

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004322.D
 Acq On : 29 Jul 2018 19:06
 Operator : SY/AP
 Sample : J4095-06RE
 Misc : 14.08G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:34:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	183194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70523	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	64321	53.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	55250	47.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.44%	
50) Toluene-d8	10.33	98	190395	41.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.22%	
62) 4-Bromofluorobenzene	12.62	95	61253	38.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.04%	

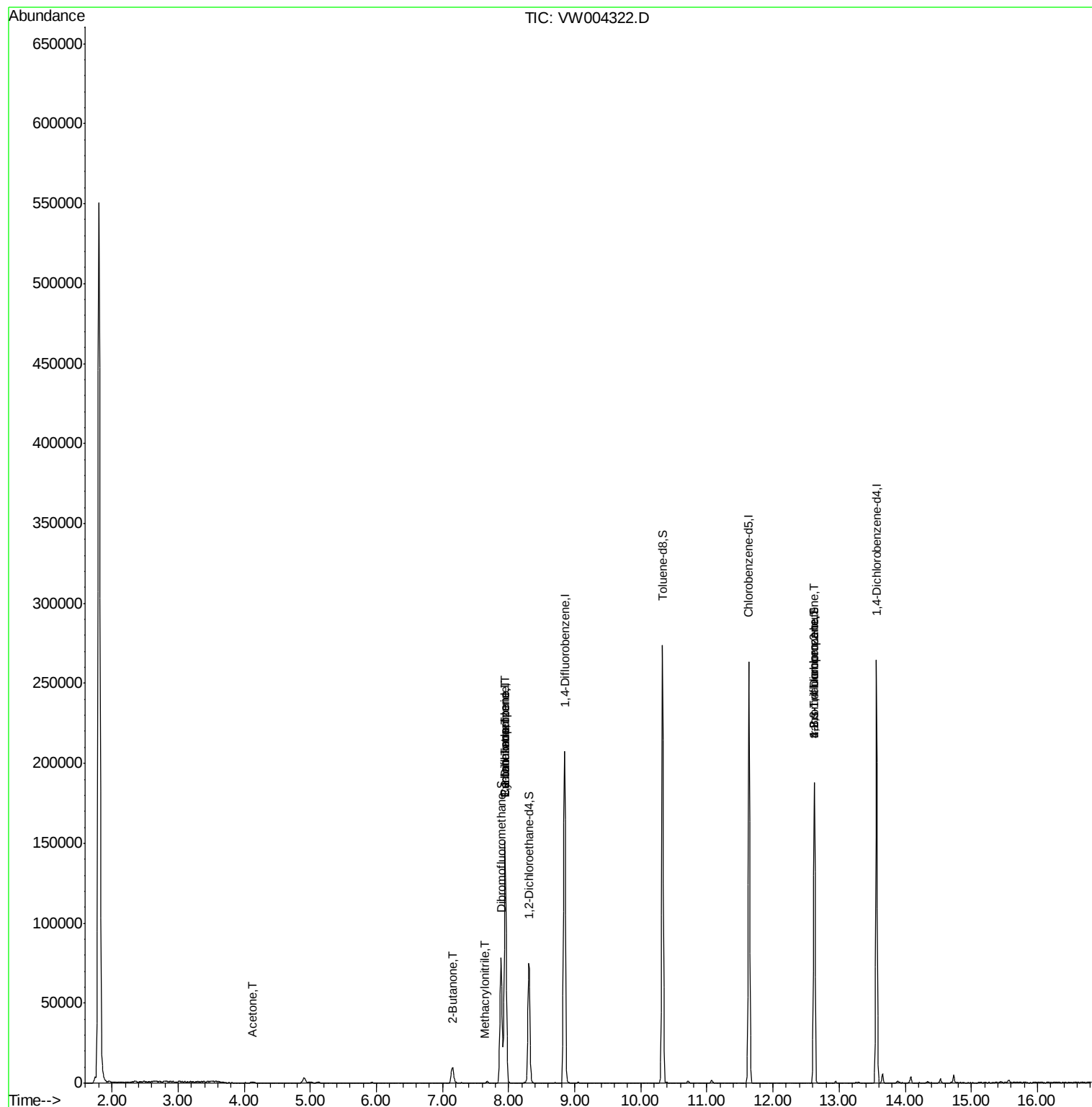
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	25	Below Cal	#	44
11) Tert butyl alcohol	5.18	59	169	Below Cal	#	72
16) Acetone	4.12	43	1402	17.869	ug/l #	86
25) 2-Butanone	7.15	43	490	1.456	ug/l #	50
31) Cyclohexane	7.95	56	2068	1.000	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7997	4.364	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11050	6.106	ug/l #	14
41) Methacrylonitrile	7.63	41	25	2.146	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	30372	47.189	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30372	109.802	ug/l #	11

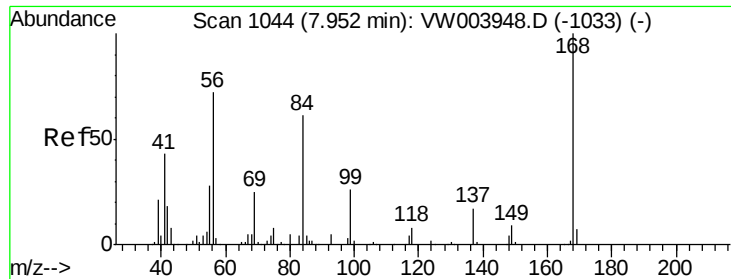
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 30 04:34:28 2018
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004322.D

Acq: 29 Jul 2018 19:06

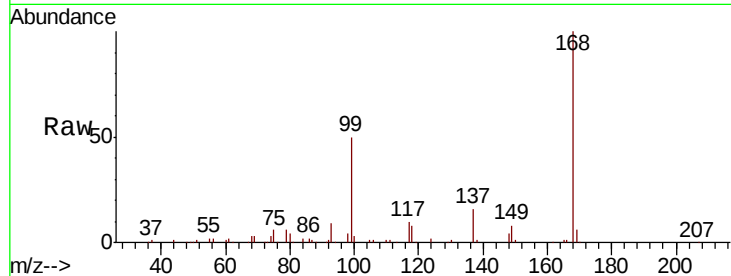
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 120089

Ion Ratio Lower Upper

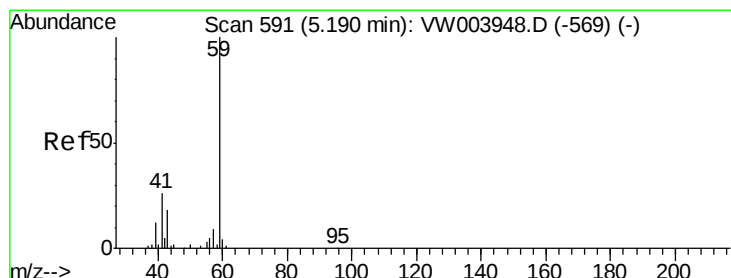
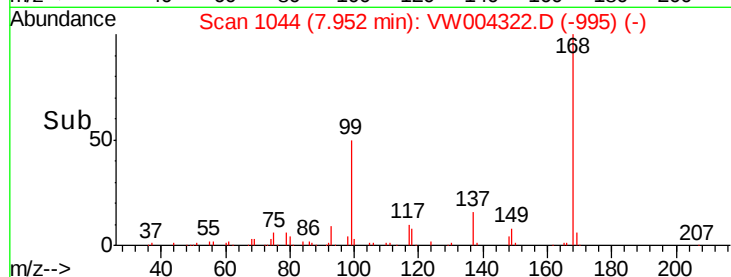
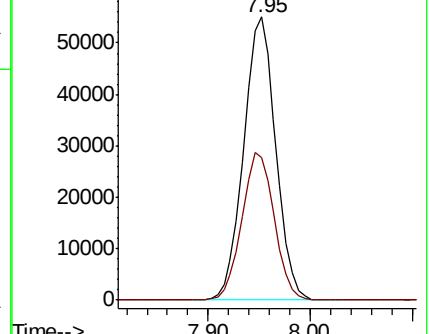
168 100

99 50.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 590

Delta R.T. 0.01 min

Lab File: VW004322.D

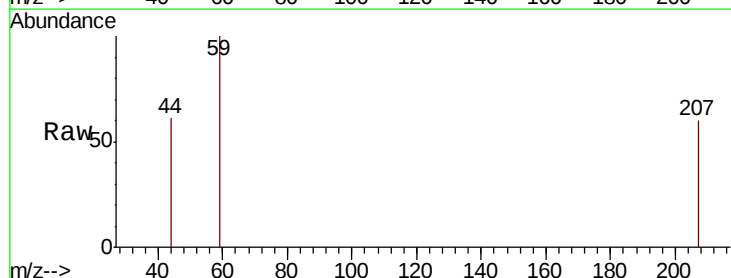
Acq: 29 Jul 2018 19:06

Tgt Ion: 59 Resp: 169

Ion Ratio Lower Upper

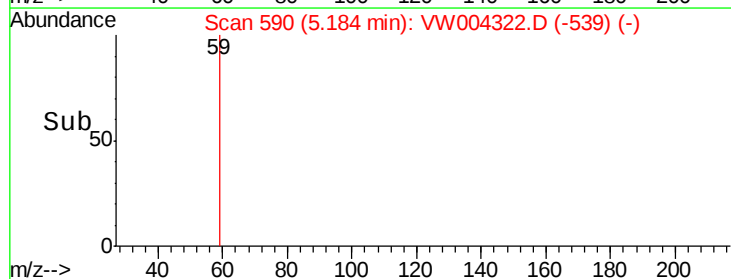
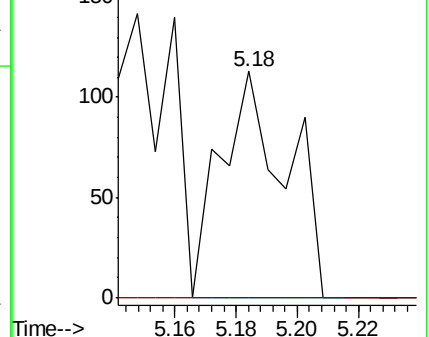
59 100

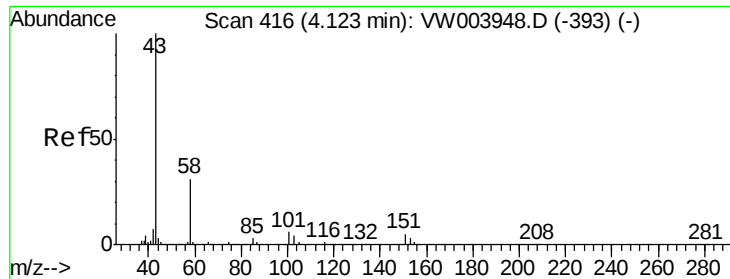
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 17.869 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004322.D

Acq: 29 Jul 2018 19:06

Instrument :

MSVOA_W

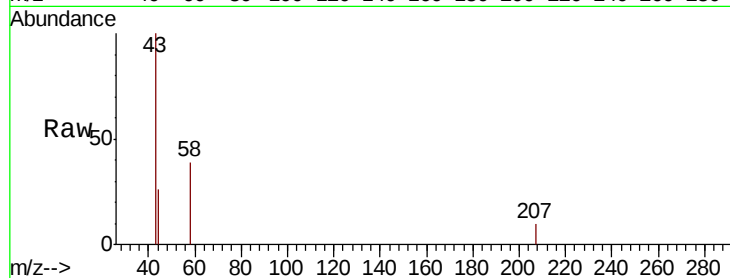
ClientSampled :

Tot Ion: 43 Resp: 1402

Ion Ratio Lower Upper

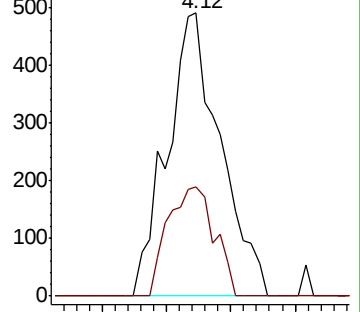
43 100

58 38.8 24.8 37.2#

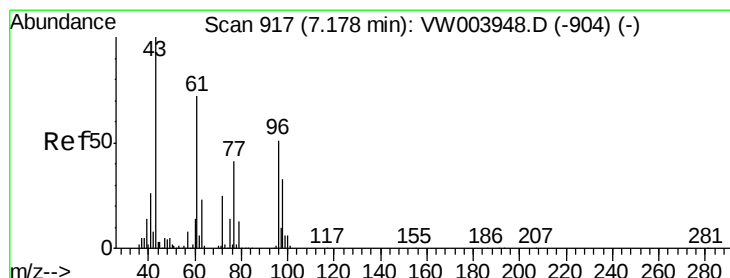
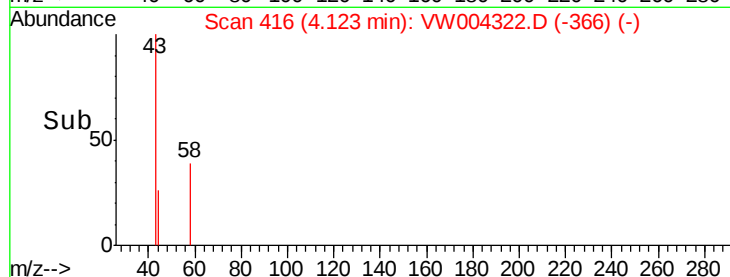


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#25

2-Butanone

Concen: 1.456 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004322.D

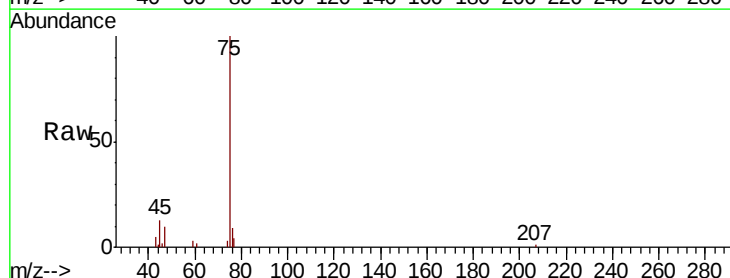
Acq: 29 Jul 2018 19:06

Tgt Ion: 43 Resp: 490

Ion Ratio Lower Upper

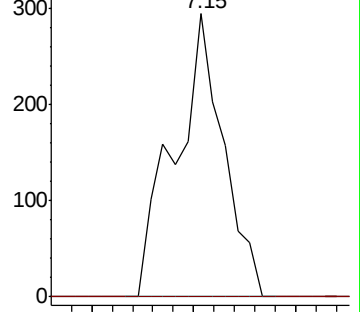
43 100

72 0.0 20.3 30.5#

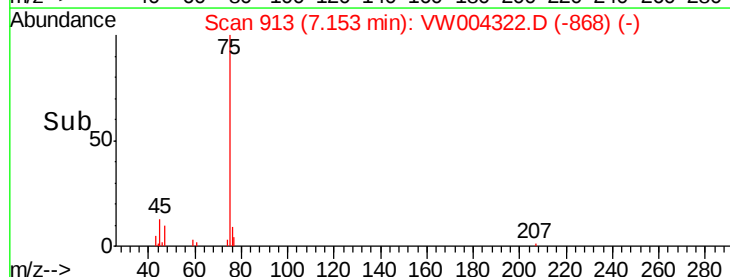


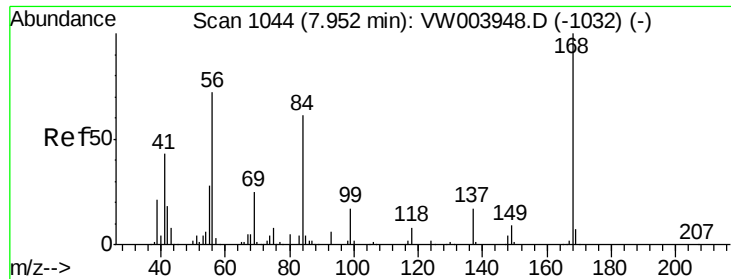
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->

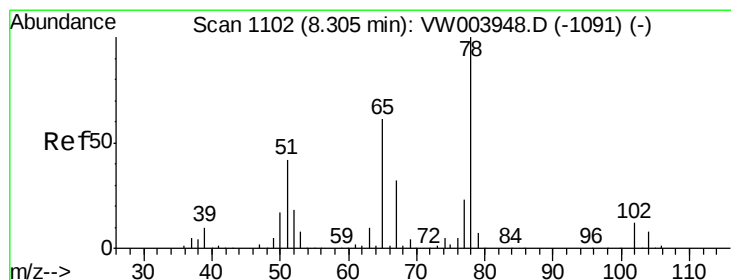
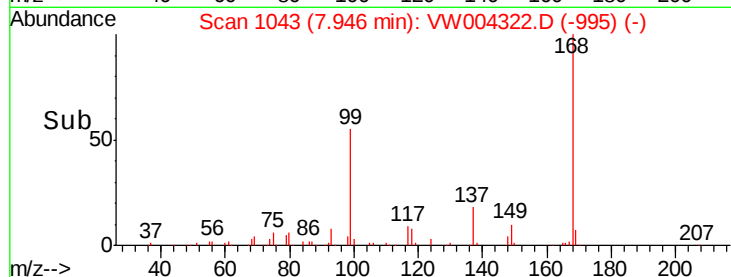
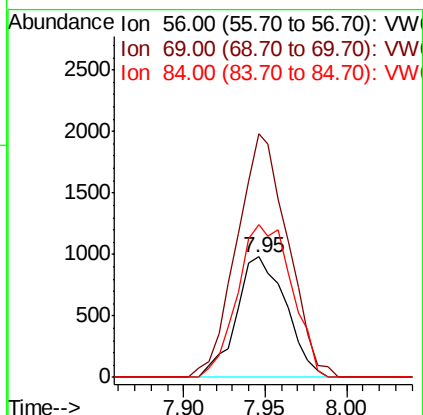
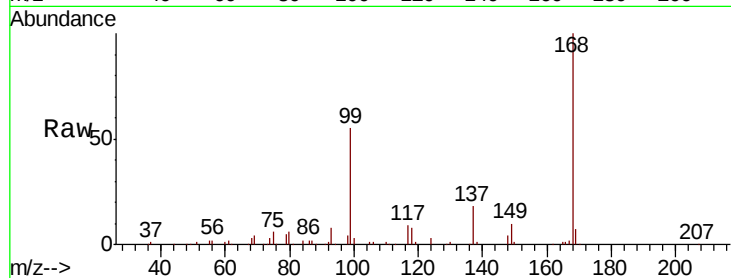




#31
Cyclohexane
Concen: 1.000 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004322.D
Acq: 29 Jul 2018 19:06

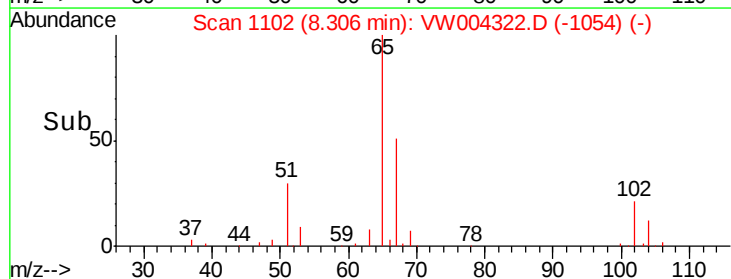
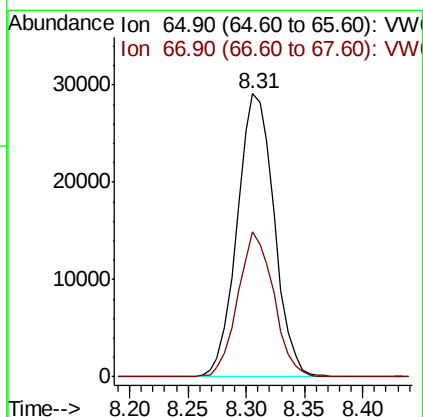
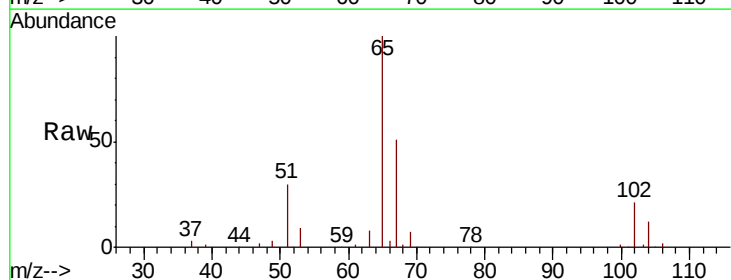
Instrument :
MSVOA_W
ClientSampled :

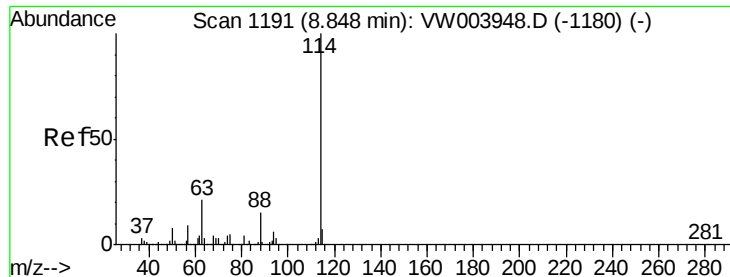
Tot Ion: 56 Resp: 2068
Ion Ratio Lower Upper
56 100
69 201.9 26.3 39.5#
84 126.2 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004322.D
Acq: 29 Jul 2018 19:06

Tgt Ion: 65 Resp: 64321
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.4

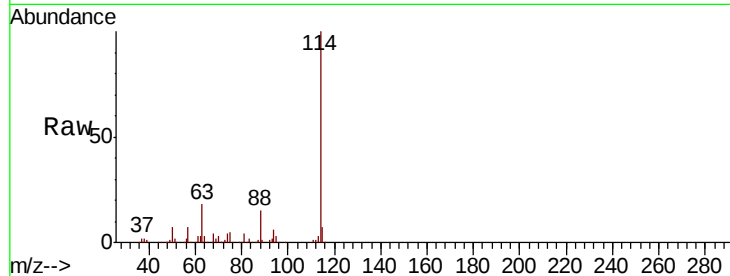




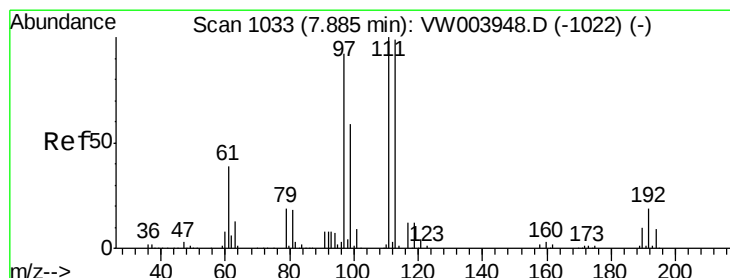
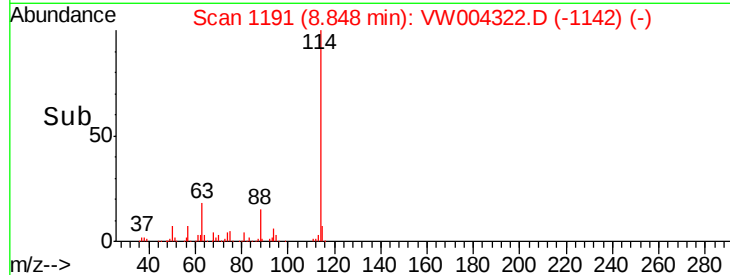
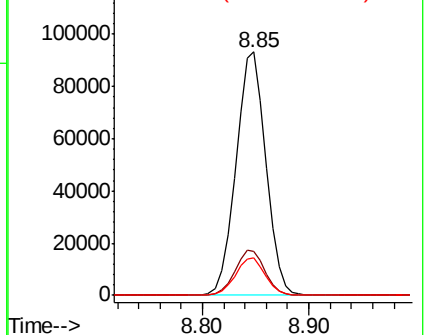
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004322.D
 Acq: 29 Jul 2018 19:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 183194
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.4
 88 15.4 0.0 30.6

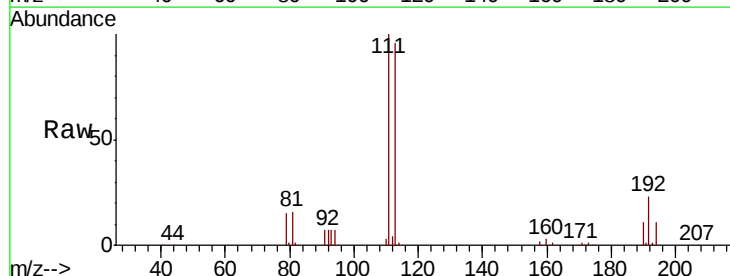


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

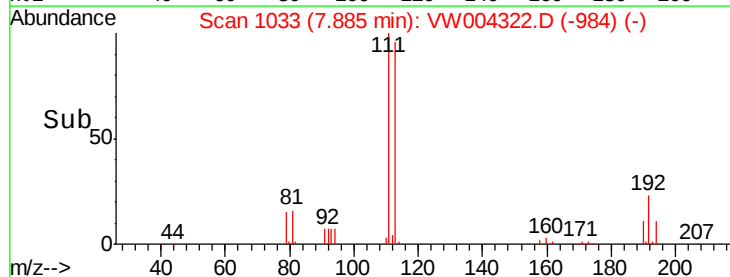
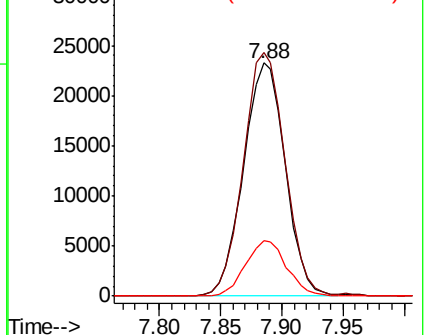


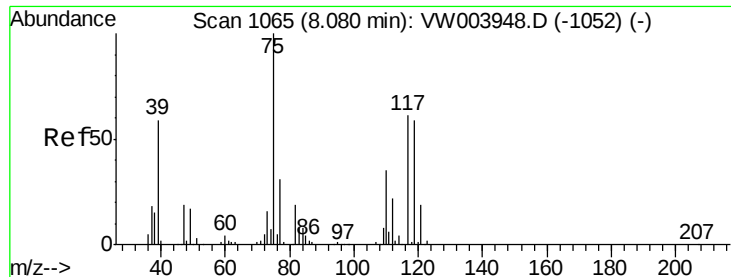
#35
 Dibromofluoromethane
 Concen: 47.723 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004322.D
 Acq: 29 Jul 2018 19:06

Tgt Ion:113 Resp: 55250
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.1 123.1
 192 23.4 16.2 24.4



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

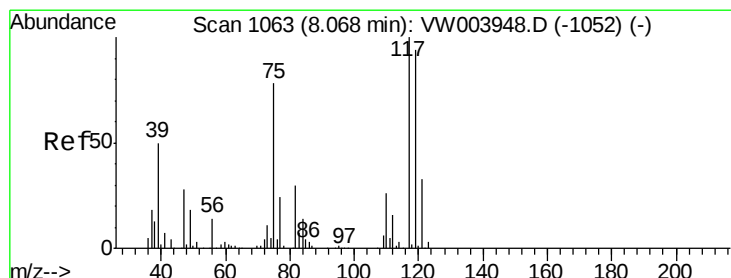
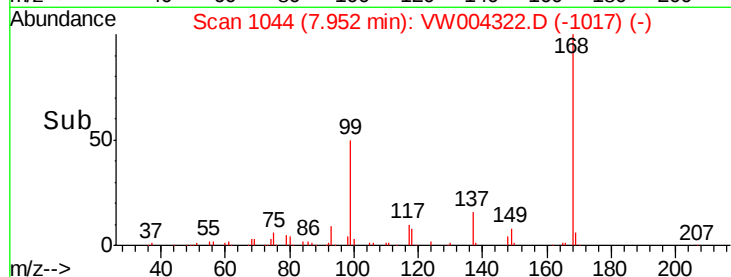
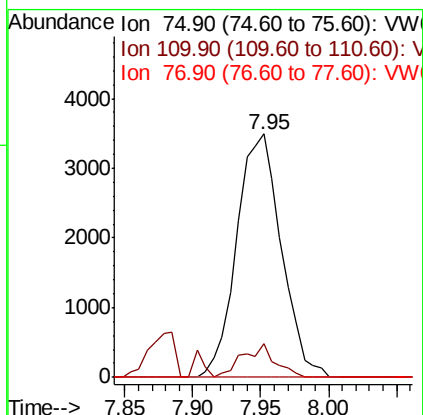
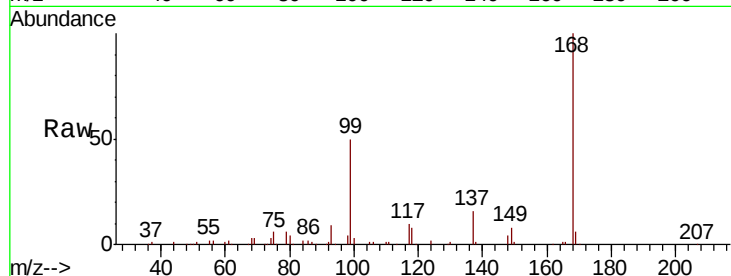




#36
 1,1-Dichloropropene
 Concen: 4.364 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004322.D
 Acq: 29 Jul 2018 19:06

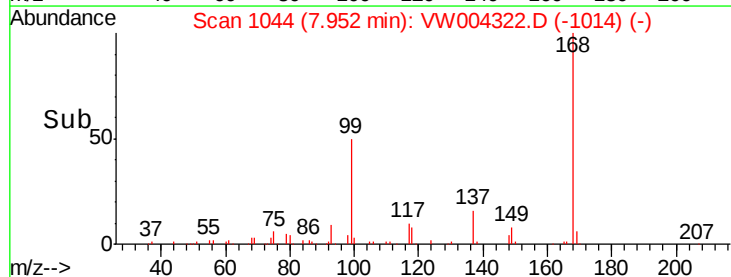
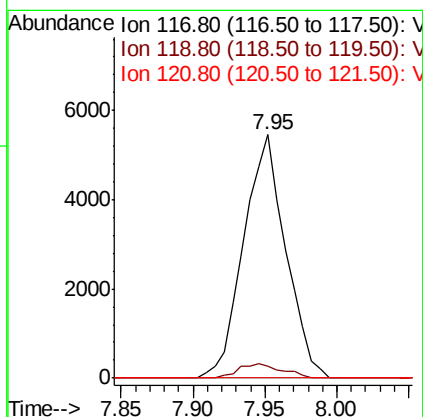
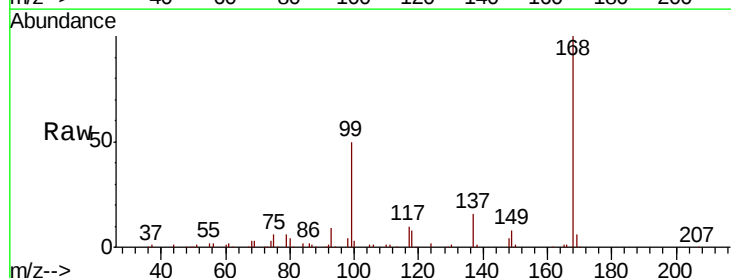
Instrument :
 MSVOA_W
 ClientSampleId :

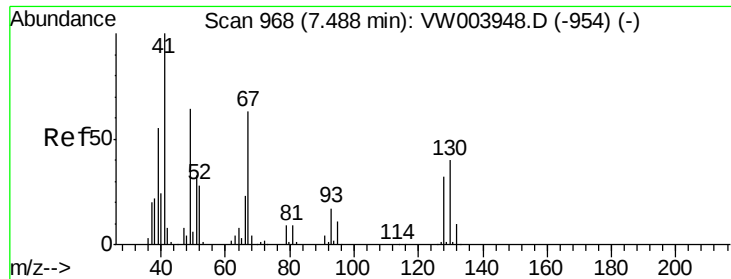
Tot Ion: 75 Resp: 7997
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.3 52.0#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.106 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004322.D
 Acq: 29 Jul 2018 19:06

Tgt Ion: 117 Resp: 11050
 Ion Ratio Lower Upper
 117 100
 119 5.0 79.7 119.5#
 121 0.0 25.7 38.5#

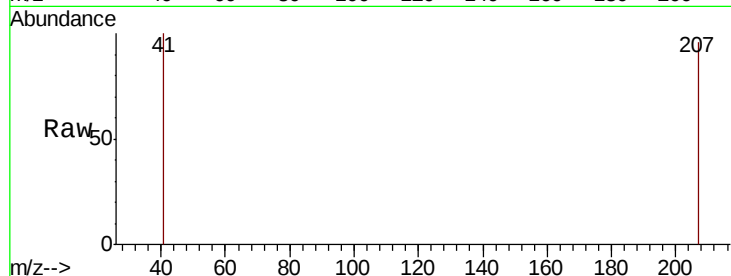




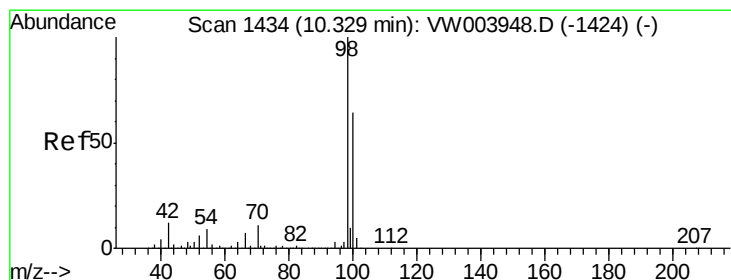
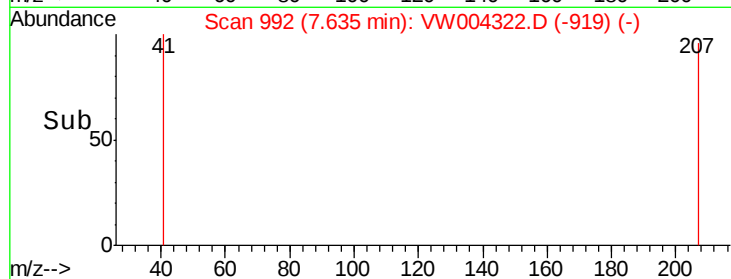
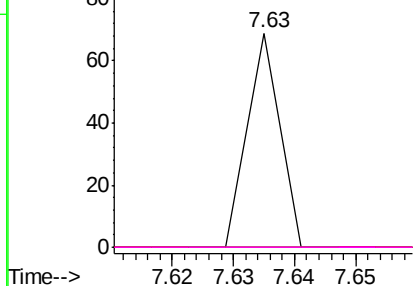
#41
Methacrylonitrile
Concen: 2.146 ug/l
RT: 7.63 min Scan# 992
Delta R.T. 0.15 min
Lab File: VW004322.D
Acq: 29 Jul 2018 19:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	25
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.2	61.8#
67	0.0	53.4	80.0#
52	0.0	22.4	33.6#

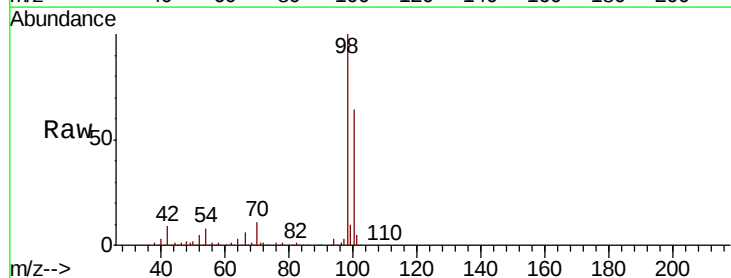


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

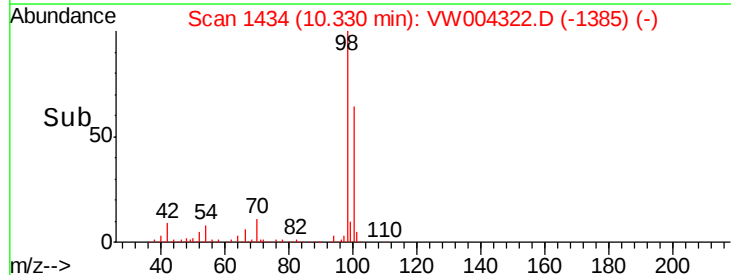
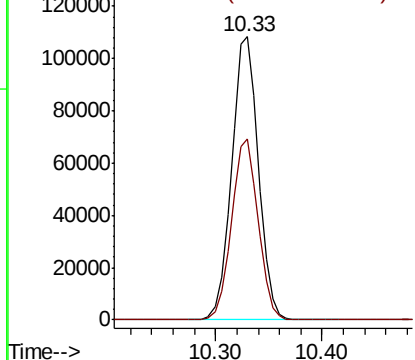


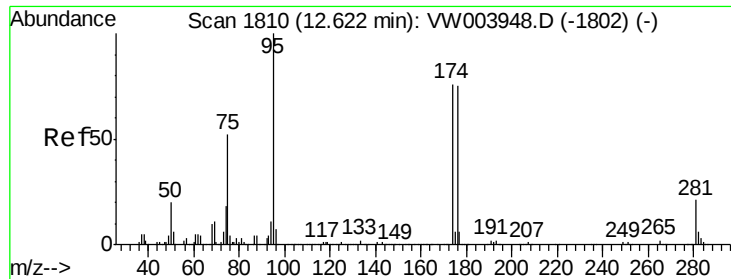
#50
Toluene-d8
Concen: 41.613 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004322.D
Acq: 29 Jul 2018 19:06

Tgt Ion:	98	Resp:	190395
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3



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

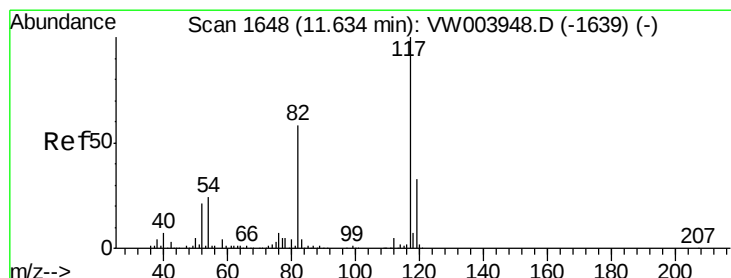
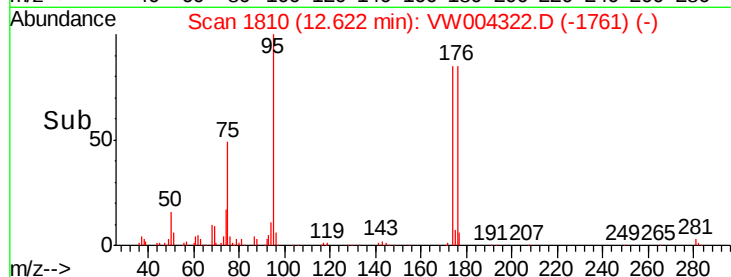
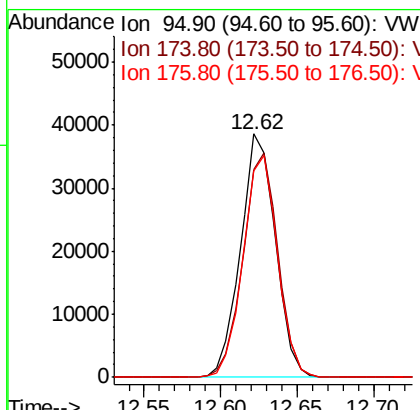
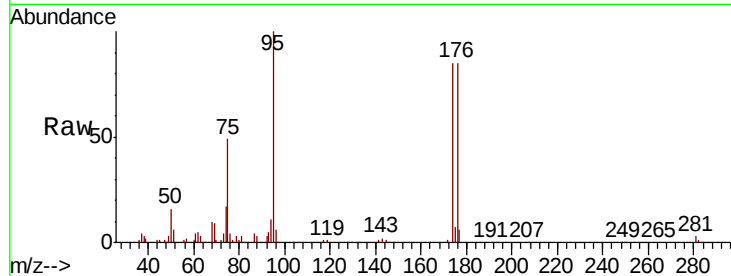




#62
4-Bromofluorobenzene
Concen: 38.022 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004322.D
Acq: 29 Jul 2018 19:06

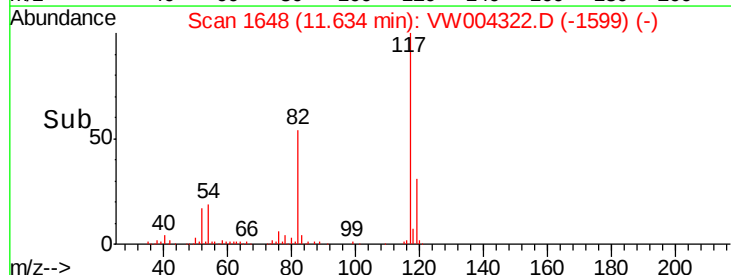
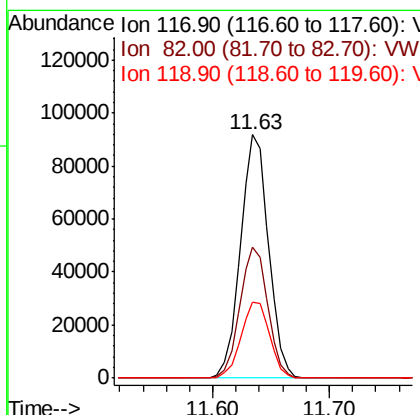
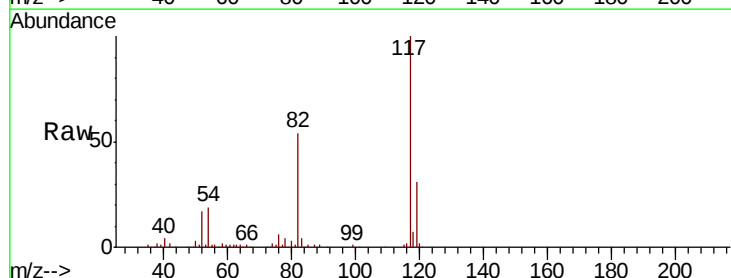
Instrument :
MSVOA_W
ClientSampled :

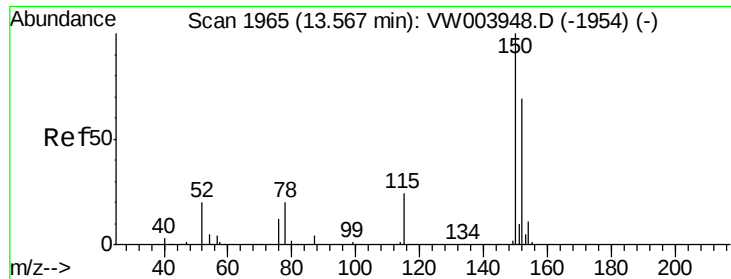
Tot Ion: 95 Resp: 61253
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.8
176 90.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004322.D
Acq: 29 Jul 2018 19:06

Tgt Ion: 117 Resp: 154087
Ion Ratio Lower Upper
117 100
82 53.7 47.9 71.9
119 31.4 27.1 40.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004322.D

Acq: 29 Jul 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

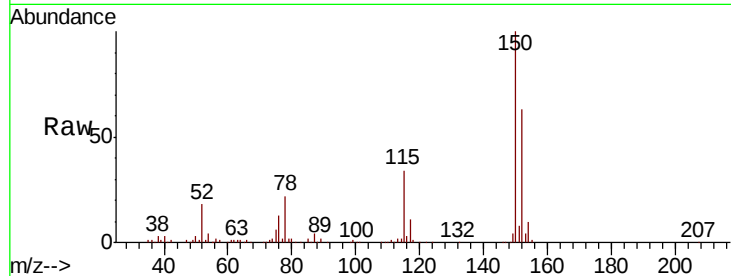
Tot Ion:152 Resp: 70523

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.4

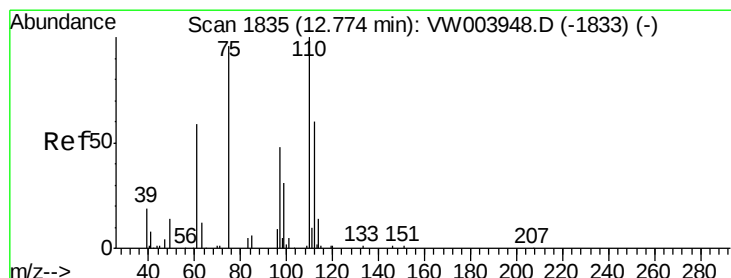
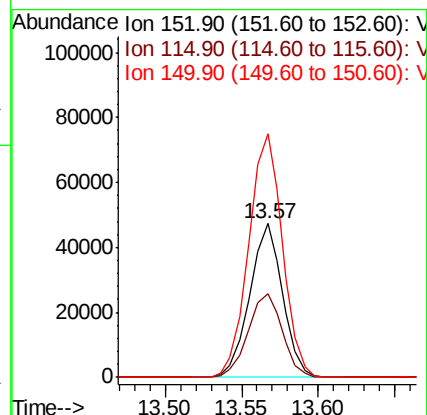
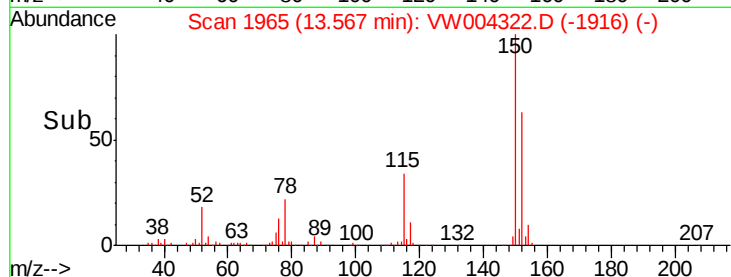
150 162.5 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 47.189 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004322.D

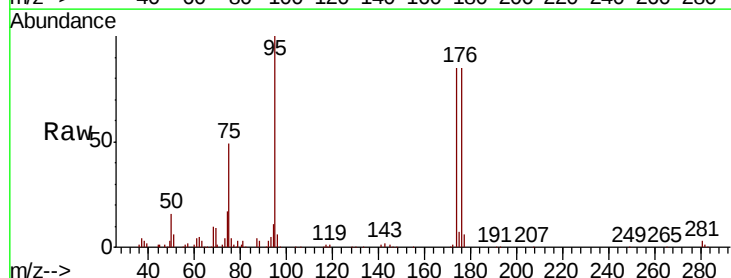
Acq: 29 Jul 2018 19:06

Tgt Ion: 75 Resp: 30372

Ion Ratio Lower Upper

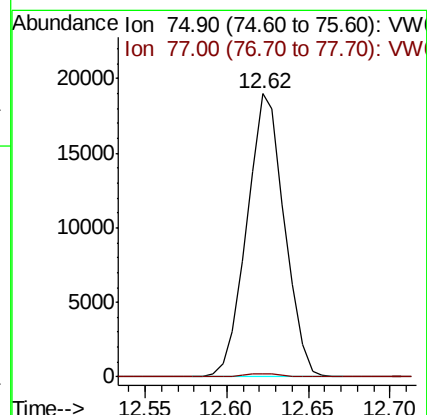
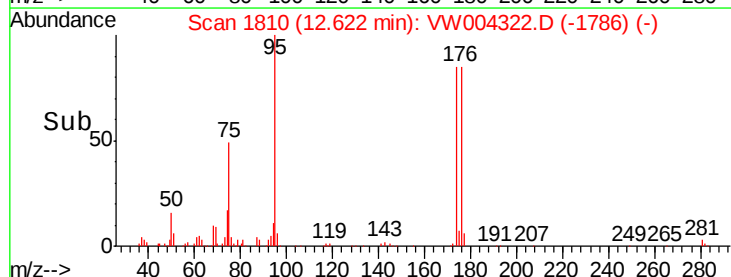
75 100

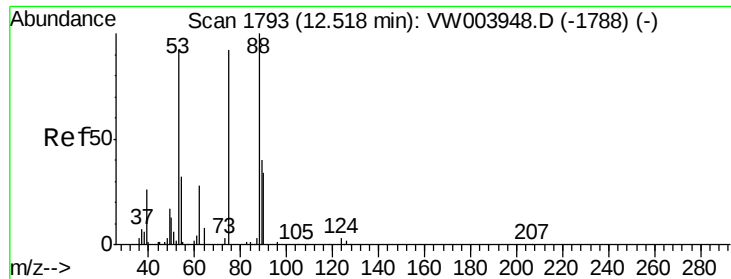
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

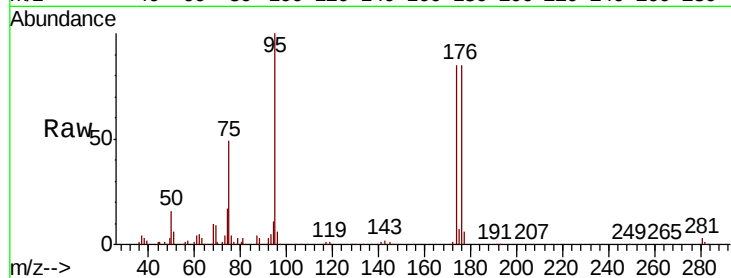




#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.802 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004322.D
 Acq: 29 Jul 2018 19:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 30372
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 36.0 54.0#



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

