

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004318.D
 Acq On : 29 Jul 2018 17:22
 Operator : SY/AP
 Sample : J4095-01RE
 Misc : 11.32G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:33:38 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	148631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	233285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	100011	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	84315	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	
35) Dibromofluoromethane	7.88	113	73494	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.33	98	264482	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.62	95	90717	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	

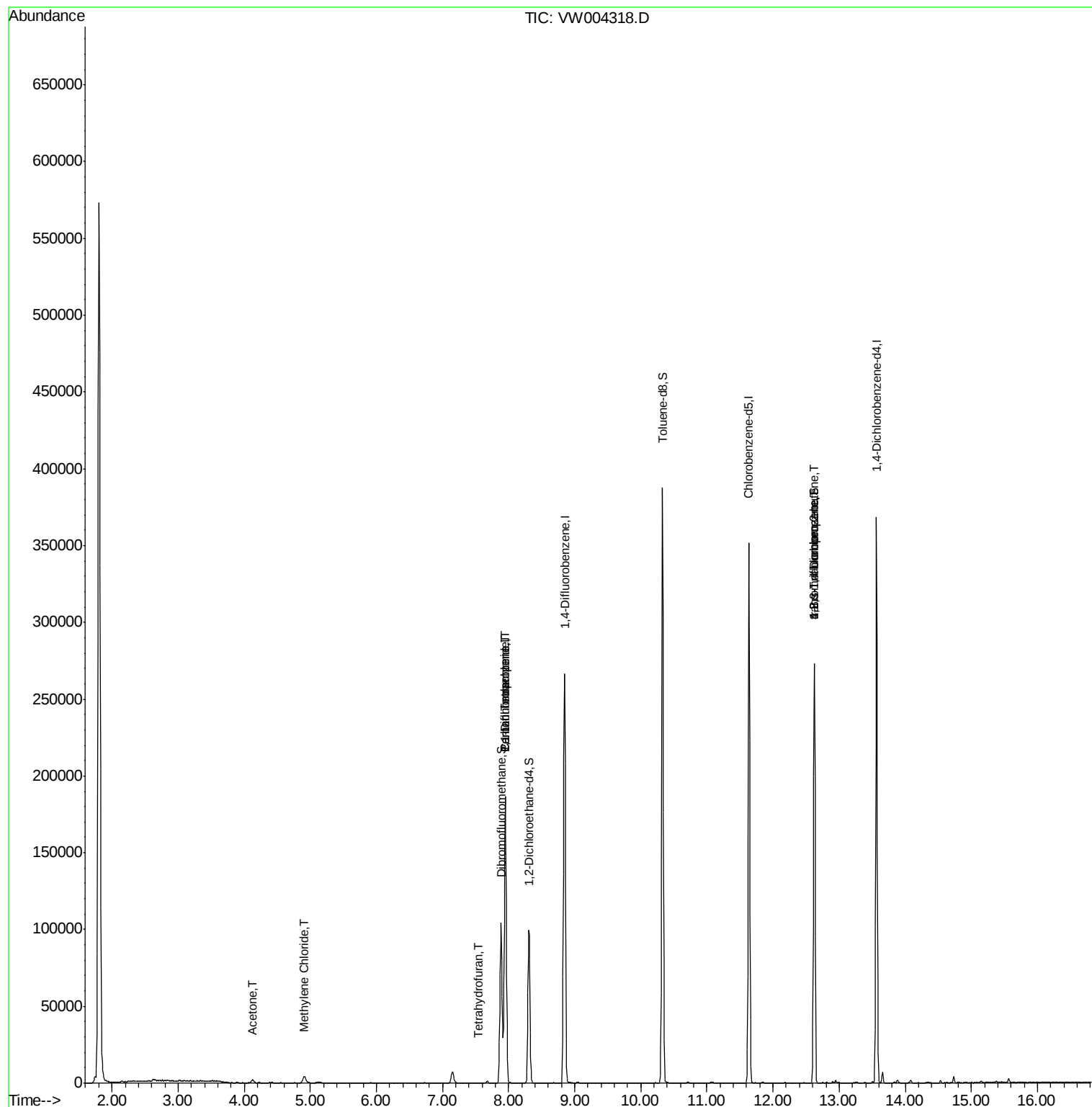
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	82	Below Cal	#	44
5) Bromomethane	2.85	94	19	Below Cal	#	8
6) Chloroethane	2.79	64	24	Below Cal	#	45
11) Tert butyl alcohol	5.14	59	63	Below Cal	#	72
16) Acetone	4.13	43	3802	22.944	ug/l	98
20) Methylene Chloride	4.90	84	4115	1.363	ug/l #	81
29) Tetrahydrofuran	7.55	42	68	2.894	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	10177	4.361	ug/l #	51
38) Carbon Tetrachloride	7.95	117	13624	5.912	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	44525	48.781	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44525	113.507	ug/l #	11

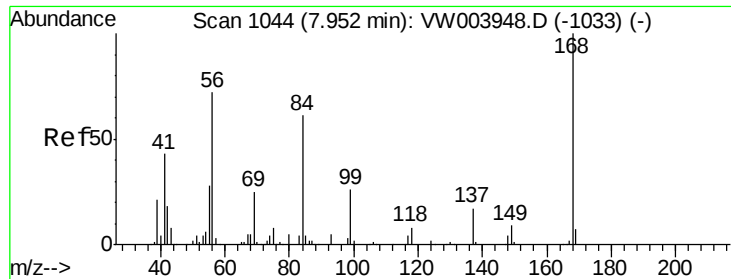
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004318.D
Acq On : 29 Jul 2018 17:22
Operator : SY/AP
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 30 04:33:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

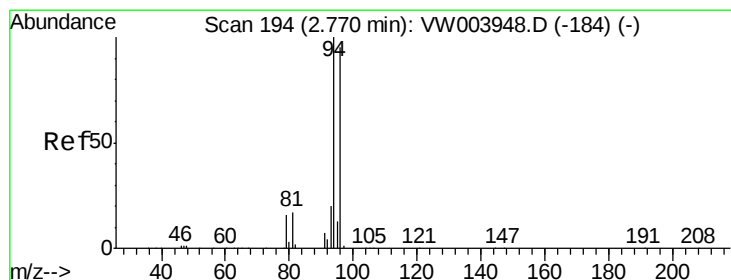
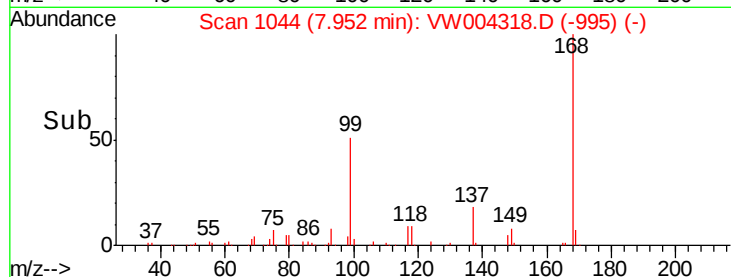
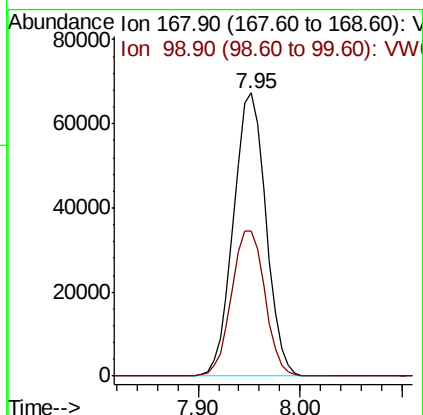
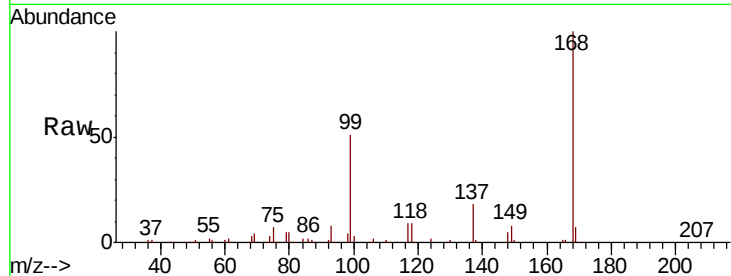




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004318.D
Acq: 29 Jul 2018 17:22

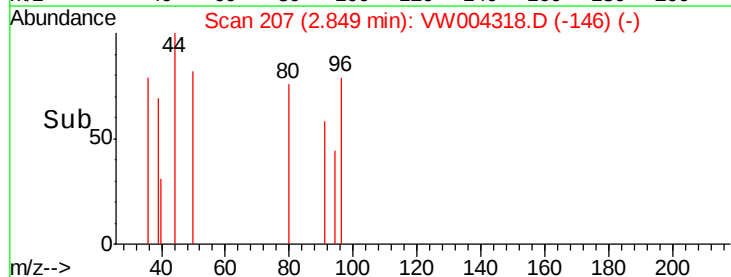
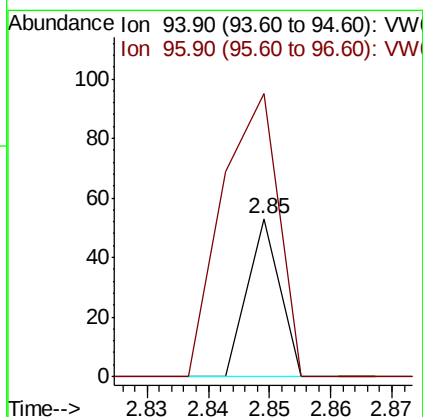
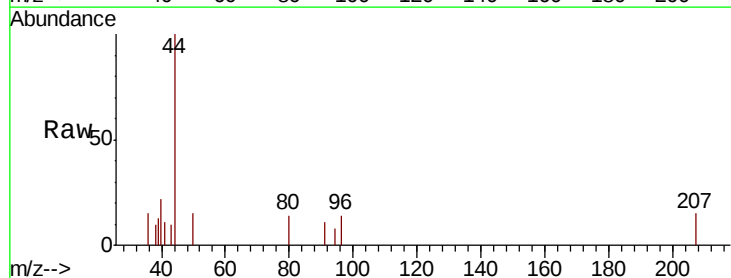
Instrument :
MSVOA_W
ClientSampled :

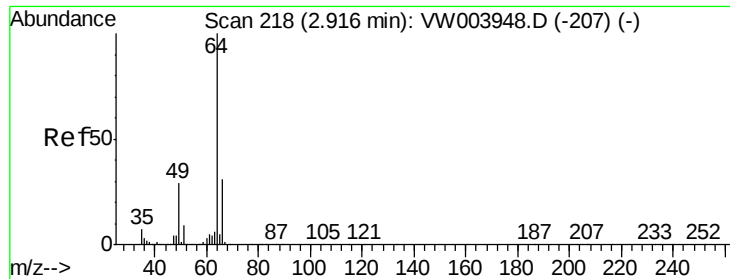
Tot Ion:168 Resp: 148631
Ion Ratio Lower Upper
168 100
99 51.4 45.0 67.4



#5
Bromomethane
Concen: Below Cal
RT: 2.85 min Scan# 207
Delta R.T. 0.07 min
Lab File: VW004318.D
Acq: 29 Jul 2018 17:22

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 179.2 73.3 109.9#





#6

Chloroethane

Concen: Below Cal

RT: 2.79 min Scan# 197

Delta R.T. -0.13 min

Lab File: VW004318.D

Acq: 29 Jul 2018 17:22

Instrument :

MSVOA_W

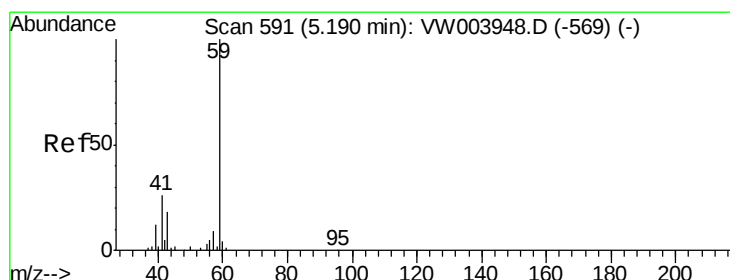
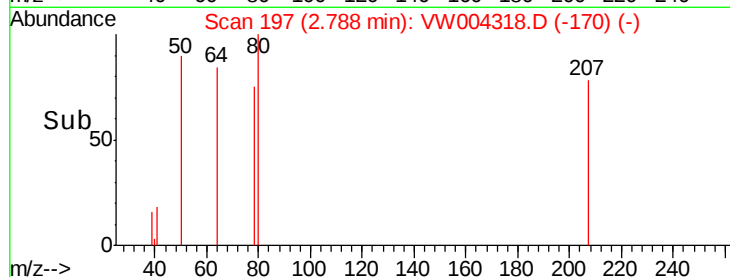
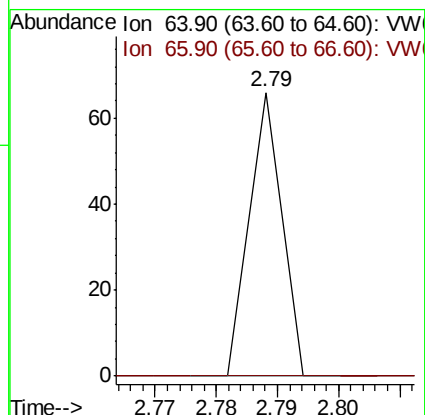
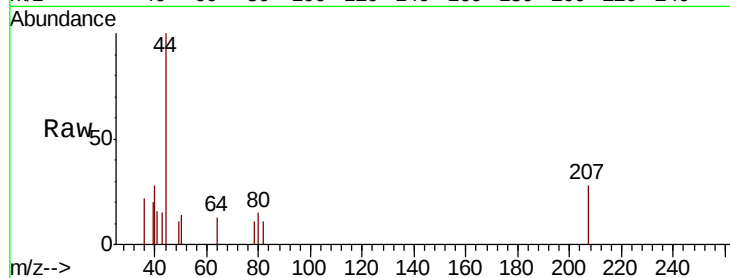
ClientSampleId :

Tot Ion: 64 Resp: 24

Ion Ratio Lower Upper

64 100

66 0.0 23.7 35.5#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 583

Delta R.T. -0.03 min

Lab File: VW004318.D

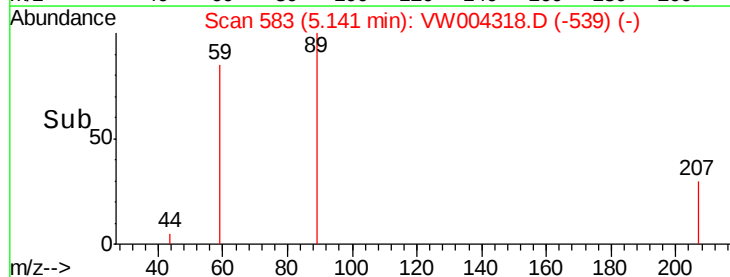
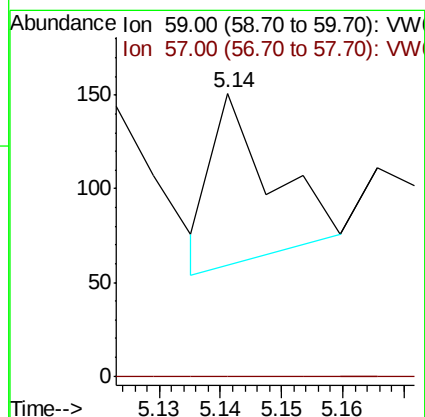
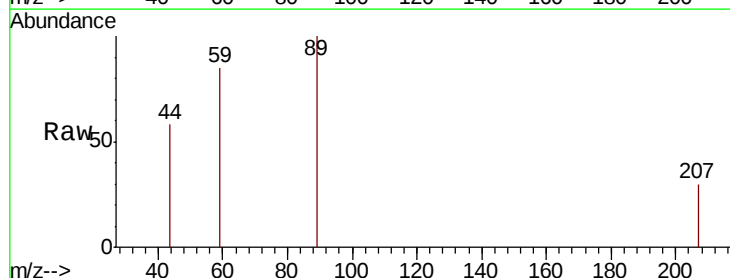
Acq: 29 Jul 2018 17:22

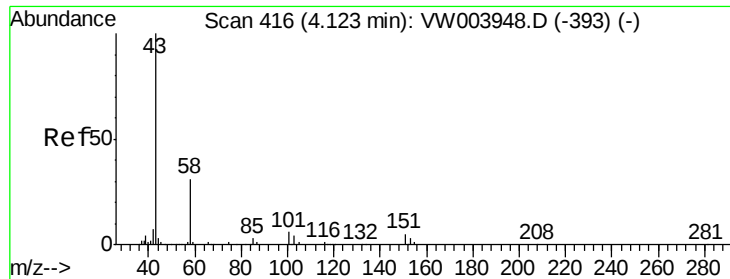
Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#16

Acetone

Concen: 22.944 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004318.D

Acq: 29 Jul 2018 17:22

Instrument :

MSVOA_W

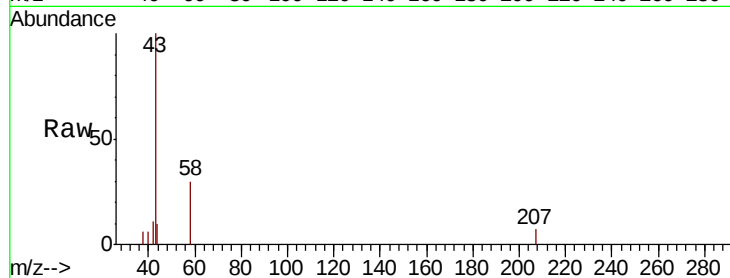
ClientSampled :

Tot Ion: 43 Resp: 3802

Ion Ratio Lower Upper

43 100

58 29.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

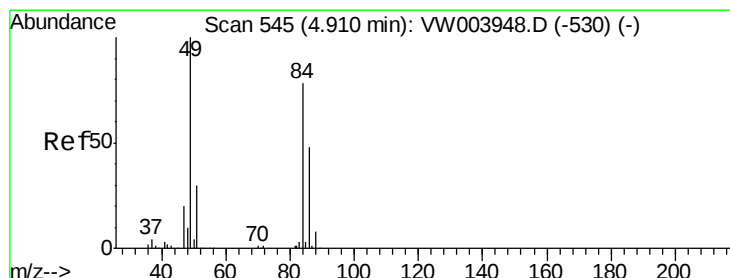
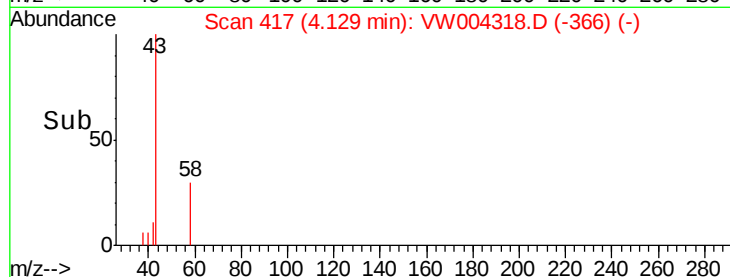
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: 1.363 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004318.D

Acq: 29 Jul 2018 17:22

Tgt Ion: 84 Resp: 4115

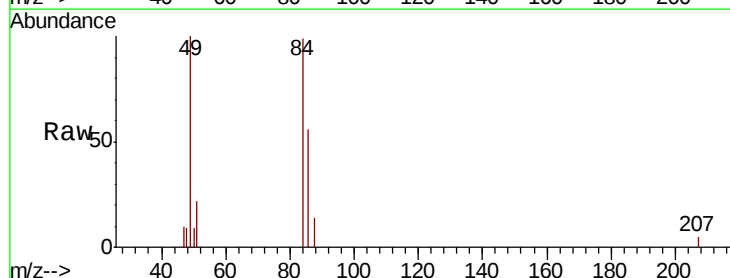
Ion Ratio Lower Upper

84 100

49 101.5 100.5 150.7

51 21.9 30.9 46.3#

86 56.5 50.2 75.4



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

1500

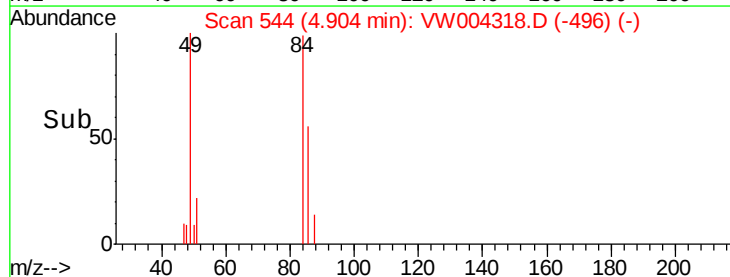
1000

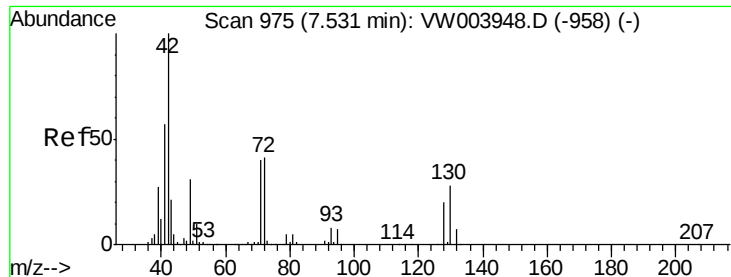
500

0

Time-->

4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 2.894 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.02 min

Lab File: VW004318.D

Acq: 29 Jul 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

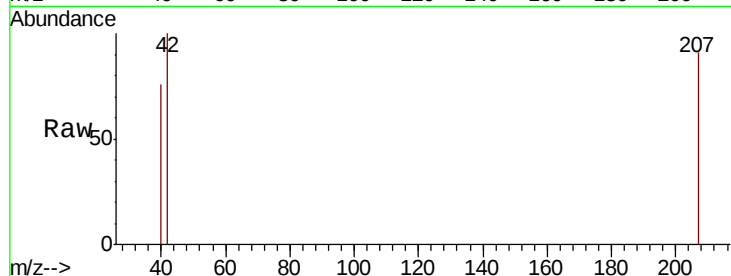
Tot Ion: 42 Resp: 68

Ion Ratio Lower Upper

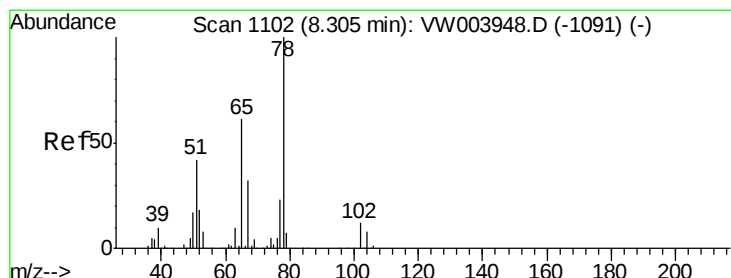
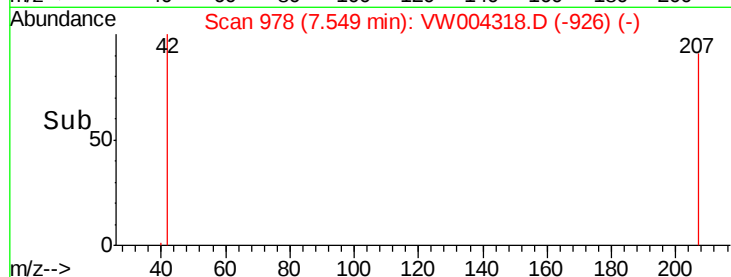
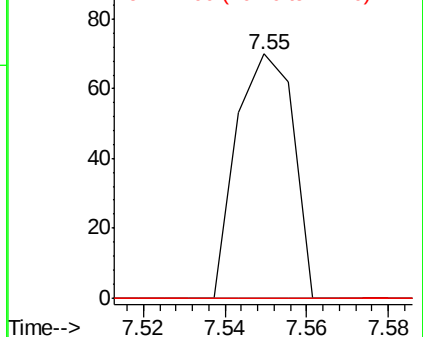
42 100

72 0.0 32.6 48.8#

71 0.0 31.3 46.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.237 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004318.D

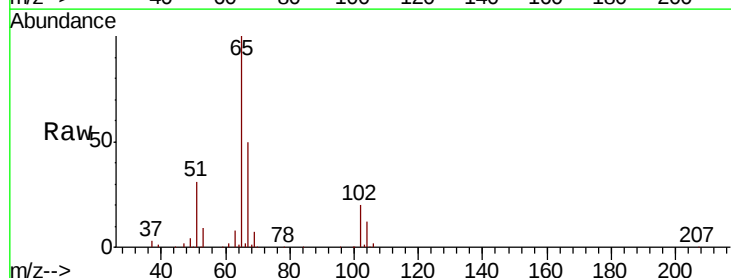
Acq: 29 Jul 2018 17:22

Tgt Ion: 65 Resp: 84315

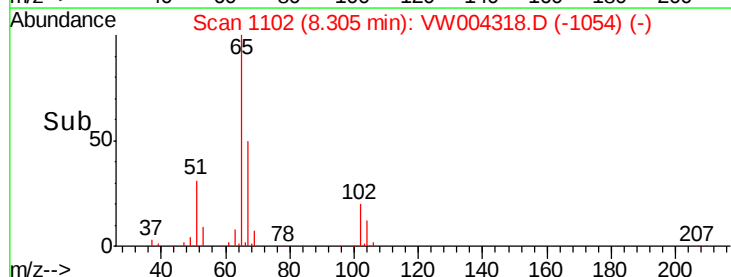
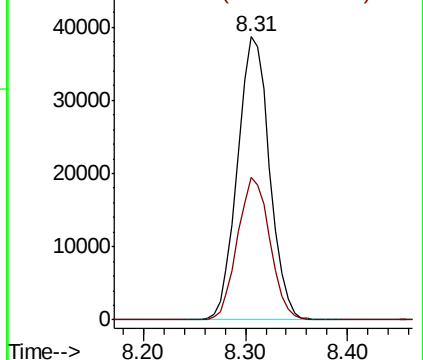
Ion Ratio Lower Upper

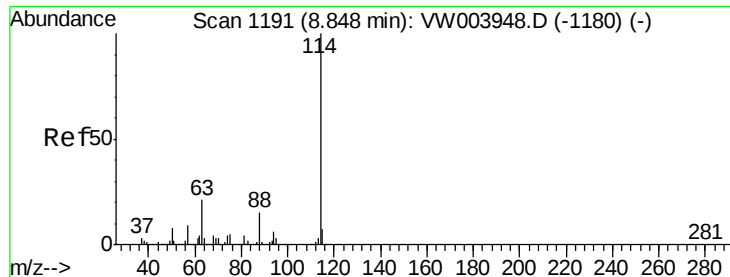
65 100

67 50.9 0.0 106.4



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

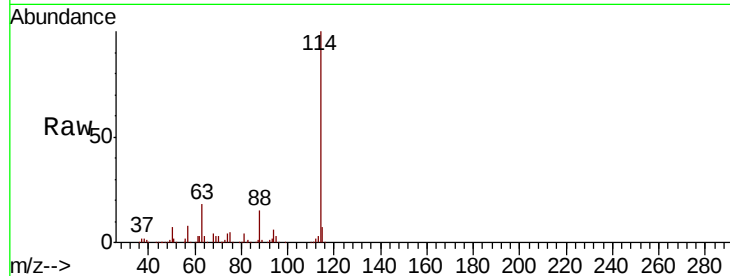




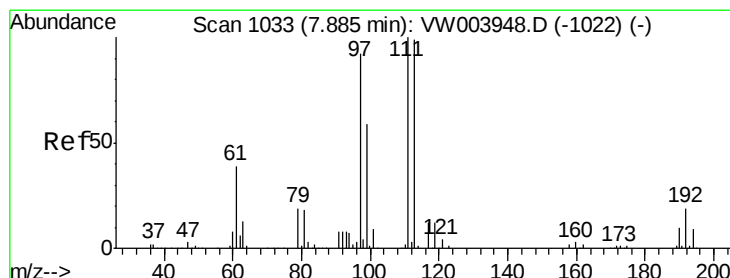
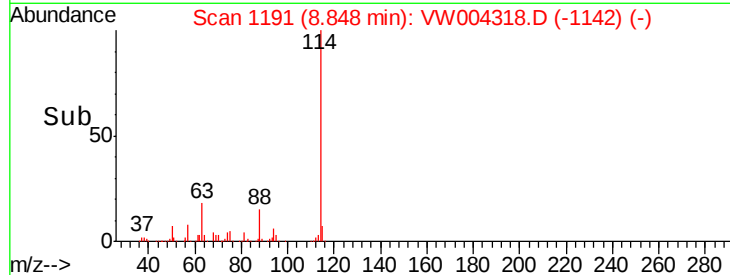
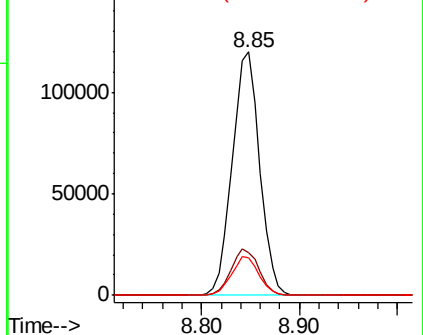
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004318.D
 Acq: 29 Jul 2018 17:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	41.4
88	15.4	0.0	30.6

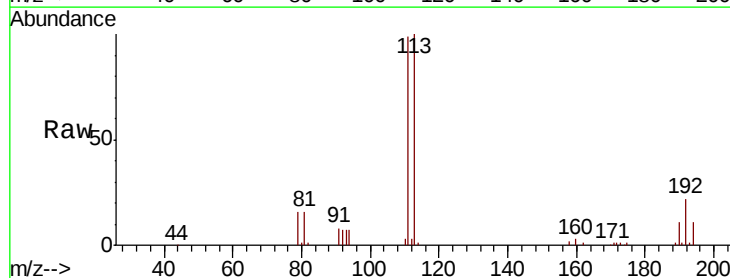


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

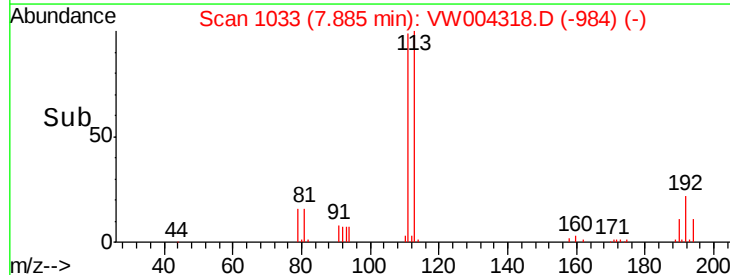
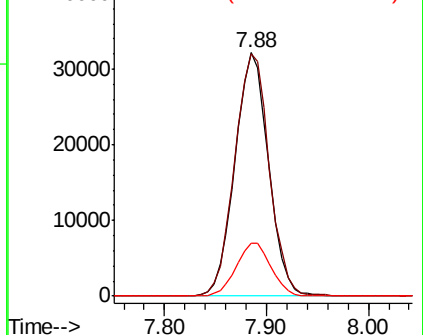


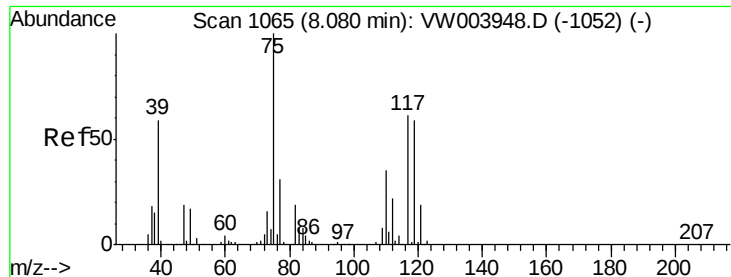
#35
 Dibromofluoromethane
 Concen: 49.851 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004318.D
 Acq: 29 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	22.5	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

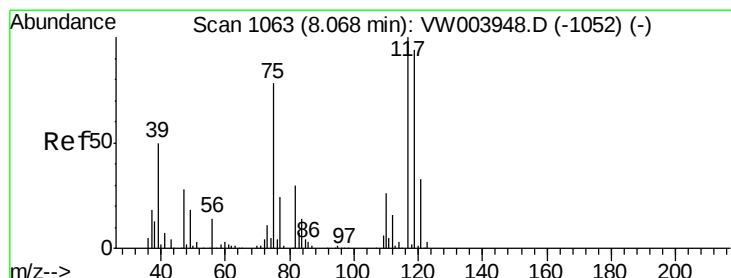
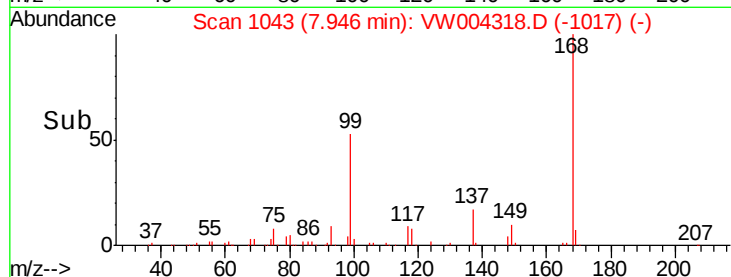
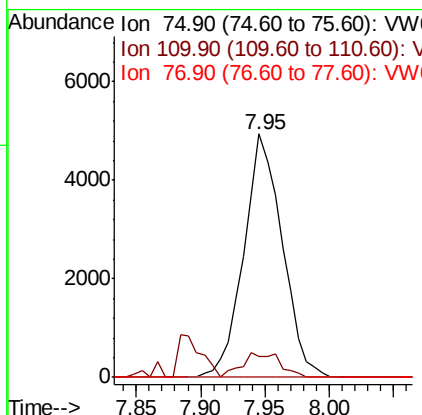
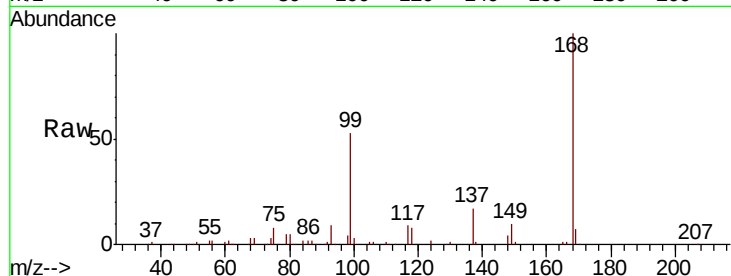




#36
 1,1-Dichloropropene
 Concen: 4.361 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW004318.D
 Acq: 29 Jul 2018 17:22

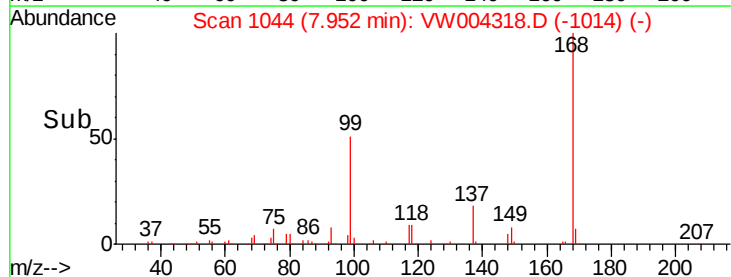
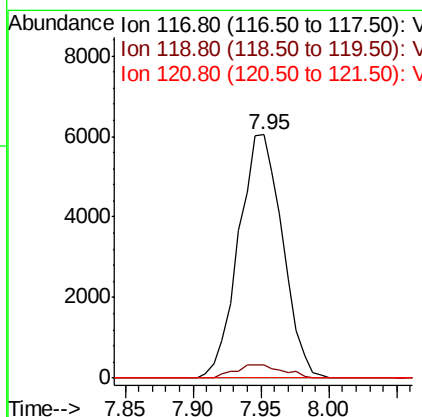
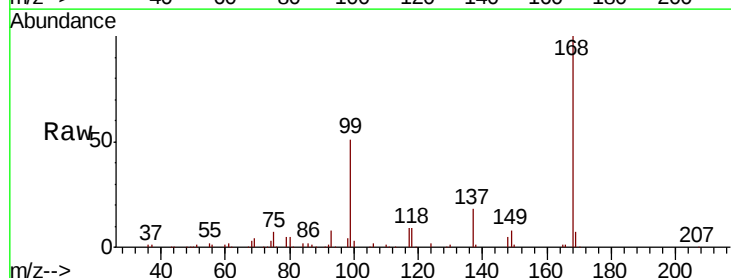
Instrument :
 MSVOA_W
 ClientSampleId :

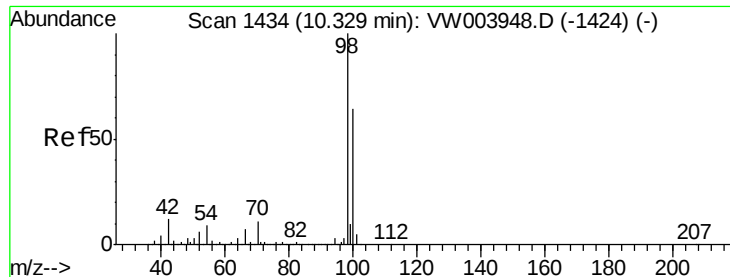
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.3	52.0#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.912 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004318.D
 Acq: 29 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.7	119.5#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 45.393 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004318.D

Acq: 29 Jul 2018 17:22

Instrument :

MSVOA_W

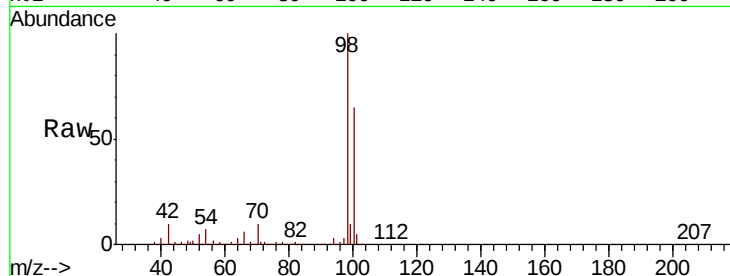
ClientSampleId :

Tot Ion: 98 Resp: 264482

Ion Ratio Lower Upper

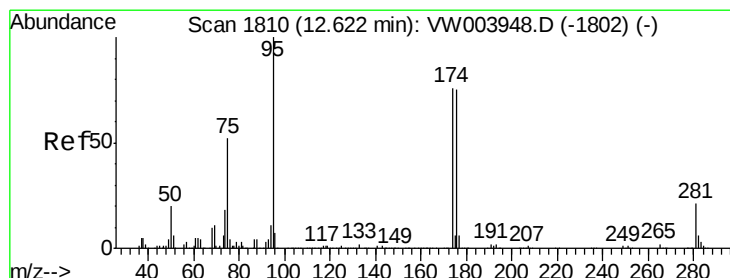
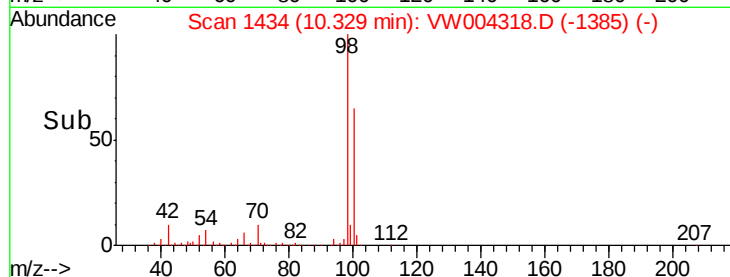
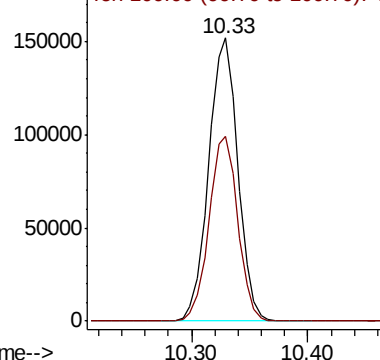
98 100

100 64.2 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: 44.220 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004318.D

Acq: 29 Jul 2018 17:22

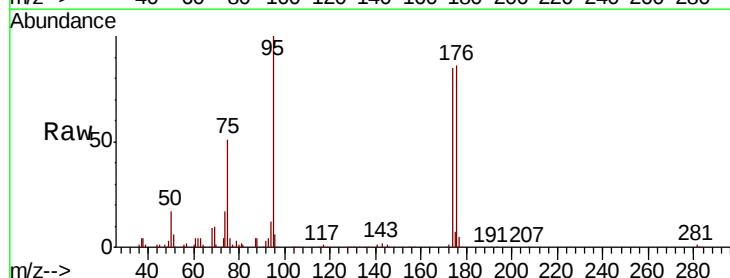
Tgt Ion: 95 Resp: 90717

Ion Ratio Lower Upper

95 100

174 90.7 0.0 167.8

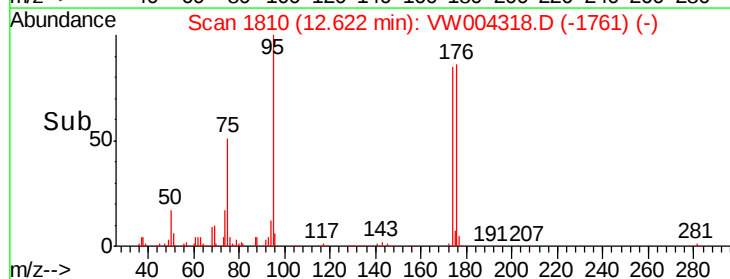
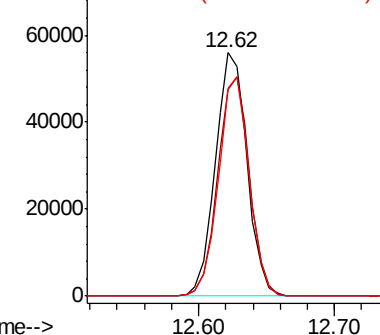
176 87.9 0.0 162.4

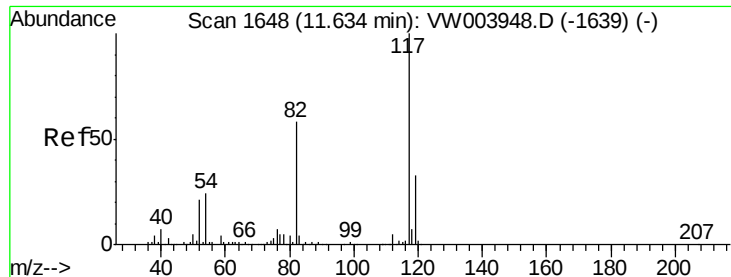


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

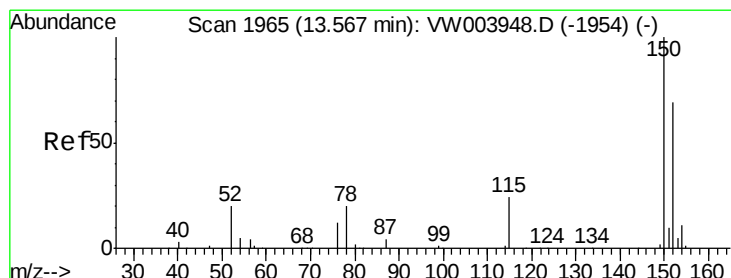
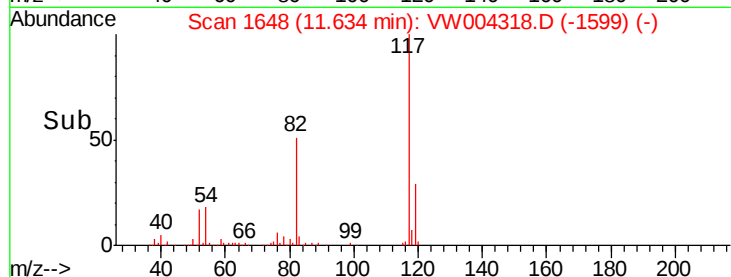
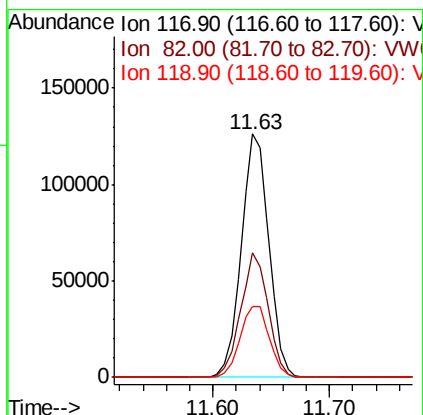
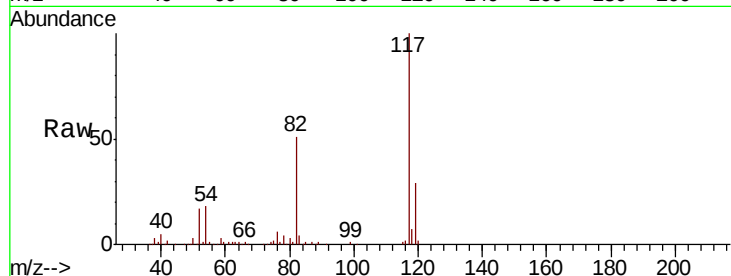




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004318.D
Acq: 29 Jul 2018 17:22

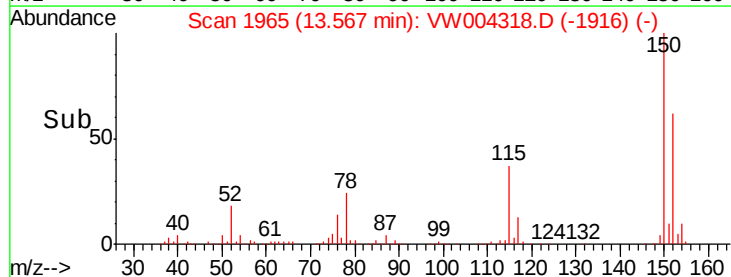
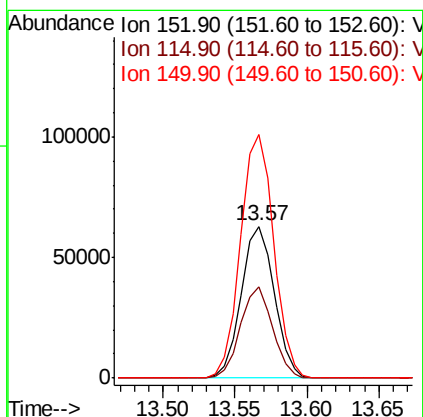
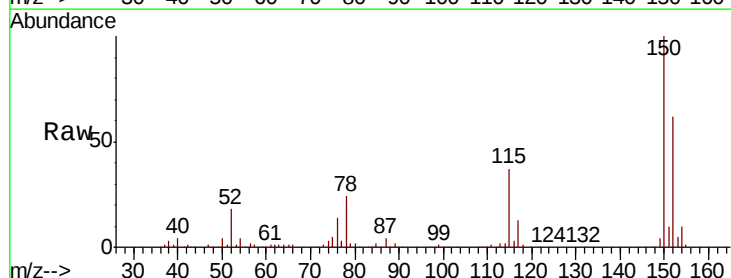
Instrument :
MSVOA_W
ClientSampleId :

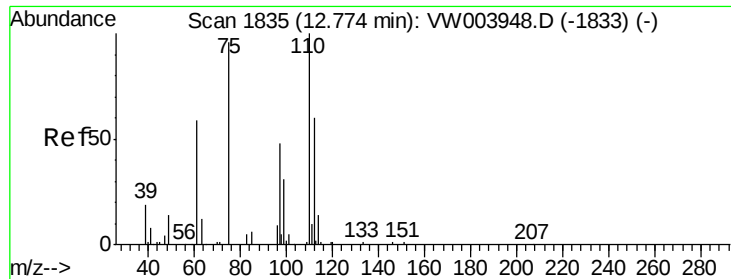
Tot Ion:117 Resp: 208211
Ion Ratio Lower Upper
117 100
82 51.0 47.9 71.9
119 29.2 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004318.D
Acq: 29 Jul 2018 17:22

Tgt Ion:152 Resp: 100011
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.4
150 161.2 0.0 346.4

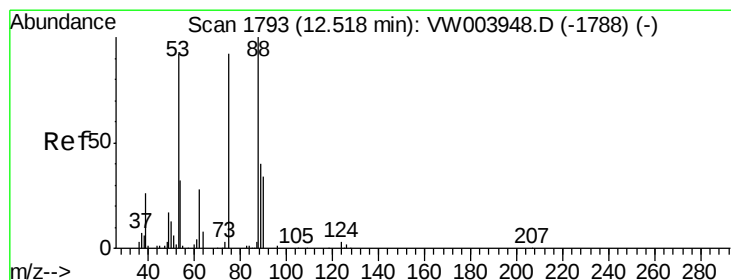
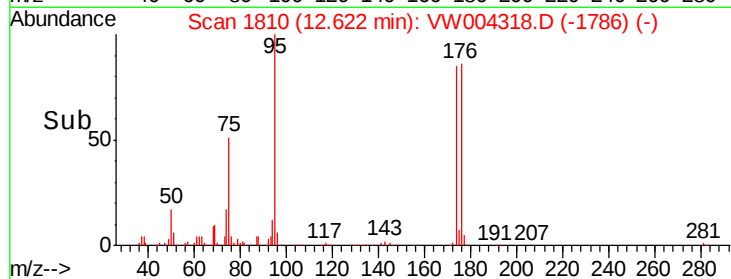
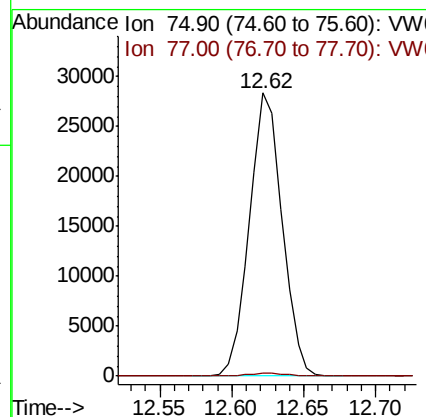
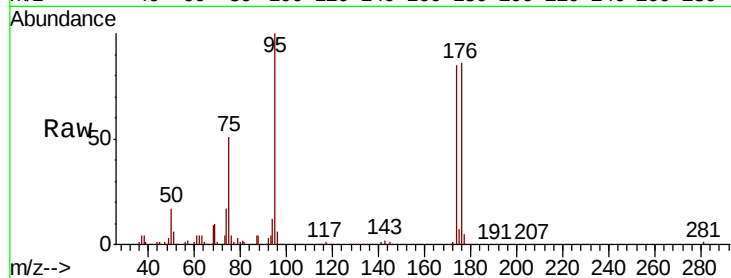




#76
 1,2,3-Trichloropropane
 Concen: 48.781 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004318.D
 Acq: 29 Jul 2018 17:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 44525
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.507 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004318.D
 Acq: 29 Jul 2018 17:22

Tgt Ion: 75 Resp: 44525
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 36.0 54.0#

