

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006555.D
 Acq On : 01 Nov 2018 13:31
 Operator : SY/AP
 Sample : J5649-05RE
 Misc : 5.40G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02C

Quant Time: Nov 01 14:14:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189441	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	95440	40.25	ug/l	0.00
Spiked Amount			Recovery	=	80.50%	
35) Dibromofluoromethane	7.88	113	98373	38.88	ug/l	0.00
Spiked Amount			Recovery	=	77.76%	
50) Toluene-d8	10.33	98	365105	37.90	ug/l	0.00
Spiked Amount			Recovery	=	75.80%	
62) 4-Bromofluorobenzene	12.62	95	127252	36.44	ug/l	0.00
Spiked Amount			Recovery	=	72.88%	

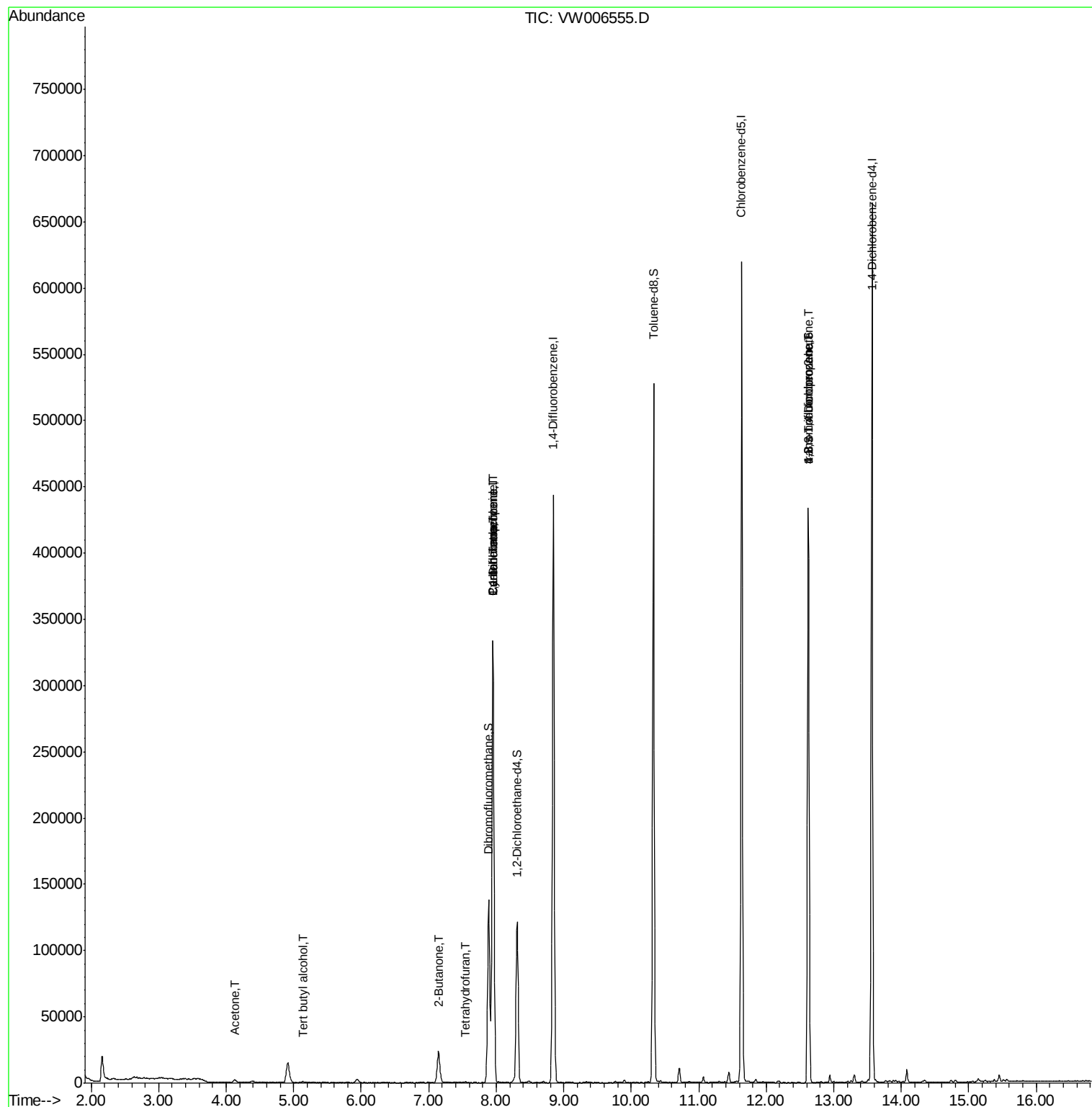
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	570	4.46	ug/l #	84
16) Acetone	4.12	43	4171	10.90	ug/l	96
20) Methylene Chloride	4.91	84	12517	Below Cal		97
25) 2-Butanone	7.14	43	1271	2.33	ug/l	92
29) Tetrahydrofuran	7.54	42	347	1.01	ug/l #	59
31) Cyclohexane	7.95	56	4661	1.23	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	16591	4.68	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23526	6.35	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	62745	42.45	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62745	106.75	ug/l #	11

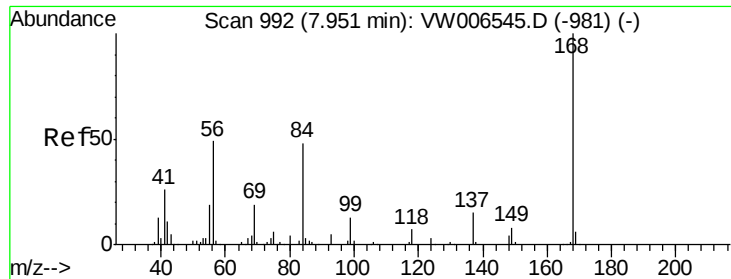
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
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DL-02C

Quant Time: Nov 01 14:14:19 2018
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

Instrument :

MSVOA_W

ClientSampled :

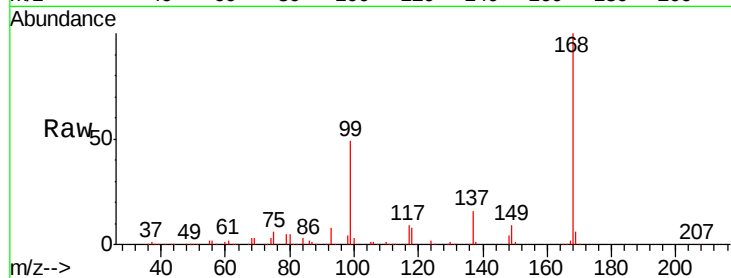
DL-02C

Tgt Ion: 168 Resp: 275854

Ion Ratio Lower Upper

168 100

99 49.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

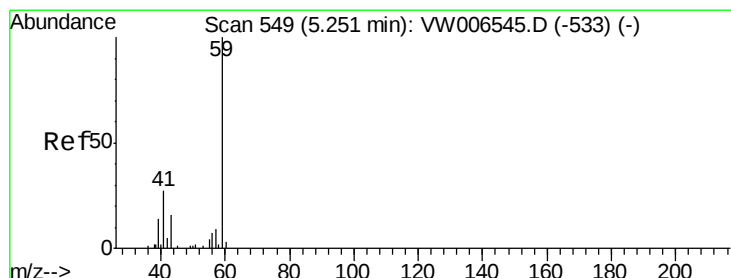
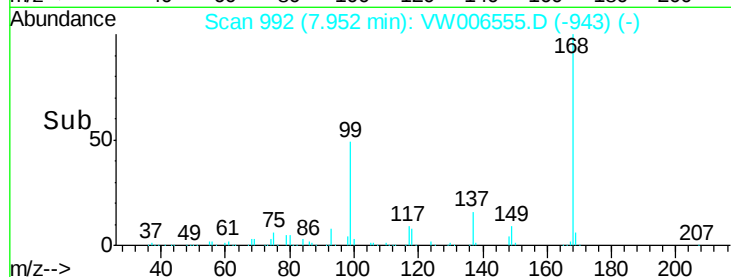
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.46 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.12 min

Lab File: VW006555.D

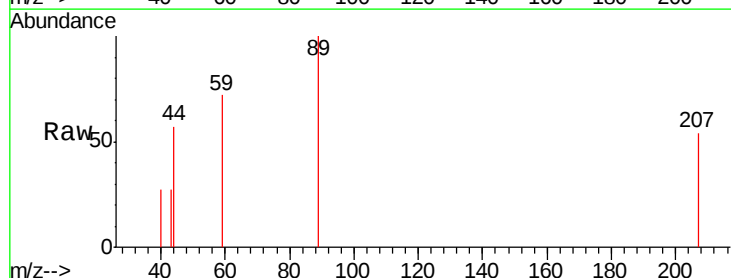
Acq: 01 Nov 2018 13:31

Tgt Ion: 59 Resp: 570

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

300

250

200

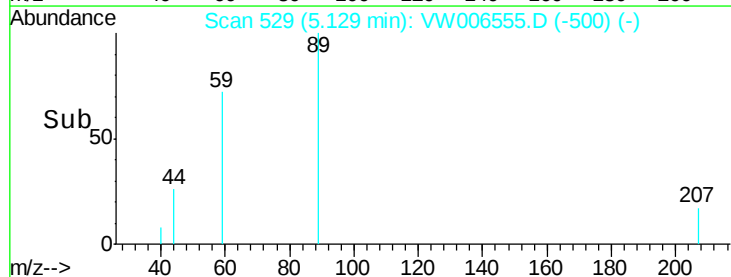
150

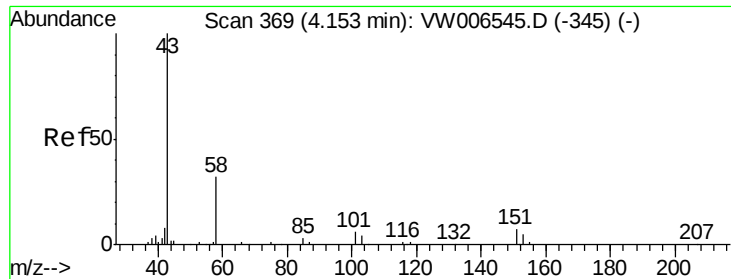
100

50

0

Time--> 5.05 5.10 5.15





#16

Acetone

Concen: 10.90 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

Instrument :

MSVOA_W

ClientSampleId :

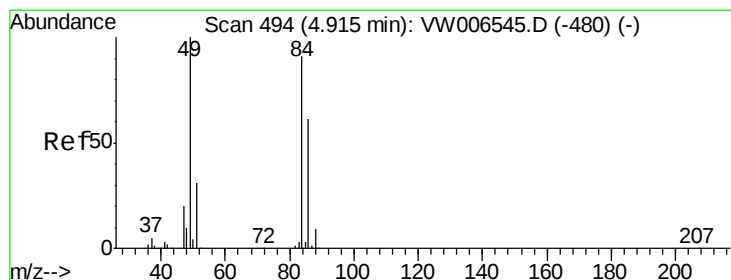
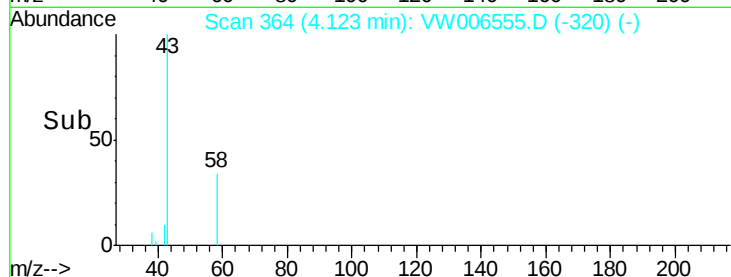
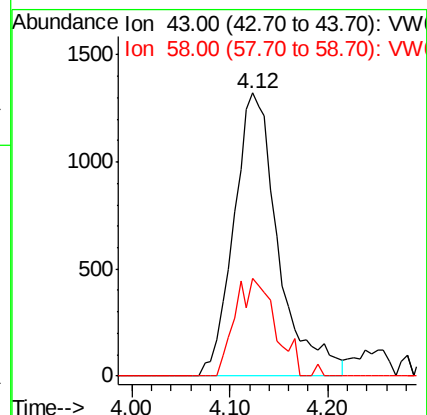
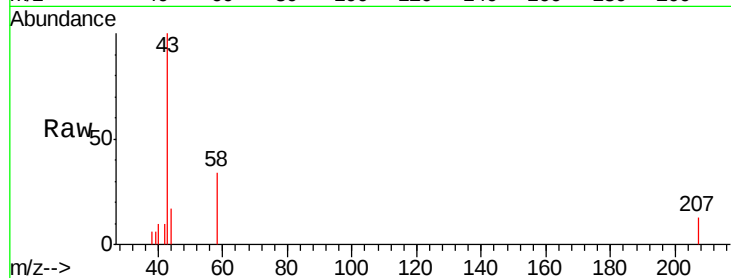
DL-02C

Tgt Ion: 43 Resp: 4171

Ion Ratio Lower Upper

43 100

58 34.3 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

Tgt Ion: 84 Resp: 12517

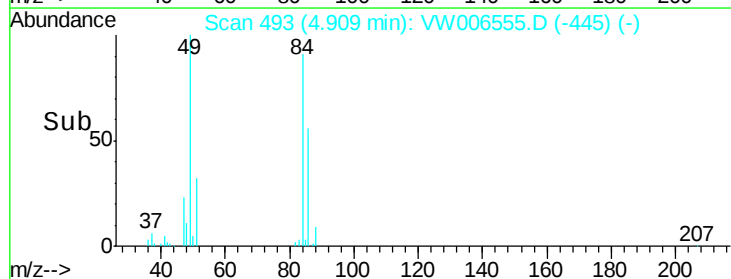
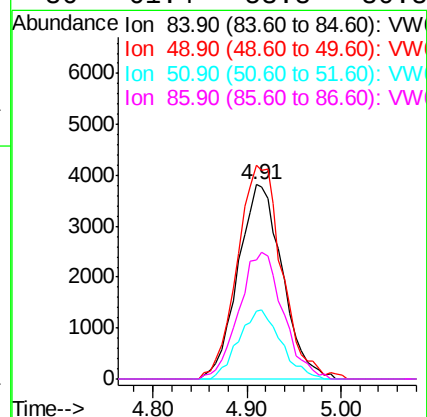
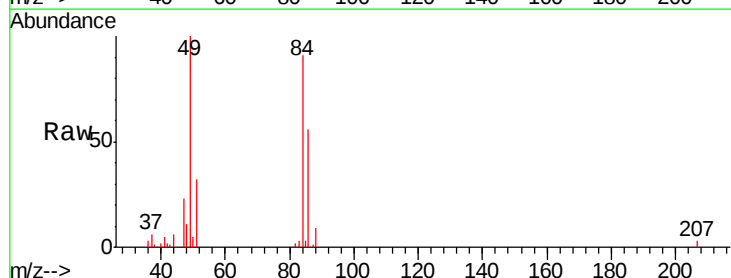
Ion Ratio Lower Upper

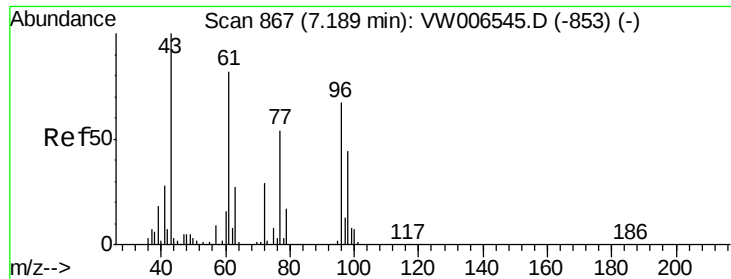
84 100

49 110.0 88.2 132.4

51 34.9 27.0 40.6

86 61.4 53.8 80.8

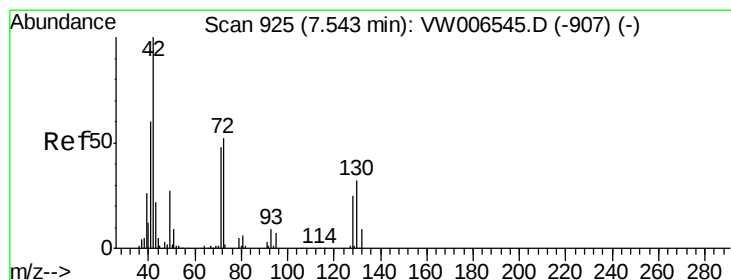
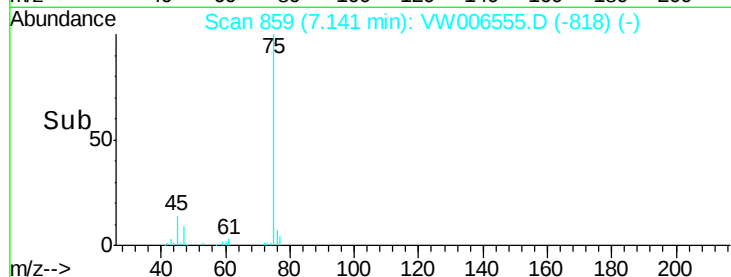
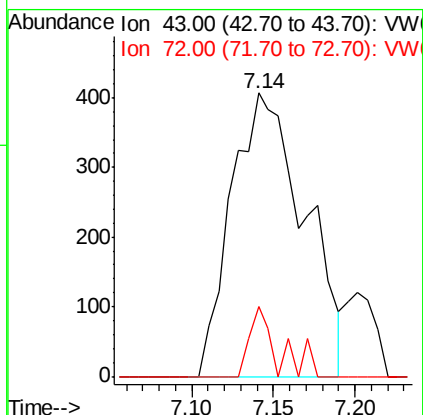
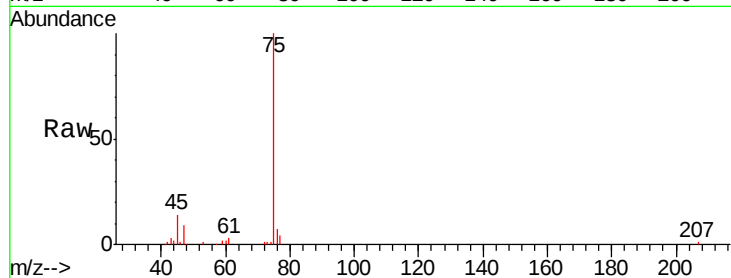




#25
2-Butanone
Concen: 2.33 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.05 min
Lab File: VW006555.D
Acq: 01 Nov 2018 13:31

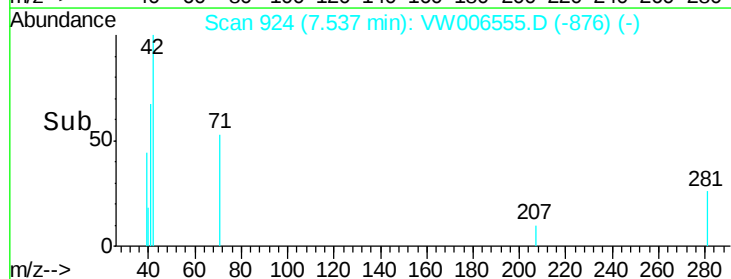
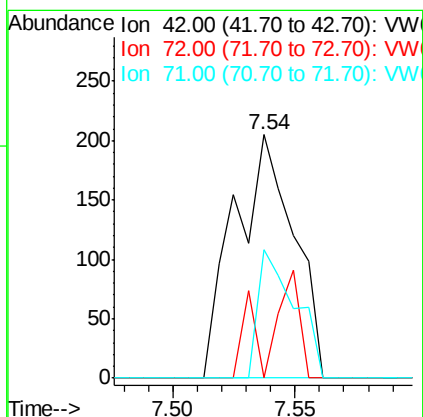
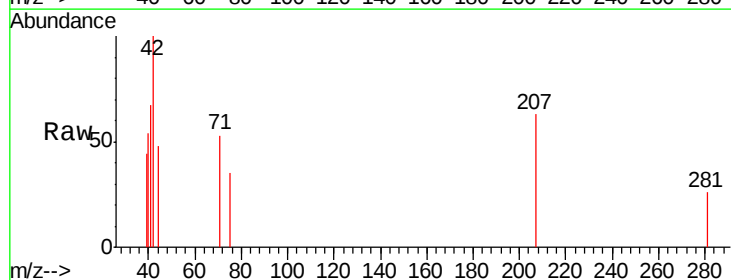
Instrument :
MSVOA_W
ClientSampled :
DL-02C

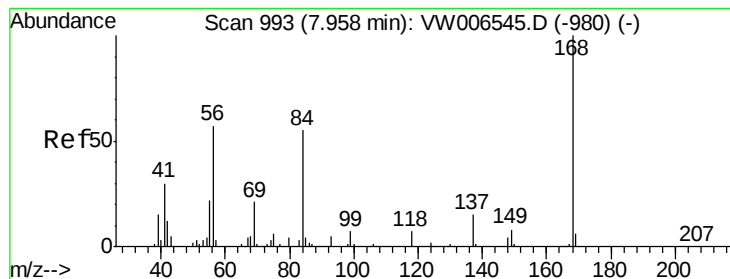
Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
72 24.6 23.2 34.8



#29
Tetrahydrofuran
Concen: 1.01 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006555.D
Acq: 01 Nov 2018 13:31

Tgt Ion: 42 Resp: 347
Ion Ratio Lower Upper
42 100
72 7.8 39.2 58.8#
71 33.1 37.6 56.4#





#31

Cyclohexane

Concen: 1.23 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

Instrument :

MSVOA_W

ClientSampled :

DL-02C

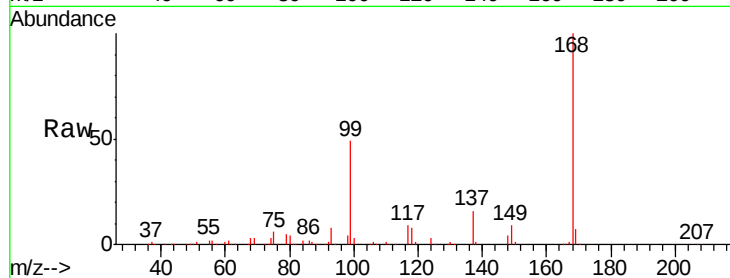
Tgt Ion: 56 Resp: 4661

Ion Ratio Lower Upper

56 100

69 170.9 29.0 43.4#

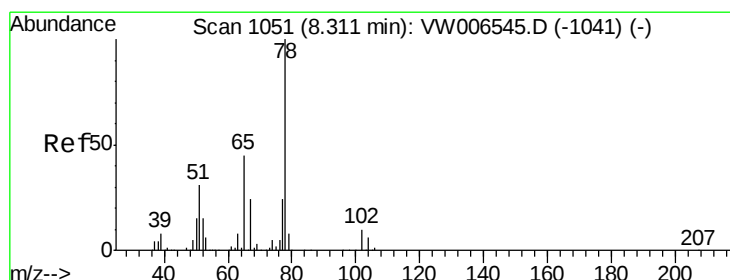
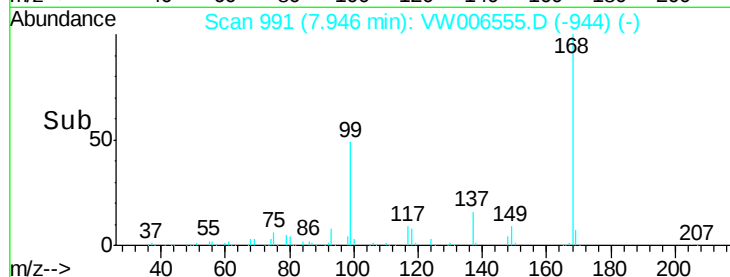
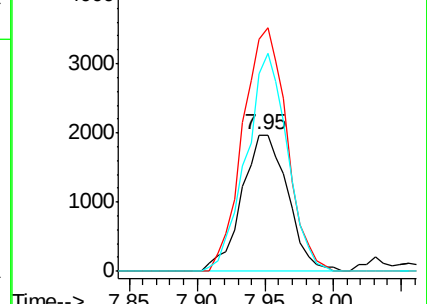
84 145.5 77.8 116.6#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 40.25 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006555.D

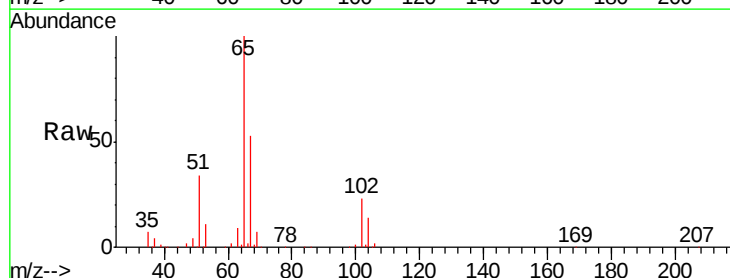
Acq: 01 Nov 2018 13:31

Tgt Ion: 65 Resp: 95440

Ion Ratio Lower Upper

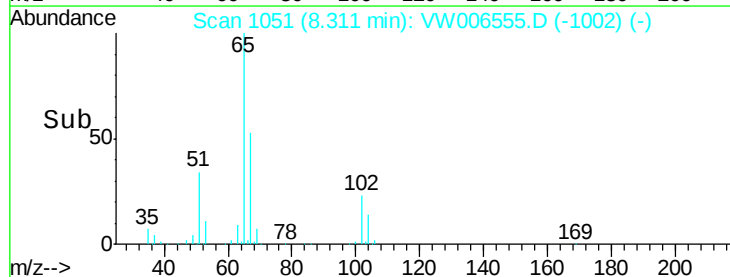
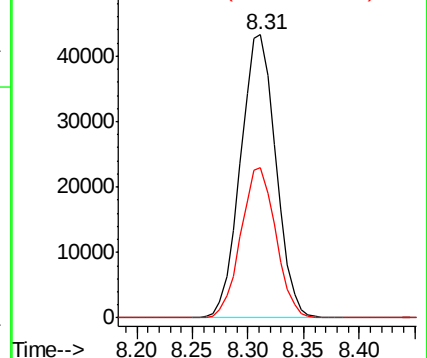
65 100

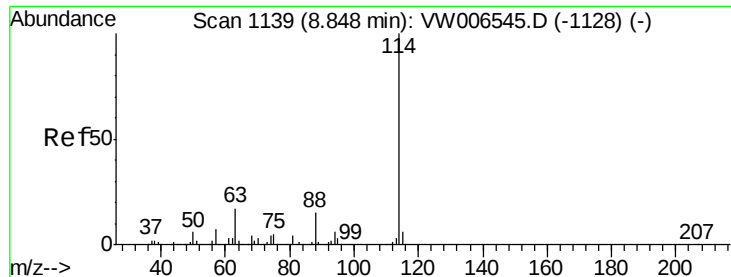
67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

Instrument :

MSVOA_W

ClientSampled :

DL-02C

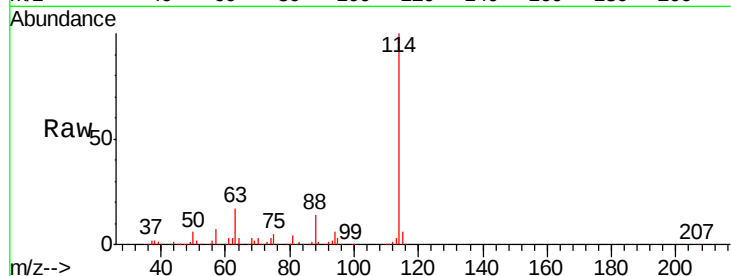
Tgt Ion:114 Resp: 403176

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

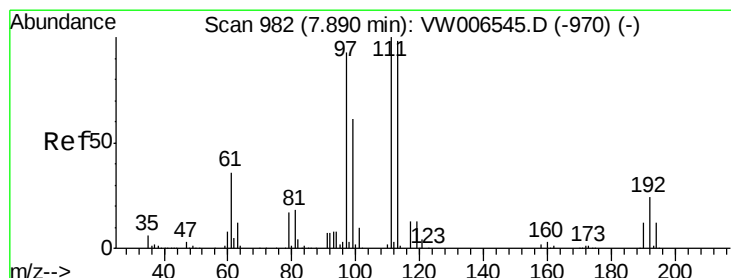
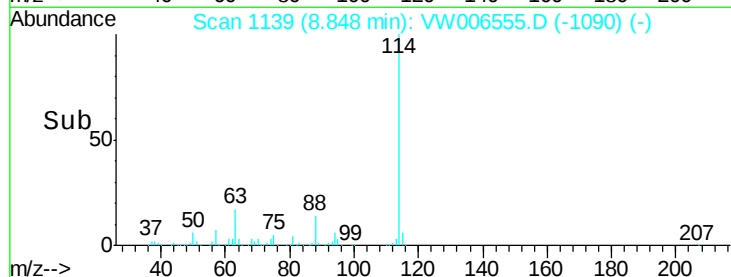
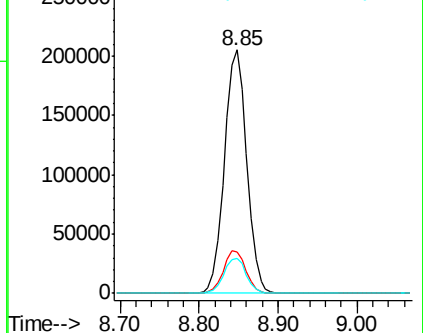
88 14.4 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 38.88 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

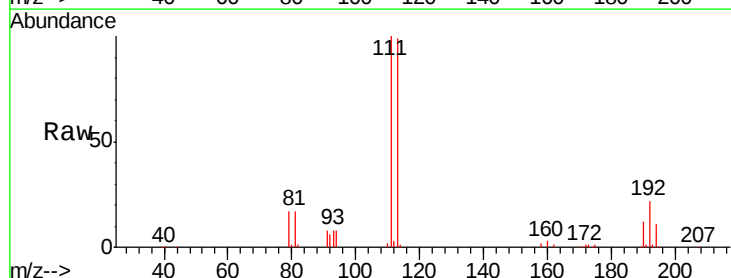
Tgt Ion:113 Resp: 98373

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

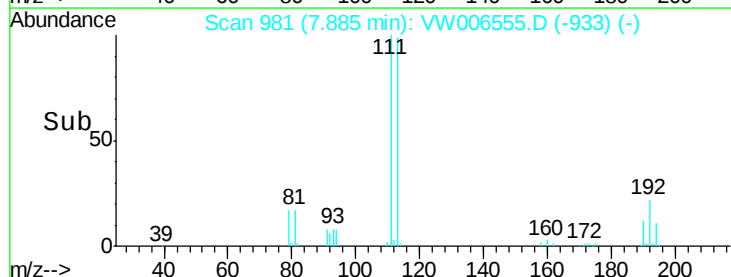
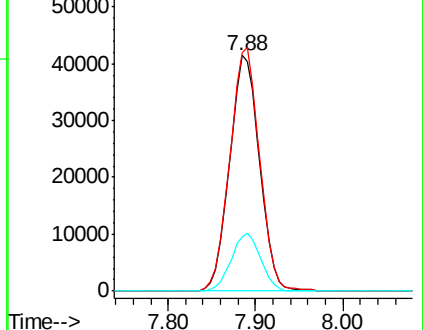
192 24.1 19.0 28.6

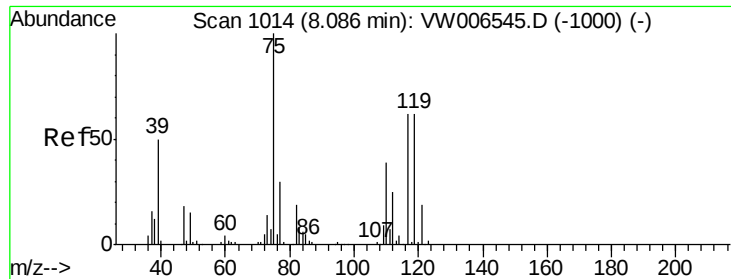


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

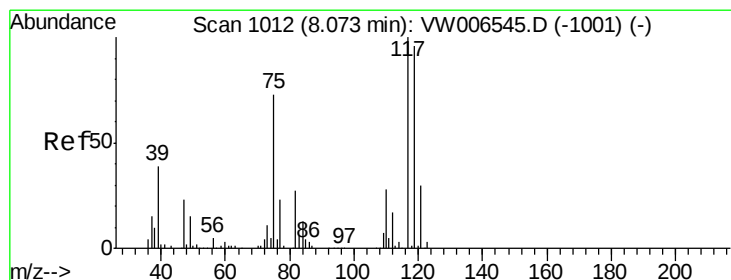
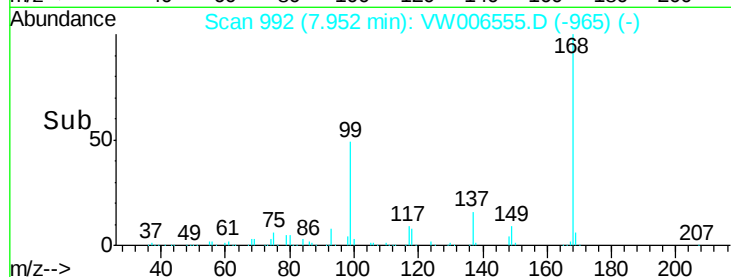
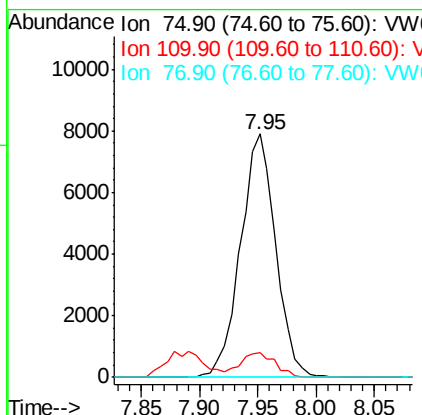
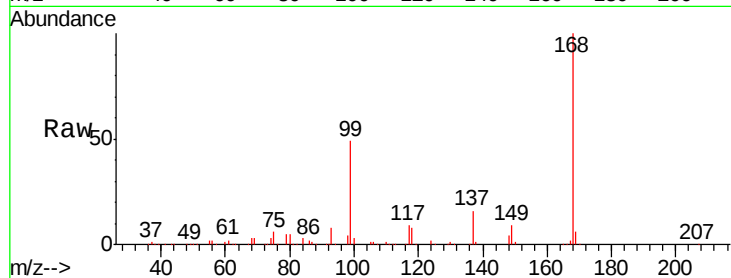




#36
 1,1-Dichloropropene
 Concen: 4.68 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006555.D
 Acq: 01 Nov 2018 13:31

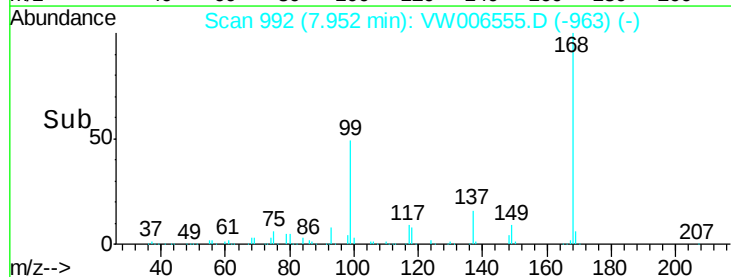
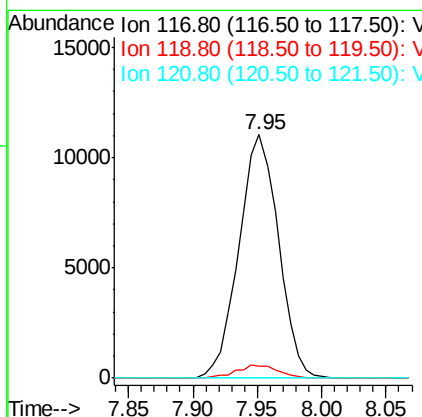
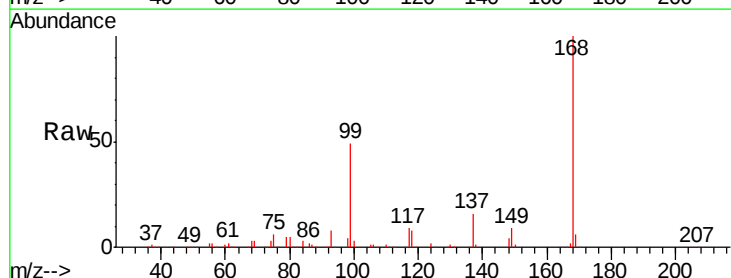
Instrument :
 MSVOA_W
 ClientSampled :
 DL-02C

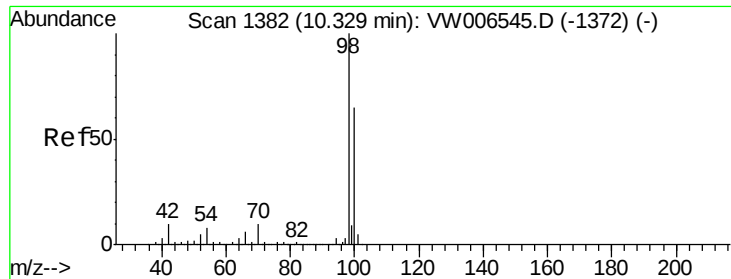
Tgt Ion: 75 Resp: 16591
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.35 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006555.D
 Acq: 01 Nov 2018 13:31

Tgt Ion: 117 Resp: 23526
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 37.90 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

Instrument :

MSVOA_W

ClientSampleId :

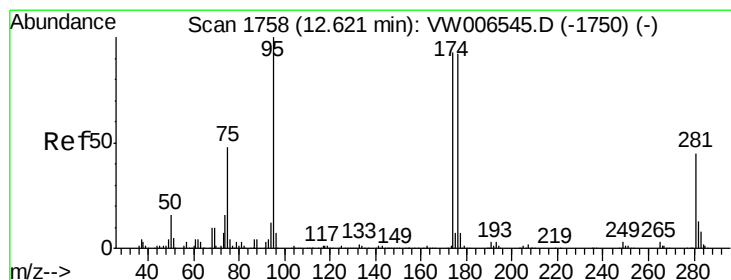
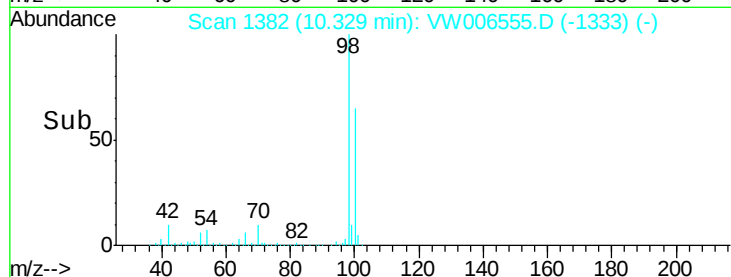
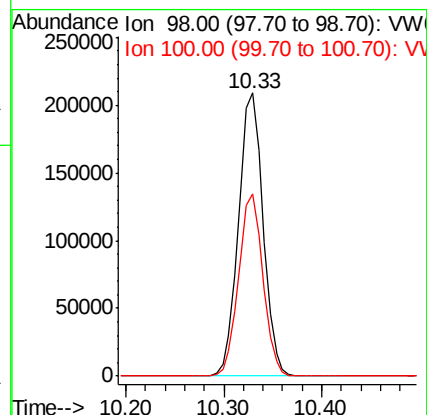
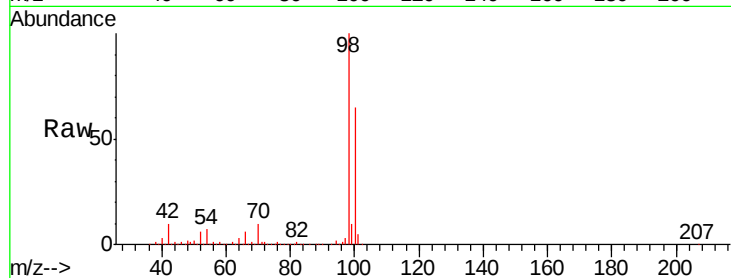
DL-02C

Tgt Ion: 98 Resp: 365105

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.44 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006555.D

Acq: 01 Nov 2018 13:31

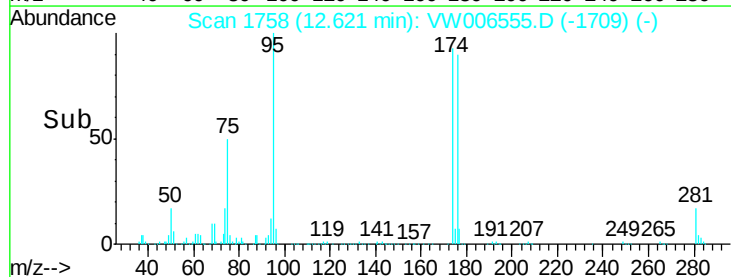
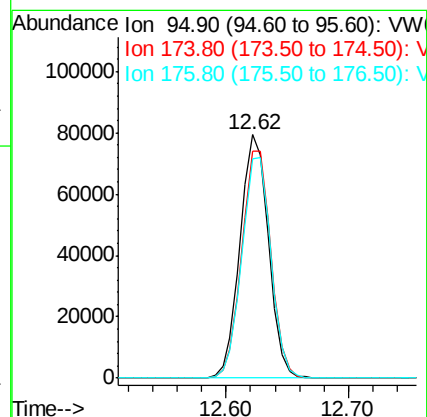
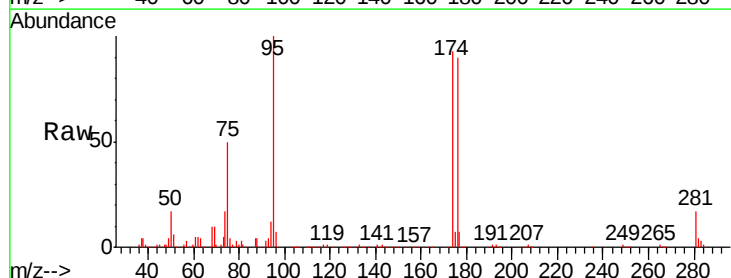
Tgt Ion: 95 Resp: 127252

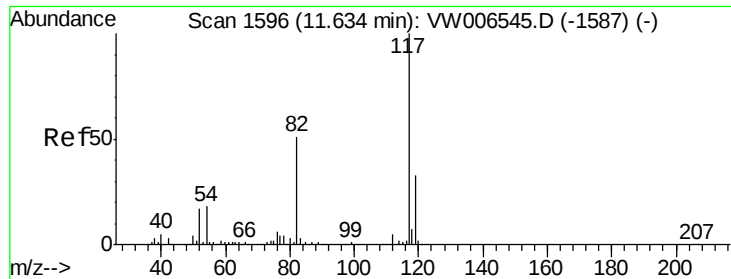
Ion Ratio Lower Upper

95 100

174 95.8 0.0 192.4

176 93.2 0.0 187.4

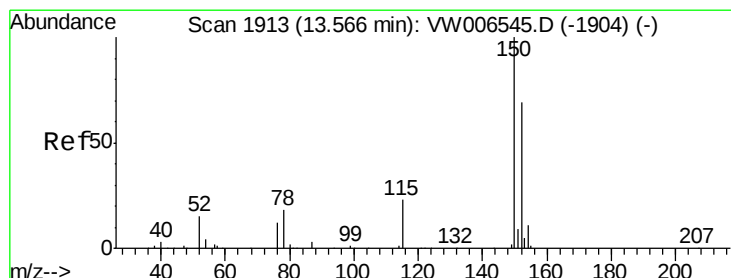
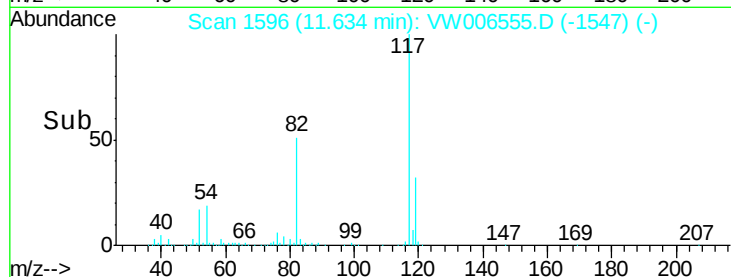
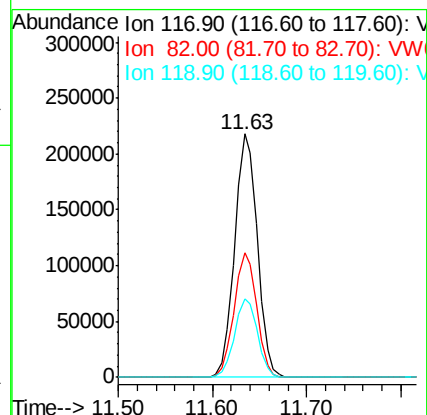
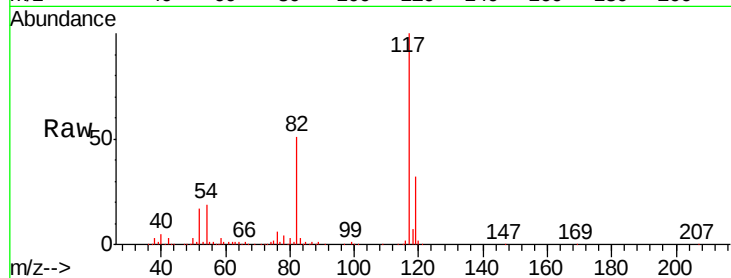




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006555.D
Acq: 01 Nov 2018 13:31

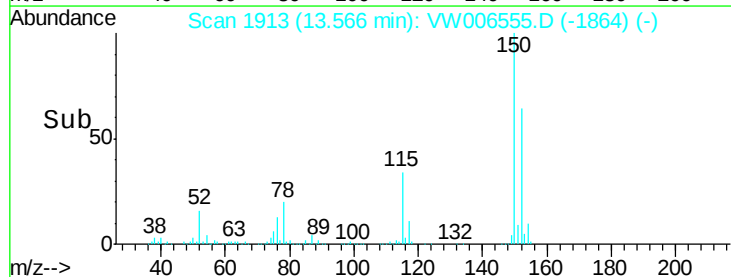
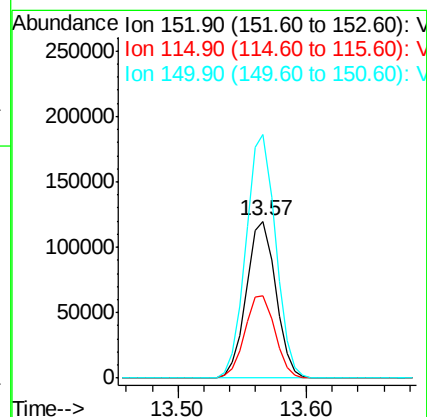
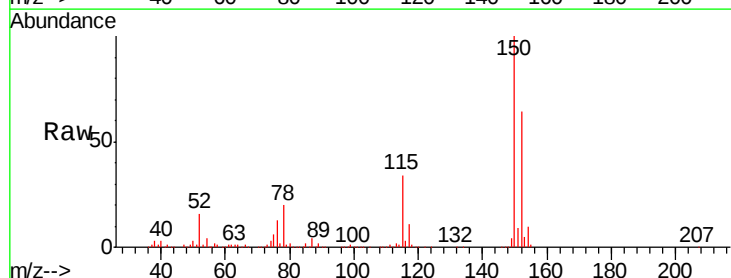
Instrument :
MSVOA_W
ClientSampleId :
DL-02C

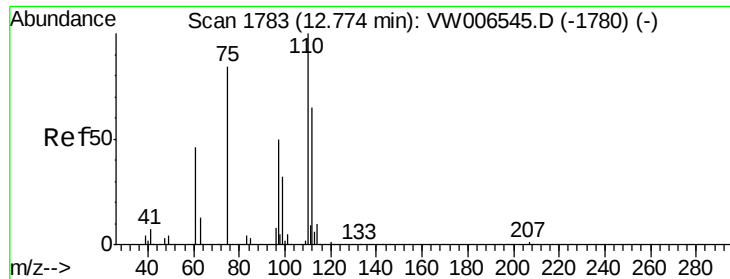
Tgt Ion:117 Resp: 363744
Ion Ratio Lower Upper
117 100
82 51.0 40.8 61.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006555.D
Acq: 01 Nov 2018 13:31

Tgt Ion:152 Resp: 189441
Ion Ratio Lower Upper
152 100
115 53.6 26.6 79.8
150 156.2 0.0 344.6

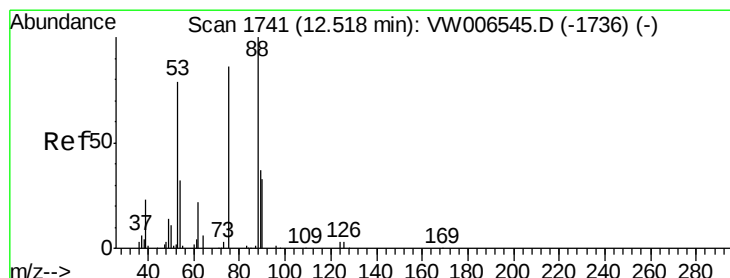
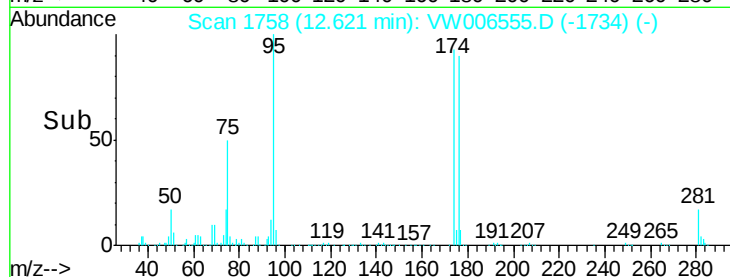
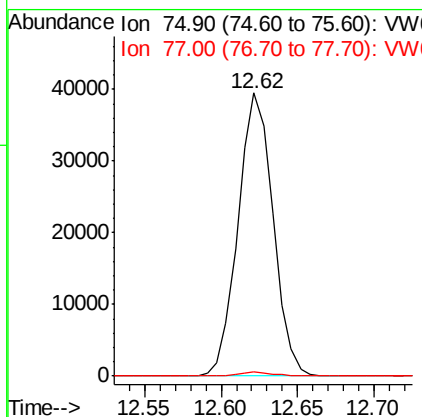
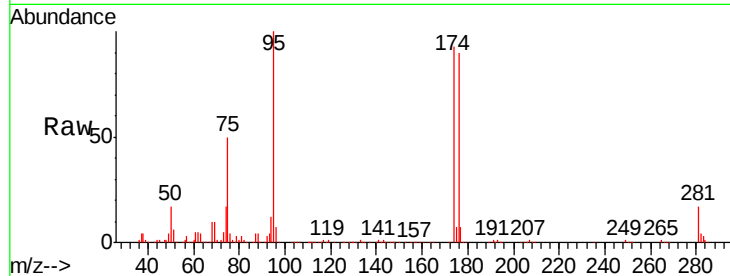




#76
 1,2,3-Trichloropropane
 Concen: 42.45 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006555.D
 Acq: 01 Nov 2018 13:31

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02C

Tgt Ion: 75 Resp: 62745
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.75 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006555.D
 Acq: 01 Nov 2018 13:31

Tgt Ion: 75 Resp: 62745
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.2 38.6 58.0#

