

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006624.D
 Acq On : 03 Nov 2018 01:11
 Operator : SY/AP
 Sample : J5741-07RE
 Misc : 6.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2RE

Quant Time: Nov 03 04:03:58 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

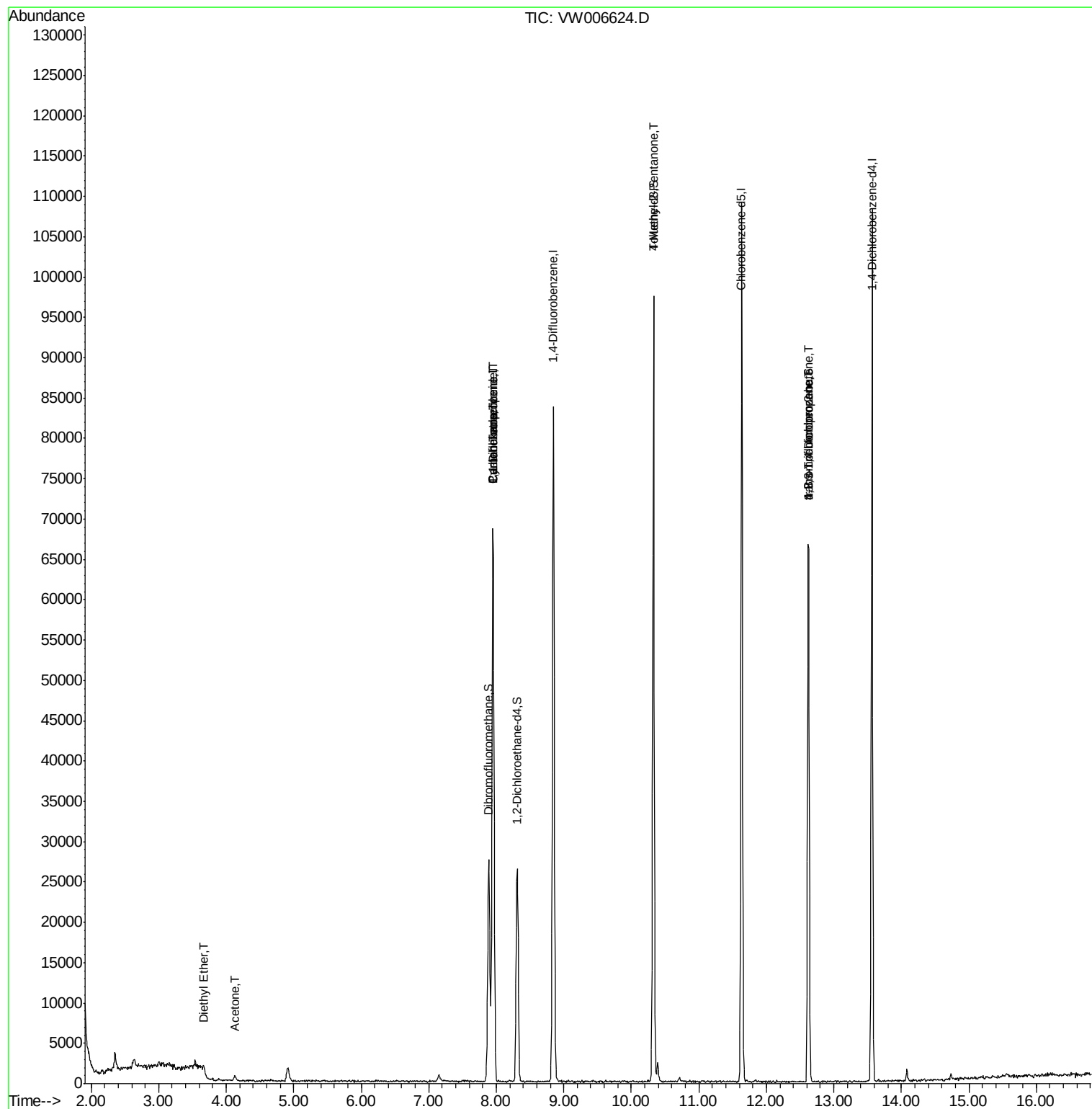
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	57040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	76799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	63881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20926	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
35) Dibromofluoromethane	7.88	113	19825	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
50) Toluene-d8	10.33	98	67954	37.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.08%	
62) 4-Bromofluorobenzene	12.62	95	20565	30.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.84%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	297	1.204	ug/l #	46
16) Acetone	4.12	43	1007	12.721	ug/l	90
20) Methylene Chloride	4.91	84	1383	Below Cal	#	80
31) Cyclohexane	7.94	56	971	1.243	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	3631	5.376	ug/l #	42
38) Carbon Tetrachloride	7.95	117	4940	7.000	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	265	1.105	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	9938	42.284	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9938	106.338	ug/l #	11

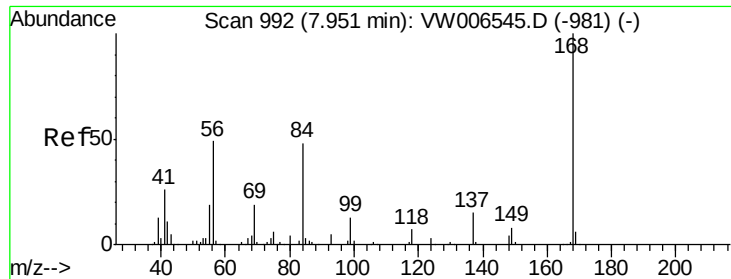
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

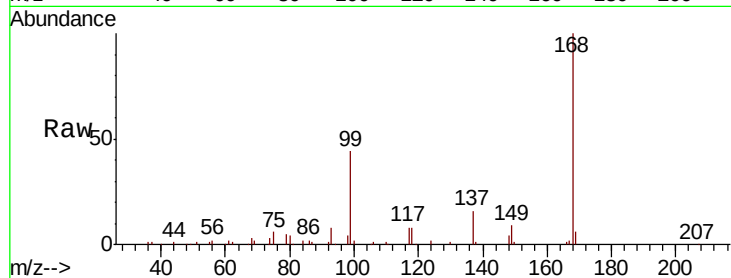
TP-2RE

Tgt Ion:168 Resp: 57040

Ion Ratio Lower Upper

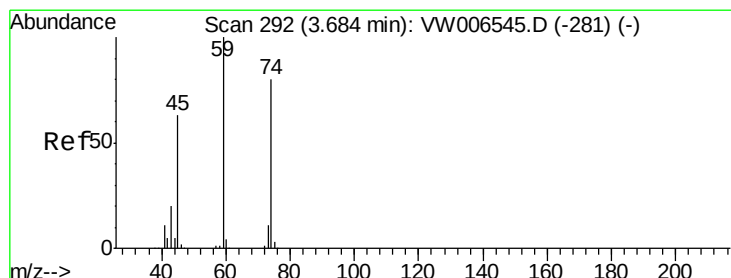
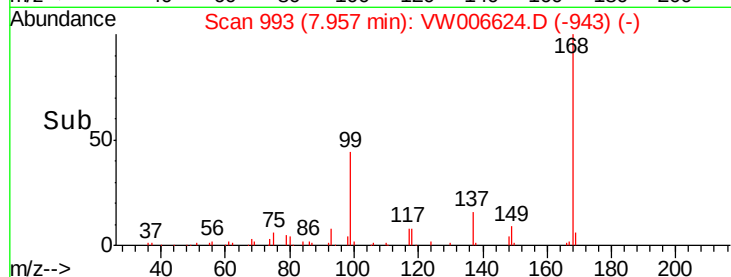
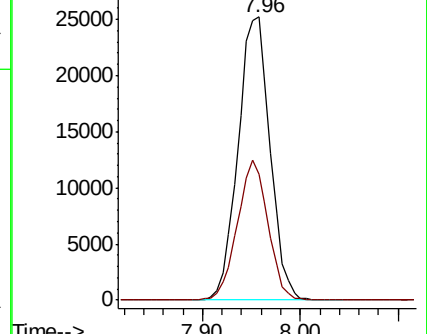
168 100

99 44.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.204 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006624.D

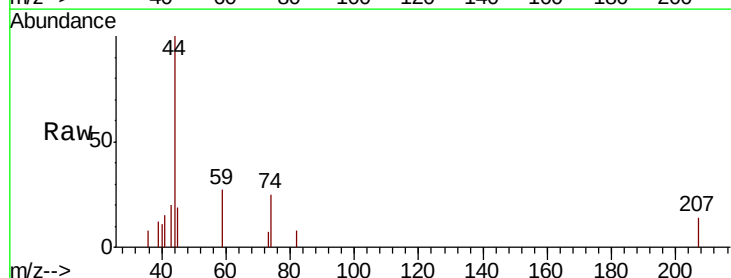
Acq: 03 Nov 2018 01:11

Tgt Ion: 74 Resp: 297

Ion Ratio Lower Upper

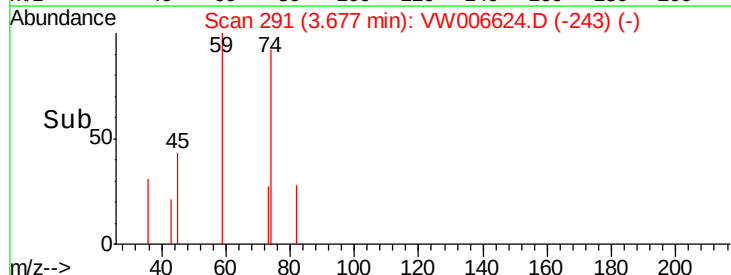
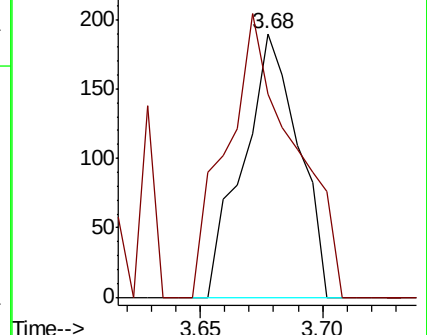
74 100

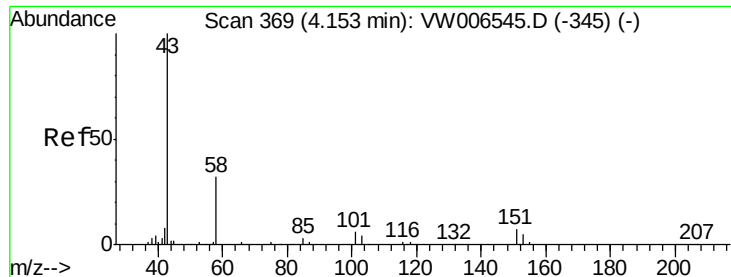
45 130.3 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 12.721 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

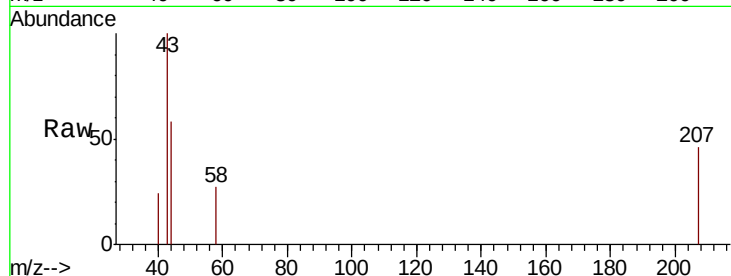
TP-2RE

Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

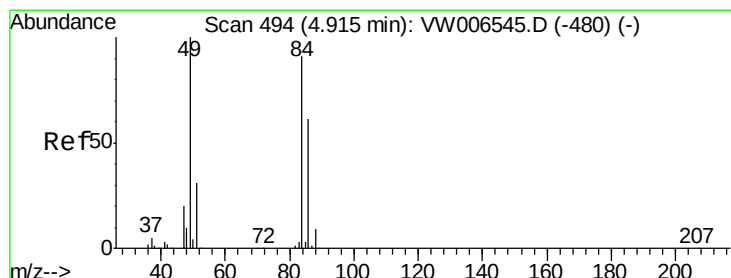
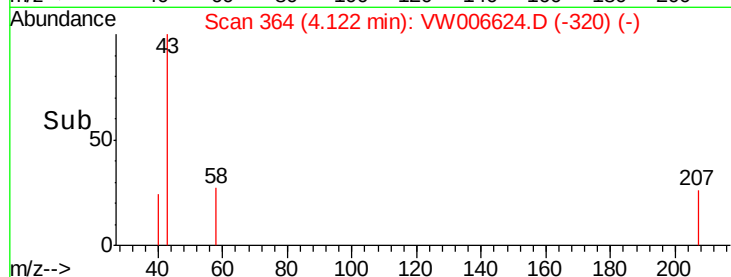
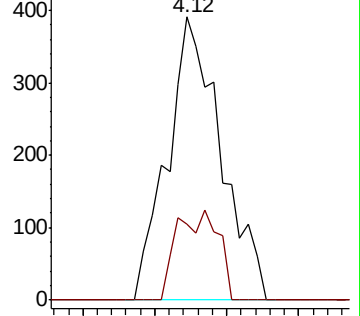
43 100

58 26.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

Tgt Ion: 84 Resp: 1383

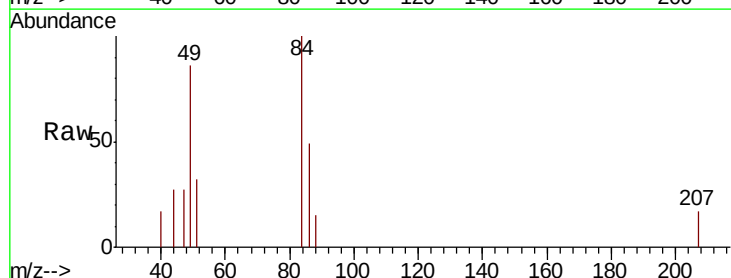
Ion Ratio Lower Upper

84 100

49 86.1 88.2 132.4#

51 32.0 27.0 40.6

86 49.2 53.8 80.8#

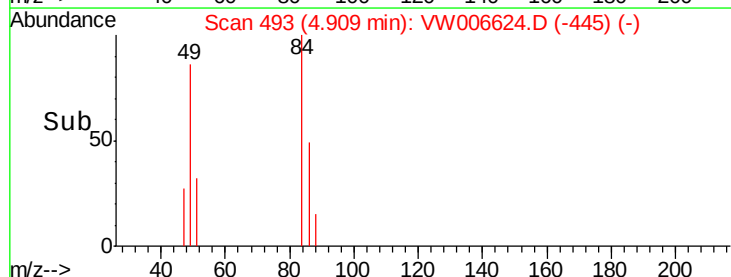
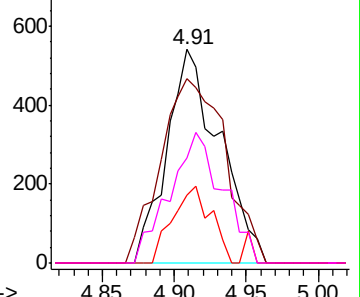


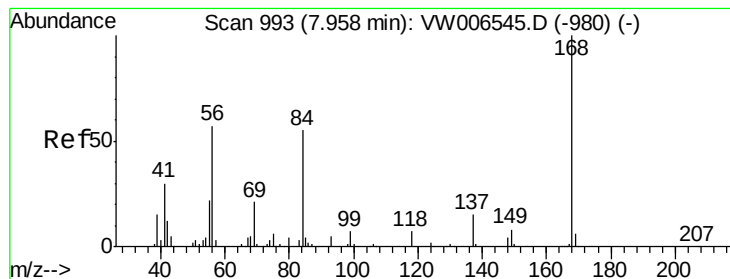
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.243 ug/l

RT: 7.94 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

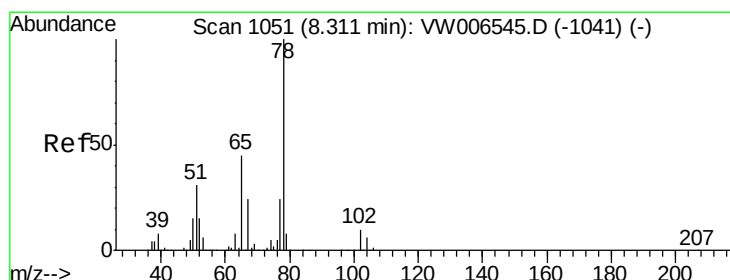
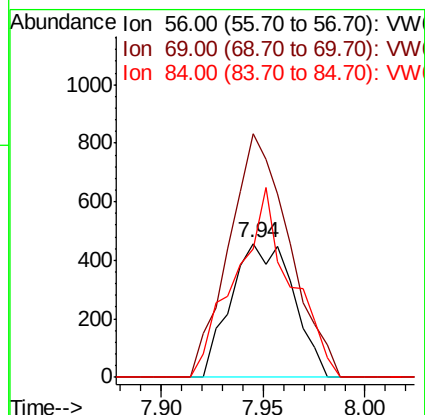
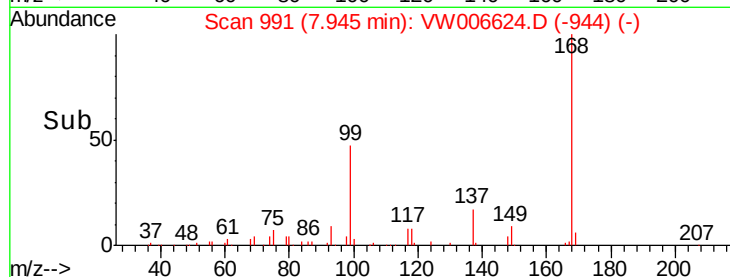
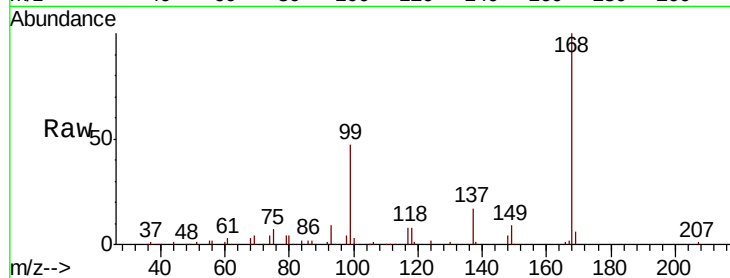
Tgt Ion: 56 Resp: 971

Ion Ratio Lower Upper

56 100

69 181.7 29.0 43.4#

84 96.1 77.8 116.6



#33

1,2-Dichloroethane-d4

Concen: 42.679 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006624.D

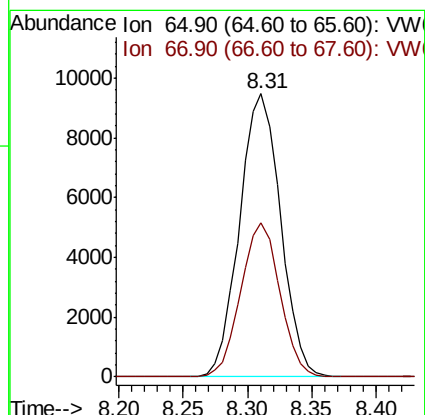
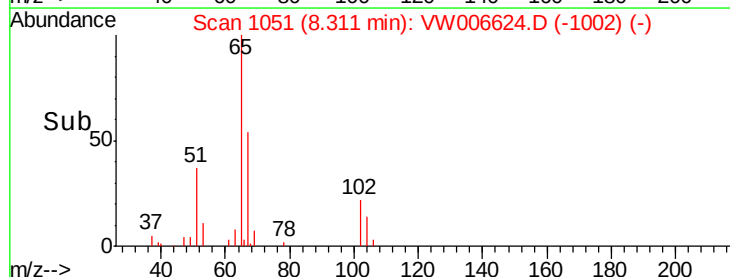
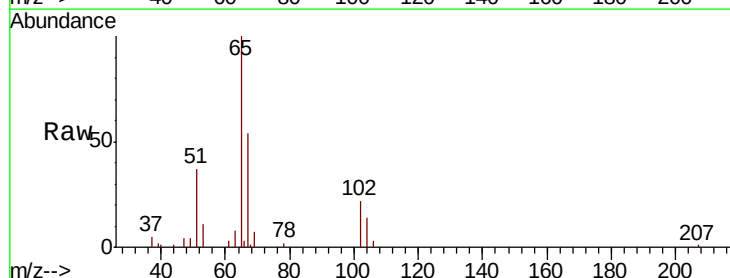
Acq: 03 Nov 2018 01:11

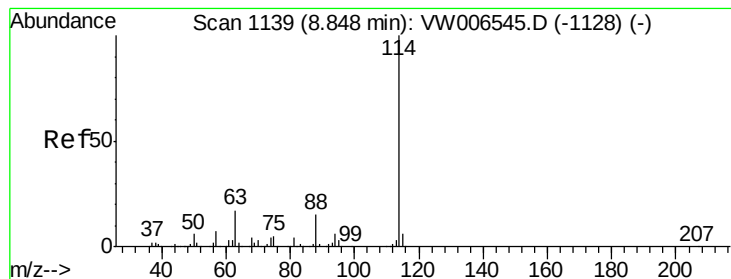
Tgt Ion: 65 Resp: 20926

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

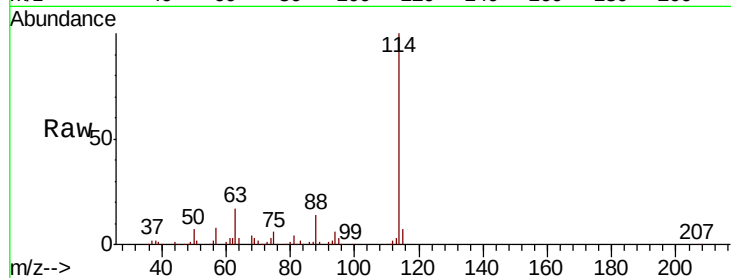
Tgt Ion:114 Resp: 76799

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

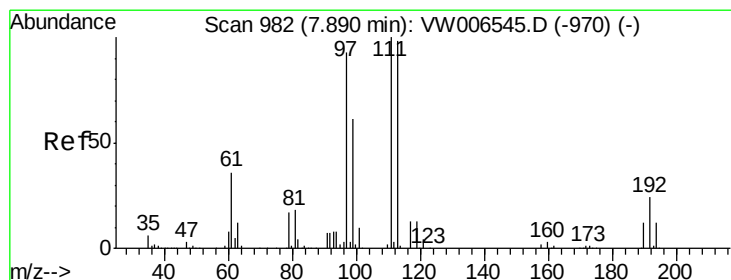
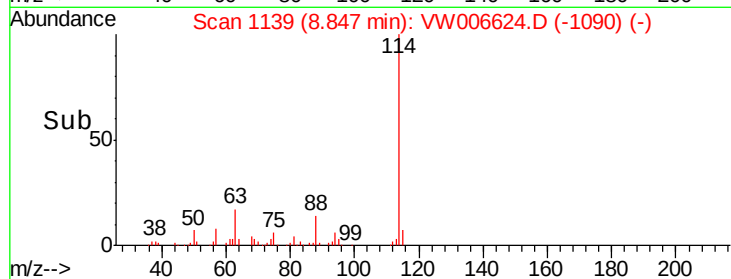
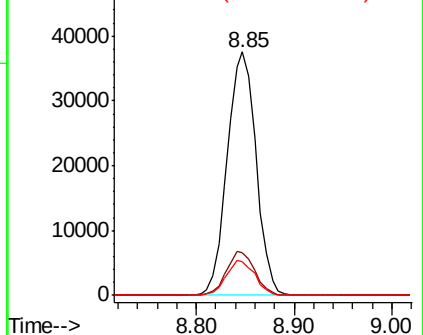
88 14.0 0.0 29.0



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: 41.133 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

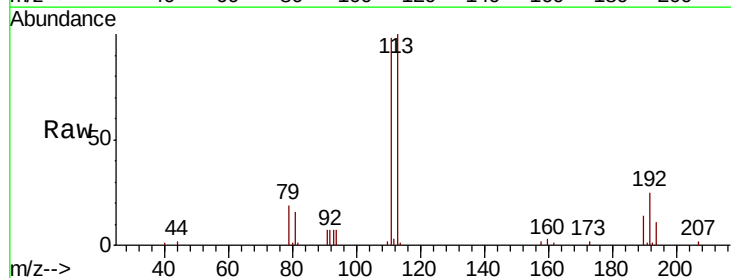
Tgt Ion:113 Resp: 19825

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

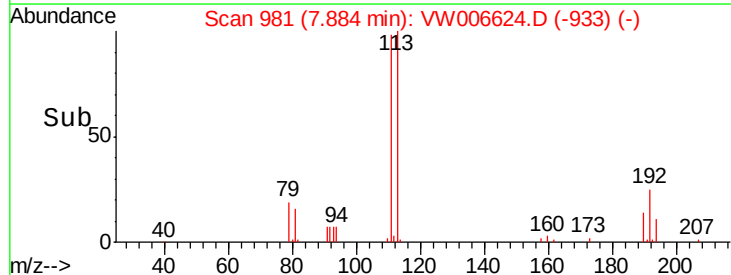
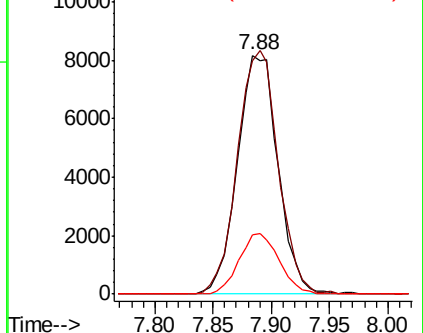
192 24.8 19.0 28.6

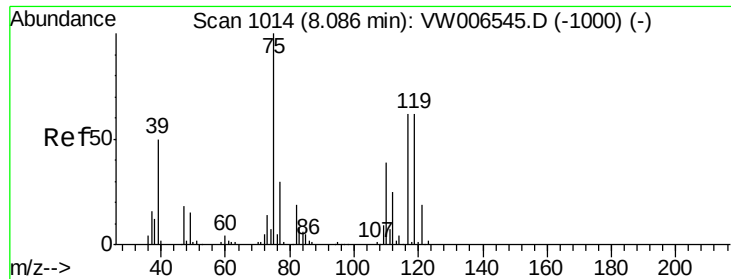


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

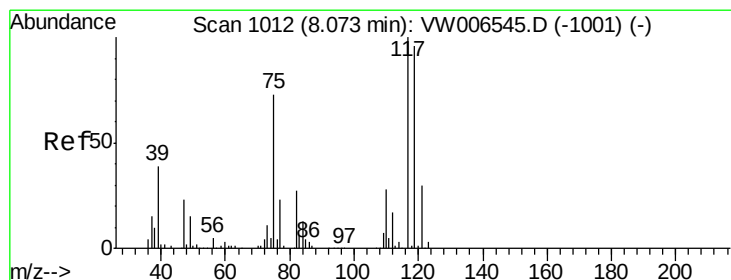
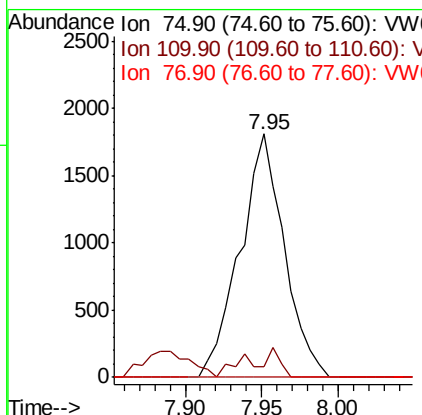
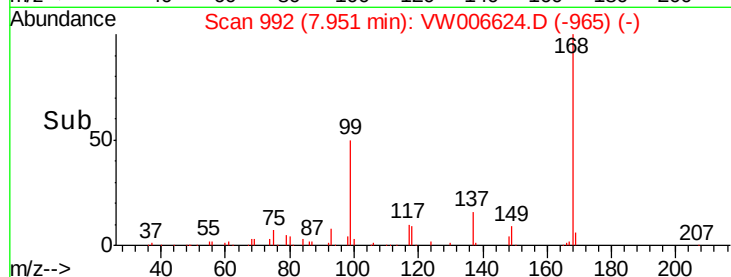
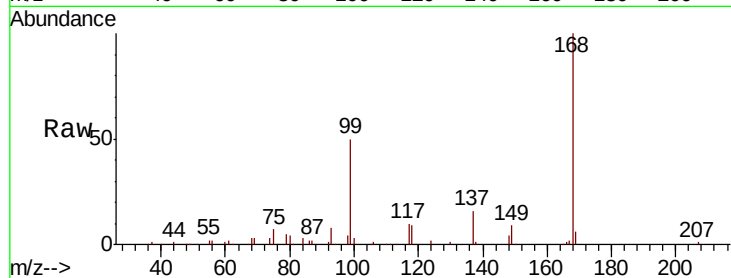




#36
 1,1-Dichloropropene
 Concen: 5.376 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006624.D
 Acq: 03 Nov 2018 01:11

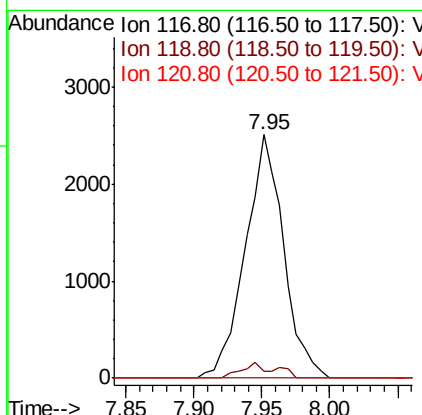
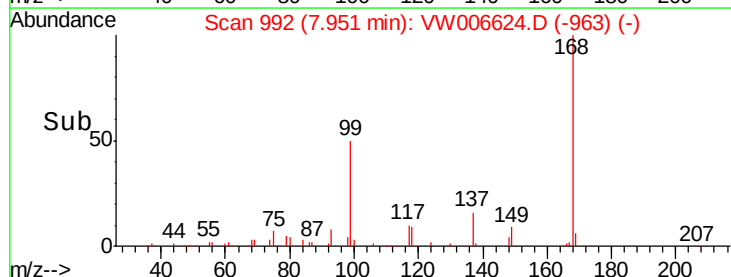
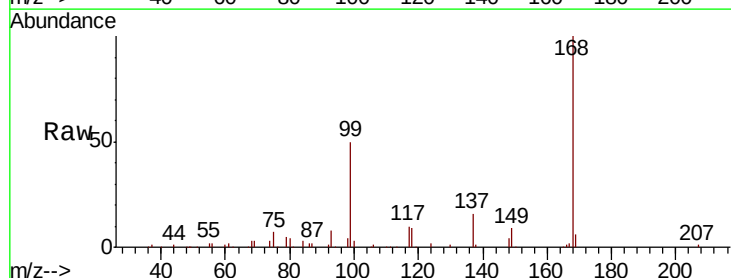
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2RE

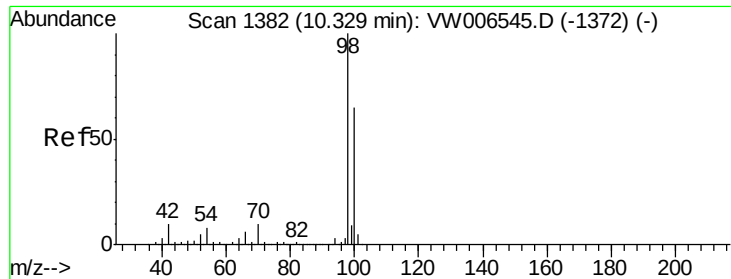
Tgt Ion: 75 Resp: 3631
 Ion Ratio Lower Upper
 75 100
 110 3.2 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006624.D
 Acq: 03 Nov 2018 01:11

Tgt Ion: 117 Resp: 4940
 Ion Ratio Lower Upper
 117 100
 119 2.8 76.3 114.5#
 121 0.0 24.1 36.1#

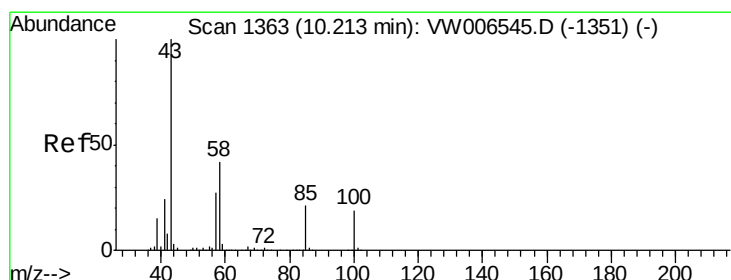
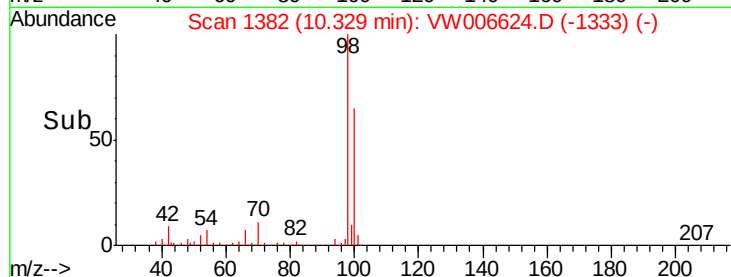
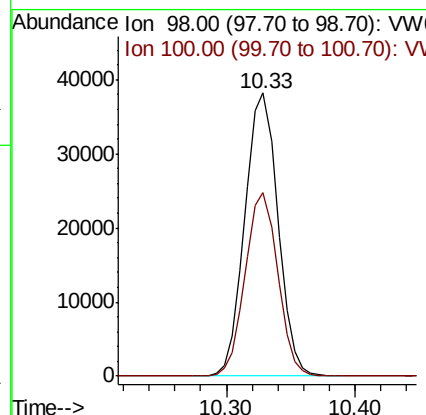
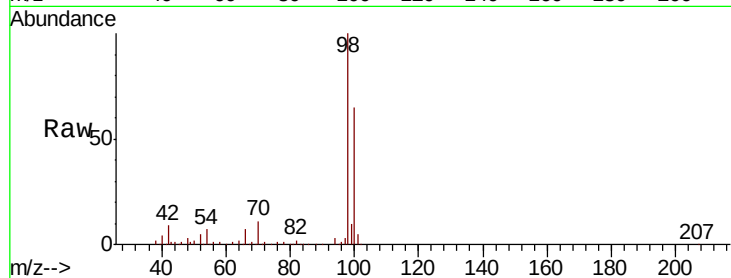




#50
Toluene-d8
Concen: 37.036 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006624.D
Acq: 03 Nov 2018 01:11

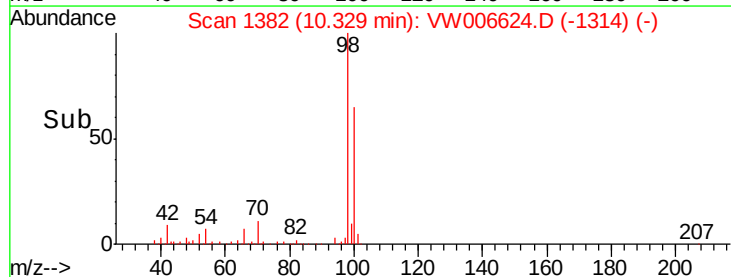
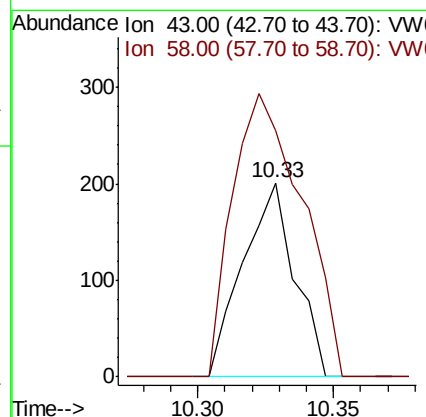
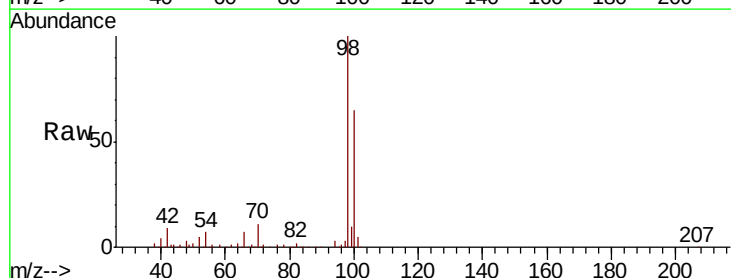
Instrument :
MSVOA_W
ClientSampled :
TP-2RE

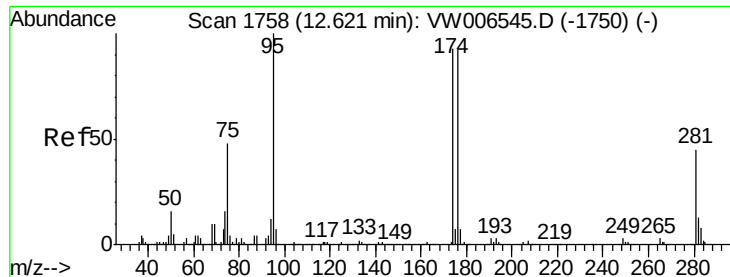
Tgt Ion: 98 Resp: 67954
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.105 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.12 min
Lab File: VW006624.D
Acq: 03 Nov 2018 01:11

Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 195.8 33.4 50.0#

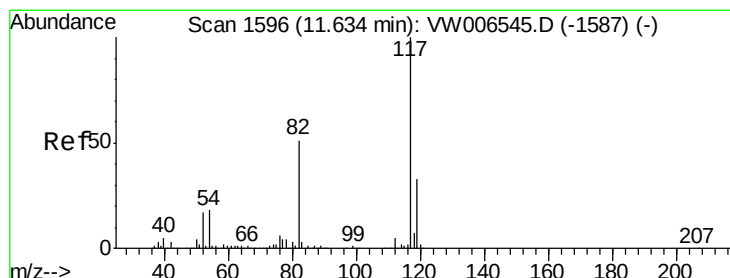
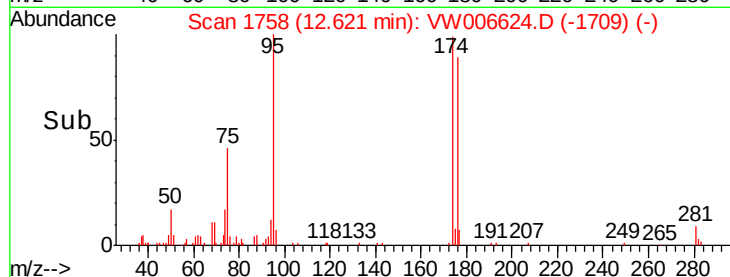
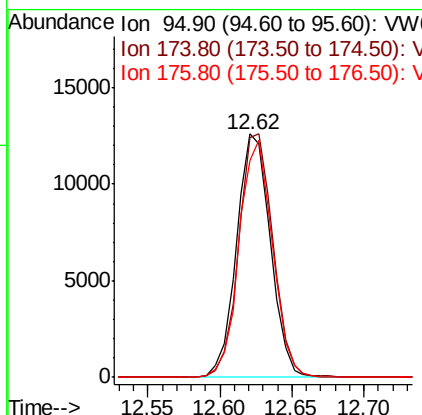
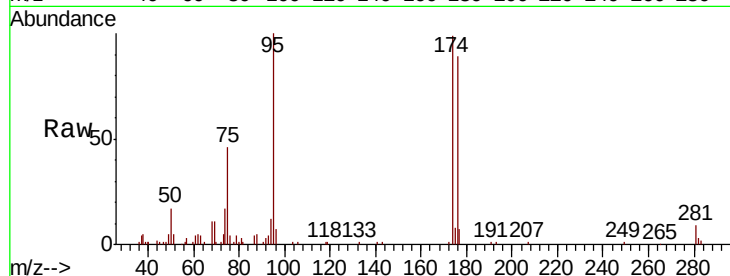




#62
4-Bromofluorobenzene
Concen: 30.916 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006624.D
Acq: 03 Nov 2018 01:11

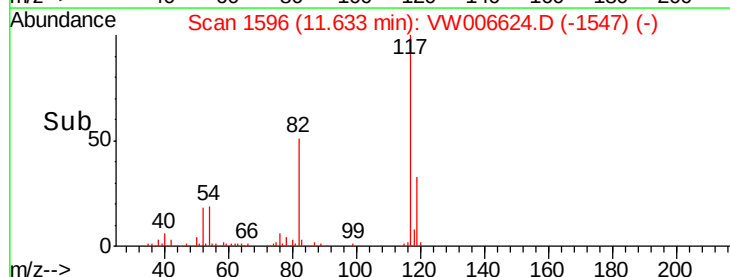
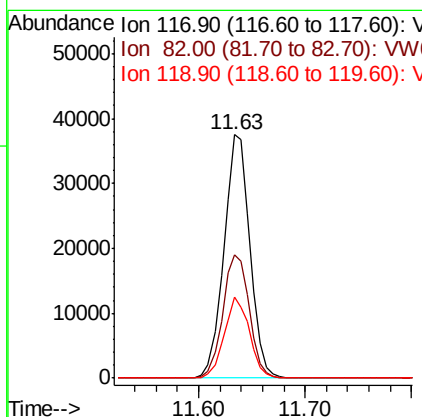
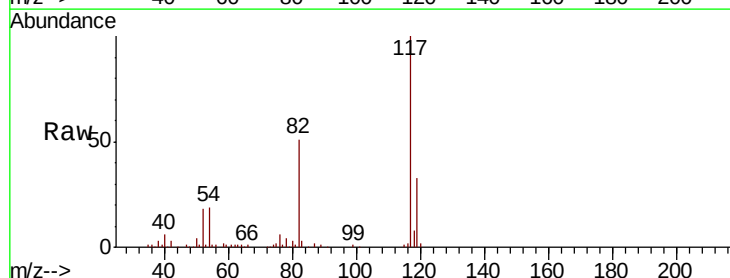
Instrument :
MSVOA_W
ClientSampleId :
TP-2RE

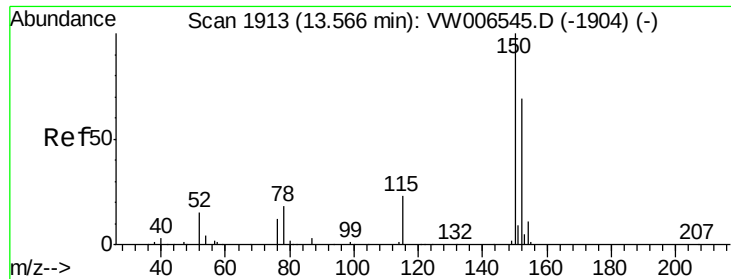
Tgt Ion: 95 Resp: 20565
Ion Ratio Lower Upper
95 100
174 100.8 0.0 192.4
176 95.8 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006624.D
Acq: 03 Nov 2018 01:11

Tgt Ion: 117 Resp: 63881
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 33.0 26.1 39.1

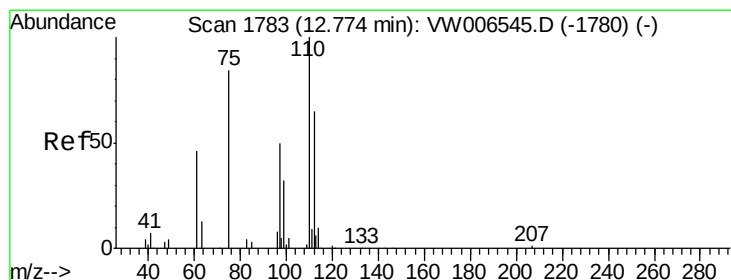
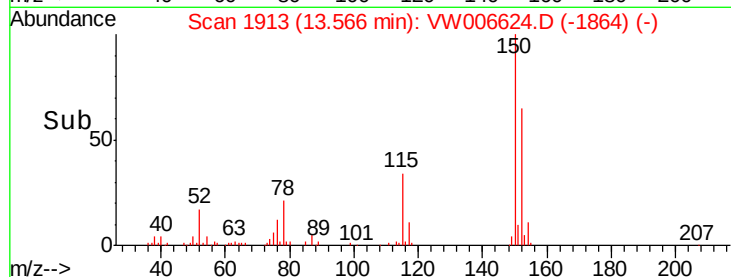
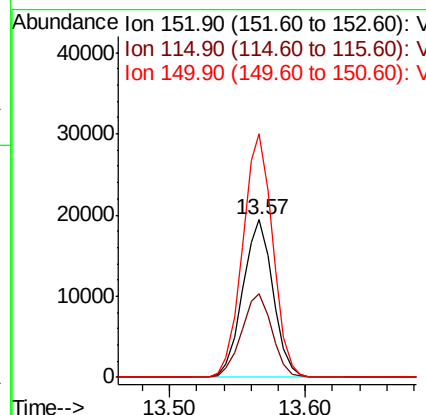
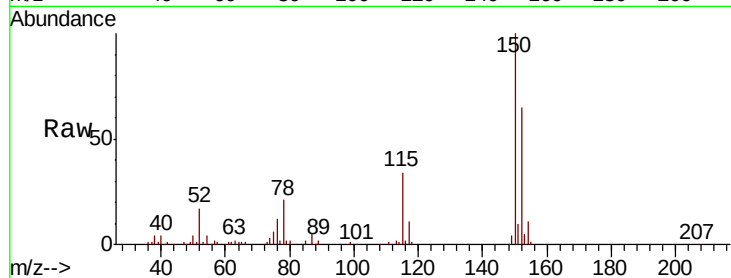




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006624.D
 Acq: 03 Nov 2018 01:11

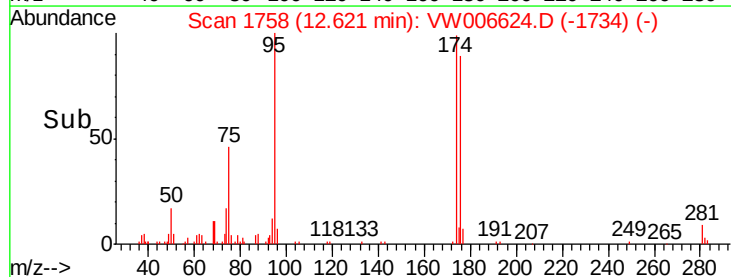
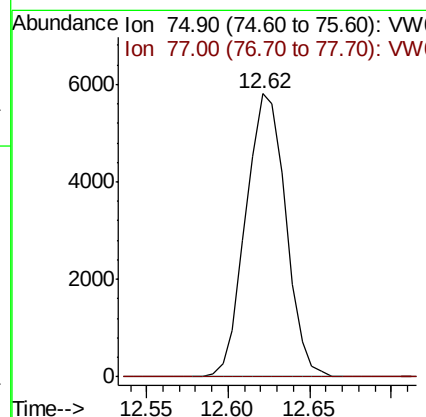
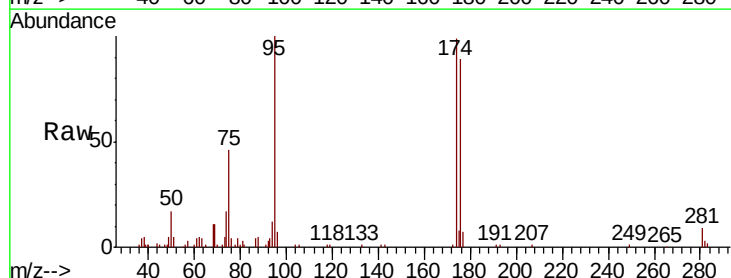
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2RE

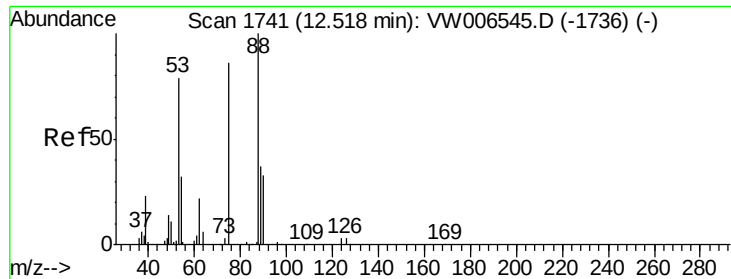
Tgt Ion:152 Resp: 30123
 Ion Ratio Lower Upper
 152 100
 115 53.3 26.6 79.8
 150 153.4 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 42.284 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006624.D
 Acq: 03 Nov 2018 01:11

Tgt Ion: 75 Resp: 9938
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 106.338 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006624.D

Acq: 03 Nov 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

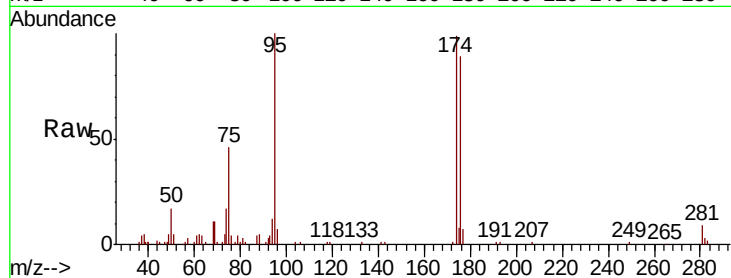
Tgt Ion: 75 Resp: 9938

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

