

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
 Data File : VD060346.D
 Acq On : 12 Nov 2018 19:19
 Operator : JC/SY
 Sample : J5908-03
 Misc : 7.07g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-2-S

Quant Time: Nov 13 00:42:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	76983	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	142928	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	145158	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	80205	50.00	ug/l	-0.02

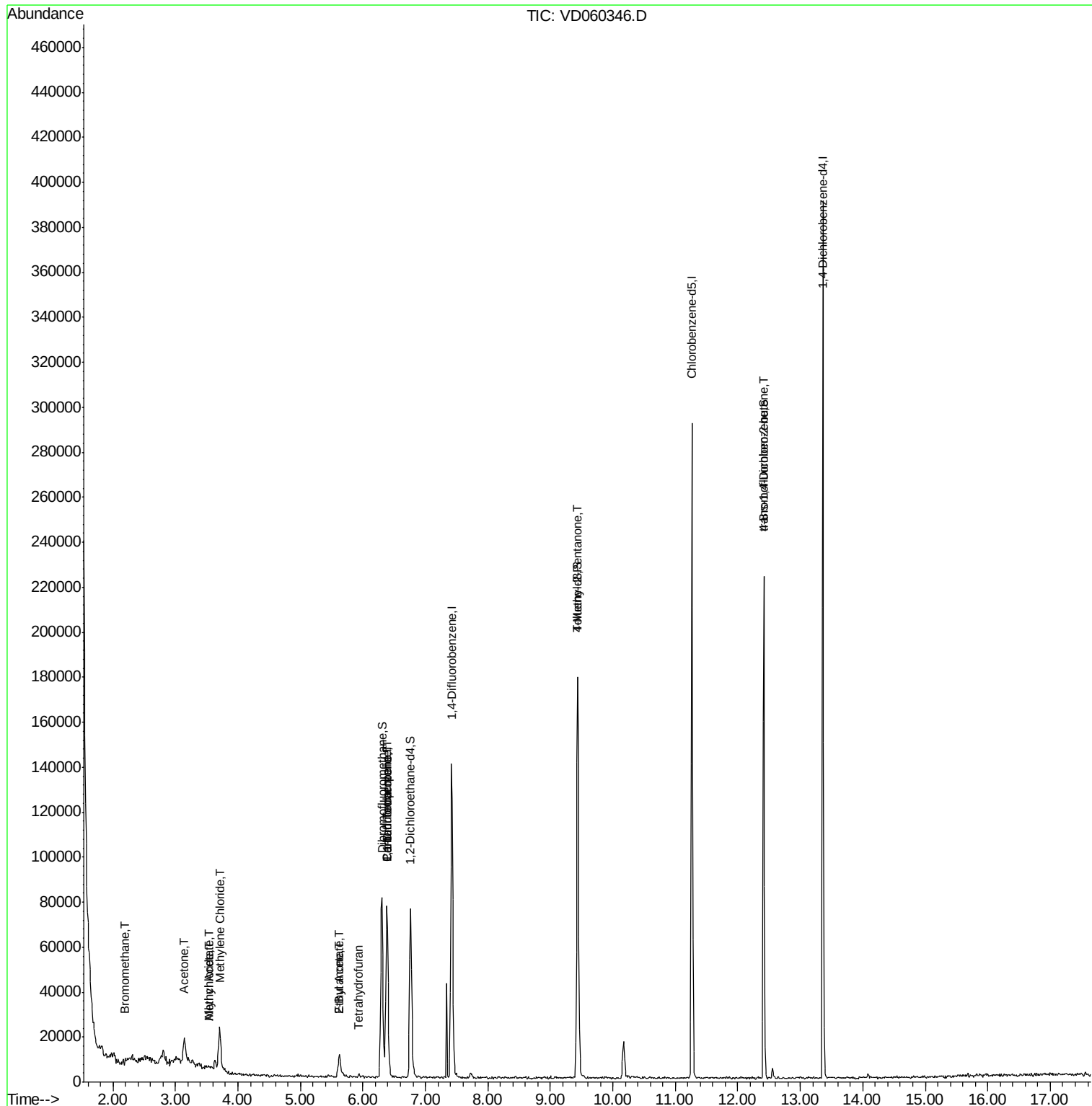
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	65847	119.46	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	238.92%	
35) Dibromofluoromethane	6.31	113	64186	60.22	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	120.44%	
50) Toluene-d8	9.43	98	139167	44.61	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.42	95	59747	52.86	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	105.72%	

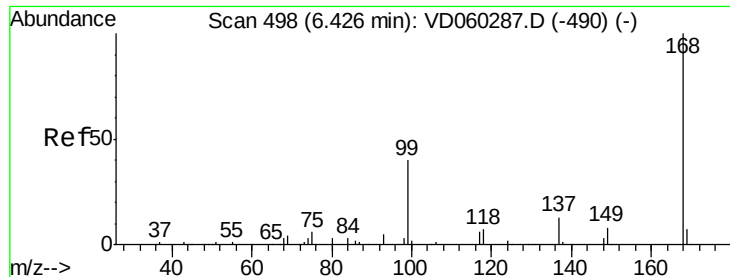
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	413	2.923	ug/l #	2
14) Allyl chloride	3.52	41	870	1.210	ug/l #	79
16) Acetone	3.15	43	24071	251.753	ug/l	96
18) Methyl Acetate	3.53	43	1266	6.210	ug/l #	63
20) Methylene Chloride	3.71	84	10968	12.931	ug/l	95
25) 2-Butanone	5.61	43	979	4.926	ug/l #	60
29) Tetrahydrofuran	5.93	42	972	9.277	ug/l #	41
36) 1,1-Dichloropropene	6.38	75	5622	3.981	ug/l #	41
37) Ethyl Acetate	5.61	43	979	1.507	ug/l #	69
38) Carbon Tetrachloride	6.39	117	5334	4.072	ug/l #	12
51) 4-Methyl-2-Pentanone	9.43	43	998	1.879	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.42	75	26045	95.350	ug/l #	15

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

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD111218\
Data File : VD060346.D
Acq On : 12 Nov 2018 19:19
Operator : JC/SY
Sample : J5908-03
Misc : 7.07g/5ml/MSV0A_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 13 00:42:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampleId :

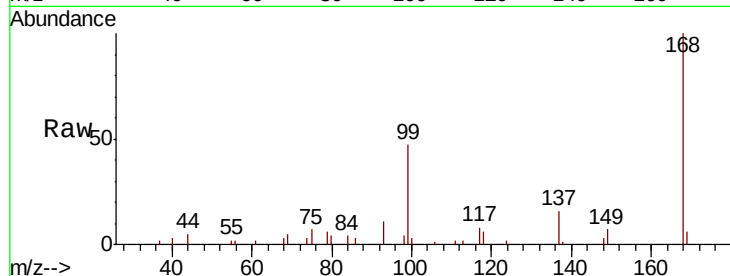
SR-2-S

Tgt Ion:168 Resp: 76983

Ion Ratio Lower Upper

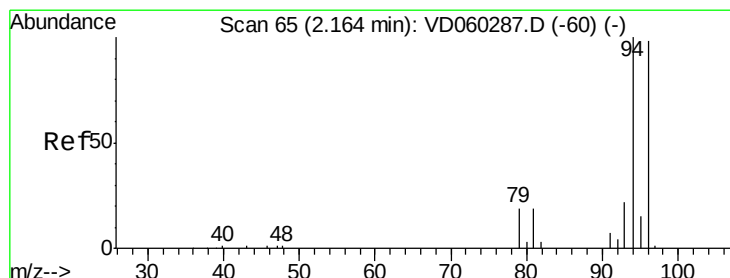
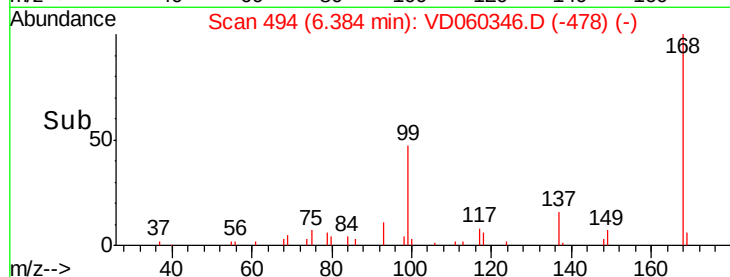
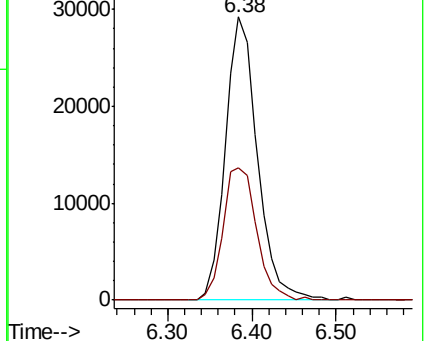
168 100

99 46.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 2.923 ug/l

RT: 2.19 min Scan# 68

Delta R.T. 0.03 min

Lab File: VD060346.D

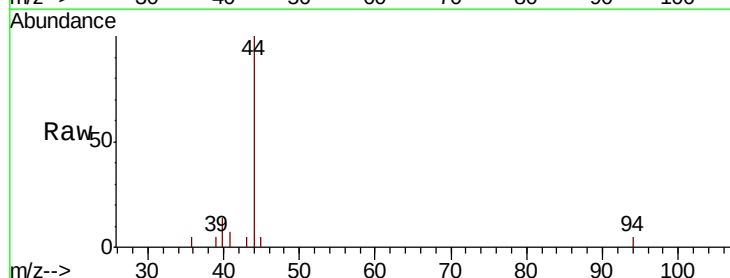
Acq: 12 Nov 2018 19:19

Tgt Ion: 94 Resp: 413

Ion Ratio Lower Upper

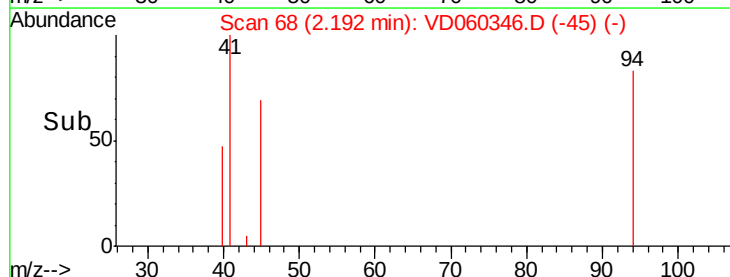
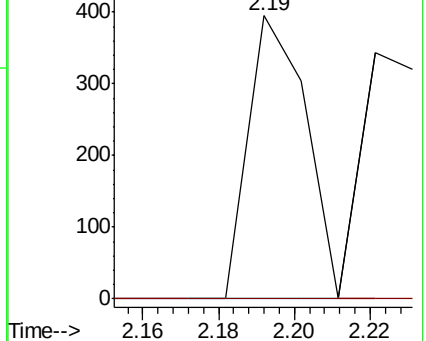
94 100

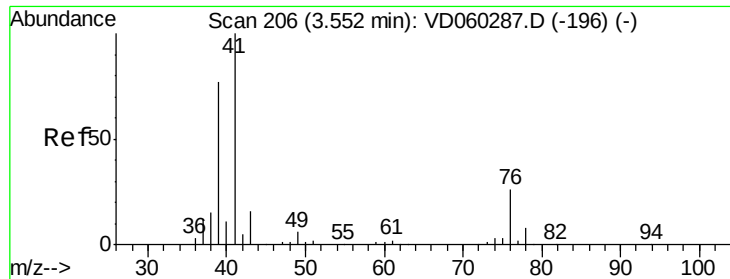
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

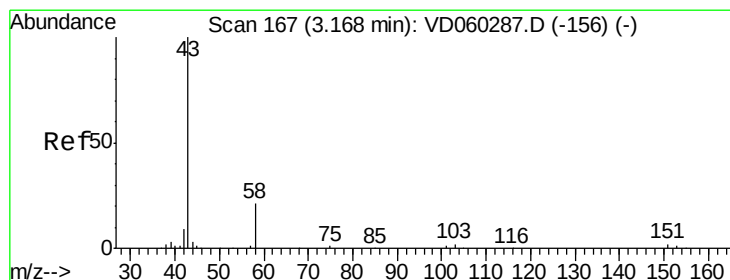
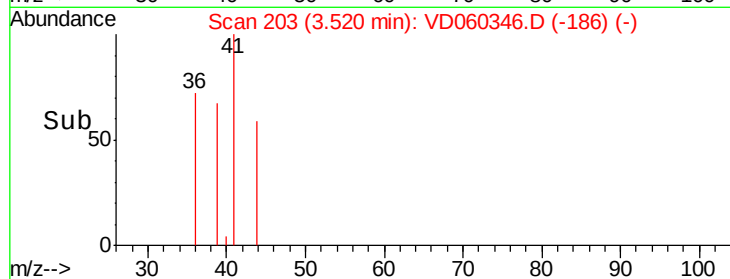
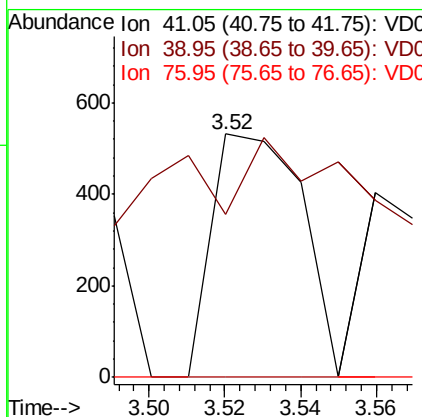
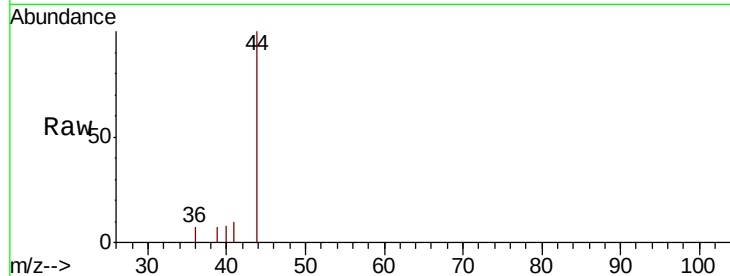




#14
 Allyl chloride
 Concen: 1.210 ug/l
 RT: 3.52 min Scan# 203
 Delta R.T. -0.03 min
 Lab File: VD060346.D
 Acq: 12 Nov 2018 19:19

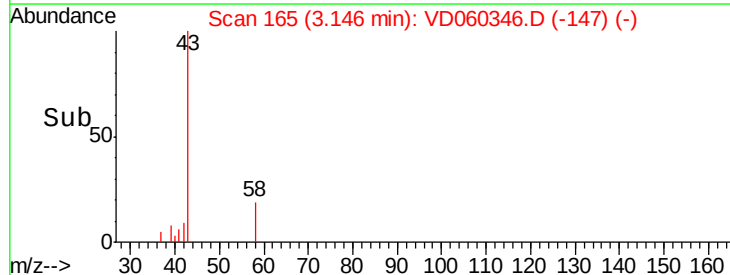
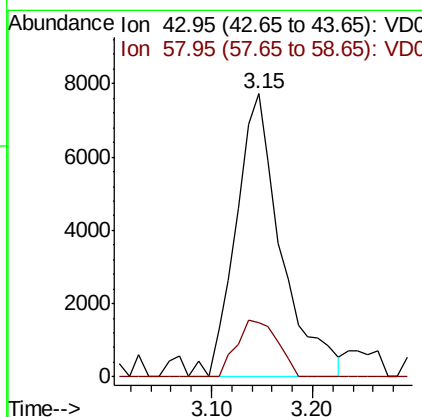
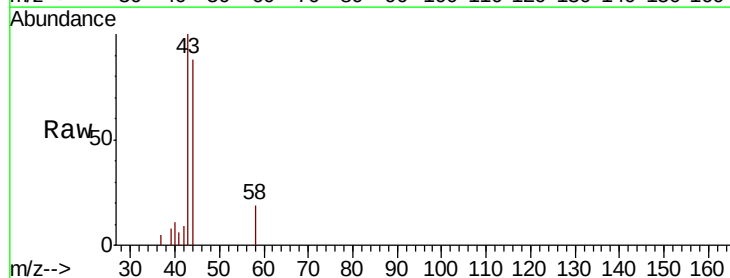
Instrument :
 MSVOA_D
 ClientSampleId :
 SR-2-S

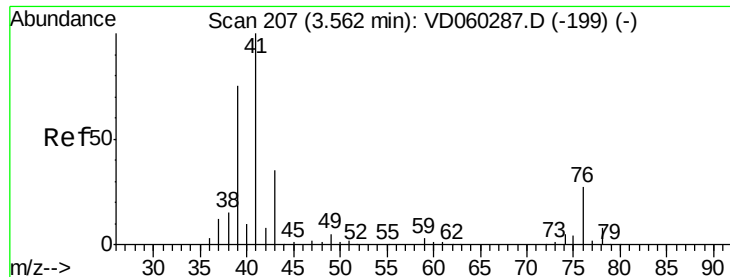
Tgt Ion: 41 Resp: 870
 Ion Ratio Lower Upper
 41 100
 39 66.7 60.4 90.6
 76 0.0 21.8 32.8#



#16
 Acetone
 Concen: 251.753 ug/l
 RT: 3.15 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: VD060346.D
 Acq: 12 Nov 2018 19:19

Tgt Ion: 43 Resp: 24071
 Ion Ratio Lower Upper
 43 100
 58 19.0 16.9 25.3

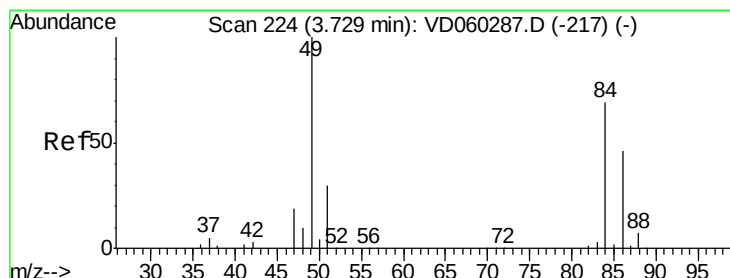
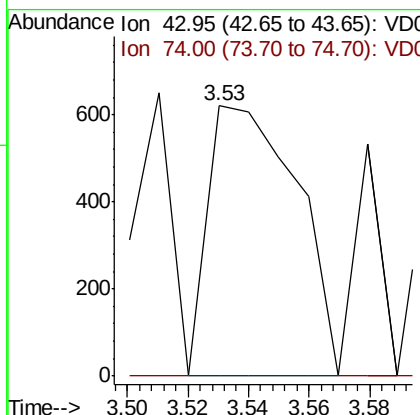
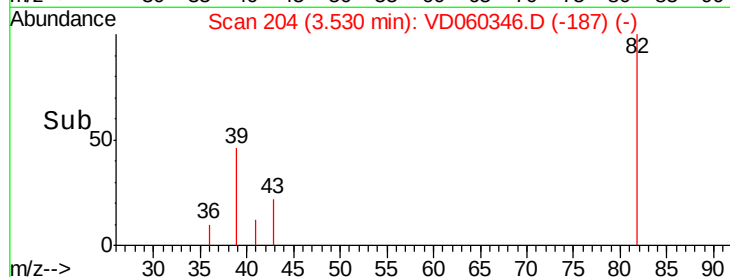
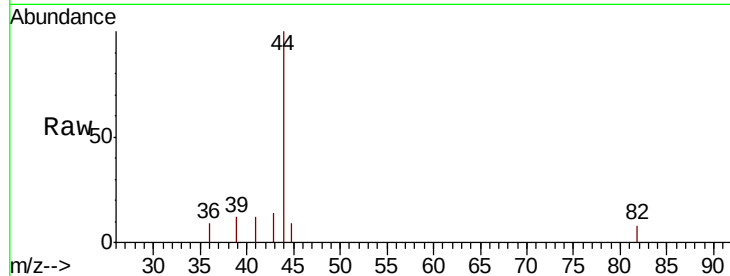




#18
Methyl Acetate
Concen: 6.210 ug/l
RT: 3.53 min Scan# 204
Delta R.T. -0.03 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

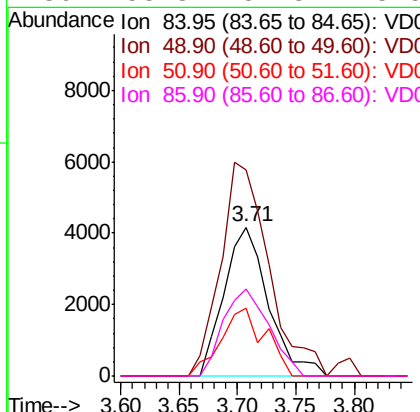
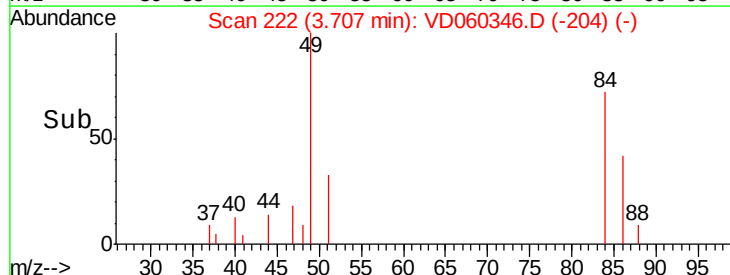
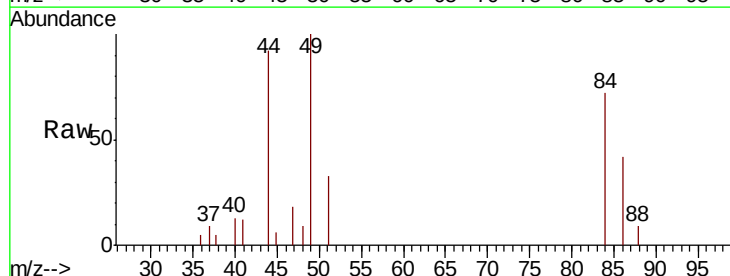
Instrument :
MSVOA_D
ClientSampleId :
SR-2-S

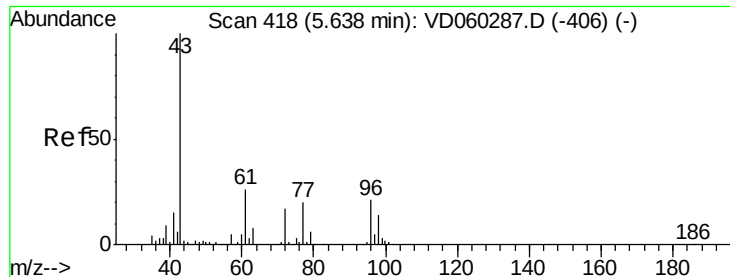
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#



#20
Methylene Chloride
Concen: 12.931 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Tgt Ion: 84 Resp: 10968
Ion Ratio Lower Upper
84 100
49 138.4 115.6 173.4
51 45.9 35.6 53.4
86 58.8 52.3 78.5





#25

2-Butanone

Concen: 4.926 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.03 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampled :

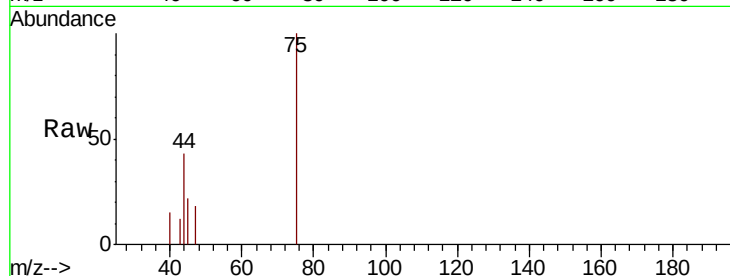
SR-2-S

Tgt Ion: 43 Resp: 979

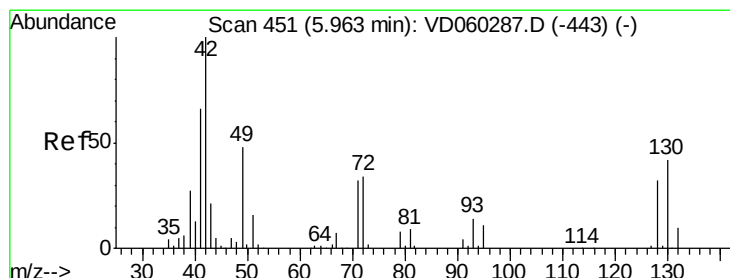
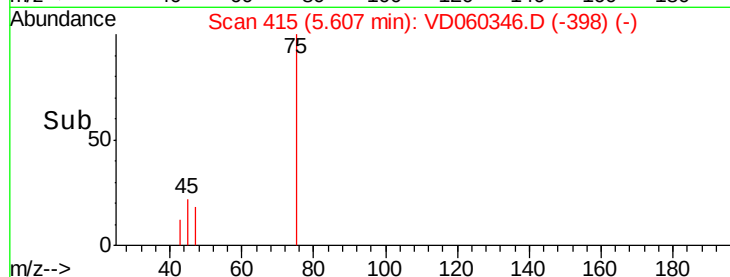
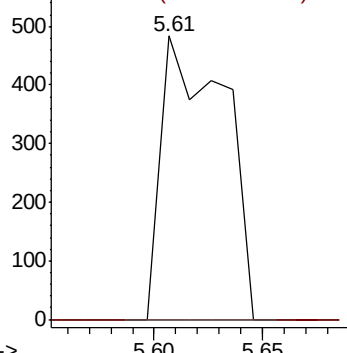
Ion Ratio Lower Upper

43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC



#29

Tetrahydrofuran

Concen: 9.277 ug/l

RT: 5.93 min Scan# 448

Delta R.T. -0.03 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

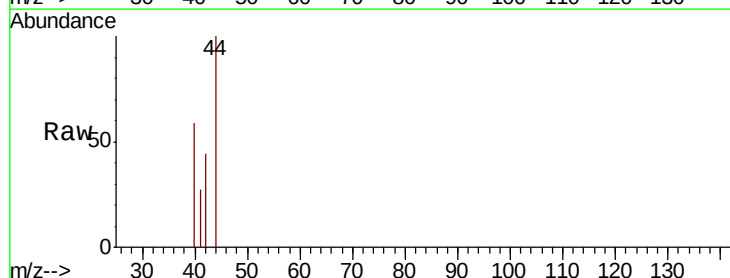
Tgt Ion: 42 Resp: 972

Ion Ratio Lower Upper

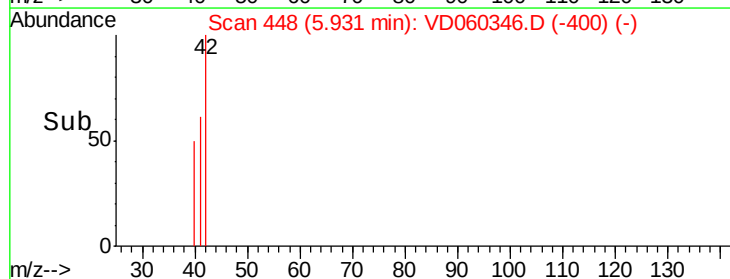
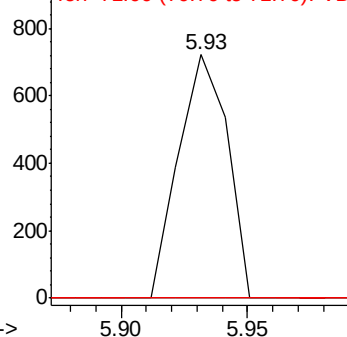
42 100

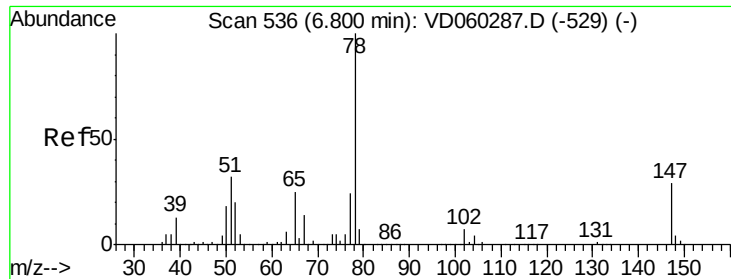
72 0.0 27.6 41.4#

71 0.0 26.5 39.7#



Abundance Ion 42.00 (41.70 to 42.70): VDC

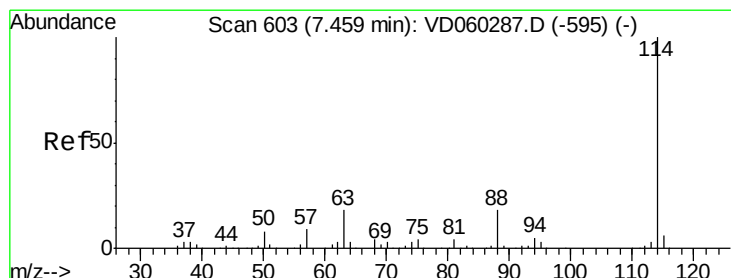
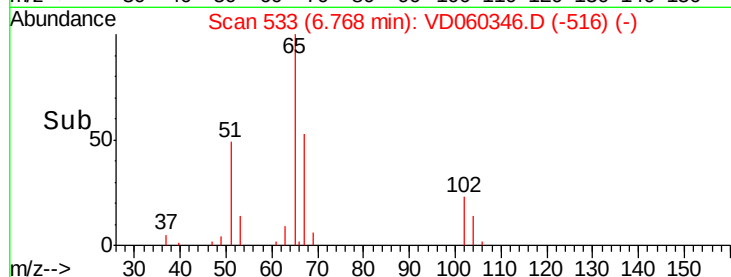
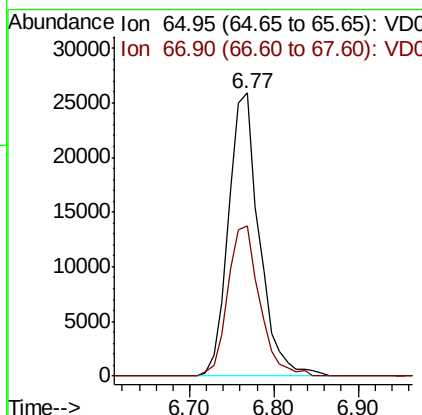
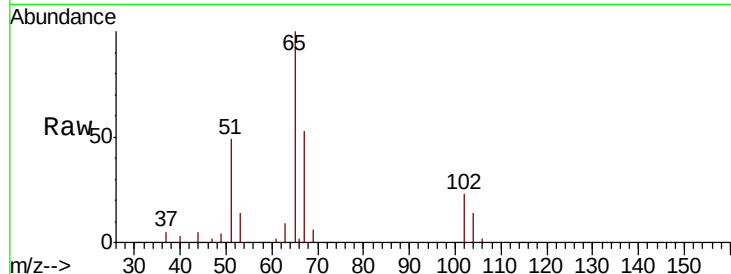




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.03 min
 Lab File: VD060346.D
 Acq: 12 Nov 2018 19:19

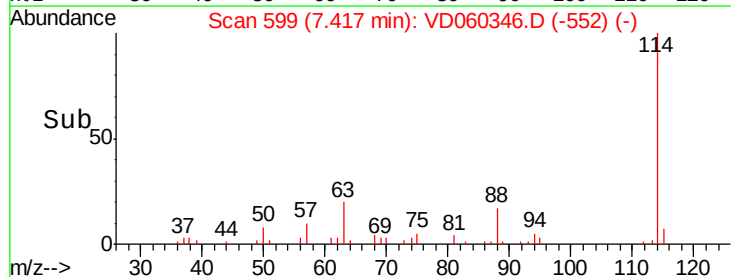
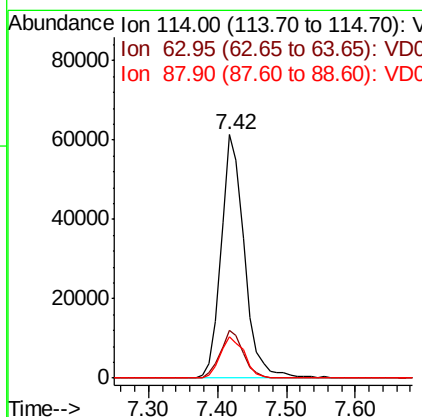
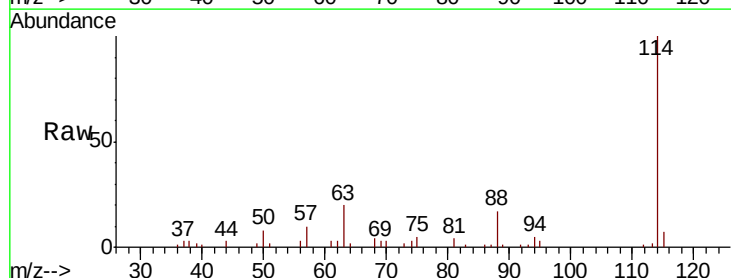
Instrument :
 MSVOA_D
 ClientSampleId :
 SR-2-S

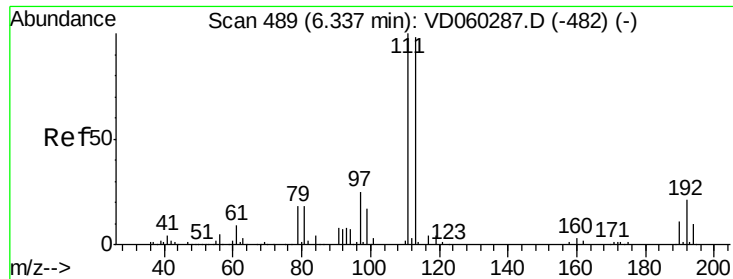
Tgt Ion: 65 Resp: 65847
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060346.D
 Acq: 12 Nov 2018 19:19

Tgt Ion: 114 Resp: 142928
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 34.0
 88 17.2 0.0 35.4

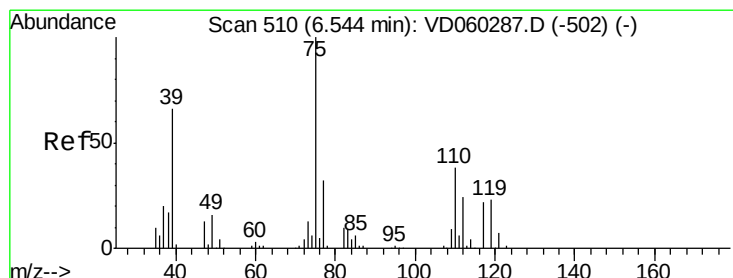
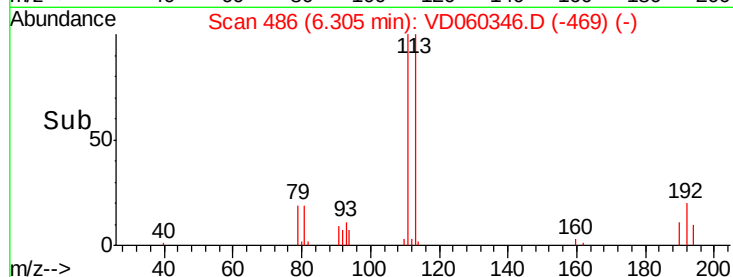
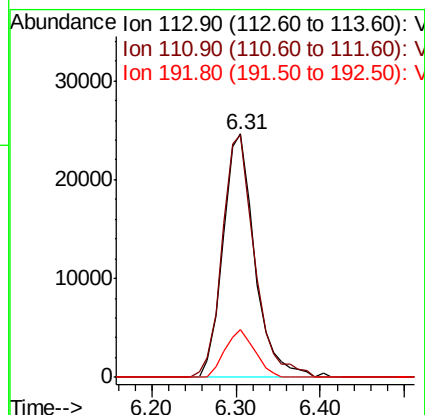
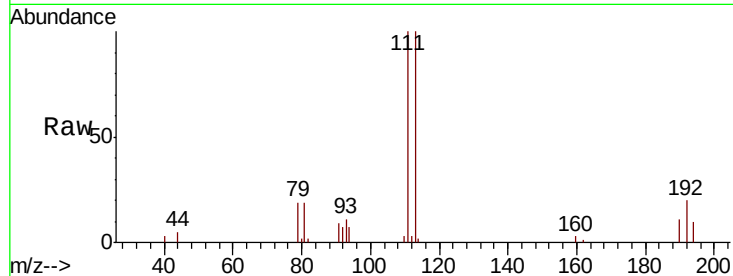




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.03 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

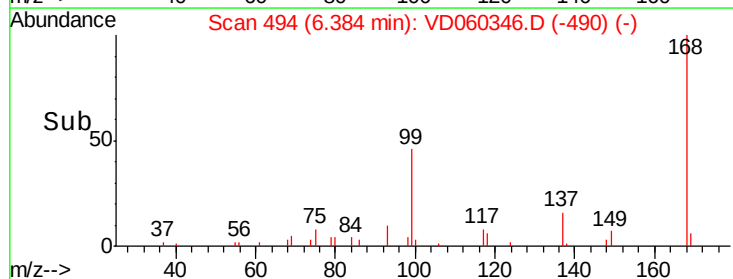
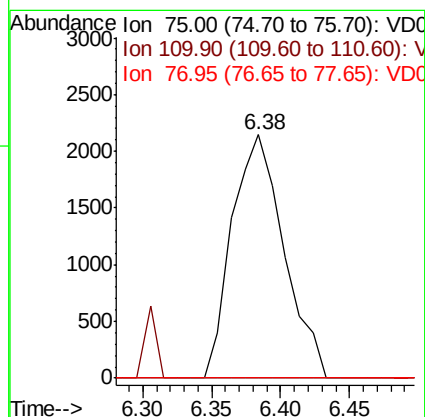
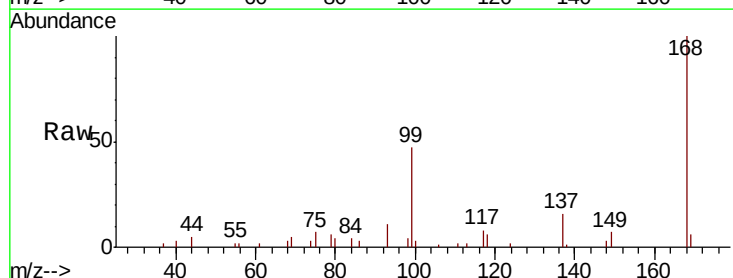
Instrument :
MSVOA_D
ClientSampleId :
SR-2-S

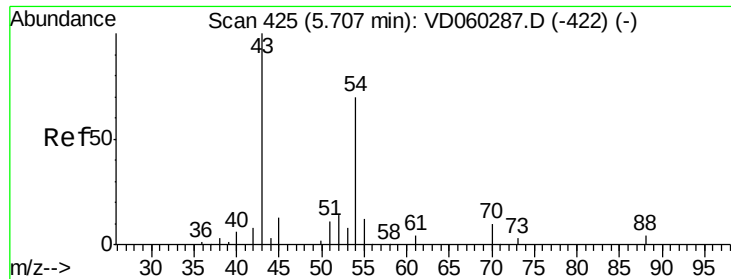
Tgt Ion: 113 Resp: 64186
Ion Ratio Lower Upper
113 100
111 99.5 81.6 122.4
192 19.7 16.5 24.7



#36
1,1-Dichloropropene
Concen: 3.981 ug/l
RT: 6.38 min Scan# 494
Delta R.T. -0.16 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Tgt Ion: 75 Resp: 5622
Ion Ratio Lower Upper
75 100
110 0.0 18.0 54.0#
77 0.0 25.6 38.4#





#37

Ethyl Acetate

Concen: 1.507 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.10 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampleId :

SR-2-S

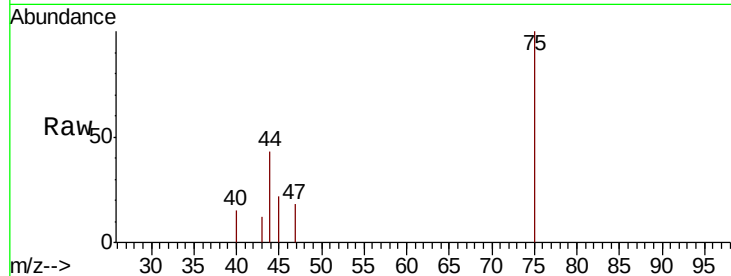
Tgt Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 6.2 9.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

5.61

400

300

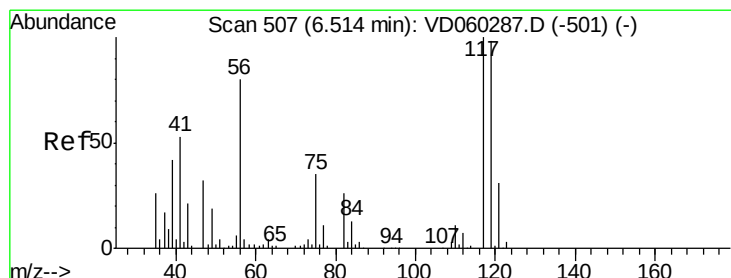
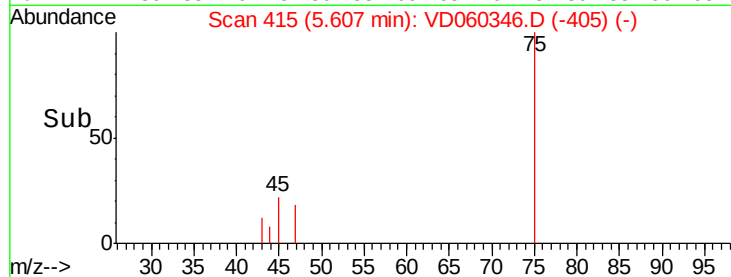
200

100

0

5.60 5.65

Time-->



#38

Carbon Tetrachloride

Concen: 4.072 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.12 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

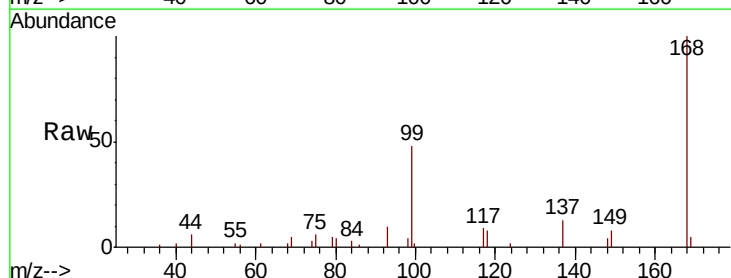
Tgt Ion: 117 Resp: 5334

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.3 36.5#



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

3000

2500

2000

1500

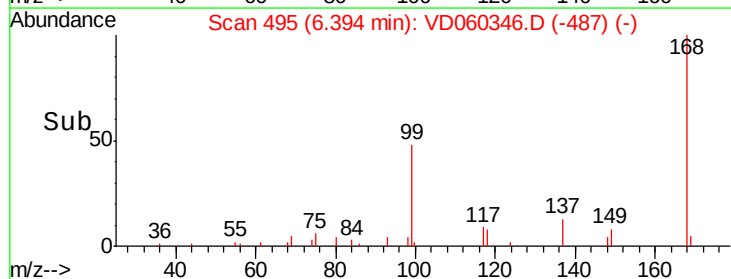
1000

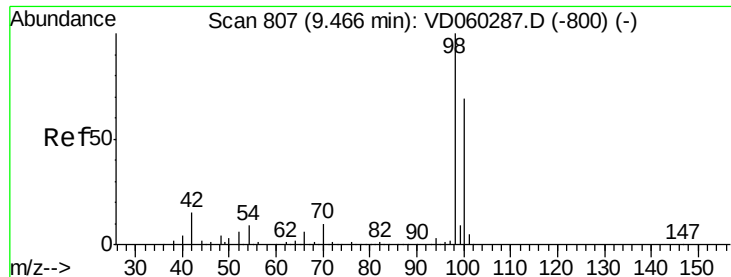
500

0

6.30 6.35 6.40 6.45

Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampleId :

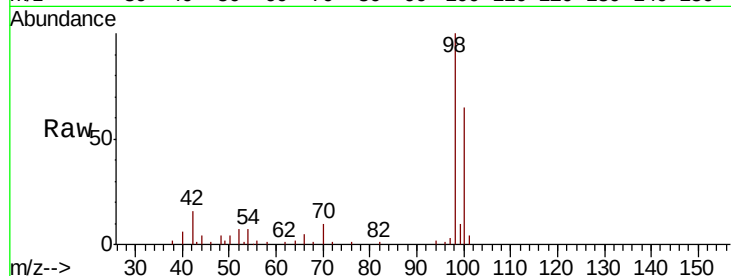
SR-2-S

Tgt Ion: 98 Resp: 139167

Ion Ratio Lower Upper

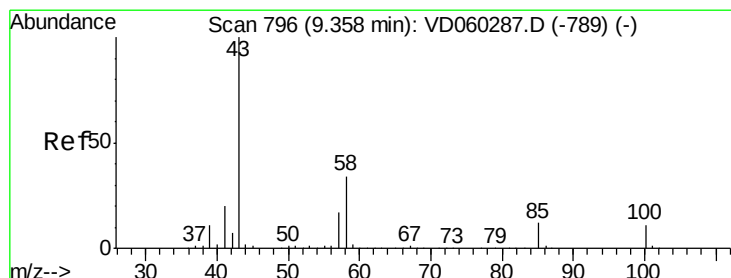
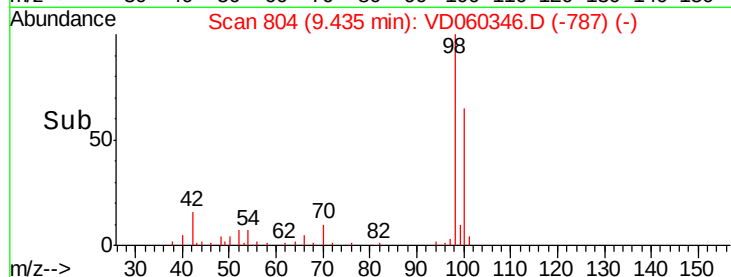
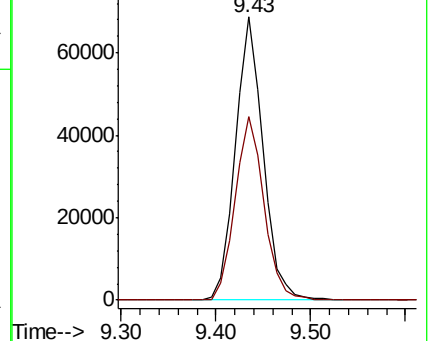
98 100

100 65.0 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.879 ug/l

RT: 9.43 min Scan# 804

Delta R.T. 0.08 min

Lab File: VD060346.D

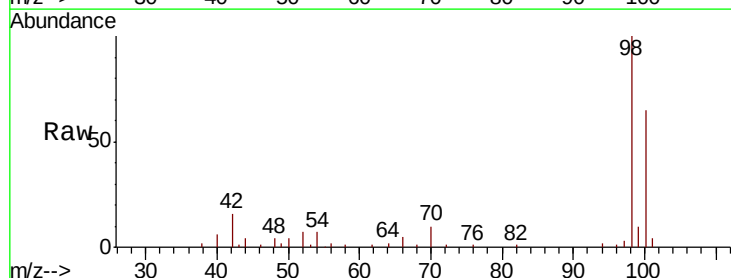
Acq: 12 Nov 2018 19:19

Tgt Ion: 43 Resp: 998

Ion Ratio Lower Upper

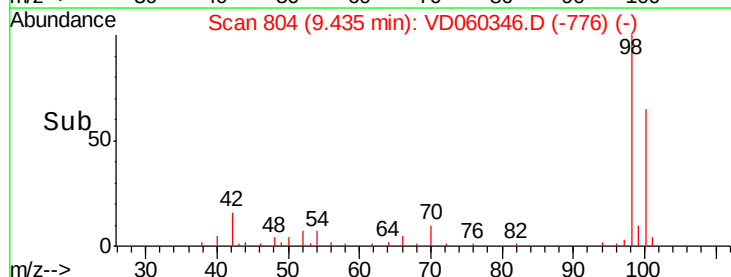
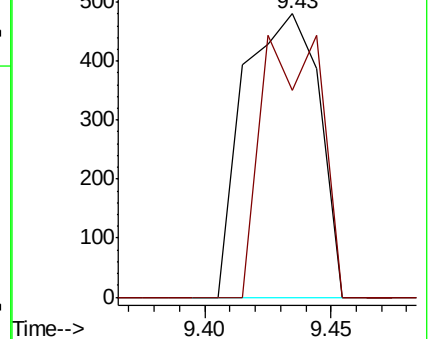
43 100

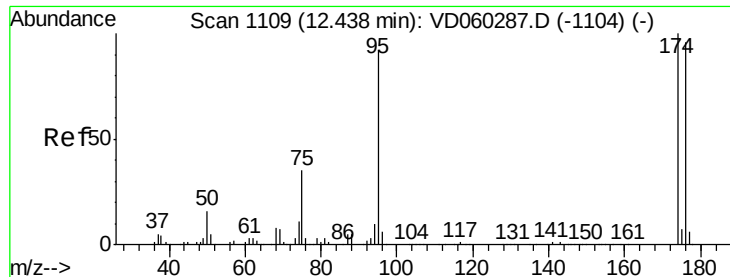
58 72.9 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

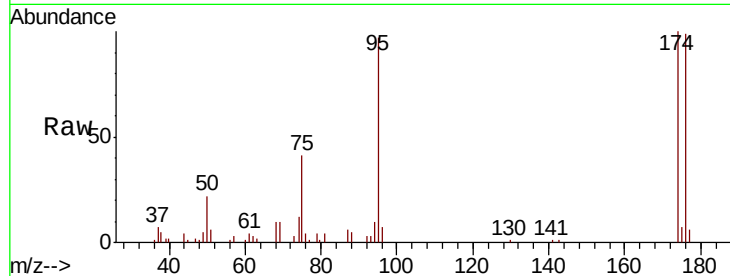




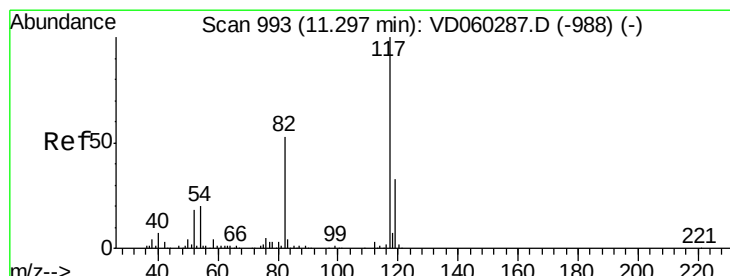
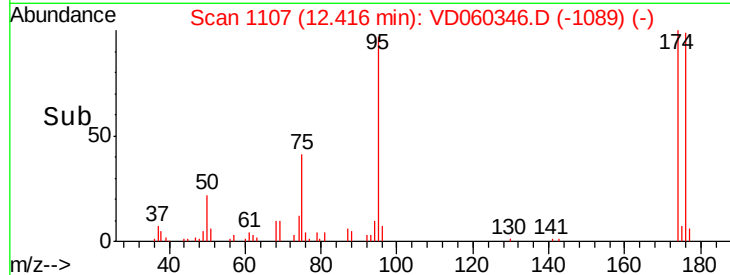
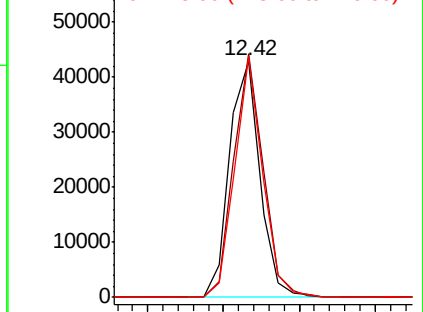
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Instrument :
MSVOA_D
ClientSampleId :
SR-2-S

Tgt Ion: 95 Resp: 59747
Ion Ratio Lower Upper
95 100
174 103.2 0.0 160.8
176 102.3 0.0 154.6

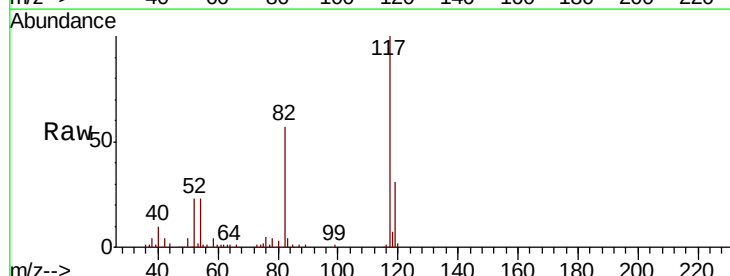


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

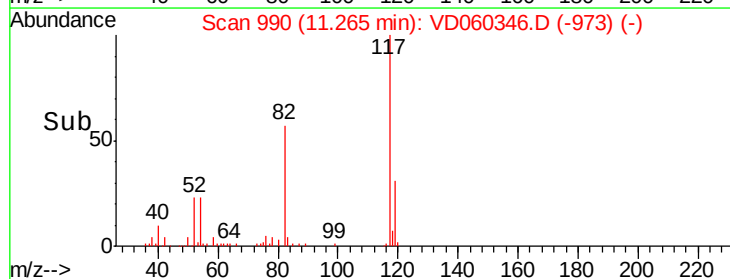
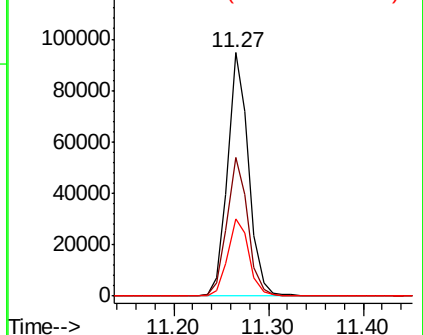


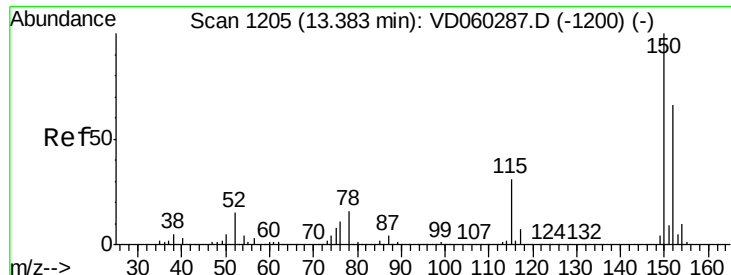
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Tgt Ion: 117 Resp: 145158
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 31.5 26.1 39.1



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: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampled :

SR-2-S

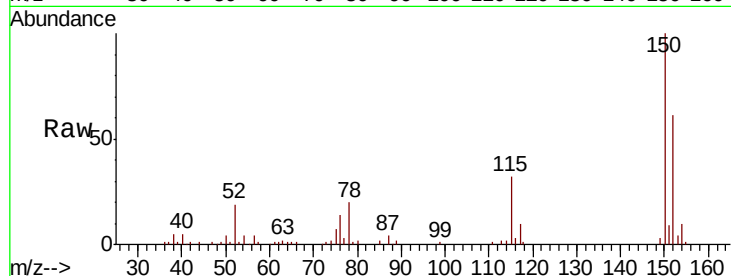
Tgt Ion:152 Resp: 80205

Ion Ratio Lower Upper

152 100

115 52.1 24.1 72.3

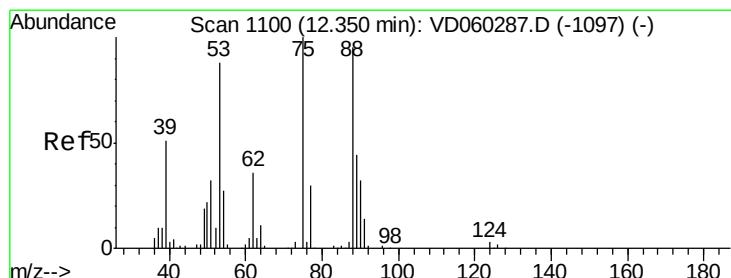
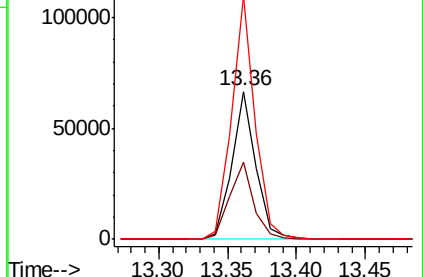
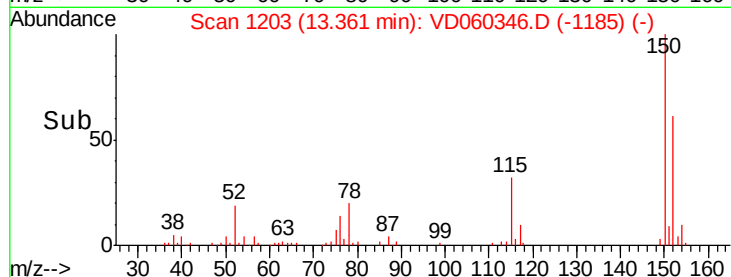
150 164.3 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 95.350 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.07 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

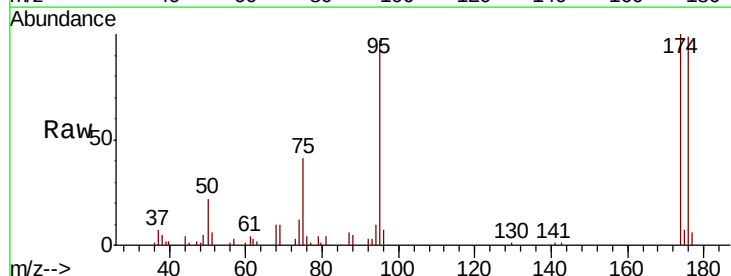
Tgt Ion: 75 Resp: 26045

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

