

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007028.D
 Acq On : 22 Nov 2018 05:26
 Operator : VAY/AP
 Sample : J6006-03RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 06:15:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67003	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	56884	59.44	ug/l	0.00
Spiked Amount			Recovery	=	118.88%	
35) Dibromofluoromethane	7.88	113	47999	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	195716	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.62	95	70673	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	

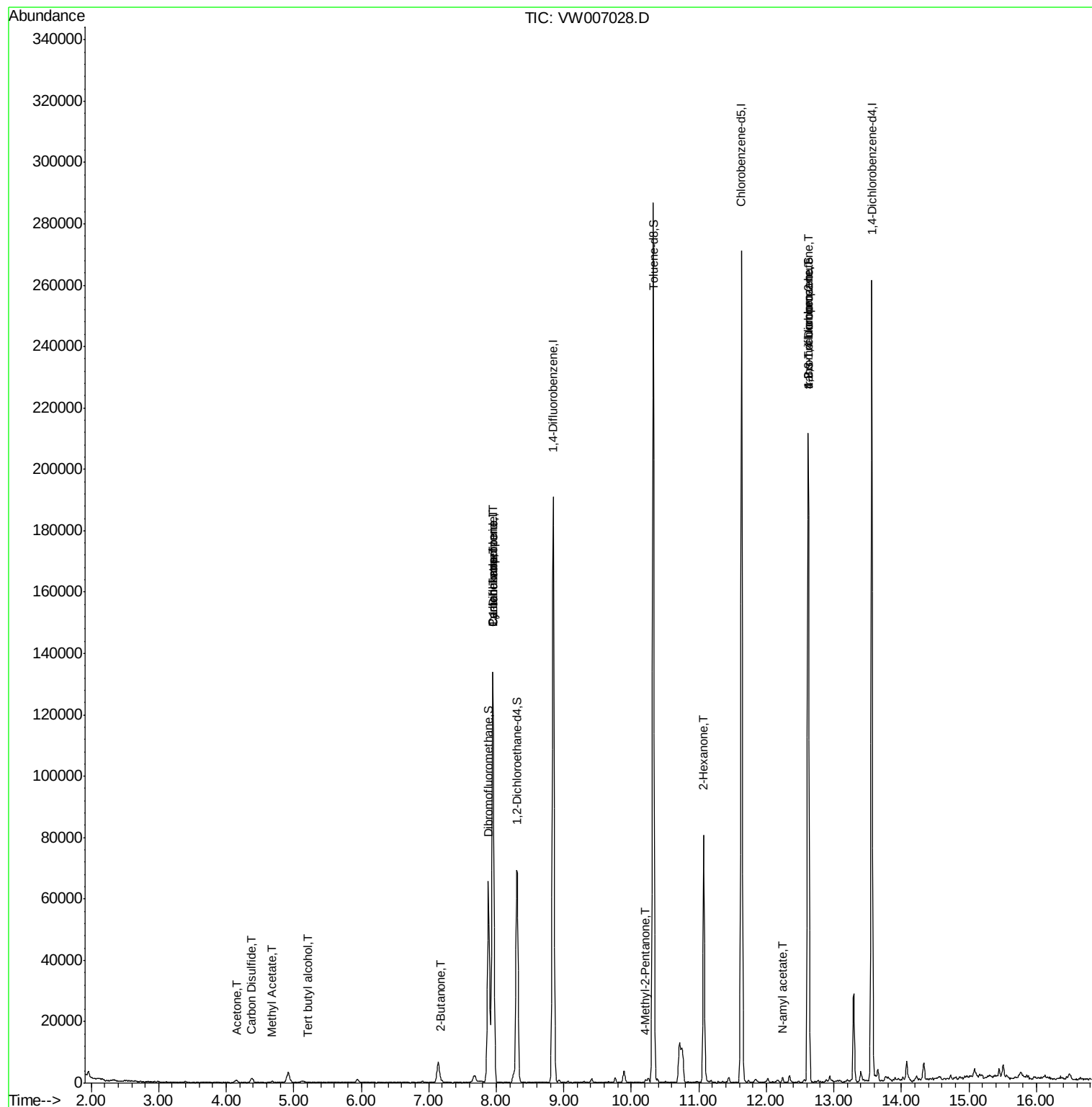
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	92	1.477	ug/l #	71
16) Acetone	4.15	43	1834	13.199	ug/l	93
17) Carbon Disulfide	4.38	76	3221	1.126	ug/l	98
18) Methyl Acetate	4.68	43	756	1.528	ug/l #	61
20) Methylene Chloride	4.93	84	2610	Below Cal		92
25) 2-Butanone	7.18	43	510	2.143	ug/l #	48
31) Cyclohexane	7.95	56	2035	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7433	4.555	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10004	6.402	ug/l #	18
51) 4-Methyl-2-Pentanone	10.22	43	682	1.198	ug/l #	87
59) 2-Hexanone	11.07	43	12511	32.083	ug/l #	47
74) N-amyl acetate	12.24	43	1105	1.266	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	34405	65.346	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34405	164.057	ug/l #	10

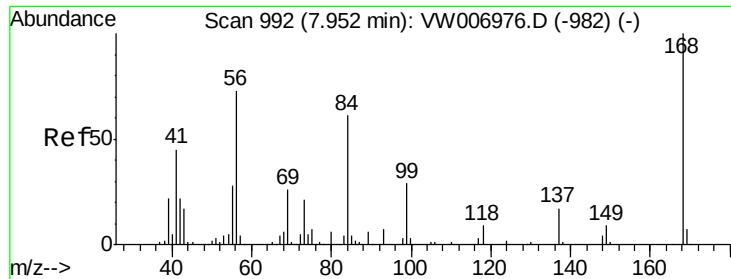
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007028.D
Acq On : 22 Nov 2018 05:26
Operator : VAY/AP
Sample : J6006-03RE
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 22 06:15:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

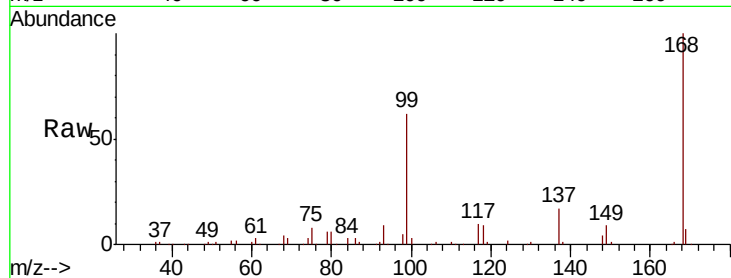
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 97752

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

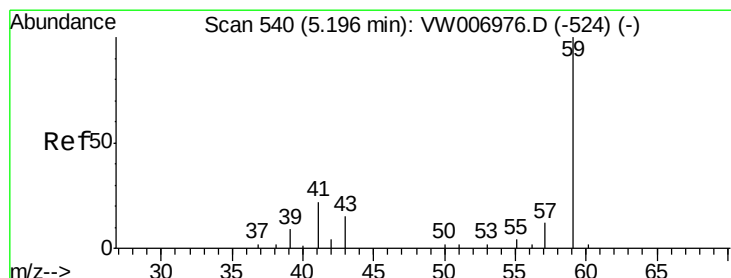
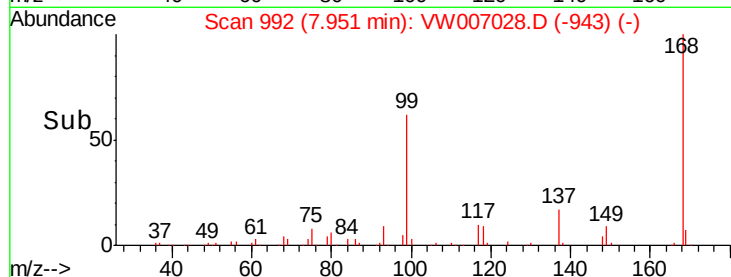
10000

0

Time-->

7.90

8.00



#11

Tert butyl alcohol

Concen: 1.477 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW007028.D

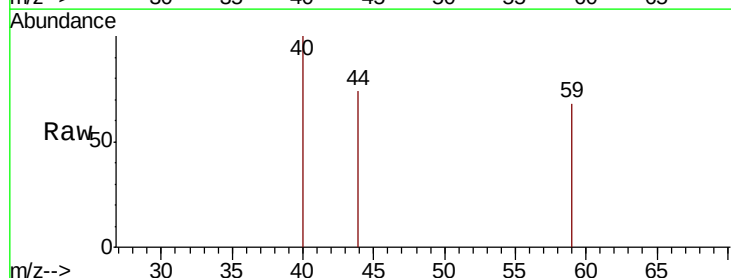
Acq: 22 Nov 2018 05:26

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

100

80

60

40

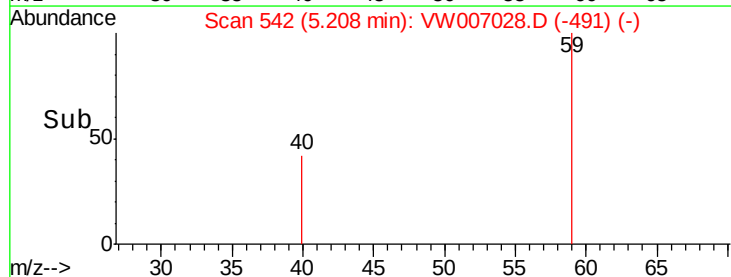
20

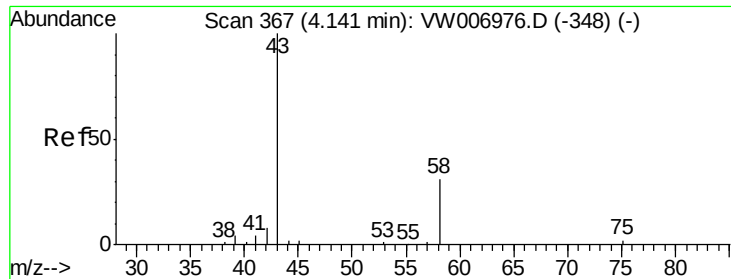
0

Time-->

5.20

5.22





#16

Acetone

Concen: 13.199 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

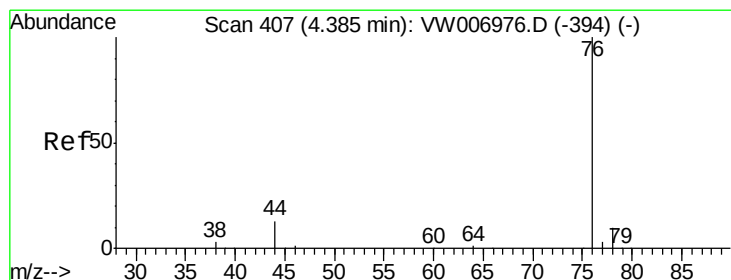
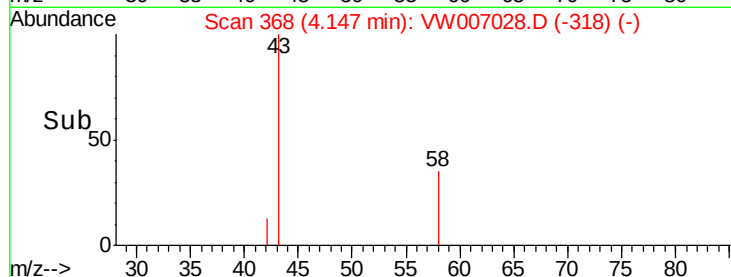
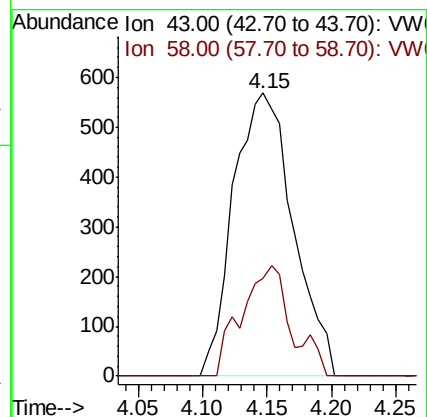
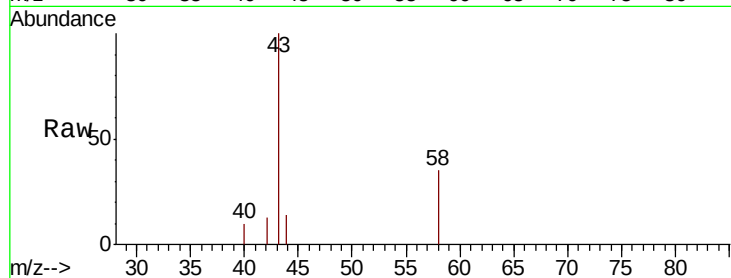
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1834

Ion Ratio Lower Upper

43 100

58 34.7 24.8 37.2



#17

Carbon Disulfide

Concen: 1.126 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007028.D

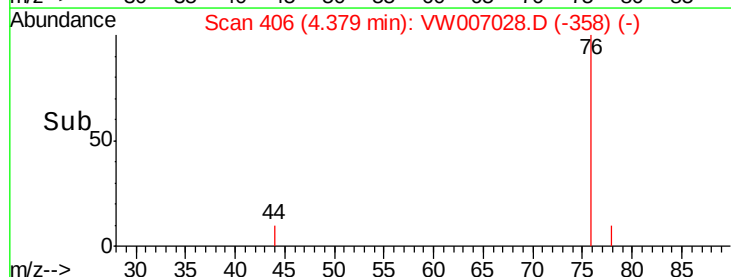
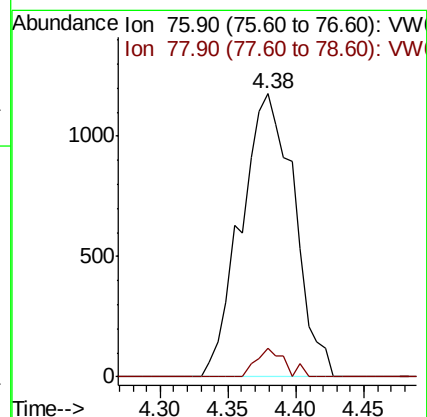
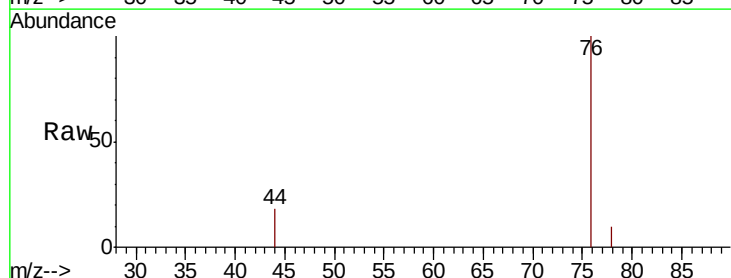
Acq: 22 Nov 2018 05:26

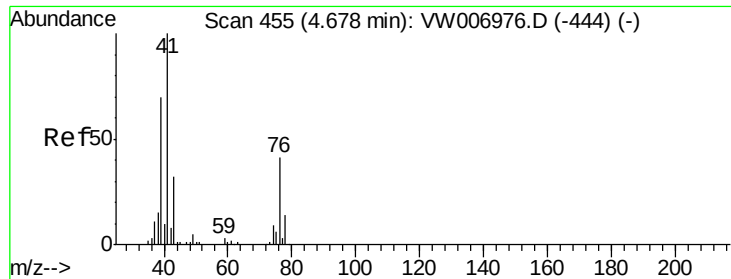
Tgt Ion: 76 Resp: 3221

Ion Ratio Lower Upper

76 100

78 10.3 7.8 11.6

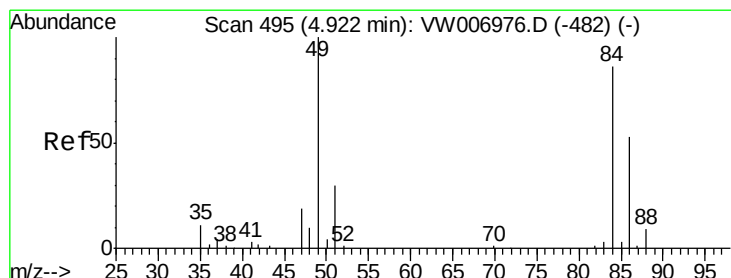
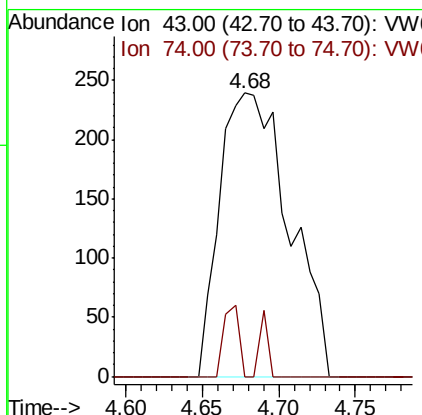
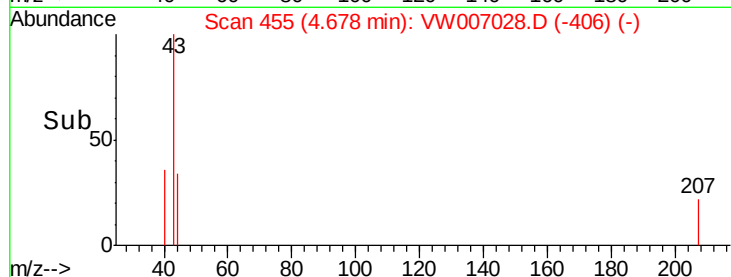
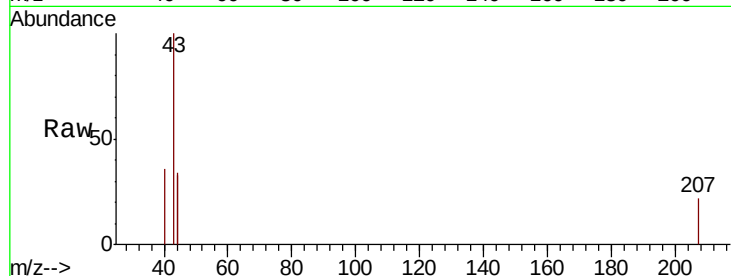




#18
Methyl Acetate
Concen: 1.528 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

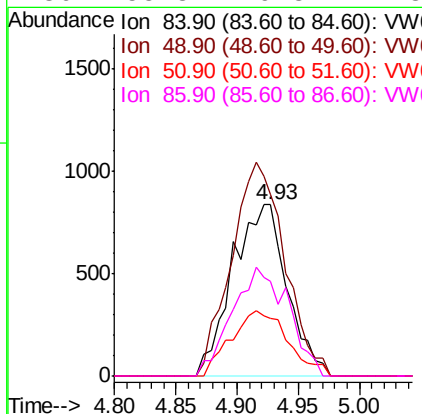
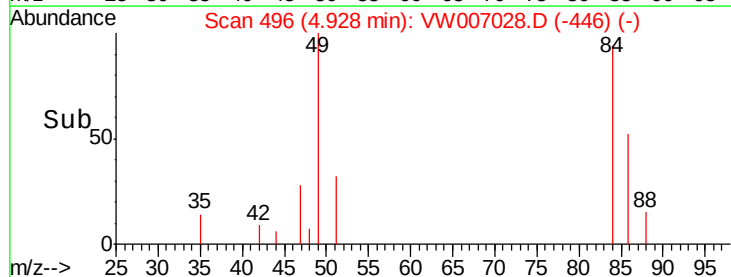
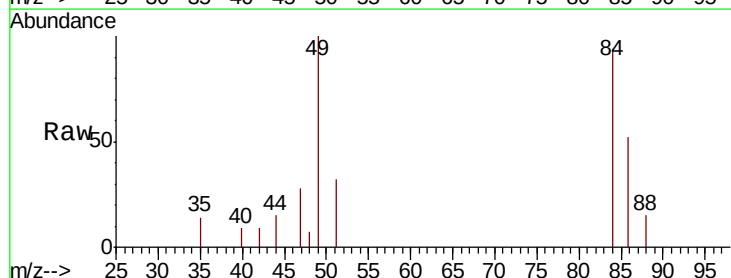
Instrument :
MSVOA_W
ClientSampled :

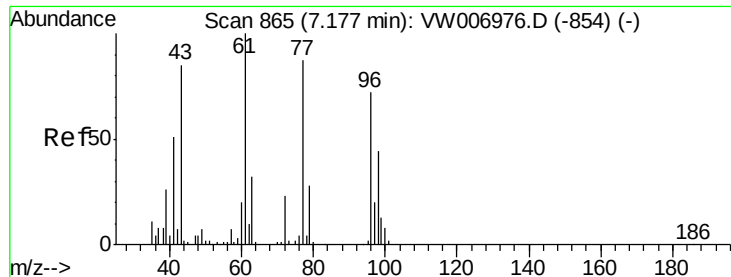
Tot Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
74 5.4 20.1 30.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

Tgt Ion: 84 Resp: 2610
Ion Ratio Lower Upper
84 100
49 106.1 93.4 140.0
51 34.1 28.4 42.6
86 55.3 49.8 74.8

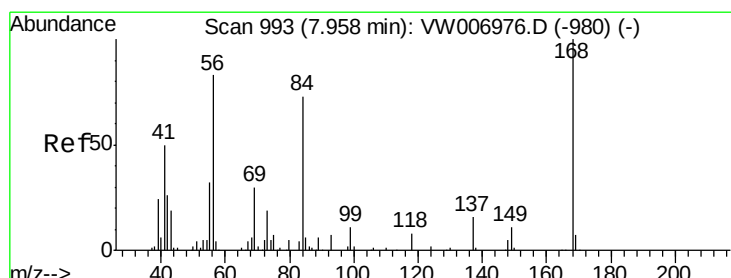
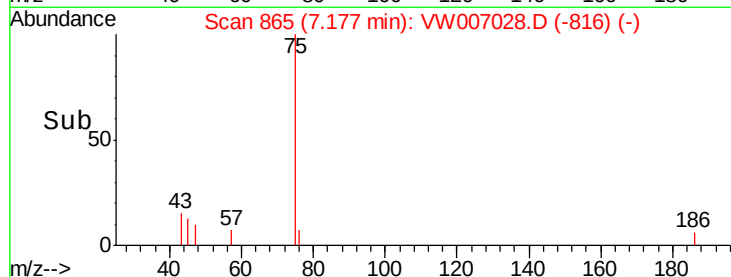
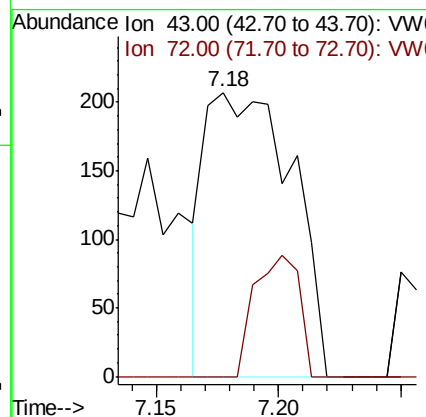
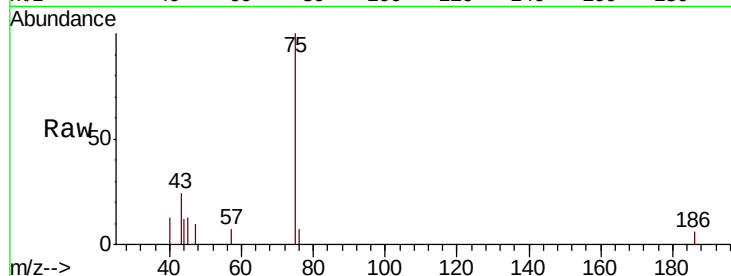




#25
2-Butanone
Concen: 2.143 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

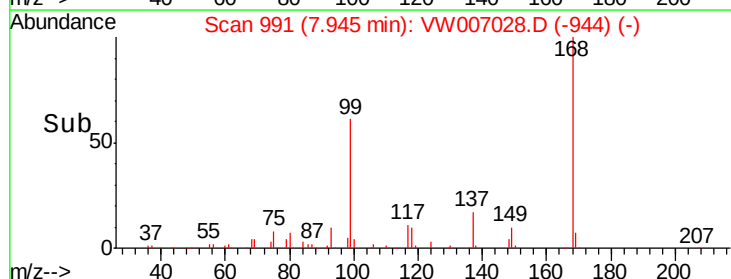
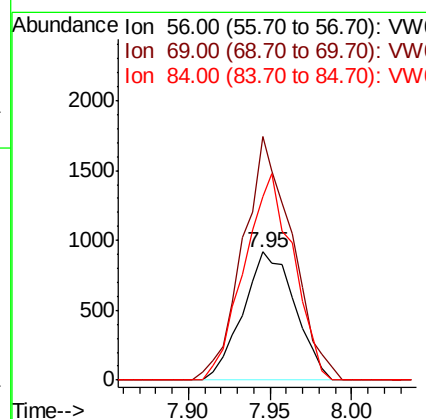
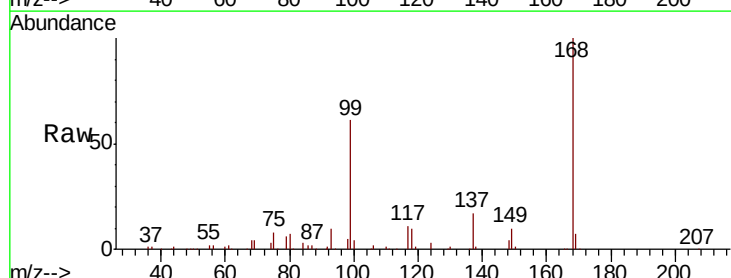
Instrument :
MSVOA_W
ClientSampled :

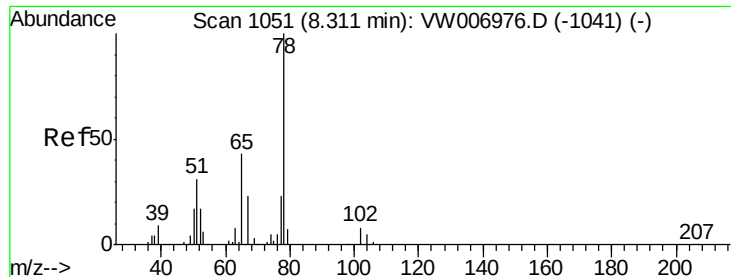
Tot Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

Tgt Ion: 56 Resp: 2035
Ion Ratio Lower Upper
56 100
69 189.9 29.1 43.7#
84 142.8 70.6 105.8#

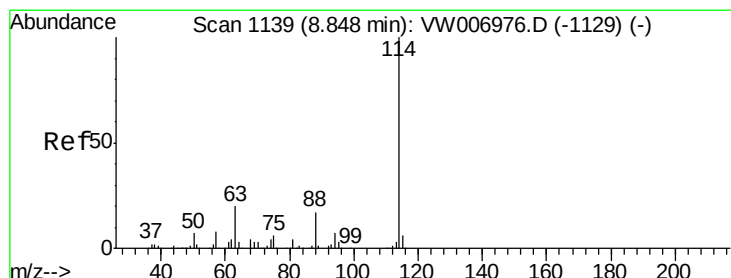
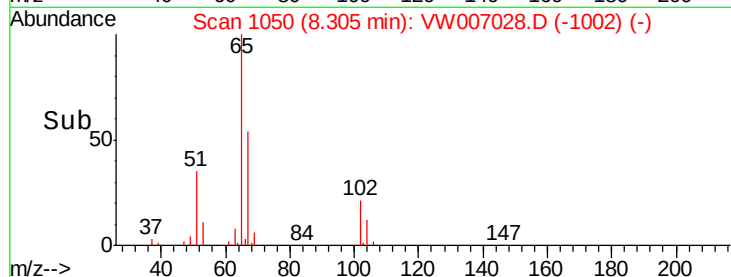
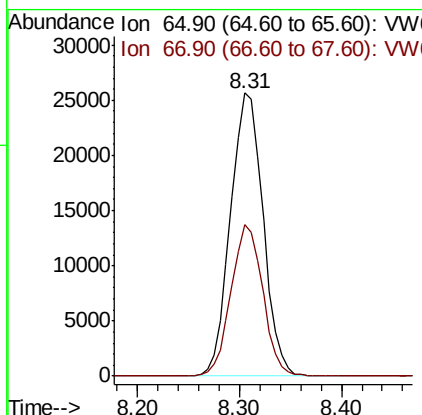
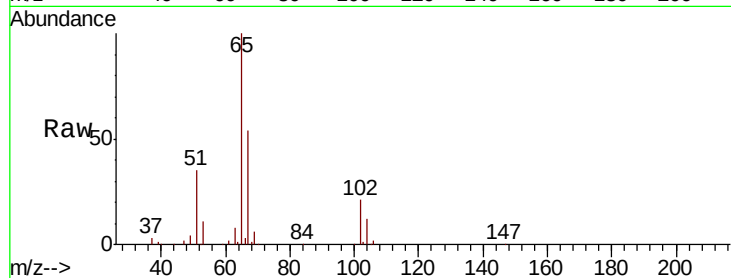




#33
 1,2-Dichloroethane-d4
 Concen: 59.439 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007028.D
 Acq: 22 Nov 2018 05:26

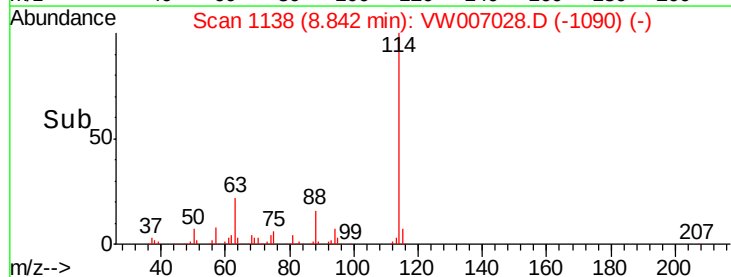
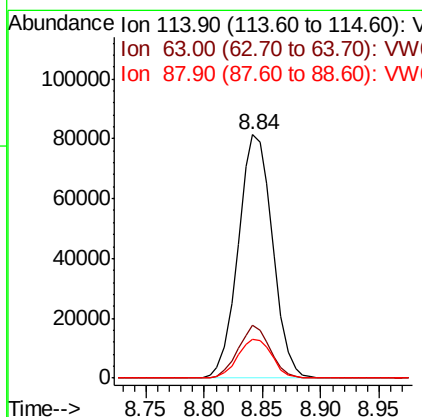
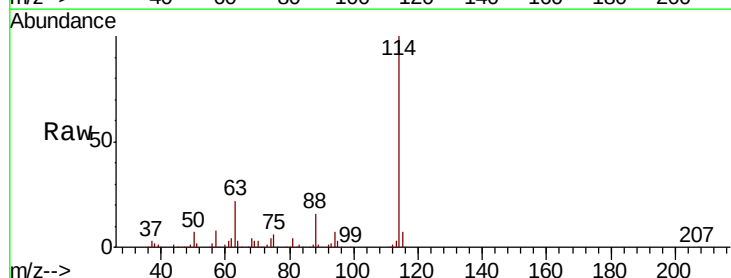
Instrument :
 MSVOA_W
 ClientSampleId :

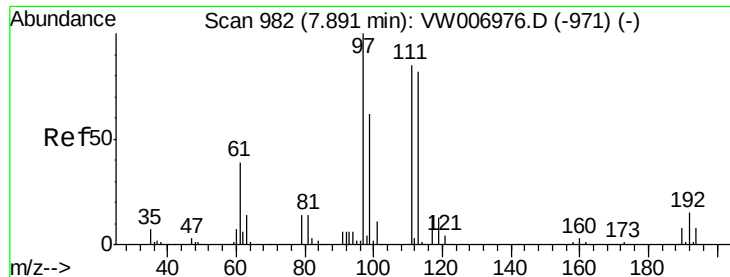
Tot Ion: 65 Resp: 56884
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007028.D
 Acq: 22 Nov 2018 05:26

Tgt Ion: 114 Resp: 166985
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.4
 88 16.1 0.0 34.2

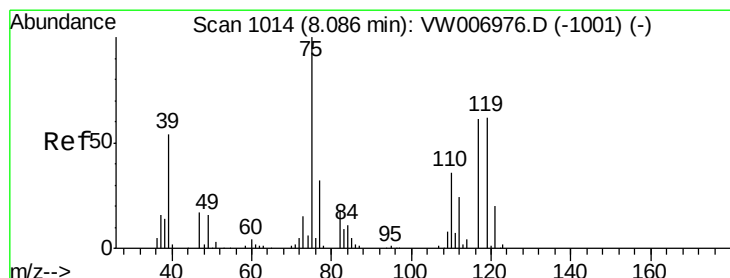
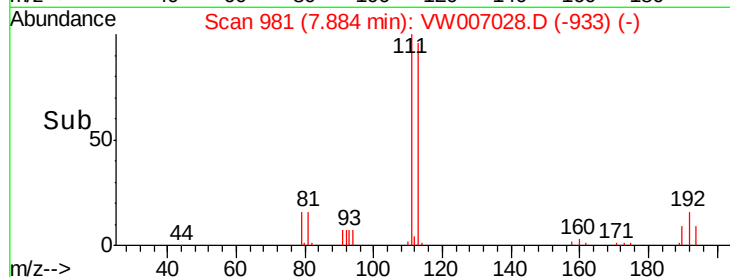
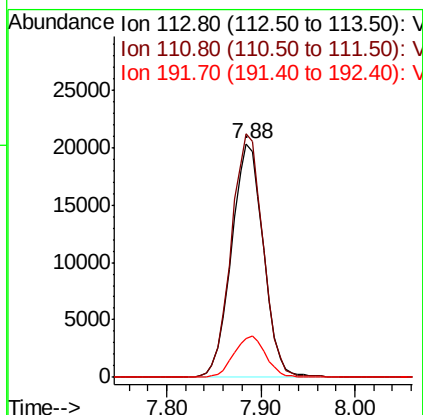
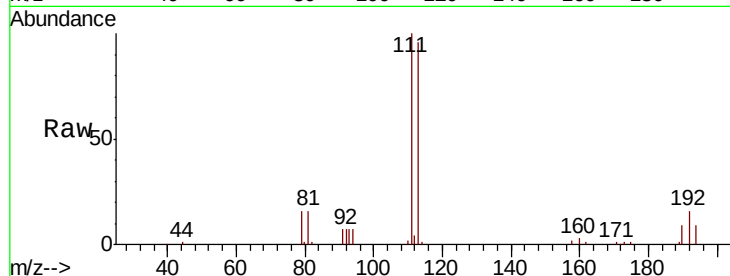




#35
Dibromofluoromethane
Concen: 50.900 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

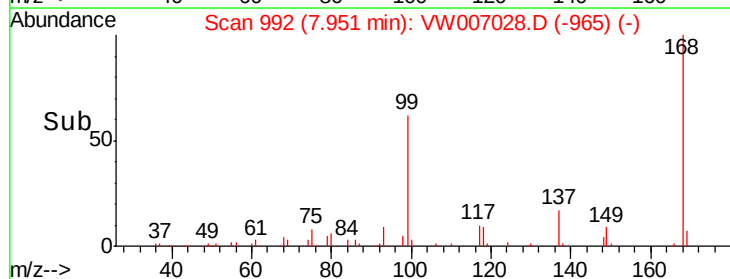
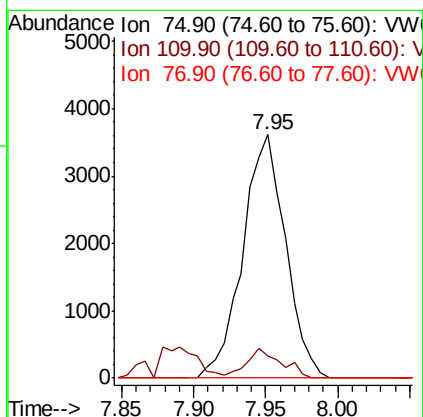
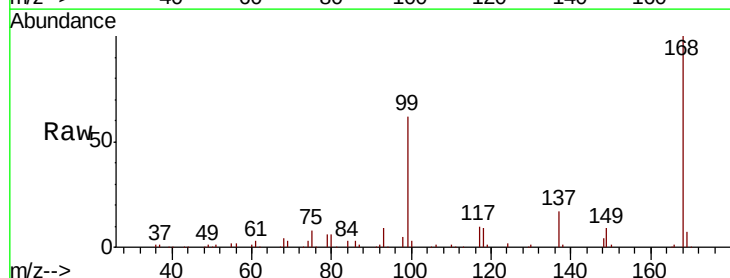
Instrument :
MSVOA_W
ClientSampled :

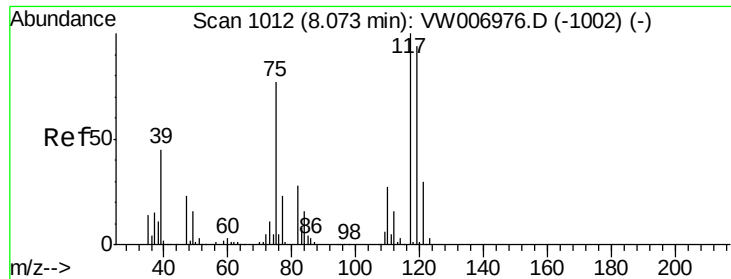
Tot Ion:113 Resp: 47999
Ion Ratio Lower Upper
113 100
111 103.7 81.0 121.6
192 17.5 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

Tgt Ion: 75 Resp: 7433
Ion Ratio Lower Upper
75 100
110 10.0 18.0 54.0#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.402 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

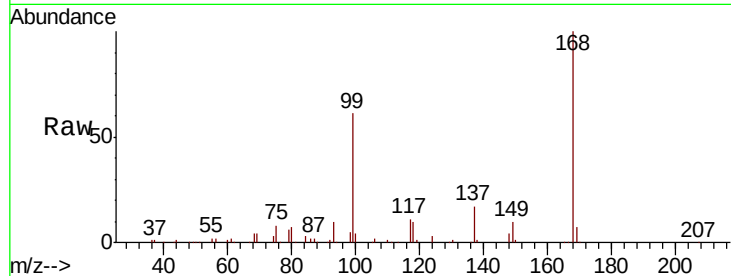
Tot Ion:117 Resp: 10004

Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

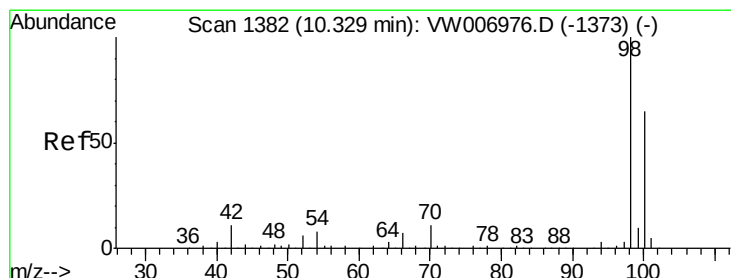
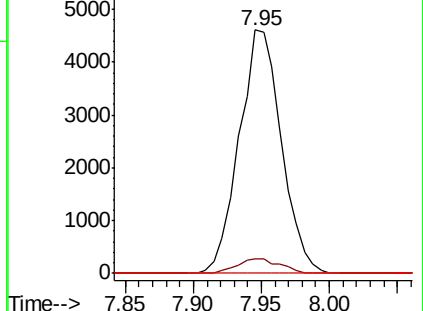
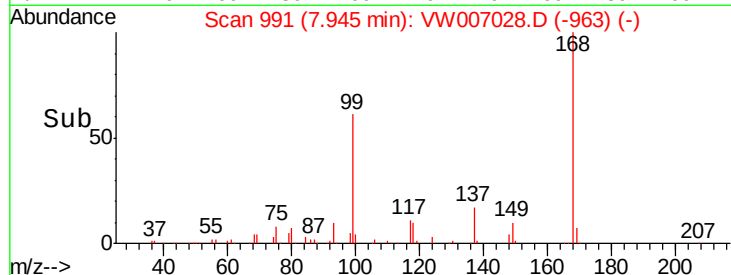
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.000 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007028.D

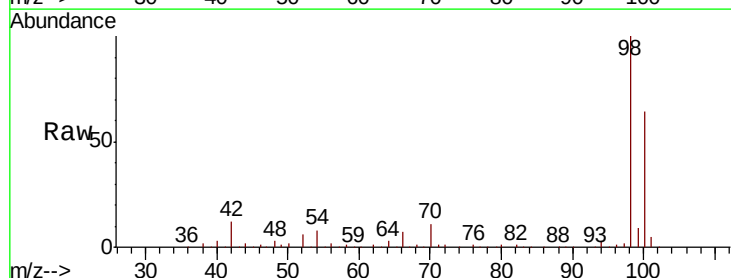
Acq: 22 Nov 2018 05:26

Tgt Ion: 98 Resp: 195716

Ion Ratio Lower Upper

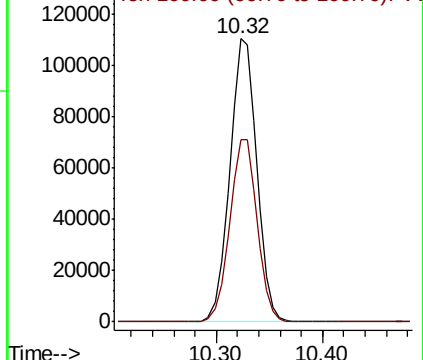
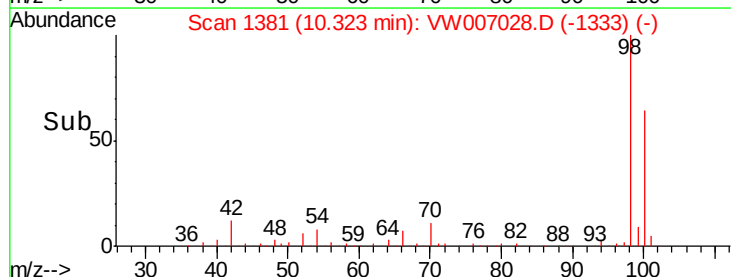
98 100

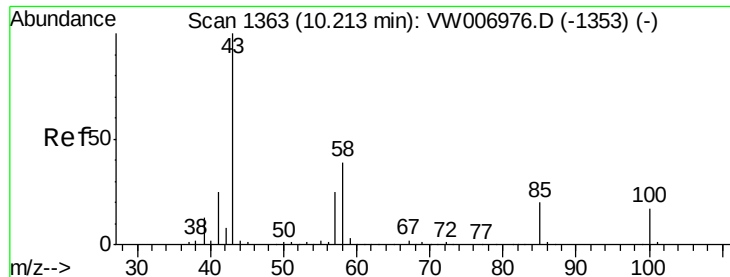
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.198 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

Instrument :

MSVOA_W

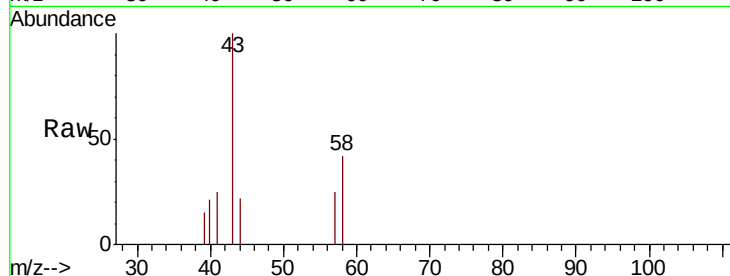
ClientSampled :

Tot Ion: 43 Resp: 682

Ion Ratio Lower Upper

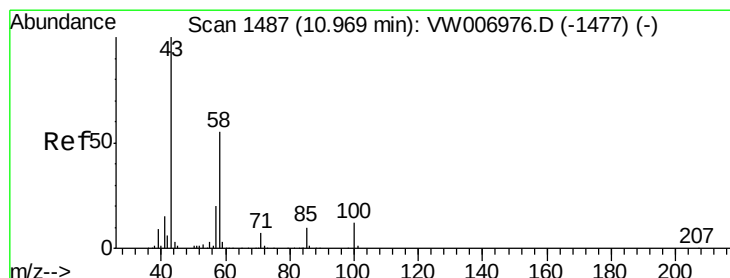
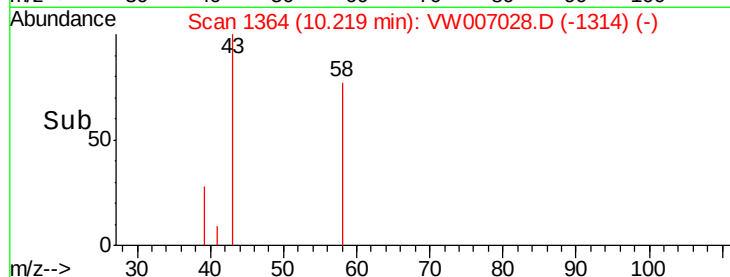
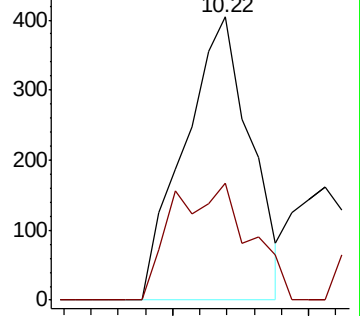
43 100

58 47.9 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#59

2-Hexanone

Concen: 32.083 ug/l

RT: 11.07 min Scan# 1504

Delta R.T. 0.10 min

Lab File: VW007028.D

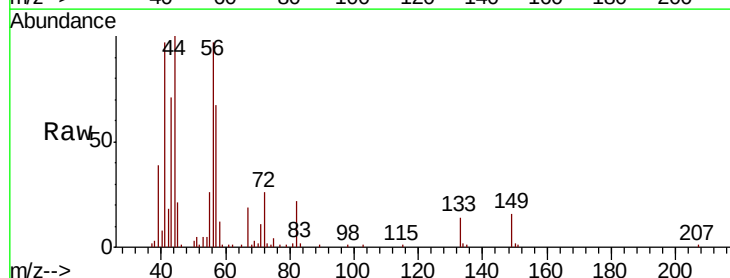
Acq: 22 Nov 2018 05:26

Tgt Ion: 43 Resp: 12511

Ion Ratio Lower Upper

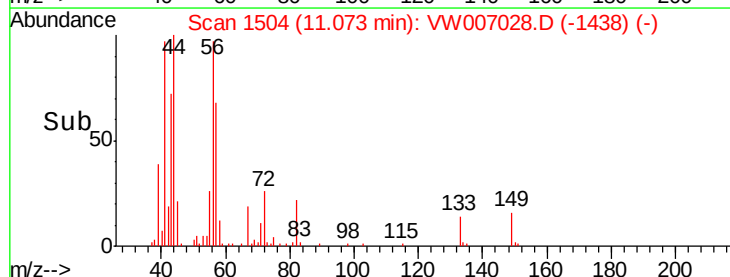
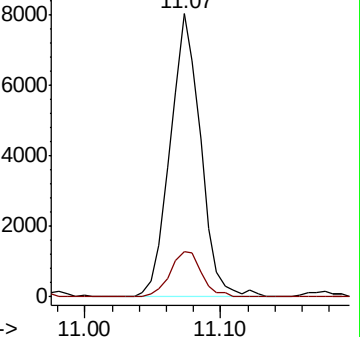
43 100

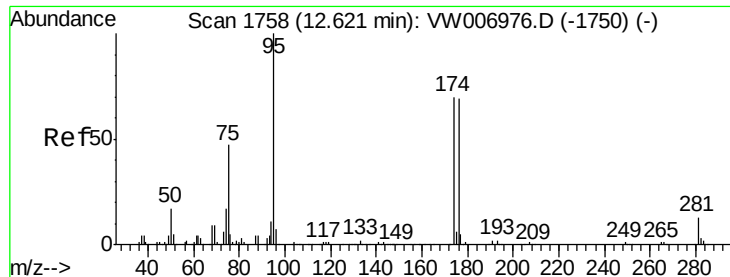
58 16.6 27.3 81.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

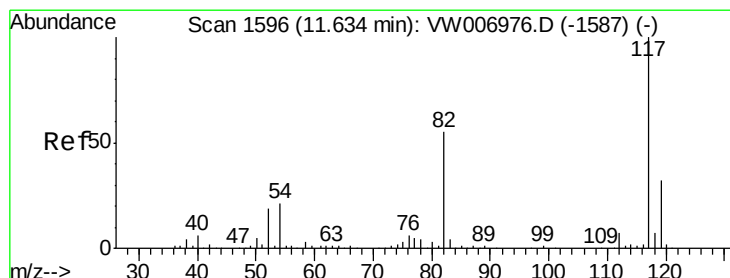
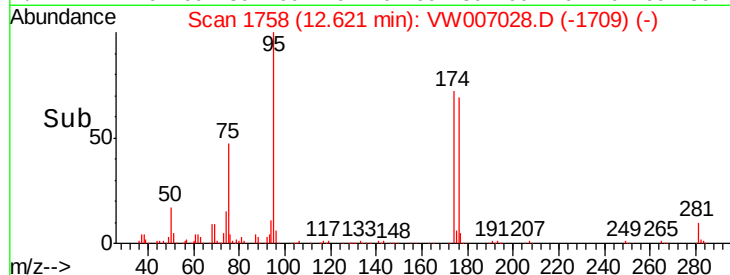
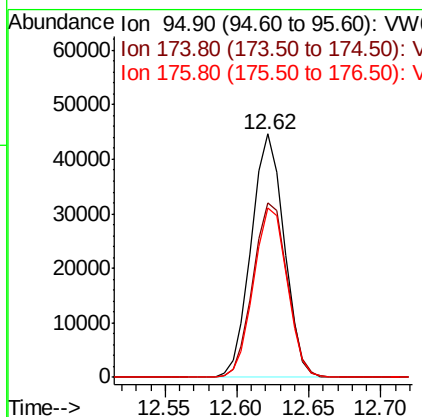
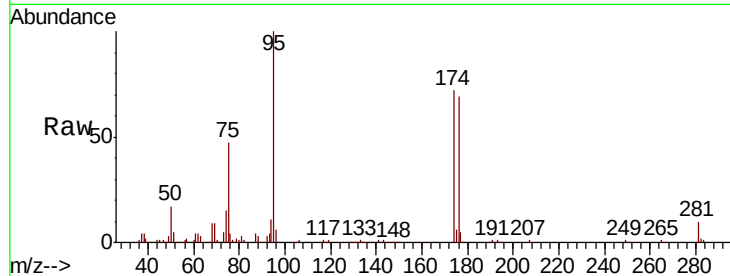




#62
4-Bromofluorobenzene
Concen: 43.128 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

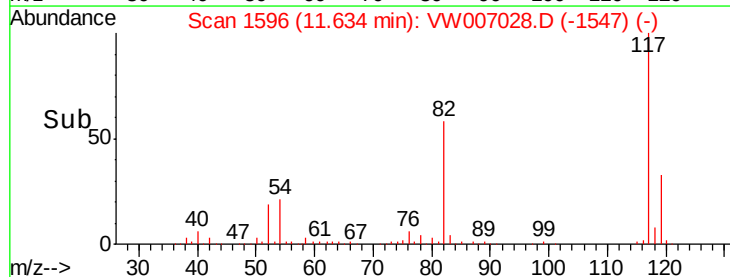
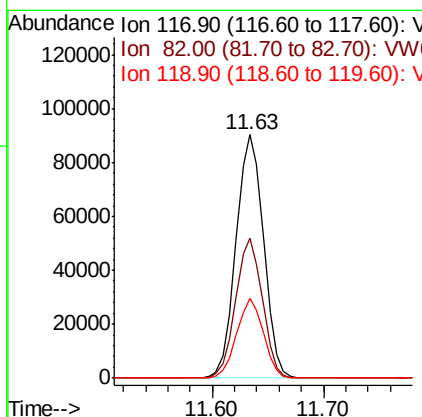
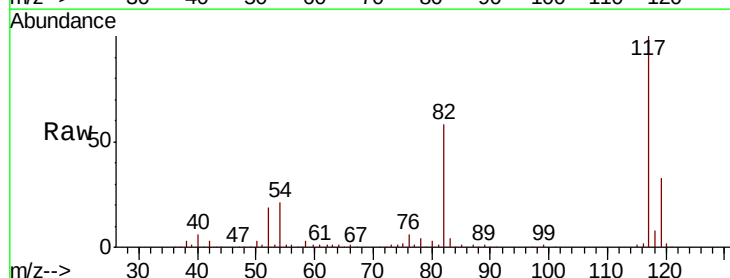
Instrument :
MSVOA_W
ClientSampleId :

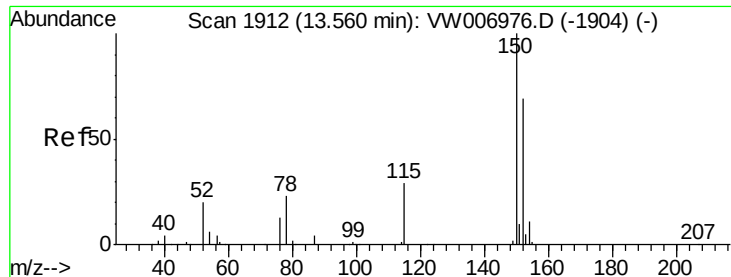
Tot Ion: 95 Resp: 70673
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.6
176 70.9 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007028.D
Acq: 22 Nov 2018 05:26

Tgt Ion: 117 Resp: 154055
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

Instrument :

MSVOA_W

ClientSampled :

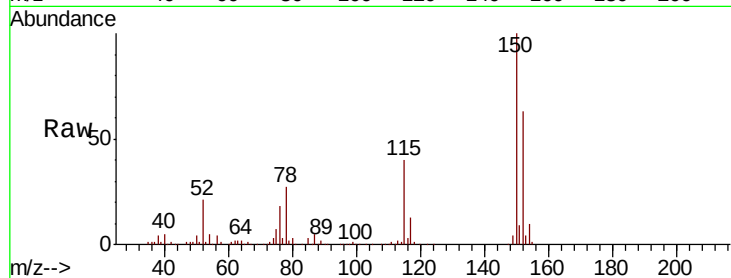
Tot Ion:152 Resp: 67003

Ion Ratio Lower Upper

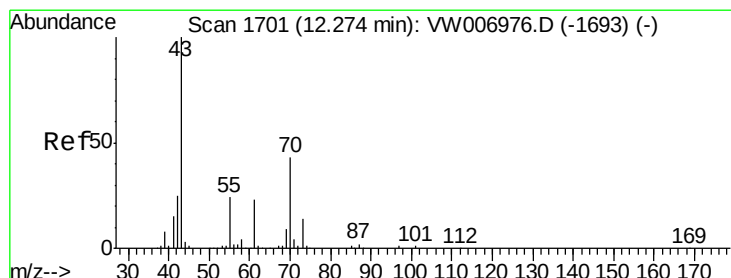
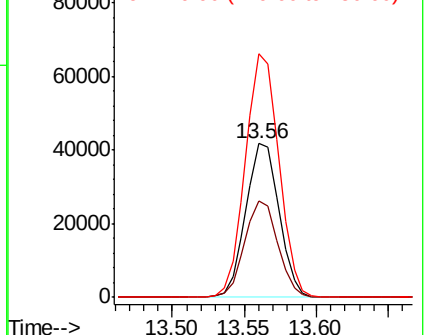
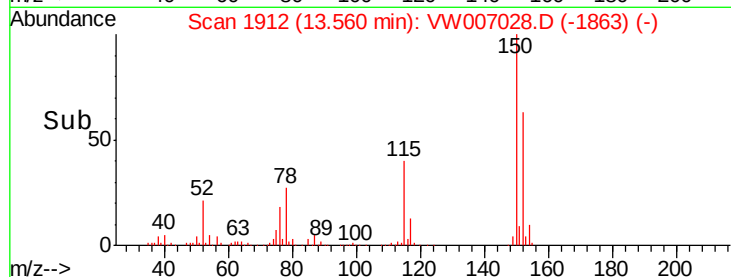
152 100

115 62.5 31.4 94.2

150 158.9 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.266 ug/l

RT: 12.24 min Scan# 1695

Delta R.T. -0.04 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

Tgt Ion: 43 Resp: 1105

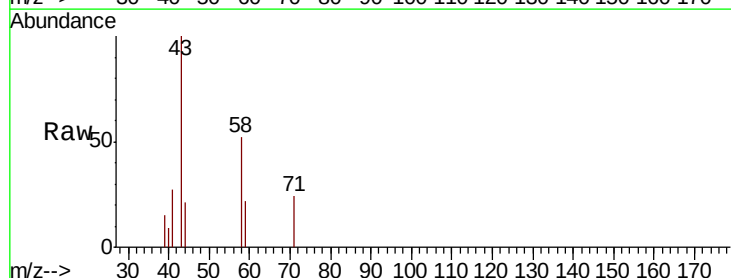
Ion Ratio Lower Upper

43 100

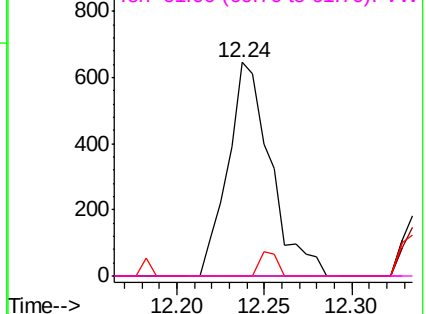
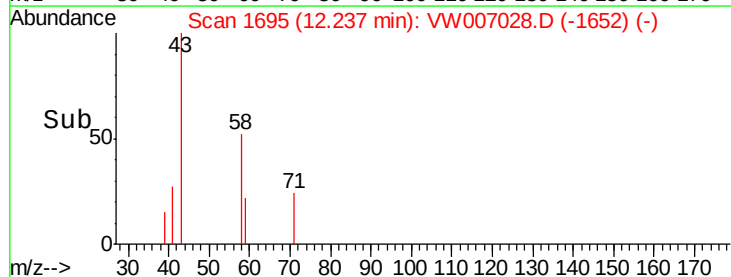
70 0.0 34.0 51.0#

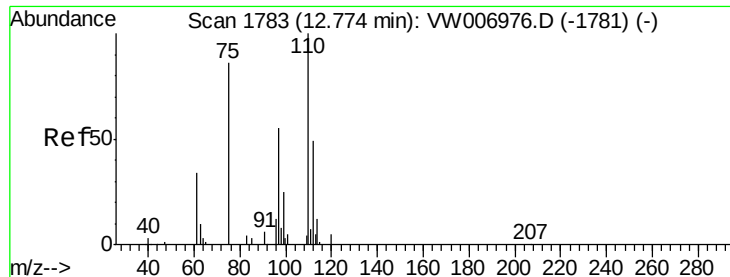
55 4.7 19.4 29.0#

61 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 65.346 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

Instrument :

MSVOA_W

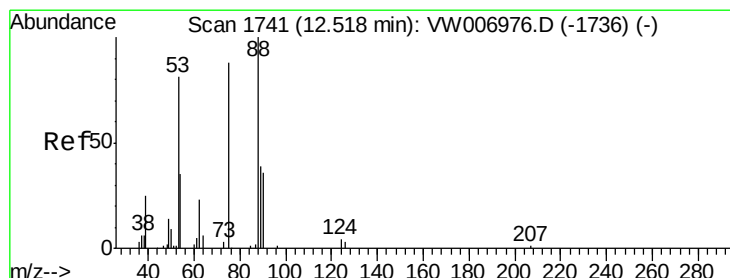
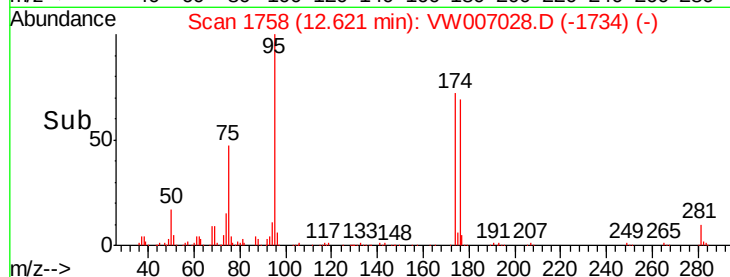
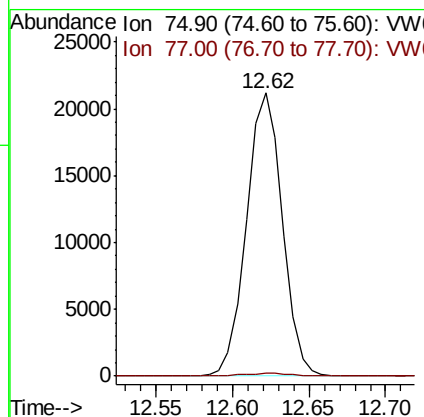
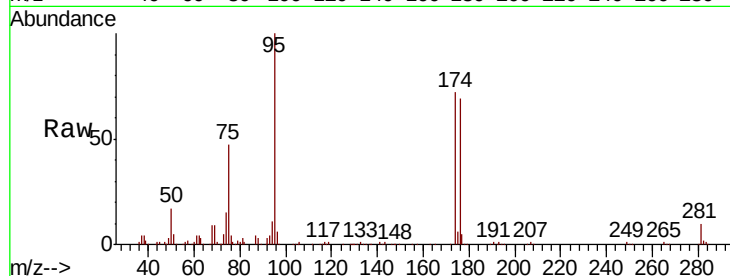
ClientSampleId :

Tot Ion: 75 Resp: 34405

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 164.057 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007028.D

Acq: 22 Nov 2018 05:26

Tgt Ion: 75 Resp: 34405

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 39.3 58.9#

