

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007874.D
 Acq On : 23 Dec 2018 06:34
 Operator : SY/AP
 Sample : J6446-02
 Misc : 5.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS025-1218-02

Quant Time: Dec 24 00:00:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	92518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	51069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12955	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	40231	60.94	ug/l	0.00
Spiked Amount			Recovery	=	121.88%	
35) Dibromofluoromethane	7.88	113	32069	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
50) Toluene-d8	10.32	98	87725	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	
62) 4-Bromofluorobenzene	12.62	95	18097	22.02	ug/l	0.00
Spiked Amount			Recovery	=	44.04%	

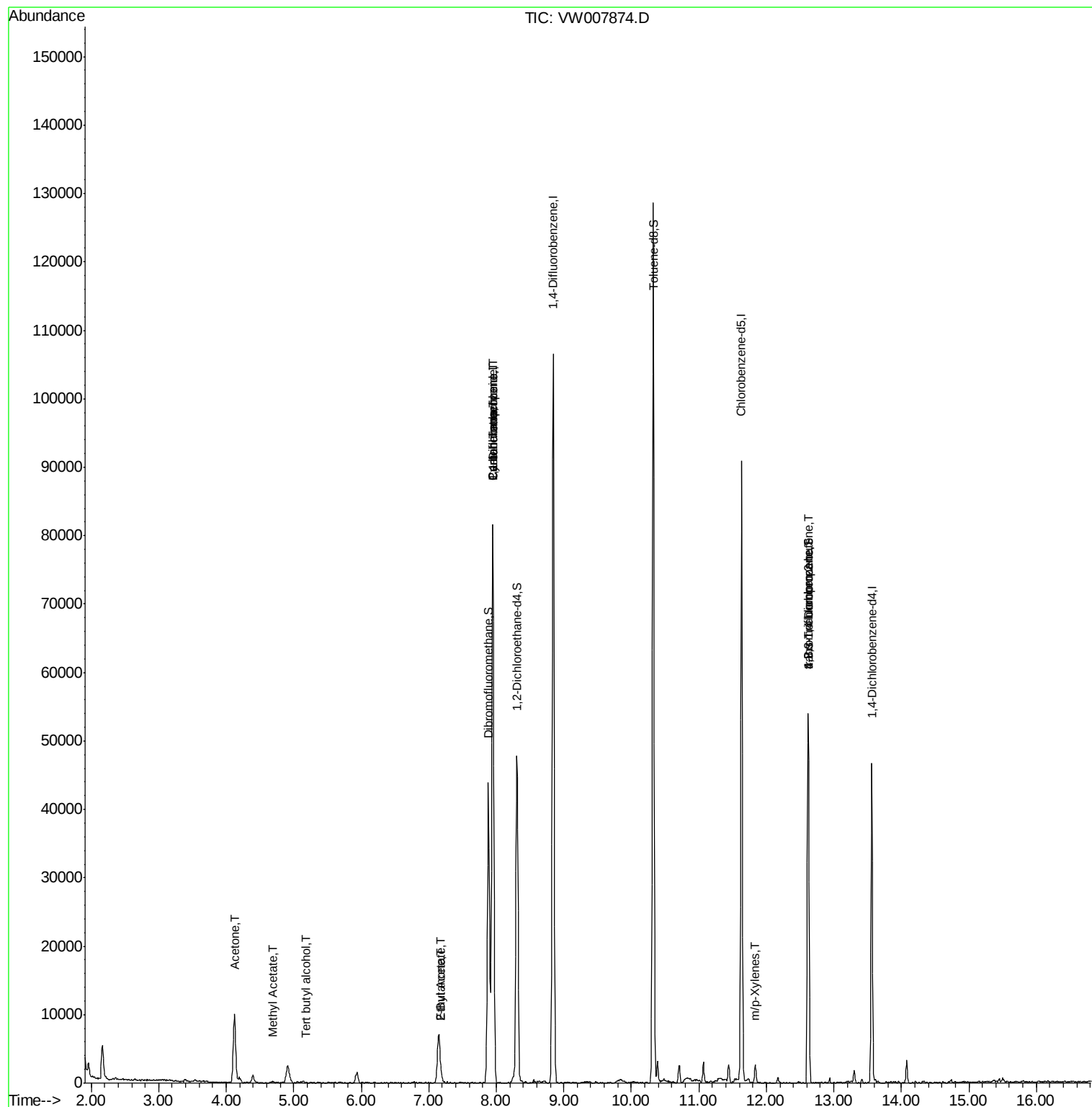
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	125	2.807	ug/l #	73
16) Acetone	4.12	43	17225	139.332	ug/l	98
18) Methyl Acetate	4.68	43	567	1.929	ug/l #	46
20) Methylene Chloride	4.91	84	2346	Below Cal	#	81
25) 2-Butanone	7.18	43	2026	13.992	ug/l	94
31) Cyclohexane	7.95	56	1190	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4491	5.029	ug/l #	51
37) Ethyl Acetate	7.18	43	2026	6.574	ug/l #	68
38) Carbon Tetrachloride	7.95	117	6312	6.002	ug/l #	15
68) m/p-Xylenes	11.83	106	841	1.143	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	9313	93.009	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9313	195.233	ug/l #	9

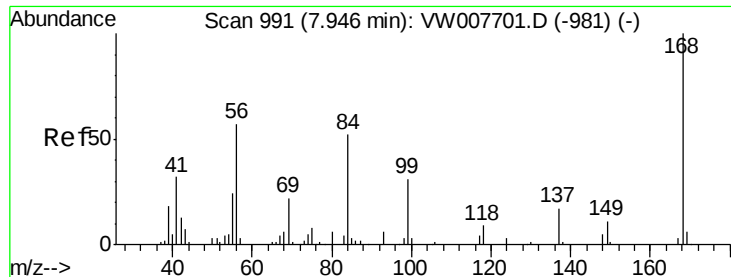
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007874.D

Acq: 23 Dec 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

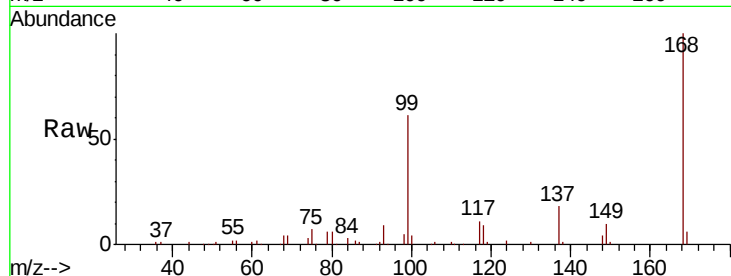
P001-SS025-1218-02

Tgt Ion:168 Resp: 60233

Ion Ratio Lower Upper

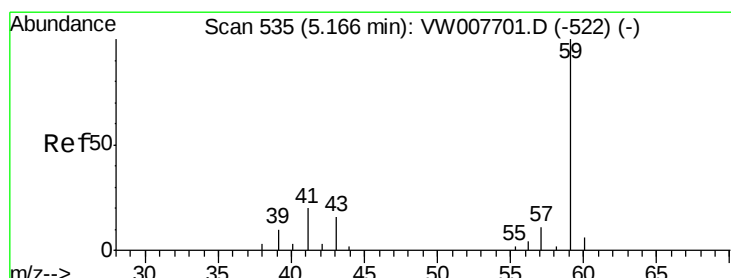
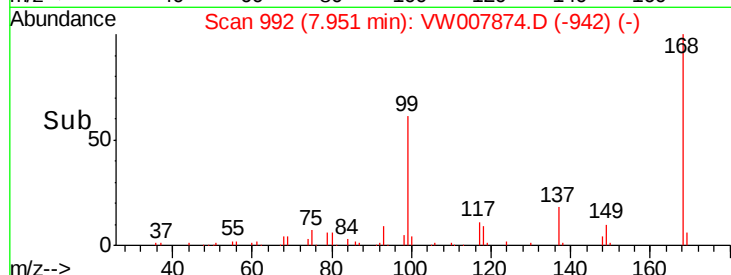
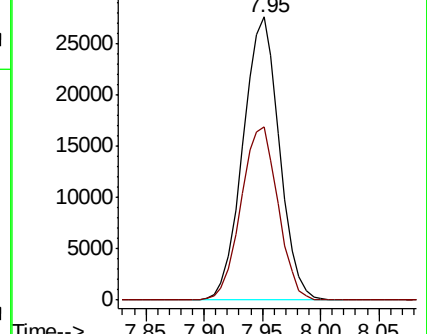
168 100

99 61.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.807 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007874.D

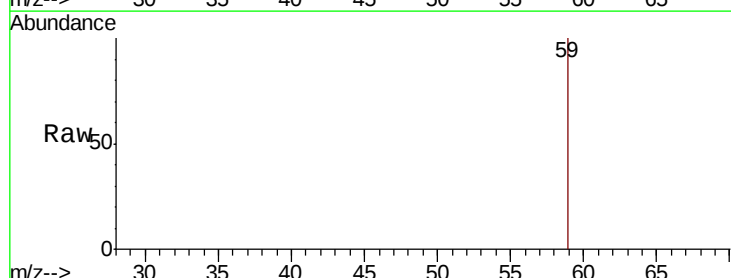
Acq: 23 Dec 2018 06:34

Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

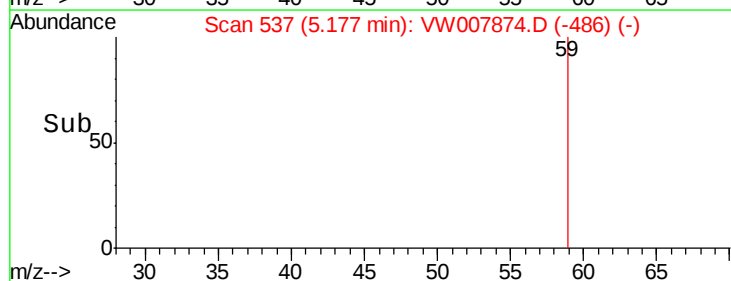
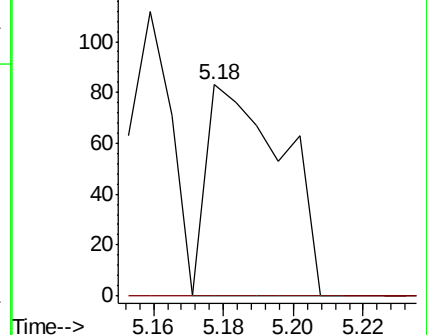
59 100

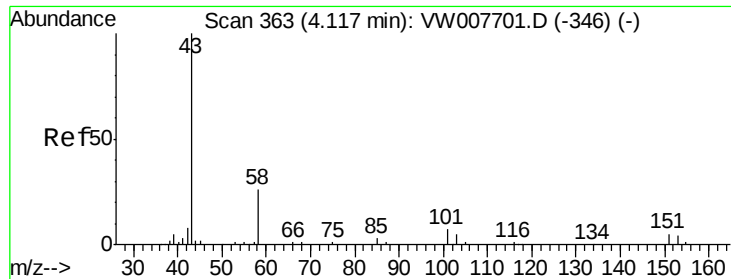
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 139.332 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007874.D

Acq: 23 Dec 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

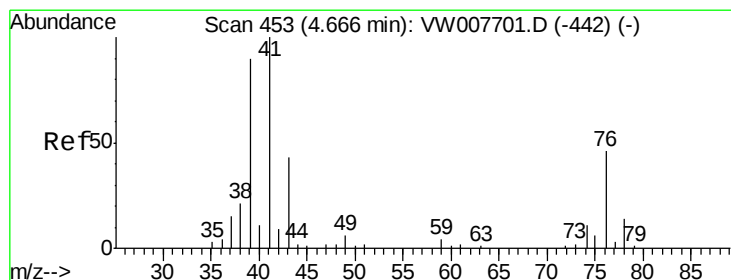
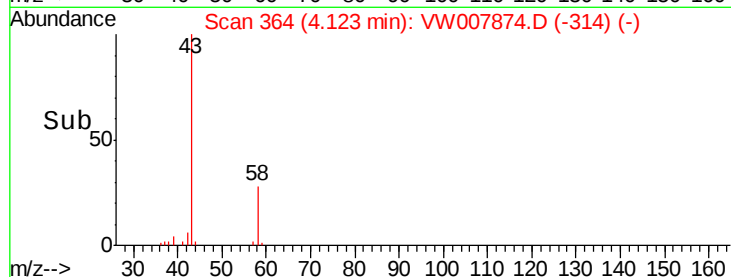
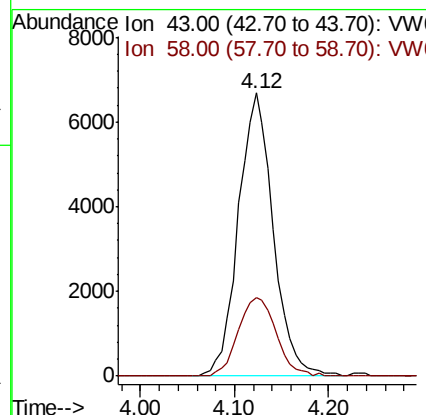
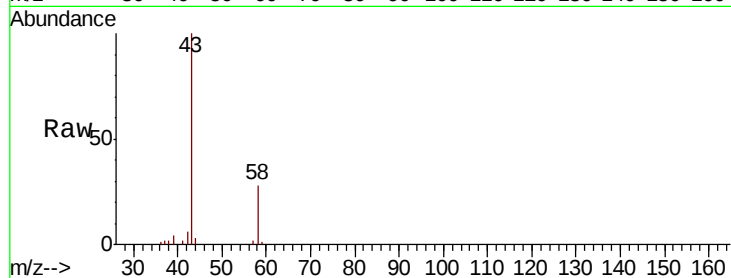
P001-SS025-1218-02

Tgt Ion: 43 Resp: 17225

Ion Ratio Lower Upper

43 100

58 27.7 21.2 31.8



#18

Methyl Acetate

Concen: 1.929 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW007874.D

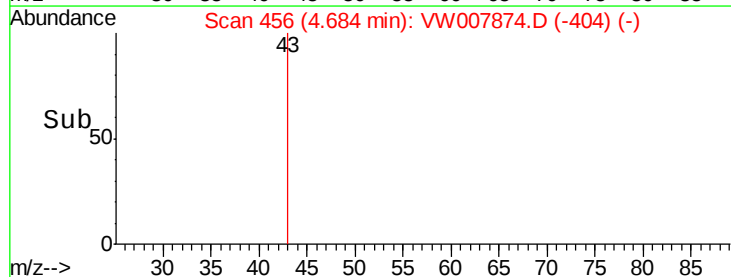
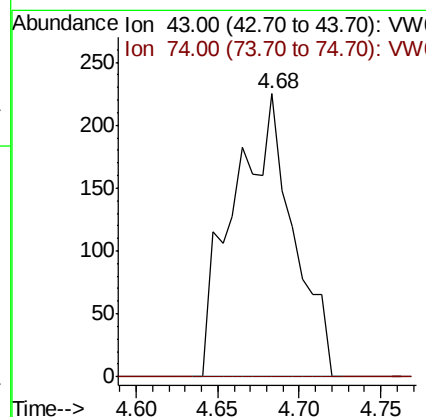
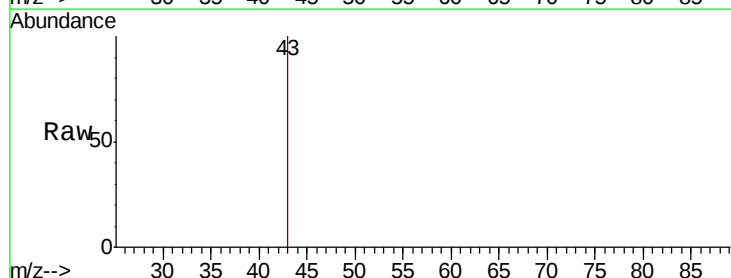
Acq: 23 Dec 2018 06:34

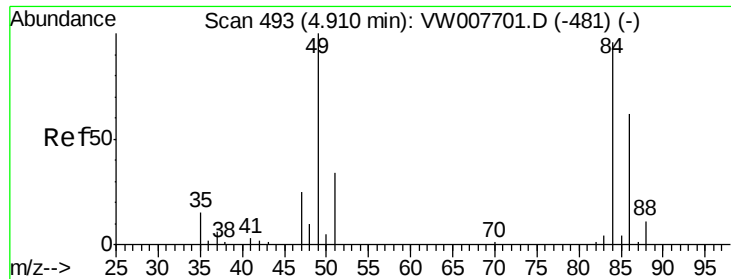
Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

74 0.0 22.7 34.1#

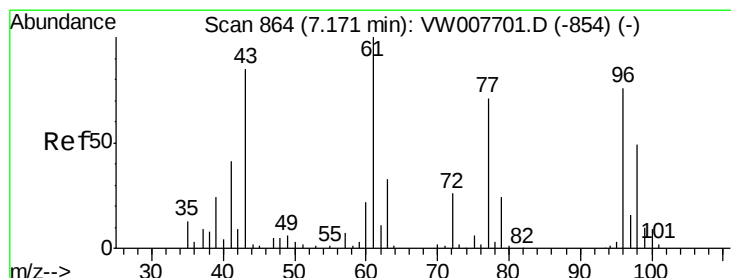
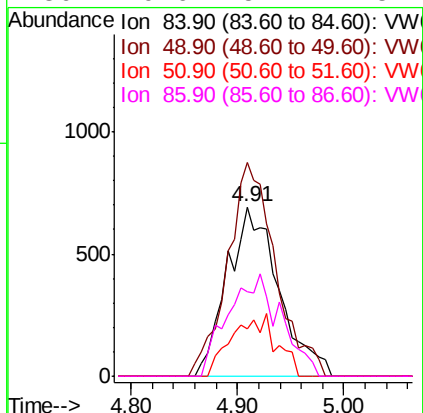
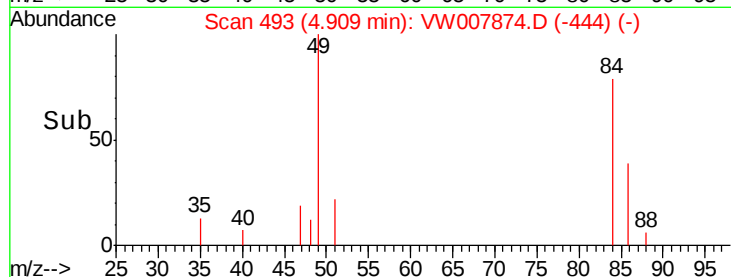
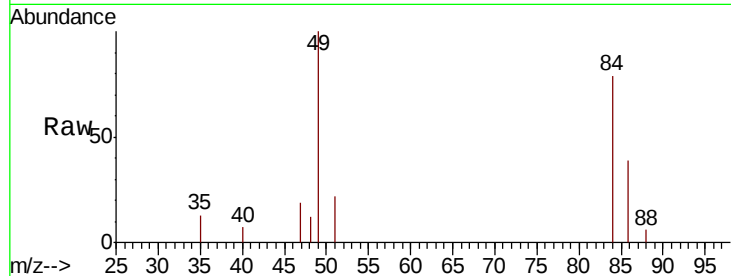




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

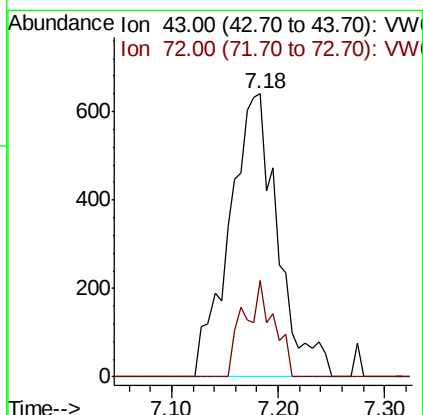
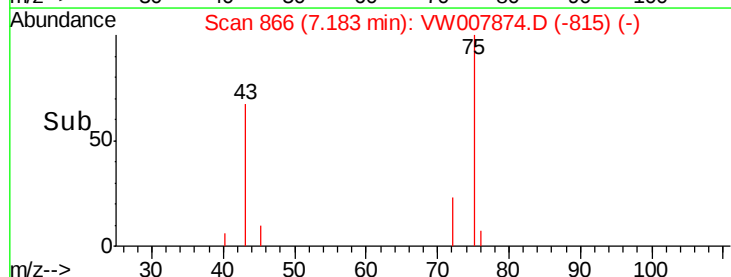
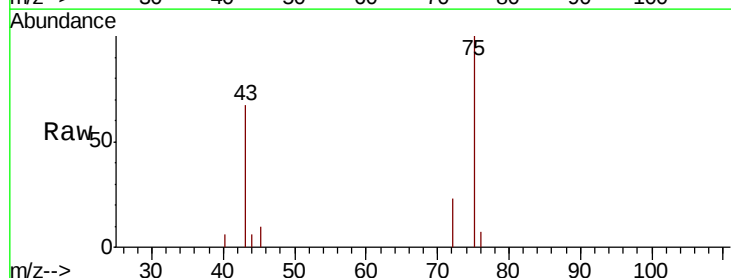
Instrument :
MSVOA_W
ClientSampleId :
P001-SS025-1218-02

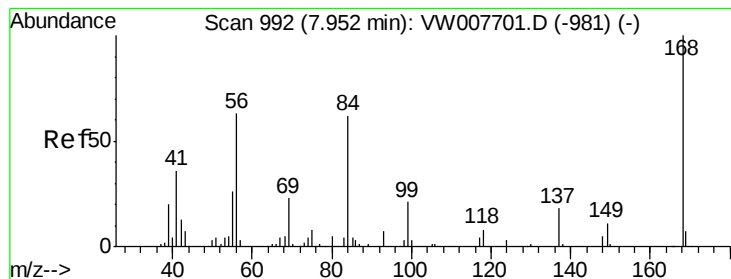
Tgt Ion: 84 Resp: 2346
Ion Ratio Lower Upper
84 100
49 125.9 83.7 125.5#
51 28.1 28.2 42.2#
86 49.6 52.2 78.2#



#25
2-Butanone
Concen: 13.992 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Tgt Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
72 33.9 24.5 36.7





#31

Cyclohexane

Concen: 1.211 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007874.D

Acq: 23 Dec 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

P001-SS025-1218-02

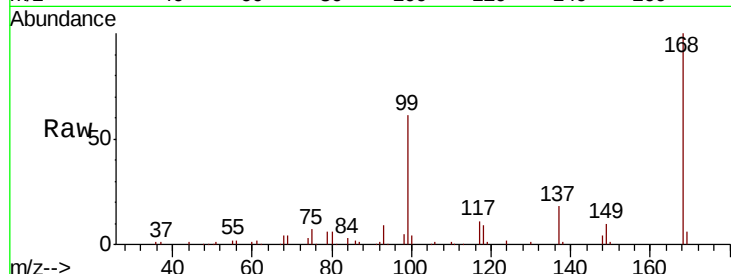
Tgt Ion: 56 Resp: 1190

Ion Ratio Lower Upper

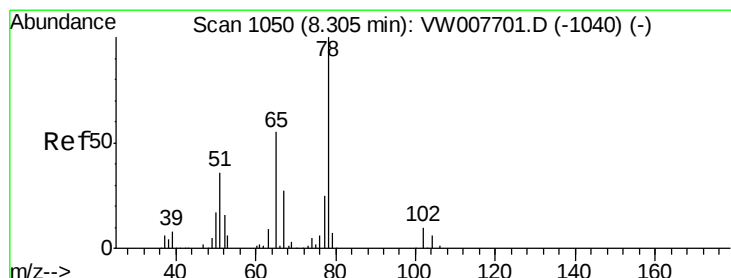
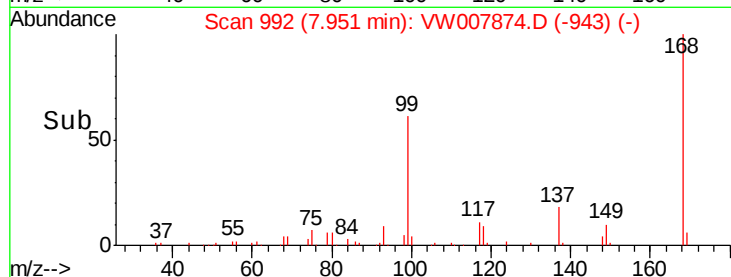
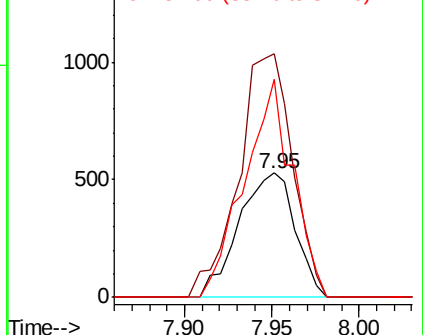
56 100

69 196.0 29.7 44.5#

84 175.6 78.9 118.3#



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: 60.939 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007874.D

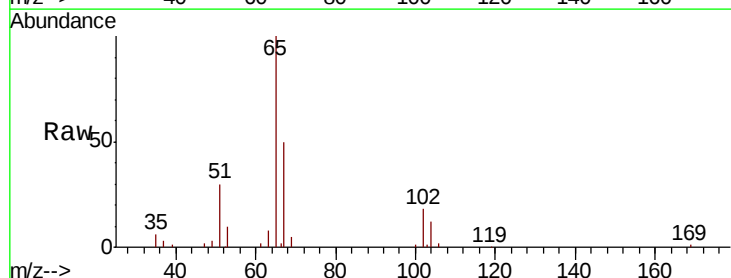
Acq: 23 Dec 2018 06:34

Tgt Ion: 65 Resp: 40231

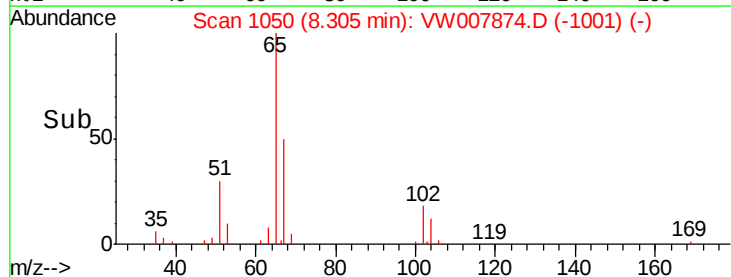
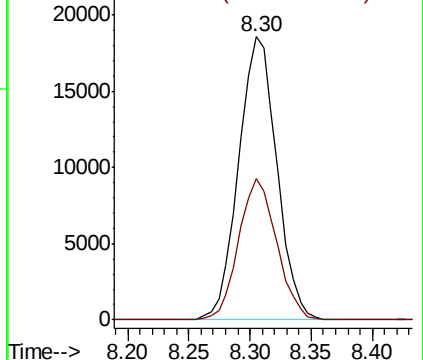
Ion Ratio Lower Upper

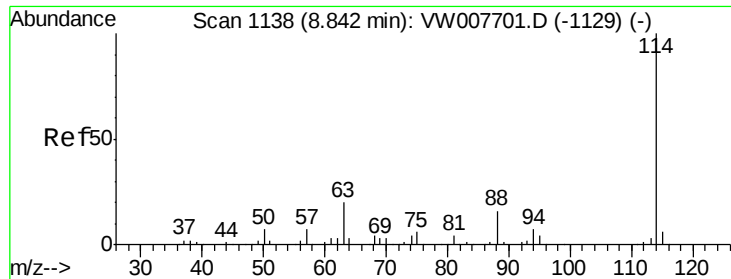
65 100

67 49.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

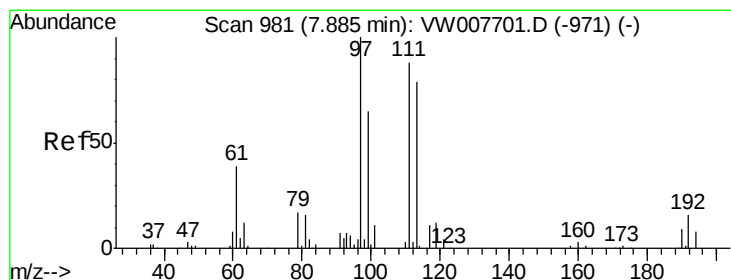
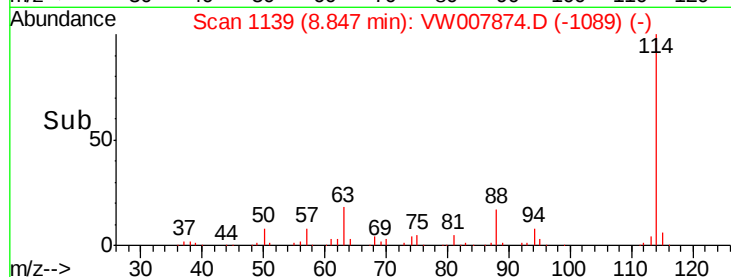
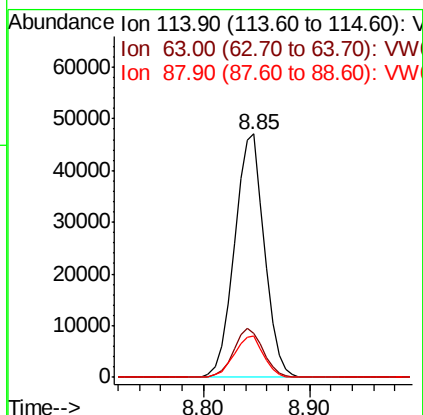
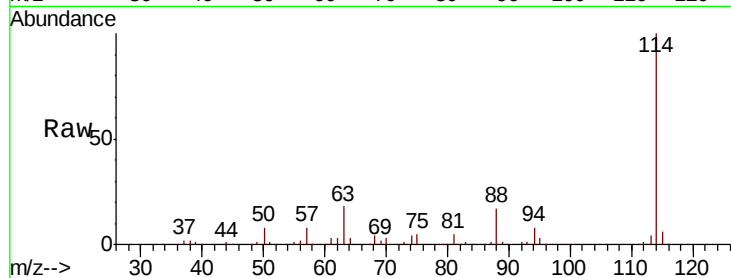




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007874.D
 Acq: 23 Dec 2018 06:34

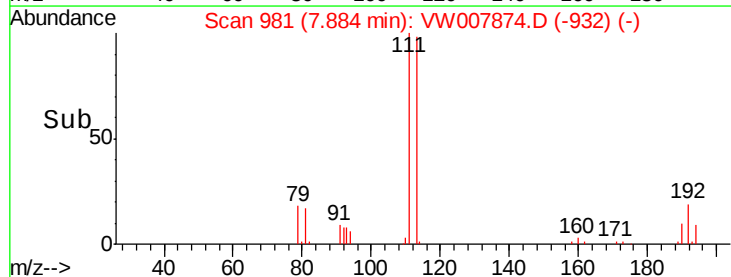
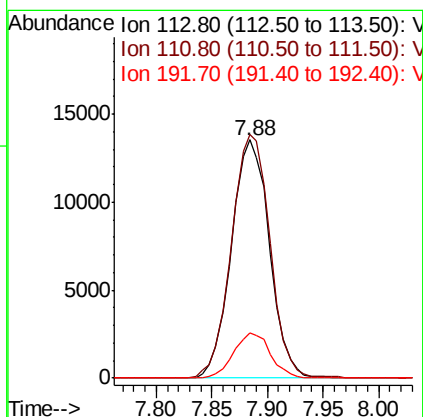
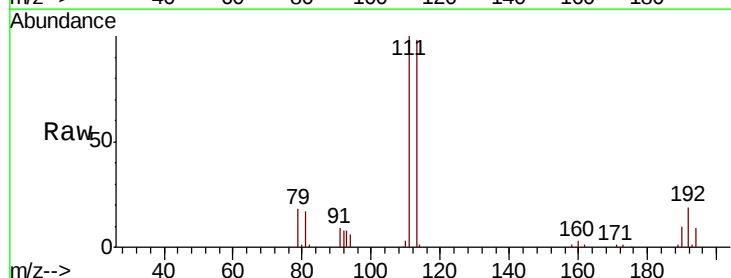
Instrument :
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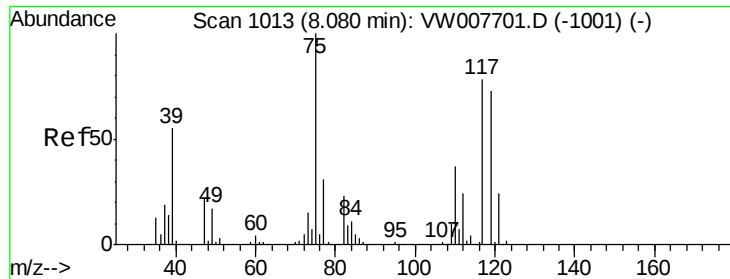
Tgt Ion:114 Resp: 92518
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 16.8 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 56.819 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007874.D
 Acq: 23 Dec 2018 06:34

Tgt Ion:113 Resp: 32069
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 124.0
 192 18.3 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.029 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007874.D

Acq: 23 Dec 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

P001-SS025-1218-02

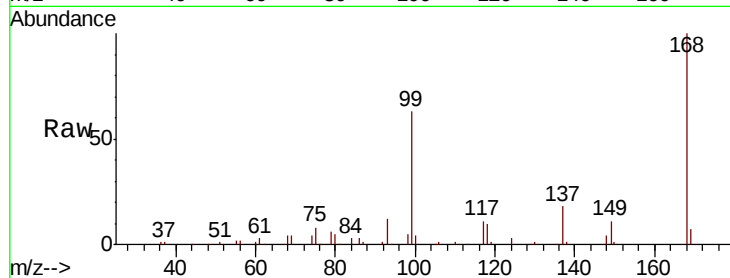
Tgt Ion: 75 Resp: 4491

Ion Ratio Lower Upper

75 100

110 12.0 18.6 55.8#

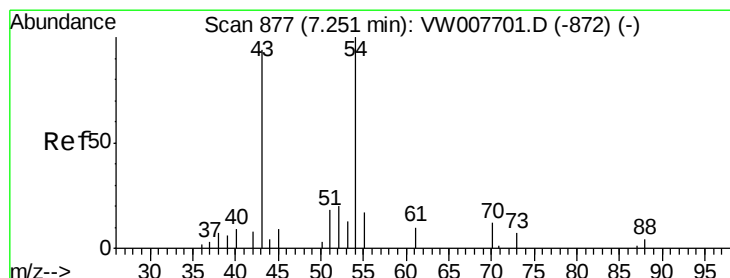
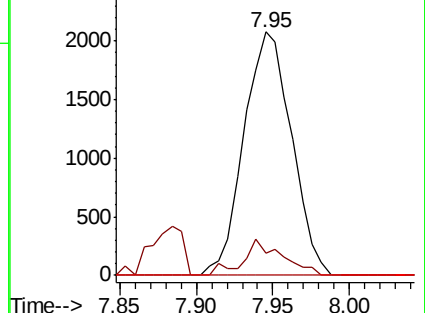
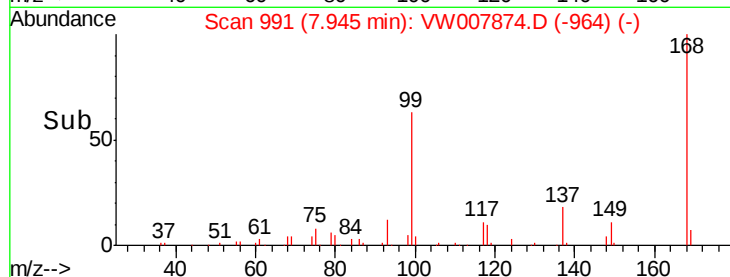
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 6.574 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW007874.D

Acq: 23 Dec 2018 06:34

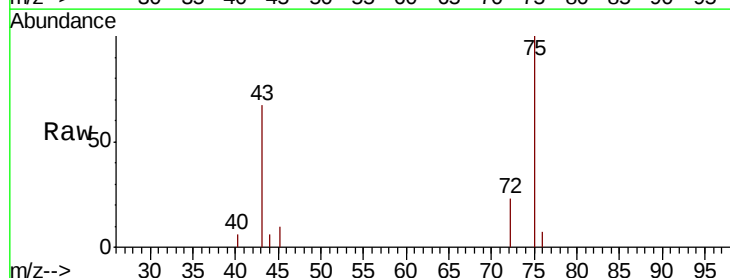
Tgt Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

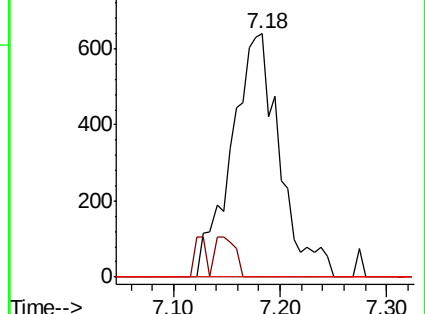
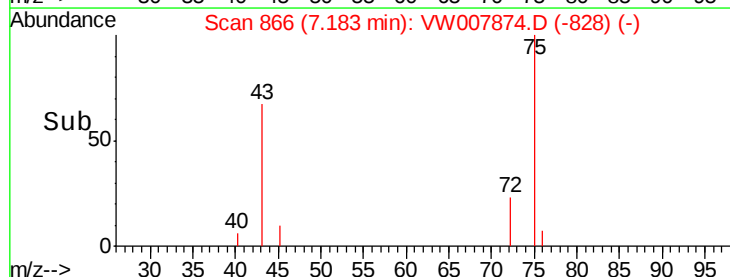
70 0.0 9.3 13.9#

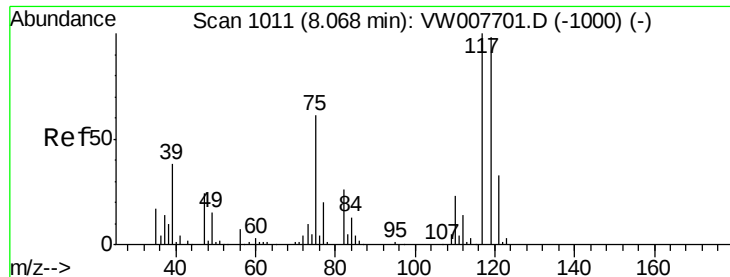


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

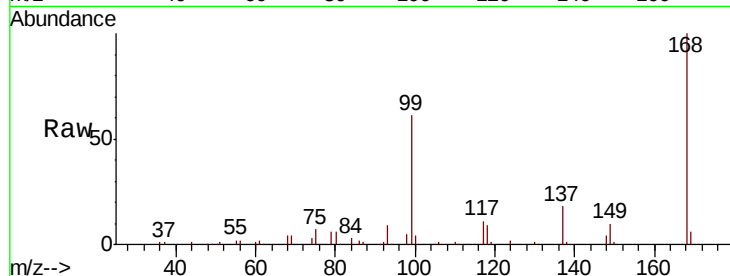




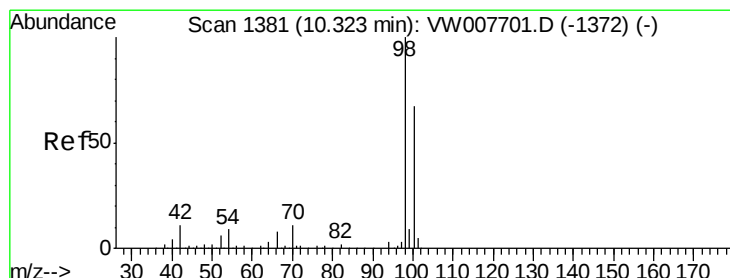
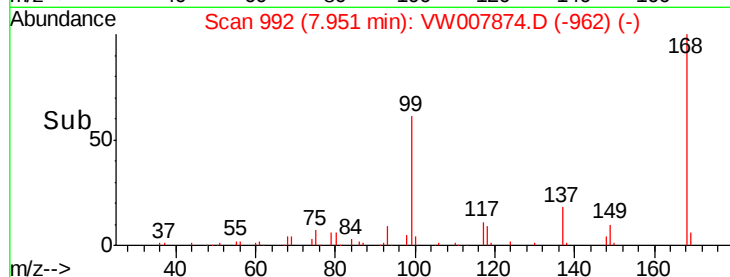
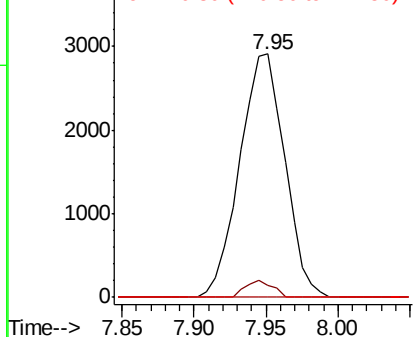
#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Instrument :
MSVOA_W
ClientSampleId :
P001-SS025-1218-02

Tgt Ion:117 Resp: 6312
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 26.1 39.1#

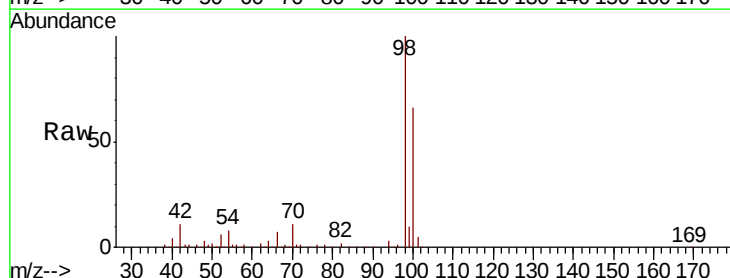


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

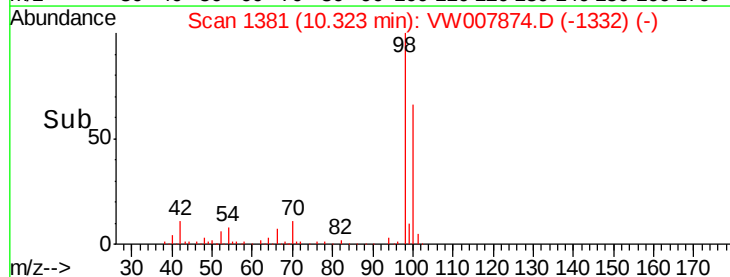
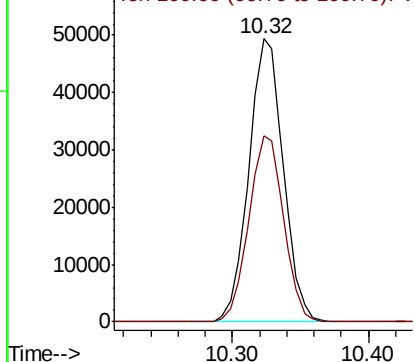


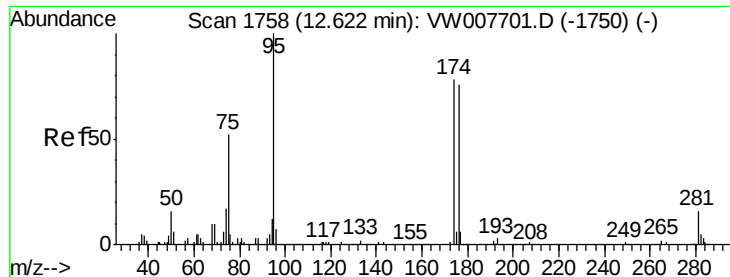
#50
Toluene-d8
Concen: 41.229 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Tgt Ion: 98 Resp: 87725
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

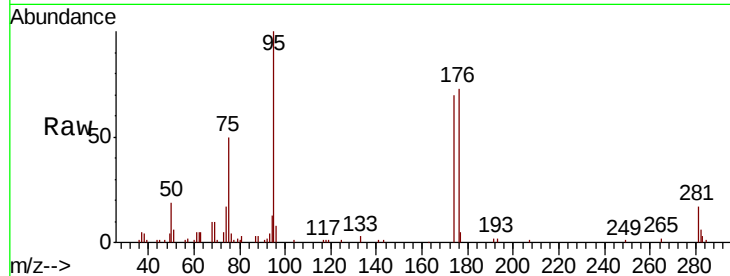




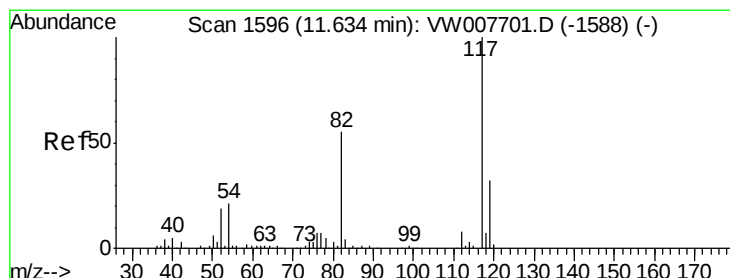
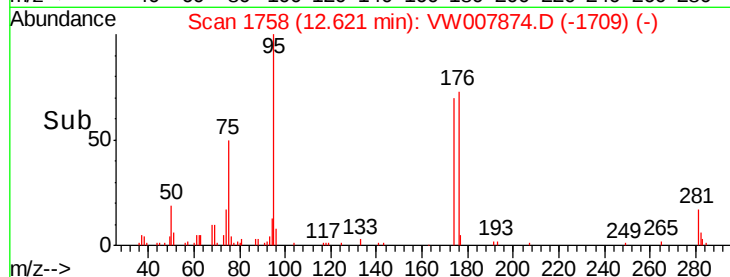
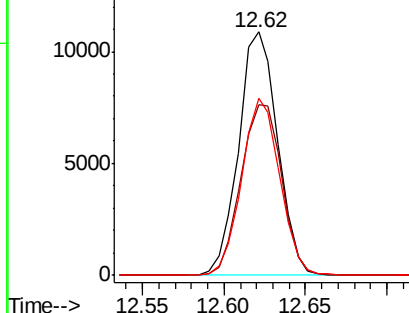
#62
4-Bromofluorobenzene
Concen: 22.016 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Instrument :
MSVOA_W
ClientSampleId :
P001-SS025-1218-02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	152.2
176	71.1	0.0	146.8

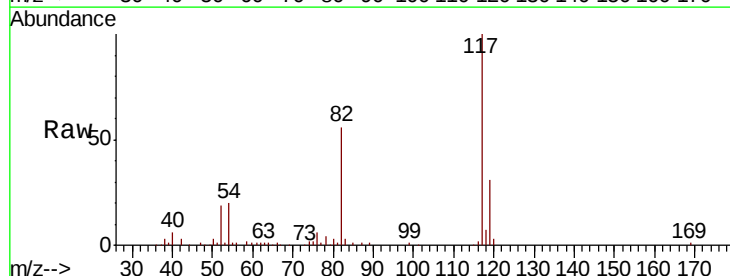


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

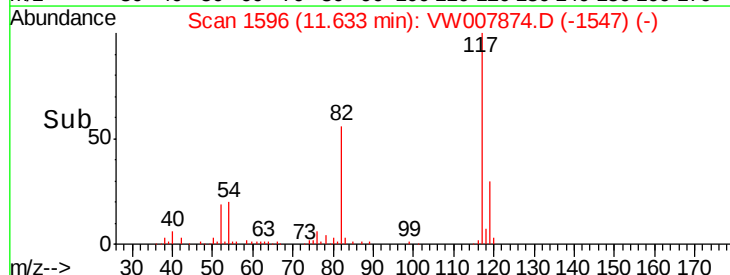
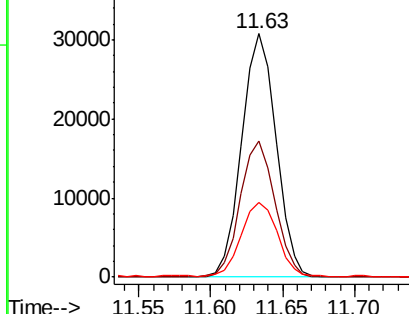


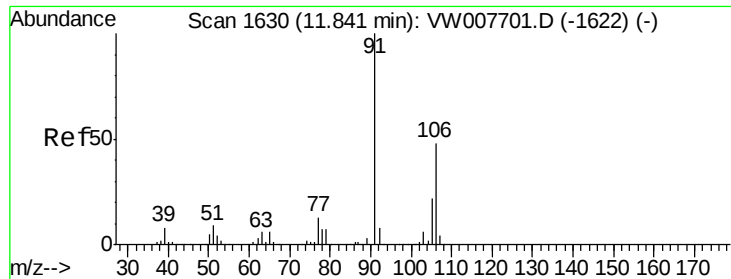
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	30.5	25.7	38.5



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

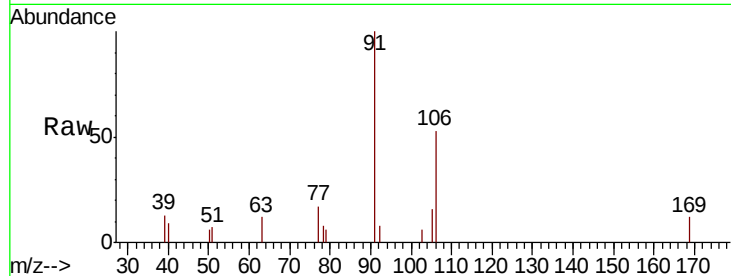




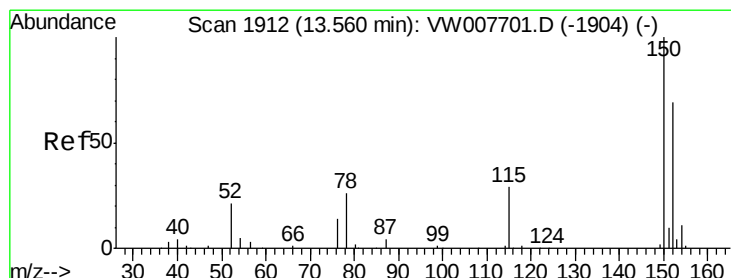
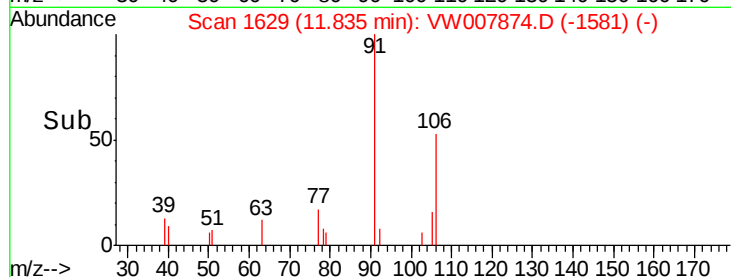
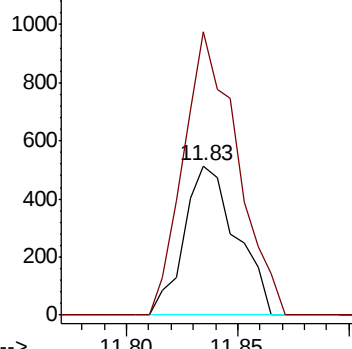
#68
m/p-Xylenes
Concen: 1.143 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Instrument :
MSVOA_W
ClientSampleId :
P001-SS025-1218-02

Tgt Ion:106 Resp: 841
Ion Ratio Lower Upper
106 100
91 195.4 165.2 247.8

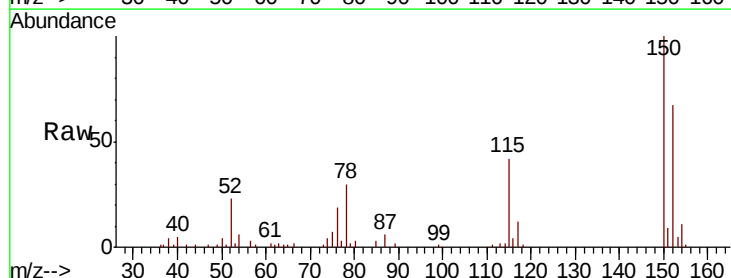


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

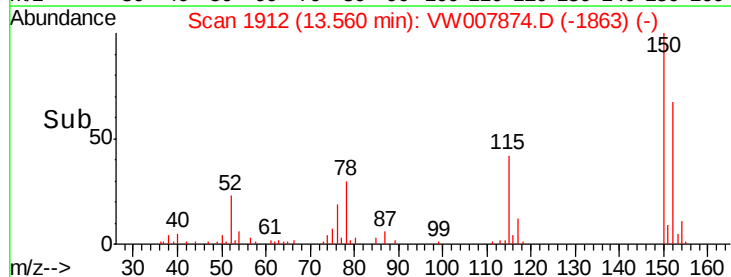
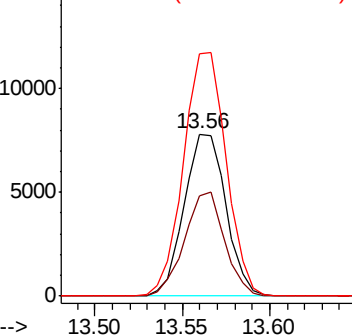


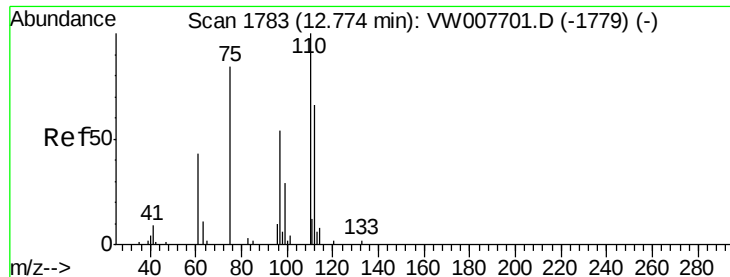
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007874.D
Acq: 23 Dec 2018 06:34

Tgt Ion:152 Resp: 12955
Ion Ratio Lower Upper
152 100
115 61.6 31.8 95.4
150 153.8 0.0 350.8



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

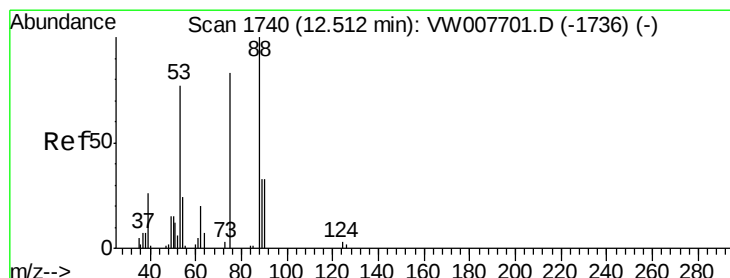
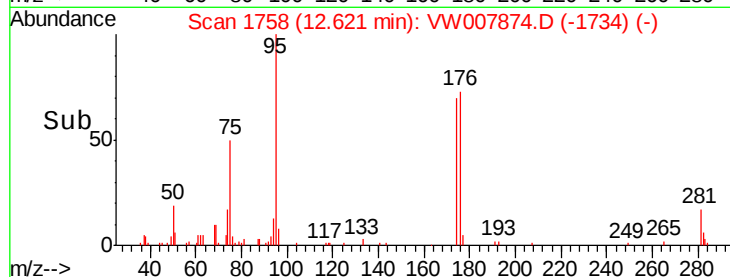
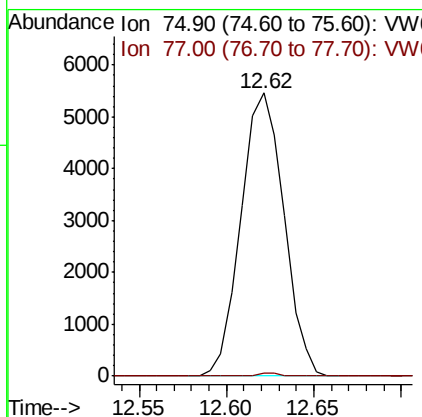
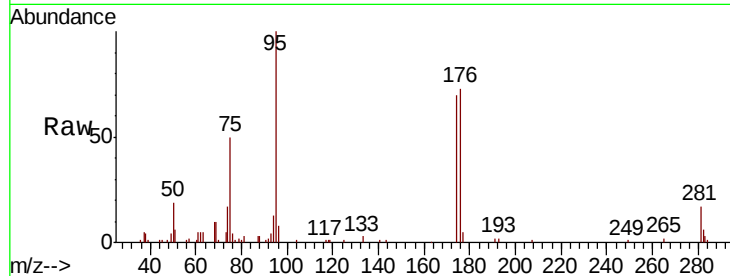




#76
 1,2,3-Trichloropropane
 Concen: 93.009 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007874.D
 Acq: 23 Dec 2018 06:34

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS025-1218-02

Tgt Ion: 75 Resp: 9313
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 195.233 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007874.D
 Acq: 23 Dec 2018 06:34

Tgt Ion: 75 Resp: 9313
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.2 58.8#

