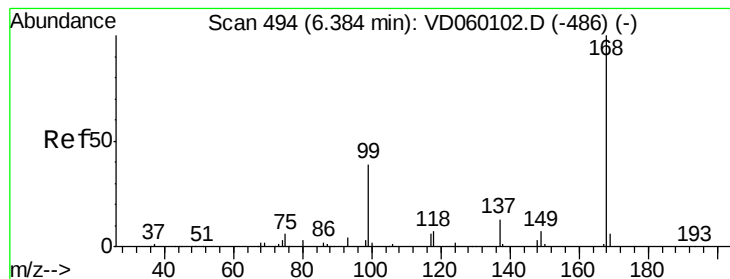
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060176.D
Acq On : 24 Oct 2018 12:22
Operator : JC/SY
Sample : VD1024SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

Quant Time: Oct 25 03:32:50 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# 495

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

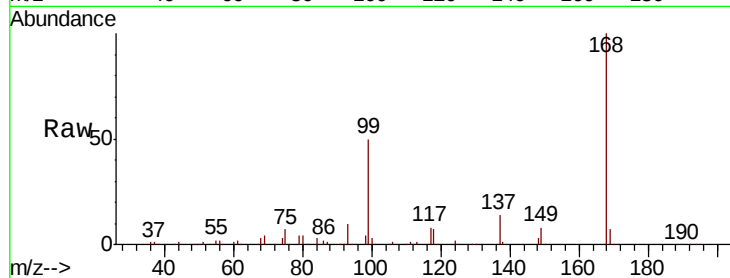
VD1024SBL01

Tot Ion:168 Resp: 1780451

Ion Ratio Lower Upper

168 100

99 49.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

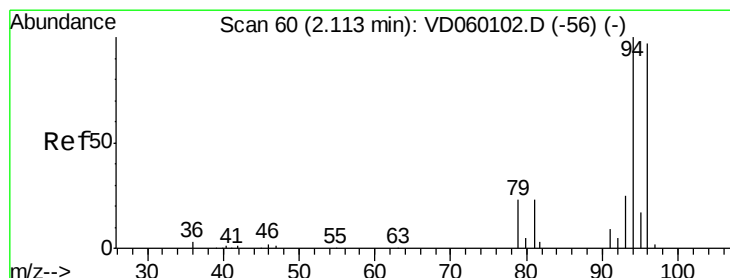
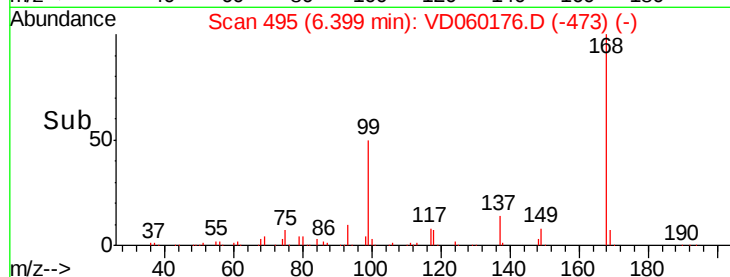
600000

400000

200000

0

Time-->



#5

Bromomethane

Concen: 1.628 ug/l

RT: 2.17 min Scan# 65

Delta R.T. 0.05 min

Lab File: VD060176.D

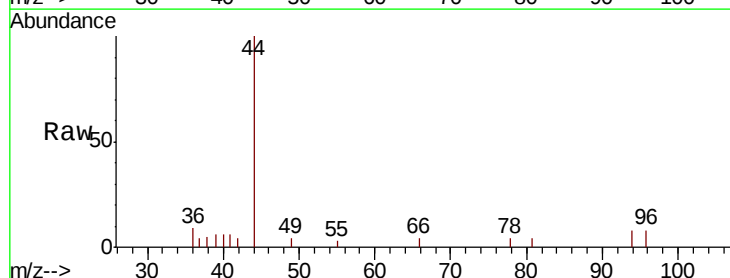
Acq: 24 Oct 2018 12:22

Tgt Ion: 94 Resp: 2526

Ion Ratio Lower Upper

94 100

96 95.7 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

1000

800

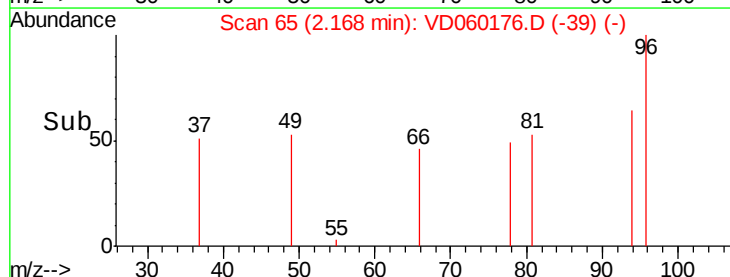
600

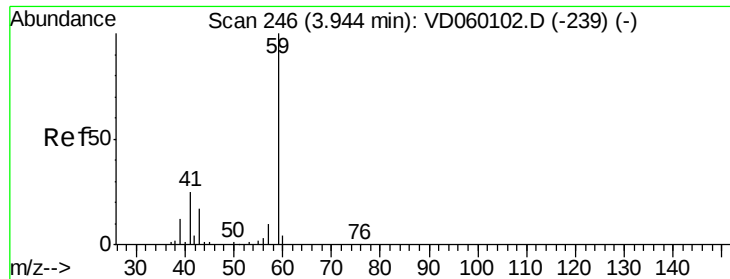
400

200

0

Time-->



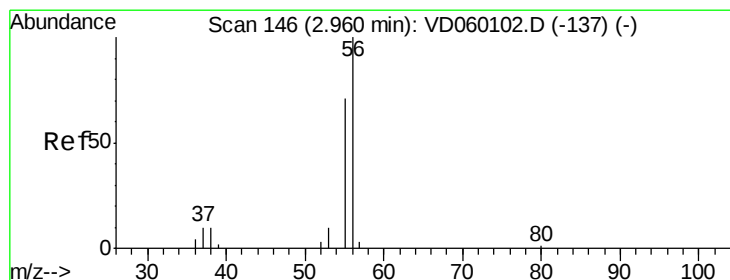
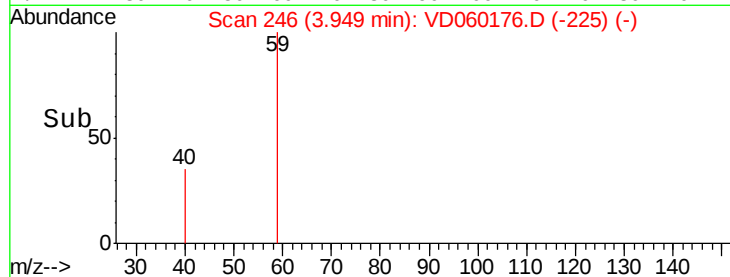
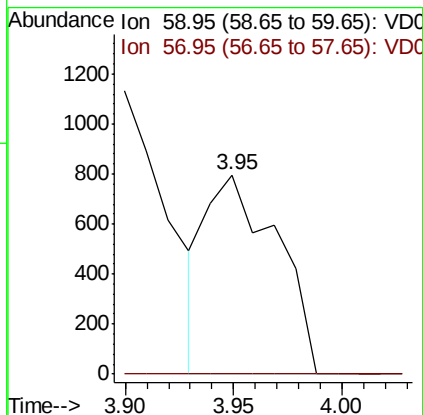
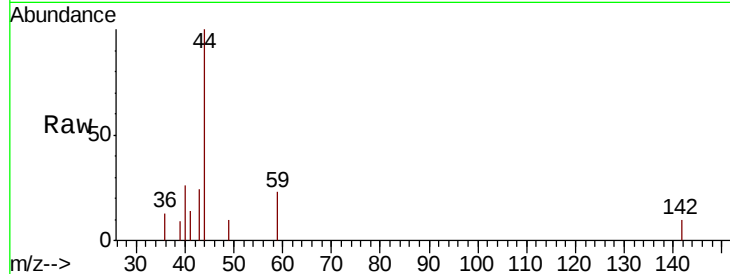


#11

Tert butyl alcohol
 Concen: 1.867 ug/l
 RT: 3.95 min Scan# 246
 Delta R.T. 0.01 min
 Lab File: VD060176.D
 Acq: 24 Oct 2018 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

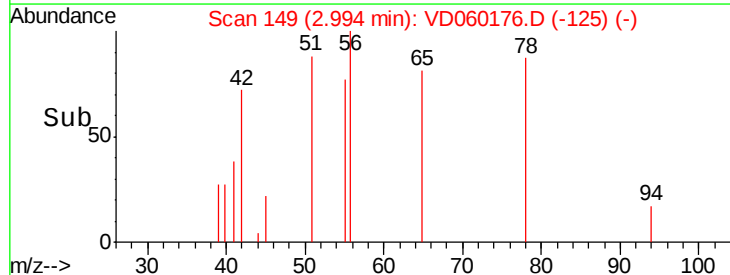
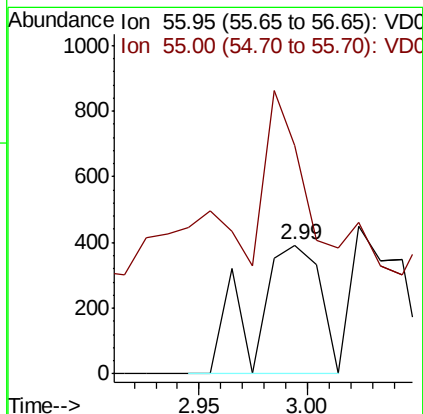
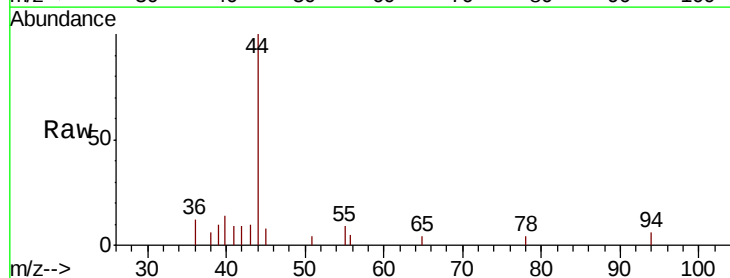
Tot Ion: 59 Resp: 1807
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

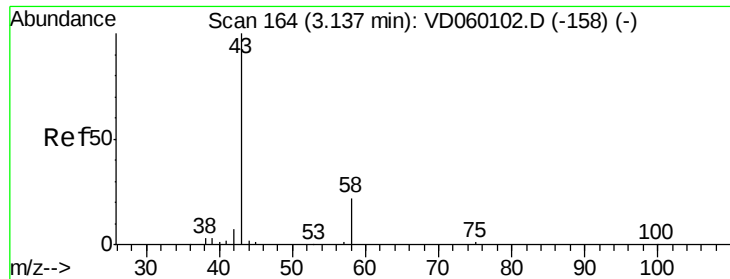


#13

Acrolein
 Concen: 1.384 ug/l
 RT: 2.99 min Scan# 149
 Delta R.T. 0.03 min
 Lab File: VD060176.D
 Acq: 24 Oct 2018 12:22

Tgt Ion: 56 Resp: 826
 Ion Ratio Lower Upper
 56 100
 55 177.0 57.4 86.2#





#16

Acetone

Concen: 5.681 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

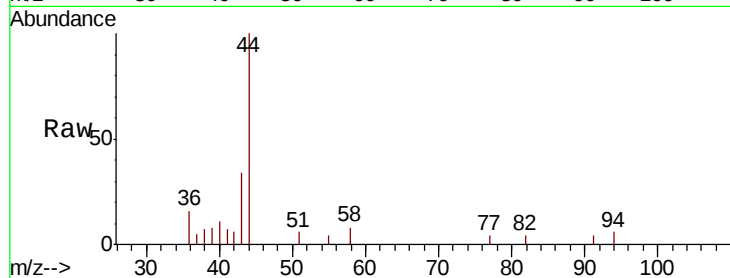
VD1024SBL01

Tot Ion: 43 Resp: 13913

Ion Ratio Lower Upper

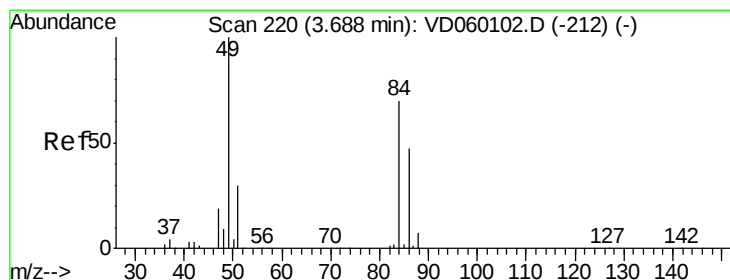
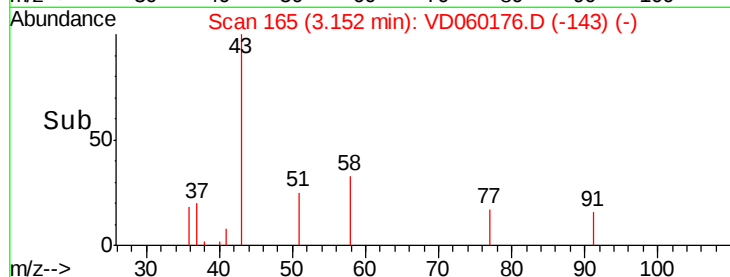
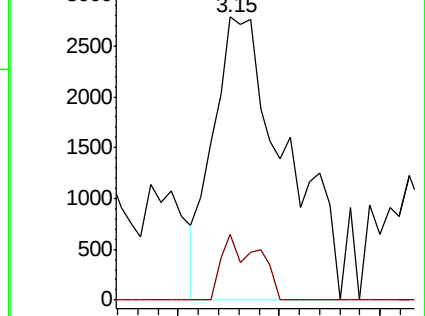
43 100

58 23.3 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 3.063 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.04 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Tgt Ion: 84 Resp: 136868

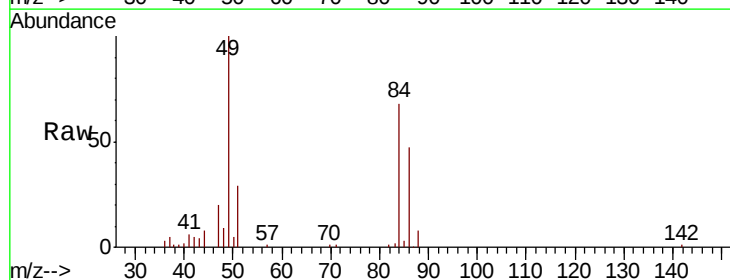
Ion Ratio Lower Upper

84 100

49 147.1 114.6 172.0

51 42.6 33.8 50.8

86 69.4 53.3 79.9

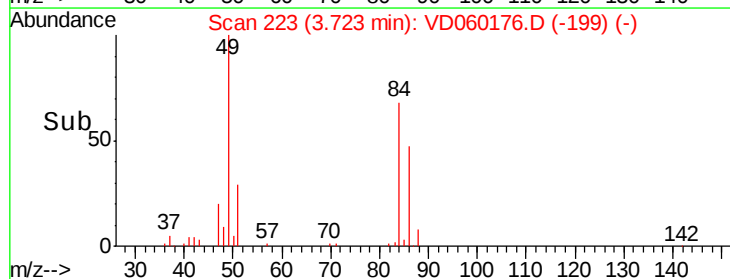
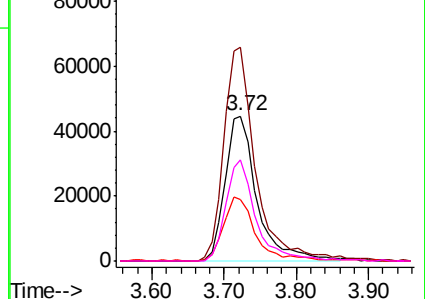


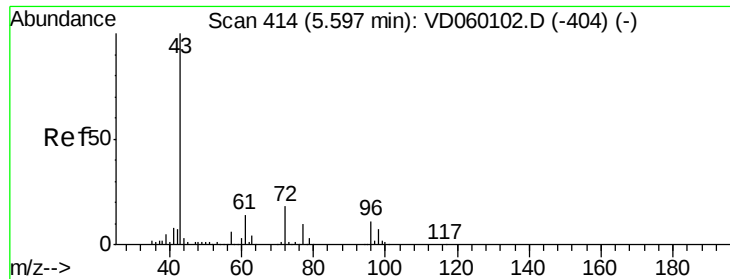
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 1.945 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

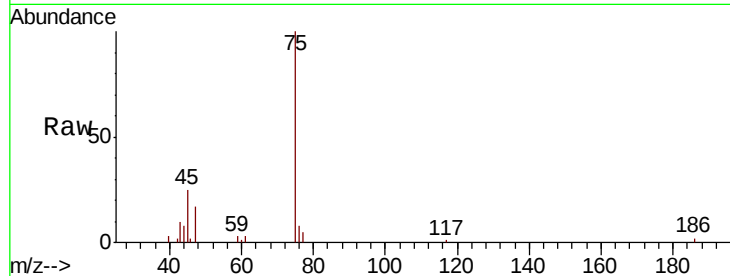
VD1024SBL01

Tot Ion: 43 Resp: 11897

Ion Ratio Lower Upper

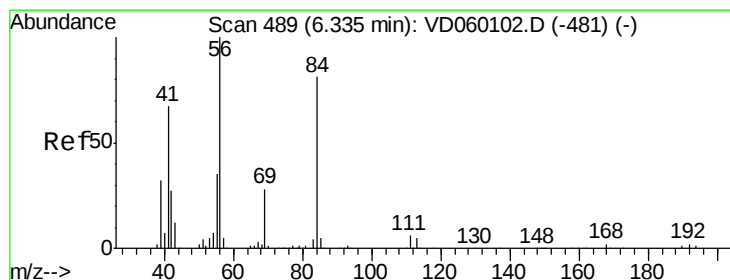
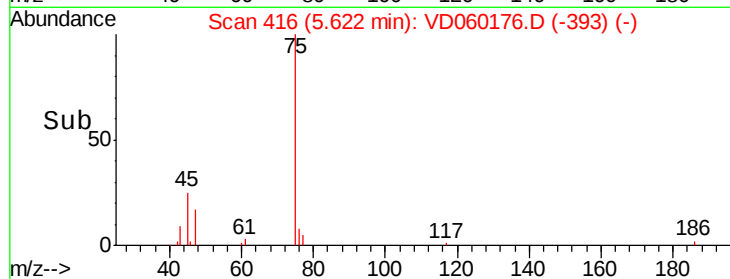
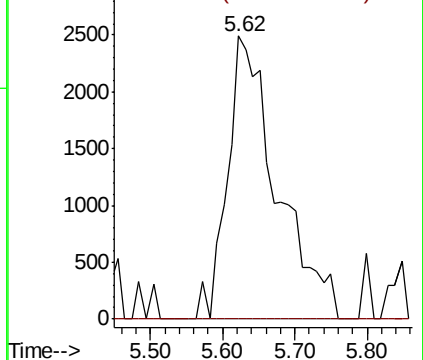
43 100

72 0.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.118 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.06 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

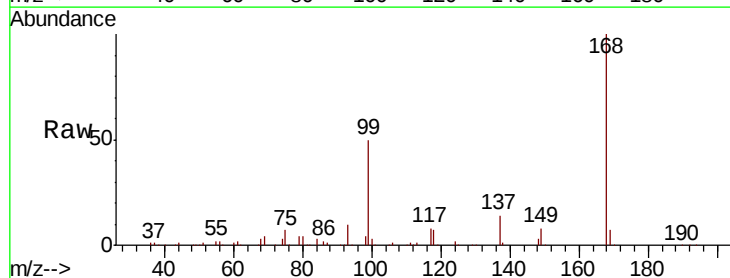
Tgt Ion: 56 Resp: 32693

Ion Ratio Lower Upper

56 100

69 221.8 22.8 34.2#

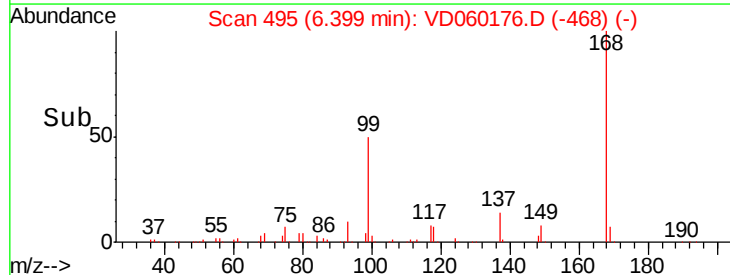
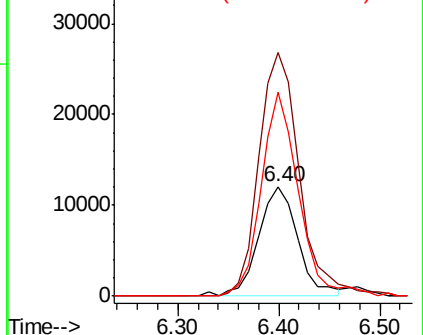
84 185.6 64.9 97.3#

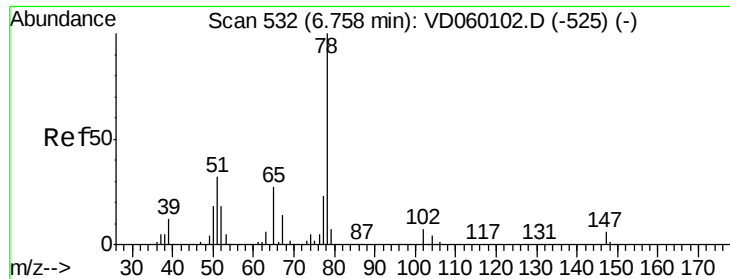


Abundance Ion 55.95 (55.65 to 56.65): VDC

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: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

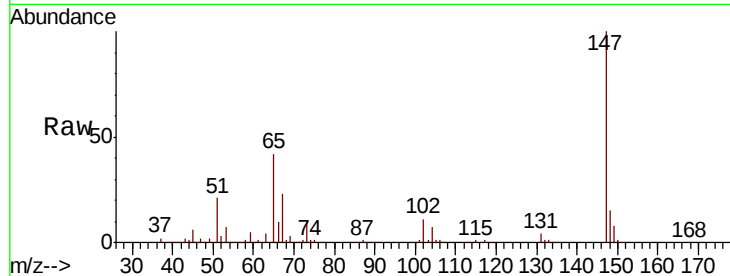
VD1024SBL01

Tot Ion: 65 Resp: 664064

Ion Ratio Lower Upper

65 100

67 55.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

250000

200000

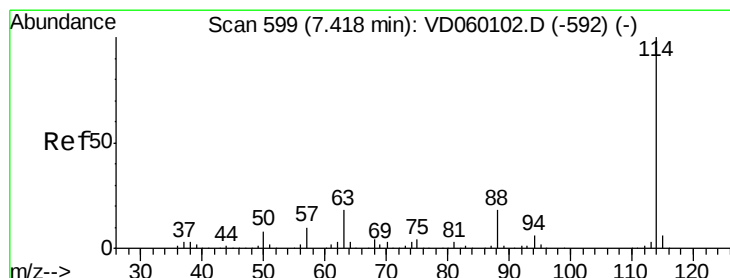
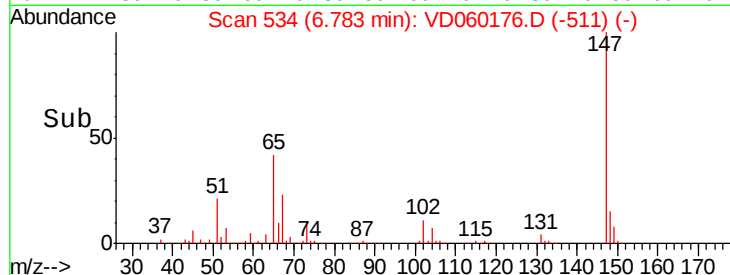
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

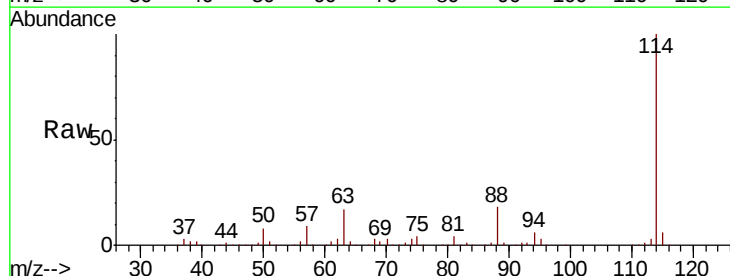
Tgt Ion: 114 Resp: 2414340

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.0

88 17.8 0.0 36.2



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

7.44

1200000

1000000

800000

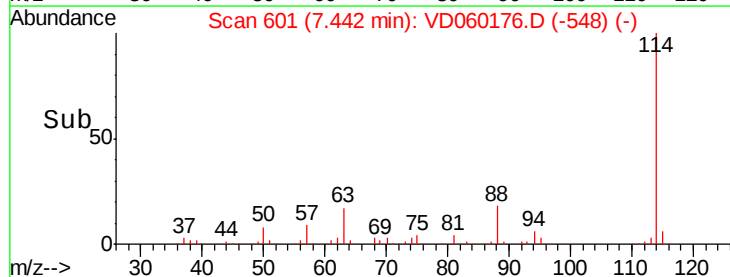
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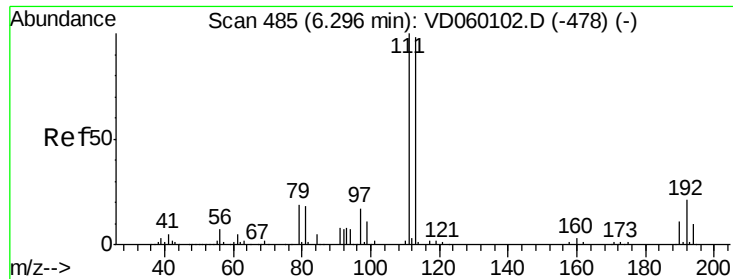
400000

200000

0

Time-->

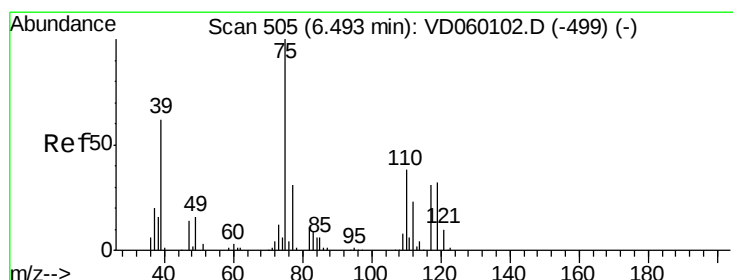
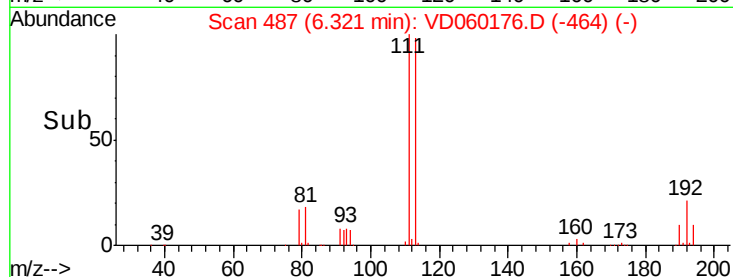
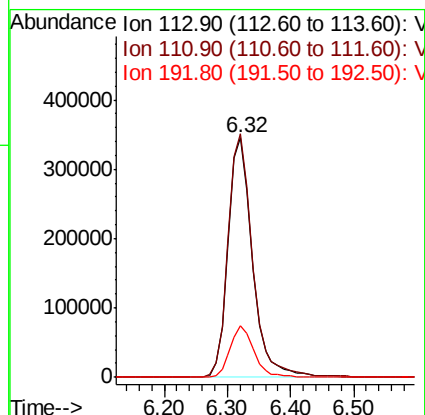
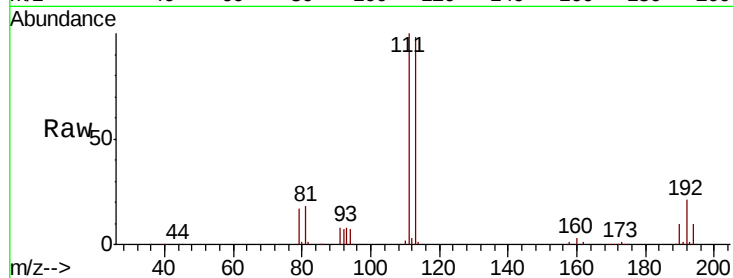




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060176.D
 Acq: 24 Oct 2018 12:22

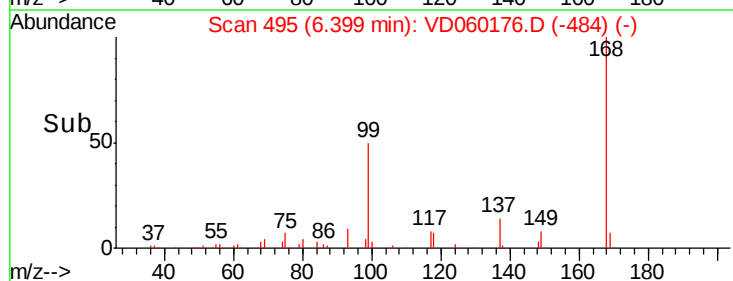
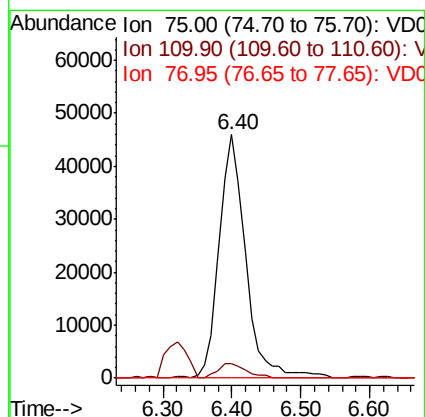
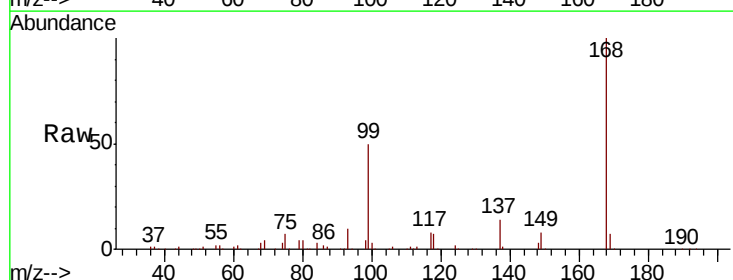
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

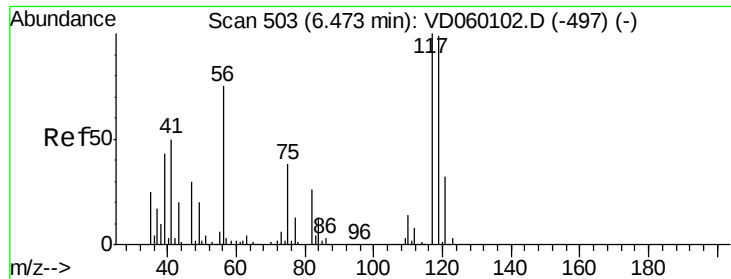
Tot Ion:113 Resp: 924945
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 21.3 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 5.322 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.09 min
 Lab File: VD060176.D
 Acq: 24 Oct 2018 12:22

Tgt Ion: 75 Resp: 122779
 Ion Ratio Lower Upper
 75 100
 110 6.1 19.0 57.0#
 77 0.0 24.9 37.3#

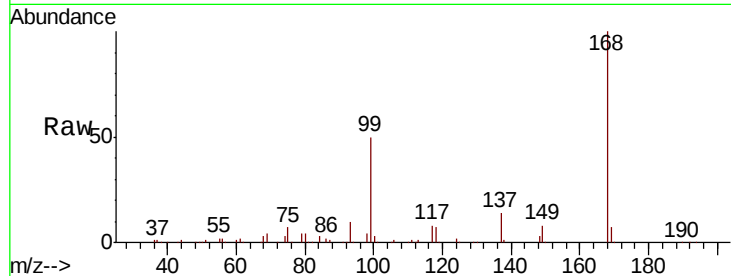




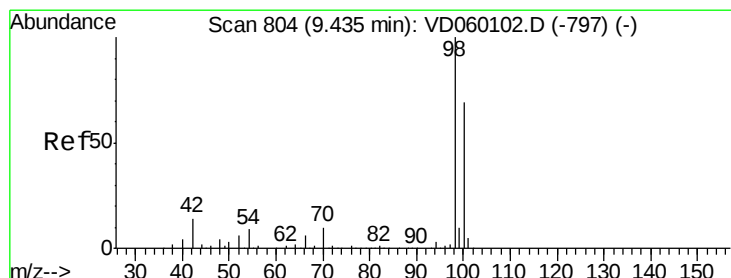
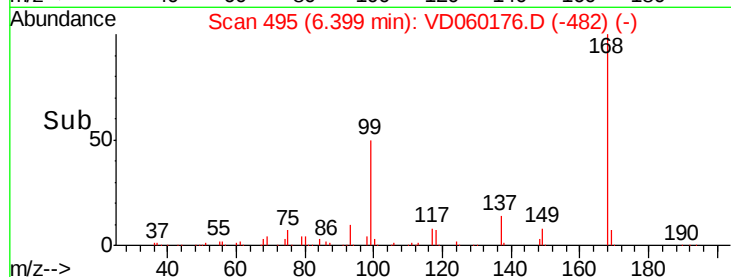
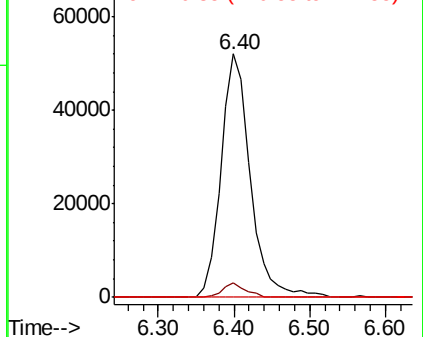
#38
Carbon Tetrachloride
Concen: 6.643 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.07 min
Lab File: VD060176.D
Acq: 24 Oct 2018 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

Tot Ion:117 Resp: 139107
Ion Ratio Lower Upper
117 100
119 5.8 77.8 116.6#
121 0.0 24.8 37.2#

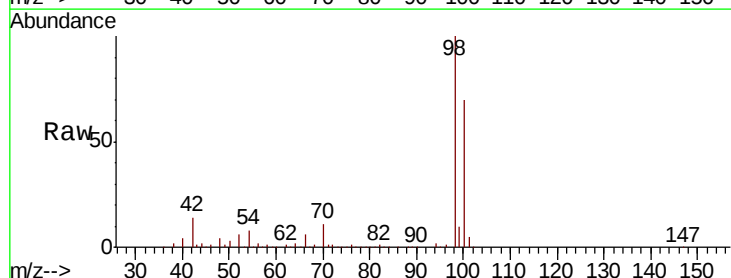


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

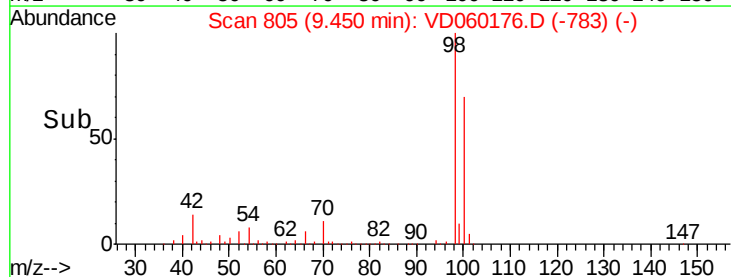
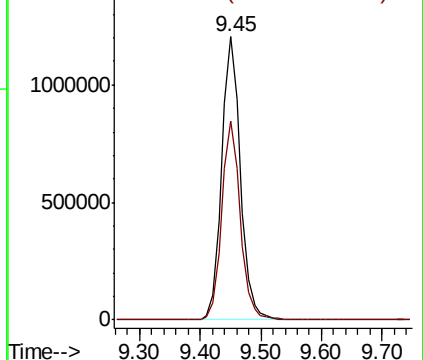


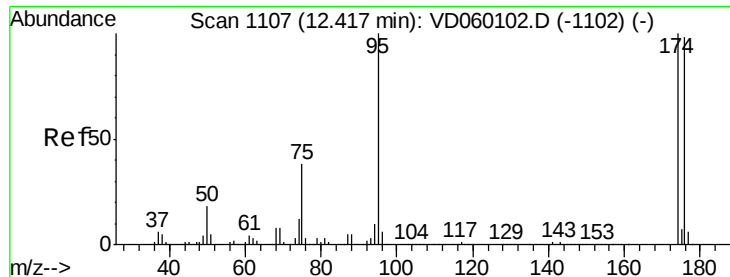
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.02 min
Lab File: VD060176.D
Acq: 24 Oct 2018 12:22

Tgt Ion: 98 Resp: 2592080
Ion Ratio Lower Upper
98 100
100 70.3 55.4 83.0



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

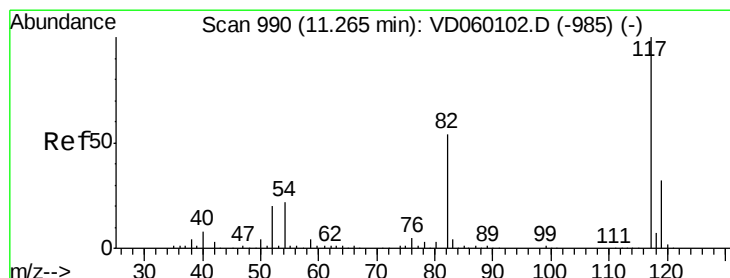
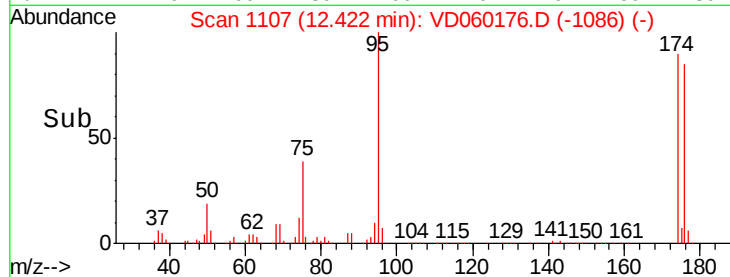
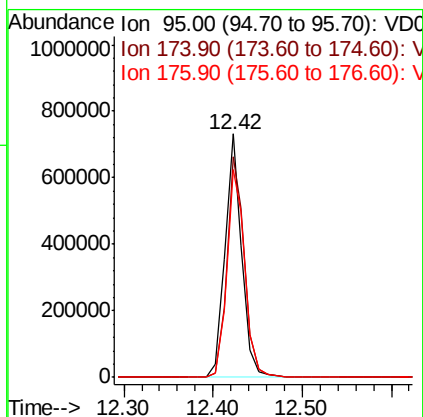
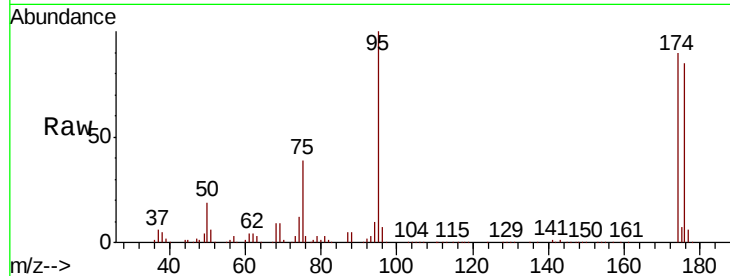




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060176.D
Acq: 24 Oct 2018 12:22

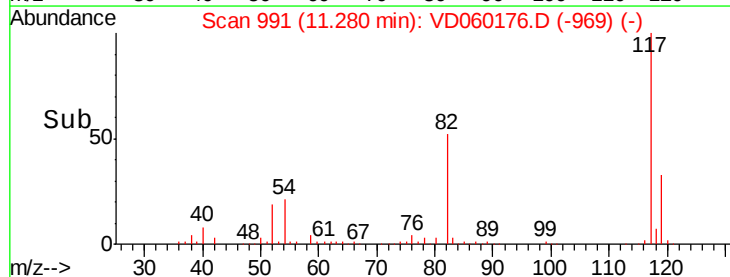
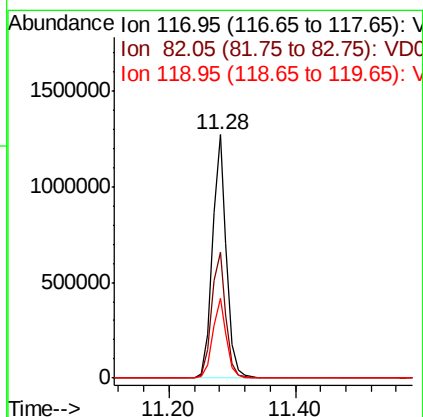
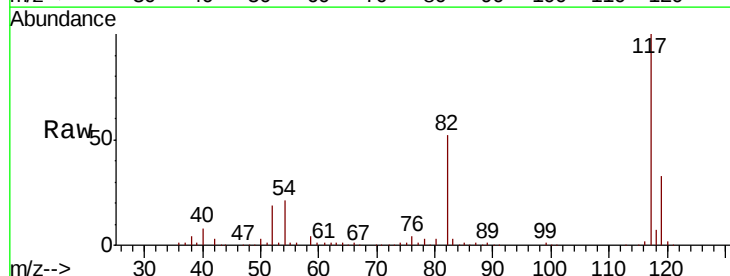
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

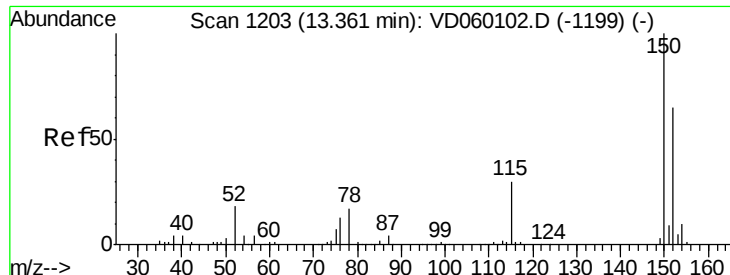
Tot Ion: 95 Resp: 971982
Ion Ratio Lower Upper
95 100
174 90.4 0.0 200.2
176 85.3 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.02 min
Lab File: VD060176.D
Acq: 24 Oct 2018 12:22

Tgt Ion: 117 Resp: 1978247
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.2
119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBL01

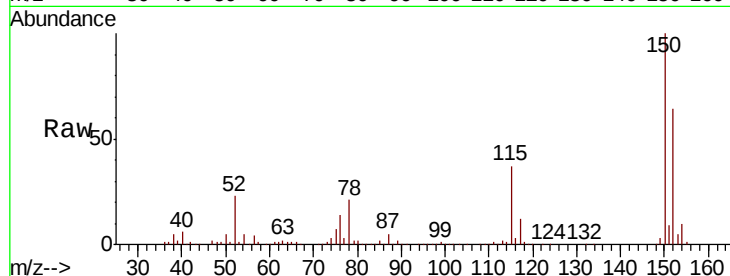
Tot Ion:152 Resp: 1050278

Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.2

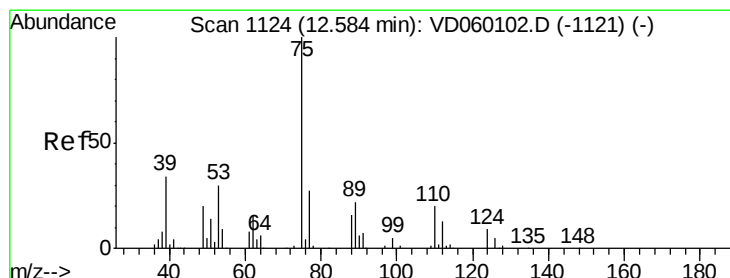
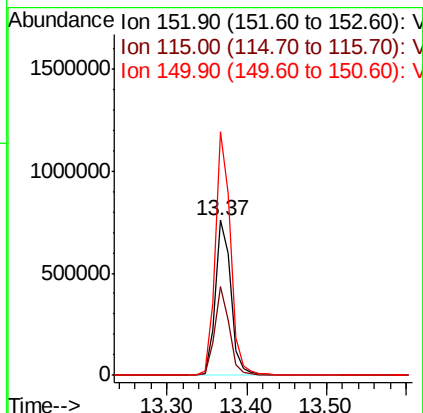
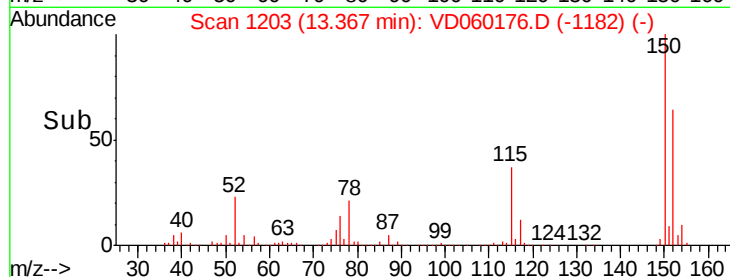
150 157.2 0.0 311.8



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: 24.269 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VD060176.D

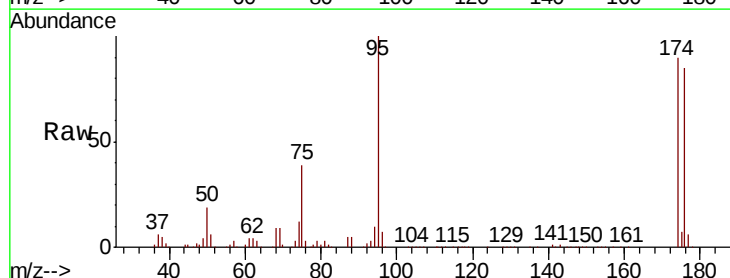
Acq: 24 Oct 2018 12:22

Tgt Ion: 75 Resp: 367081

Ion Ratio Lower Upper

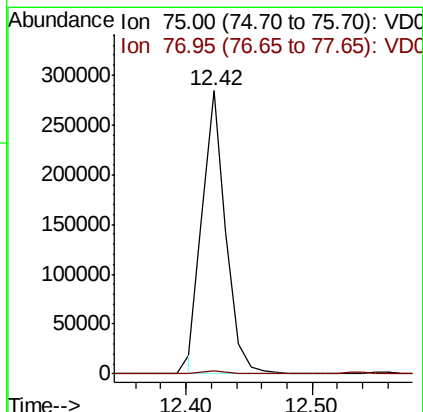
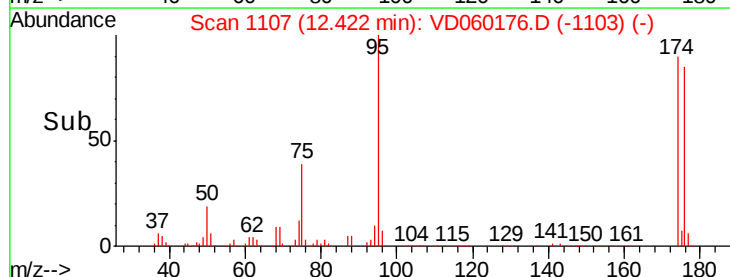
75 100

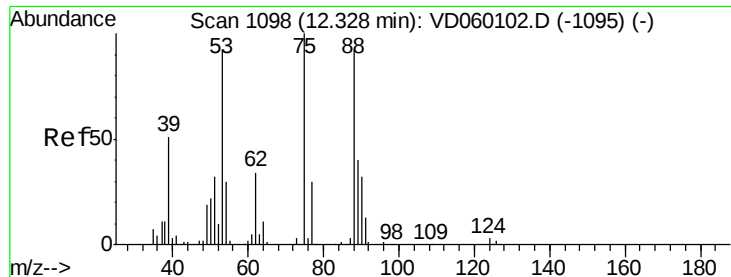
77 1.3 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 89.668 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBL01

Tot Ion: 75 Resp: 381092

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#

