

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004781.D
 Acq On : 18 Aug 2018 14:14
 Operator : SY/AP
 Sample : J4439-13
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 IDW-SO3-SRI3

Quant Time: Aug 20 12:03:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	999795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	885954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	411805	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	328433	60.08	ug/l	0.00
Spiked Amount			Recovery	=	120.16%	
35) Dibromofluoromethane	7.89	113	311908	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	10.33	98	1042378	41.79	ug/l	0.00
Spiked Amount			Recovery	=	83.58%	
62) 4-Bromofluorobenzene	12.62	95	354525	39.51	ug/l	0.00
Spiked Amount			Recovery	=	79.02%	

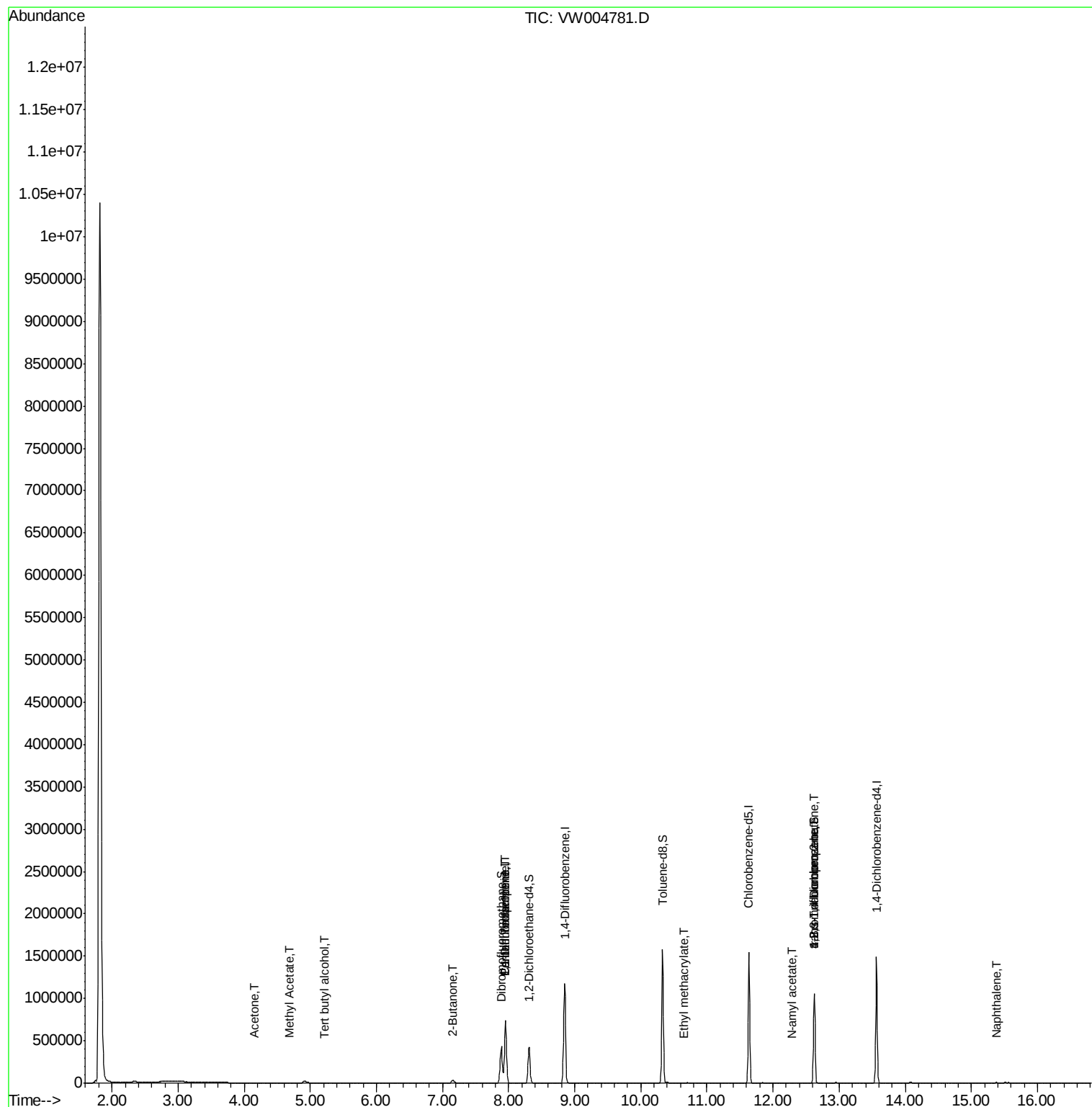
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	652	2.13	ug/l #	72
16) Acetone	4.15	43	7048	5.05	ug/l	99
18) Methyl Acetate	4.68	43	7141	2.39	ug/l	98
20) Methylene Chloride	4.92	84	19342	Below Cal	#	85
25) 2-Butanone	7.16	43	2275	1.14	ug/l #	81
36) 1,1-Dichloropropene	7.95	75	41334	4.01	ug/l #	49
38) Carbon Tetrachloride	7.95	117	53131	5.60	ug/l #	16
56) Ethyl methacrylate	10.64	69	20	2.98	ug/l #	1
74) N-amyl acetate	12.27	43	83	4.03	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	168248	46.35	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	168248	107.72	ug/l #	14
95) Naphthalene	15.38	128	3828	3.72	ug/l	98

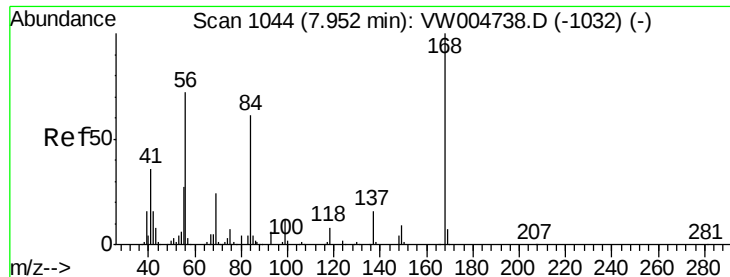
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
Data File : VW004781.D
Acq On : 18 Aug 2018 14:14
Operator : SY/AP
Sample : J4439-13
Misc : 6.31G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
IDW-SO3-SRI3

Quant Time: Aug 20 12:03:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004781.D

Acq: 18 Aug 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

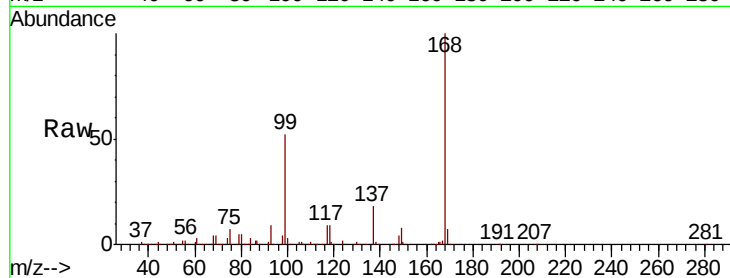
IDW-SO3-SRI3

Tot Ion:168 Resp: 565460

Ion Ratio Lower Upper

168 100

99 52.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

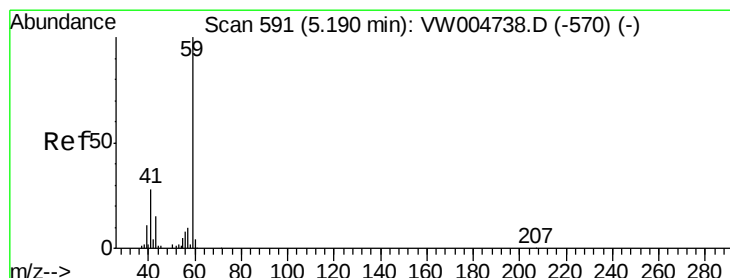
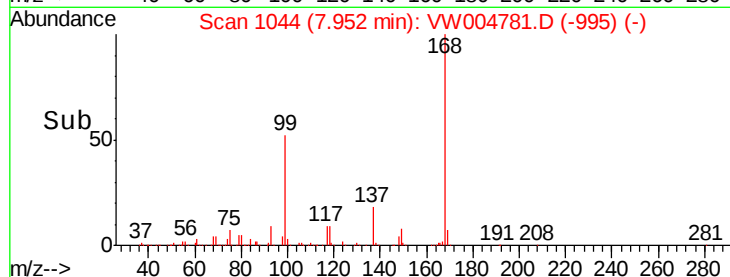
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.13 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW004781.D

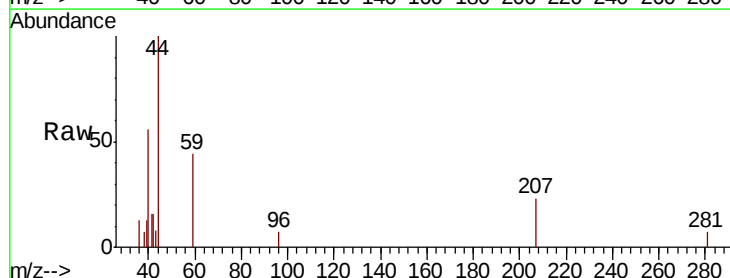
Acq: 18 Aug 2018 14:14

Tgt Ion: 59 Resp: 652

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

5.20

400

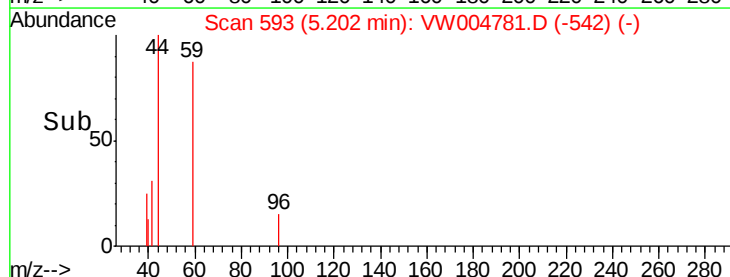
300

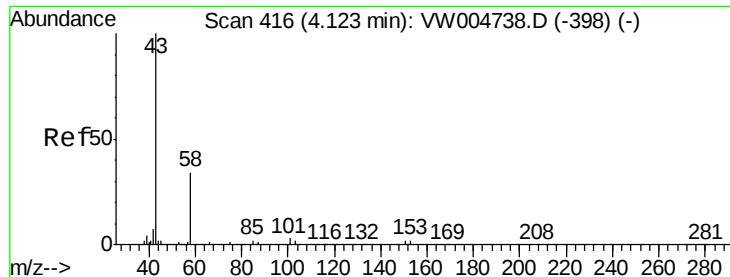
200

100

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 5.05 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.03 min

Lab File: VW004781.D

Acq: 18 Aug 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

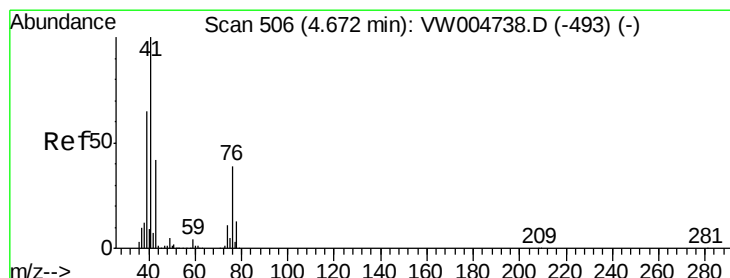
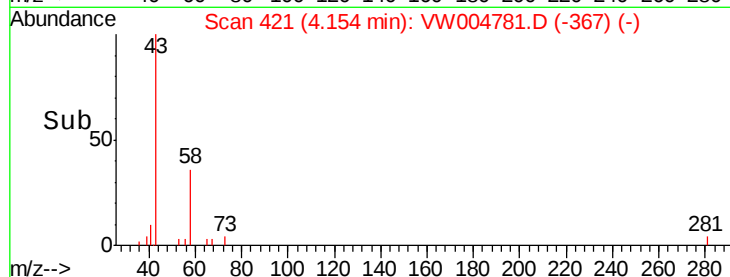
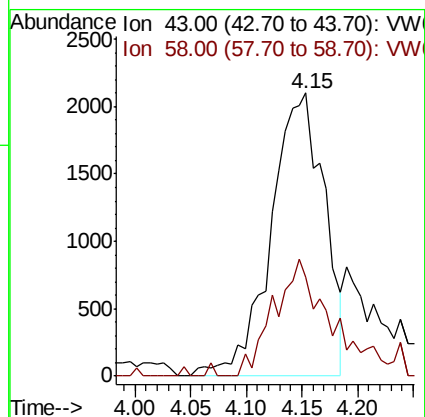
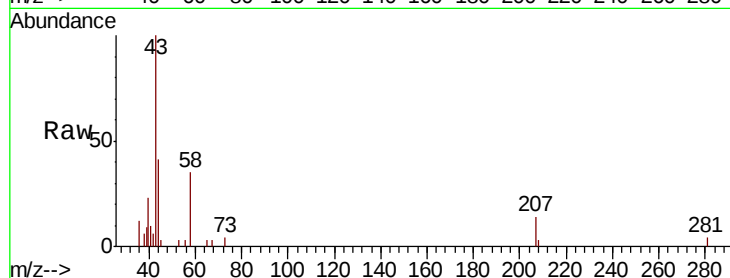
IDW-SO3-SRI3

Tot Ion: 43 Resp: 7048

Ion Ratio Lower Upper

43 100

58 34.9 27.3 40.9



#18

Methyl Acetate

Concen: 2.39 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.01 min

Lab File: VW004781.D

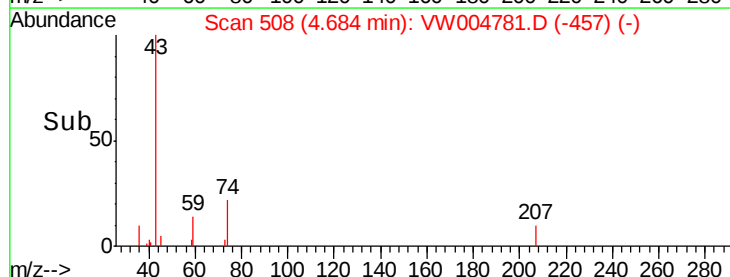
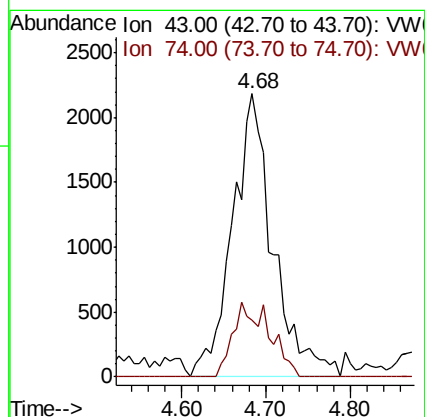
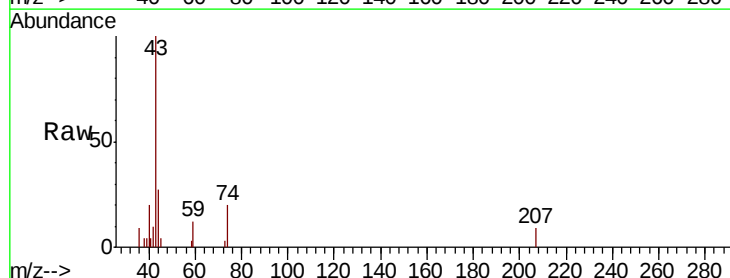
Acq: 18 Aug 2018 14:14

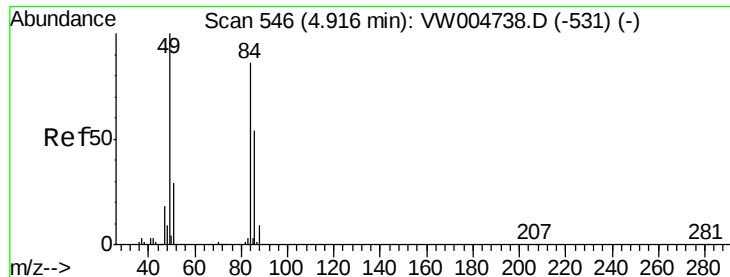
Tgt Ion: 43 Resp: 7141

Ion Ratio Lower Upper

43 100

74 23.7 19.8 29.8

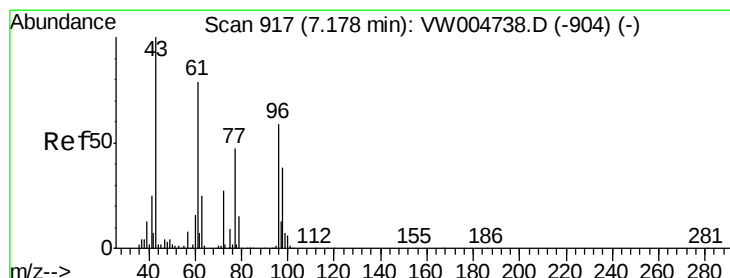
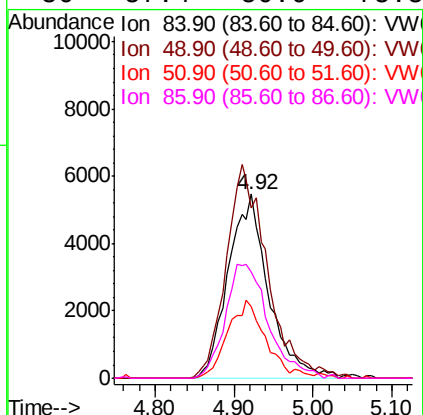
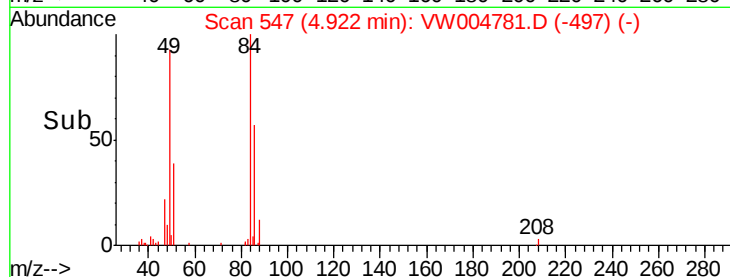
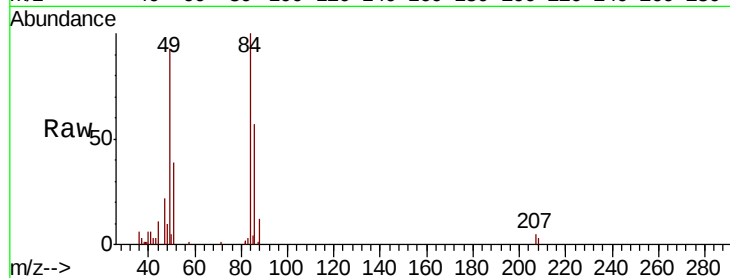




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

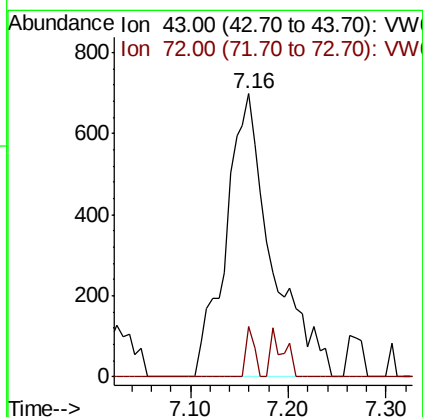
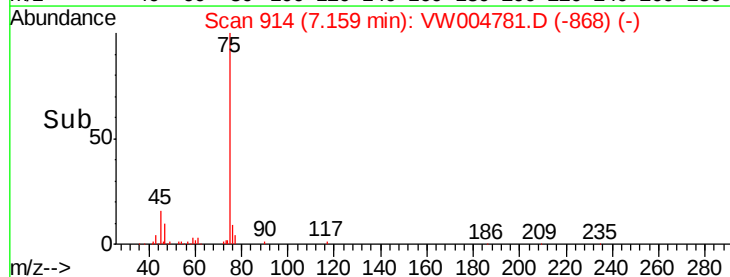
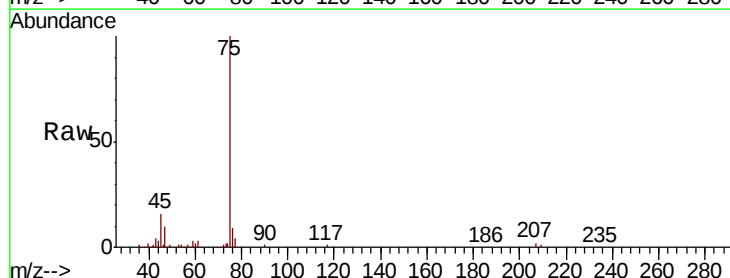
Instrument :
MSVOA_W
ClientSampleId :
IDW-SO3-SRI3

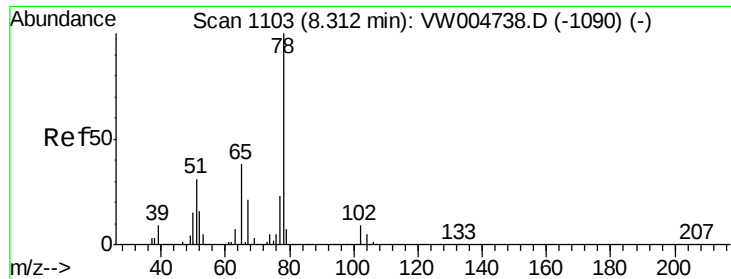
Tot Ion: 84 Resp: 19342
Ion Ratio Lower Upper
84 100
49 92.5 93.2 139.8#
51 38.7 27.4 41.0
86 57.4 50.6 75.8



#25
2-Butanone
Concen: 1.14 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
72 17.8 22.0 33.0#

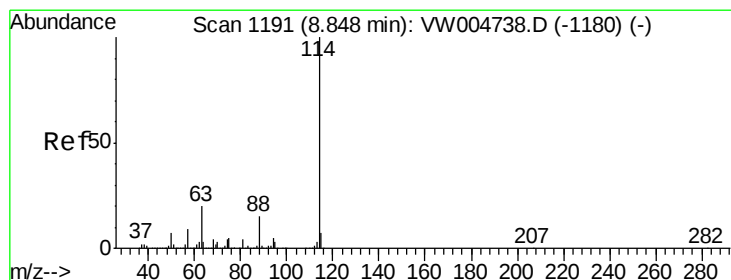
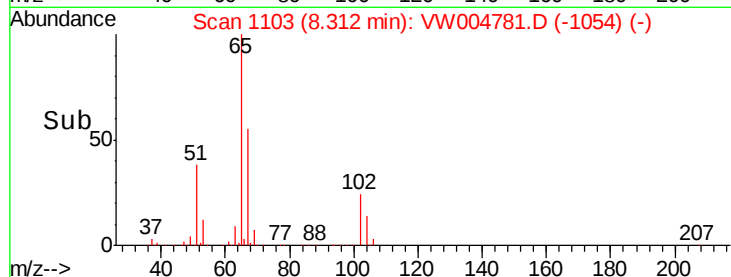
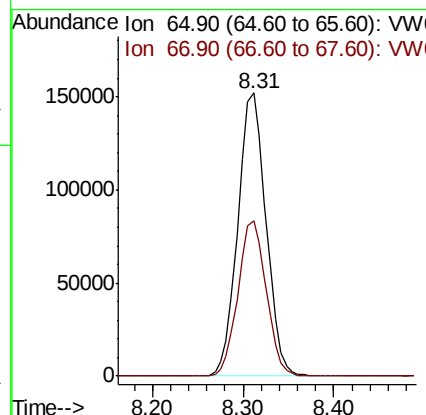
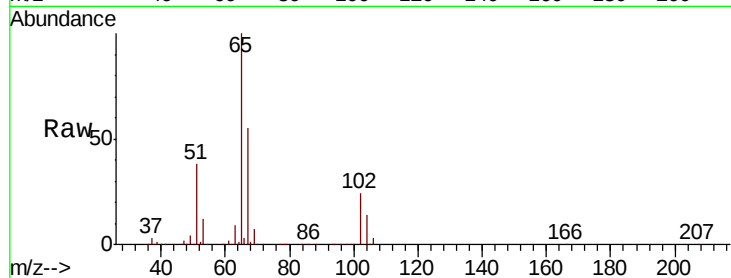




#33
 1,2-Dichloroethane-d4
 Concen: 60.08 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004781.D
 Acq: 18 Aug 2018 14:14

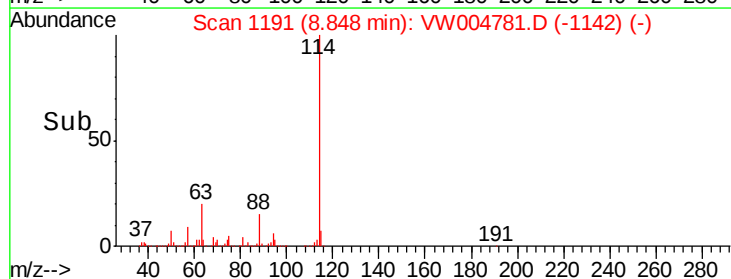
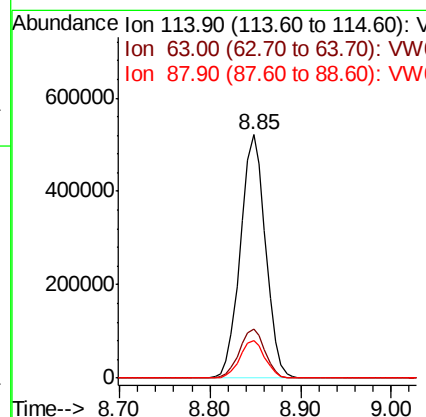
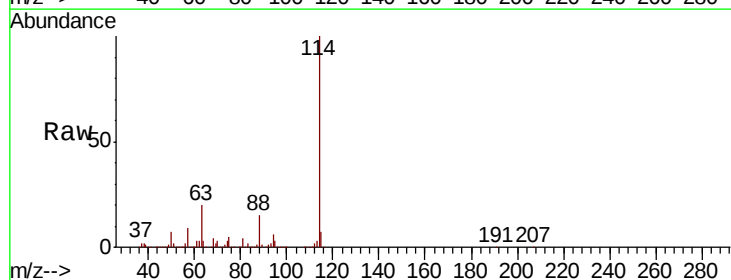
Instrument :
 MSVOA_W
 ClientSampleId :
 IDW-SO3-SRI3

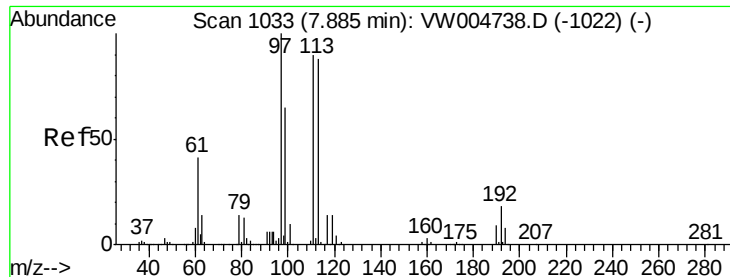
Tot Ion: 65 Resp: 328433
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004781.D
 Acq: 18 Aug 2018 14:14

Tgt Ion: 114 Resp: 999795
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.3 0.0 30.0

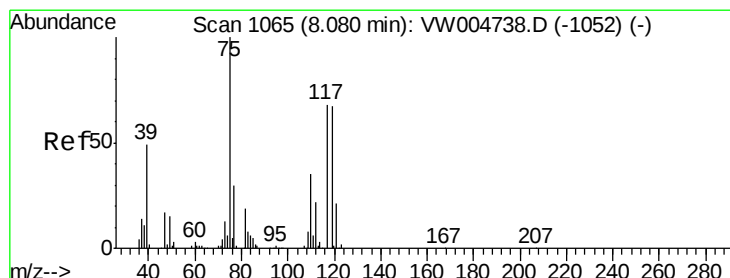
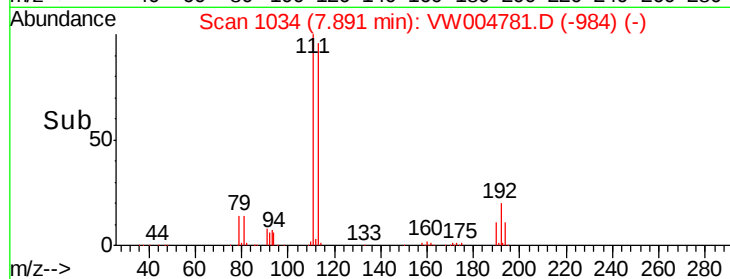
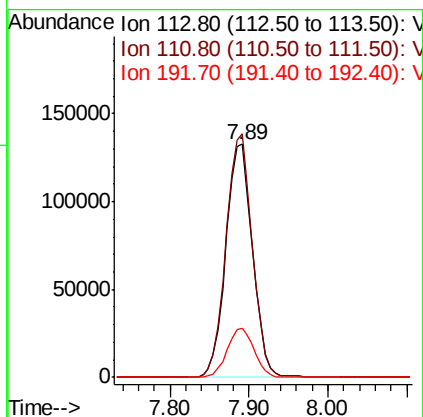
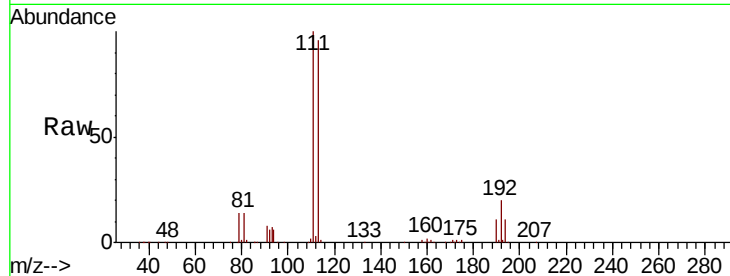




#35
 Dibromofluoromethane
 Concen: 48.81 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004781.D
 Acq: 18 Aug 2018 14:14

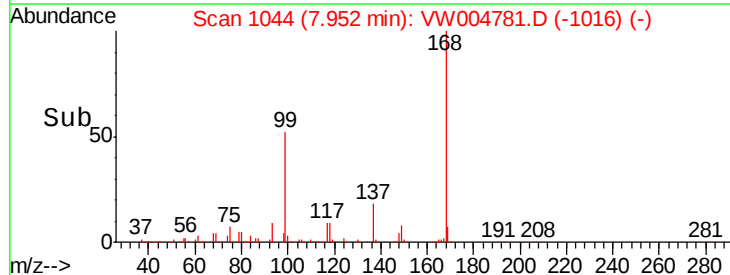
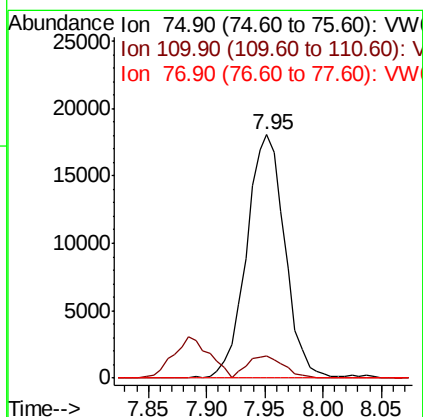
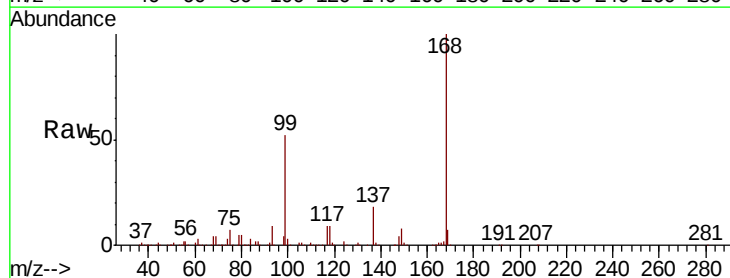
Instrument :
 MSVOA_W
 ClientSampleId :
 IDW-SO3-SRI3

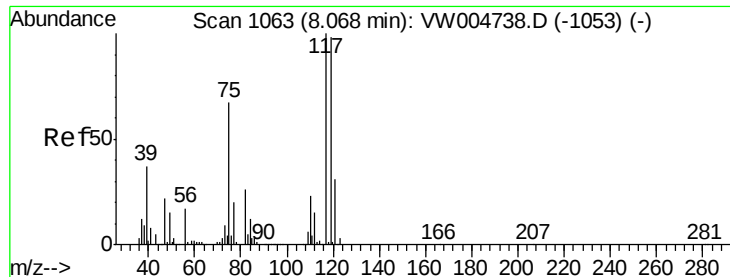
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	21.2	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.01 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004781.D
 Acq: 18 Aug 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.5#
77	0.0	24.9	37.3#

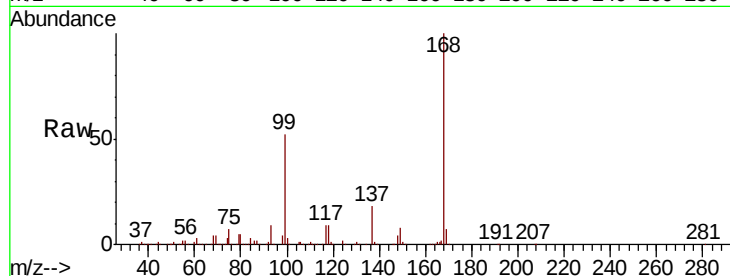




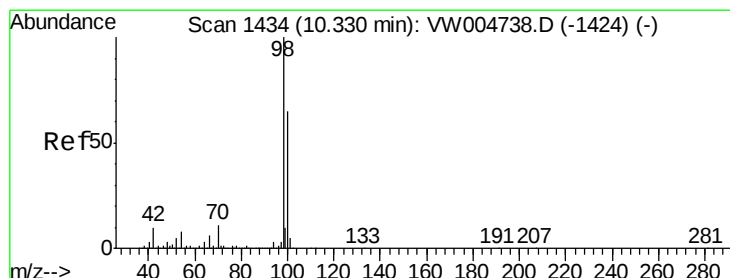
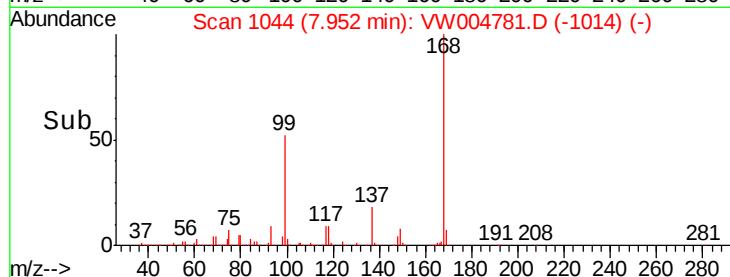
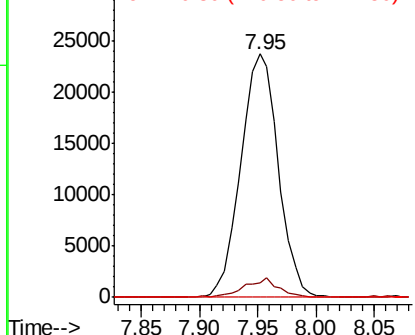
#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
IDW-SO3-SRI3

Tot Ion:117 Resp: 53131
Ion Ratio Lower Upper
117 100
119 5.9 78.0 117.0#
121 0.0 24.8 37.2#

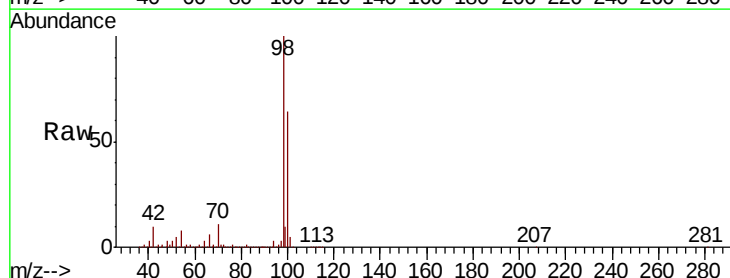


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

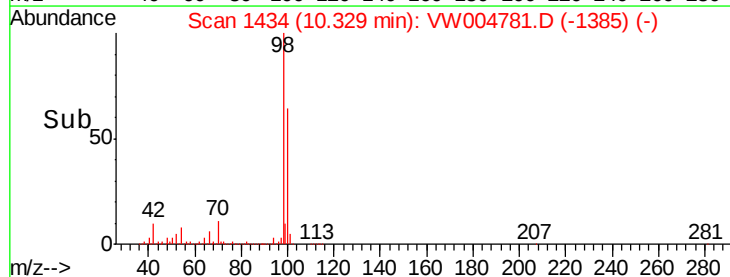
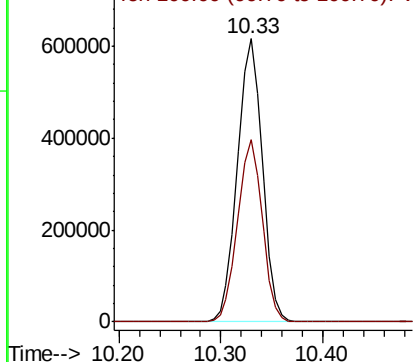


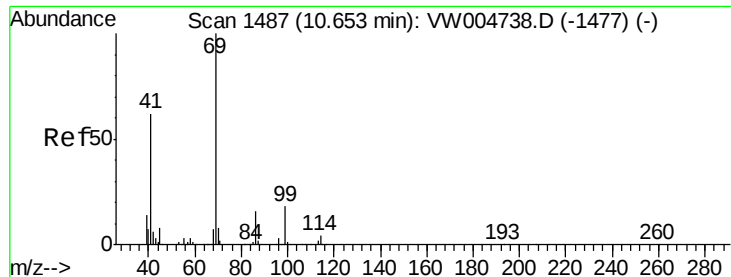
#50
Toluene-d8
Concen: 41.79 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

Tgt Ion: 98 Resp: 1042378
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8



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





#56

Ethyl methacrylate

Concen: 2.98 ug/l

RT: 10.64 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW004781.D

Acq: 18 Aug 2018 14:14

Instrument :

MSVOA_W

ClientSampleID :

IDW-SO3-SRI3

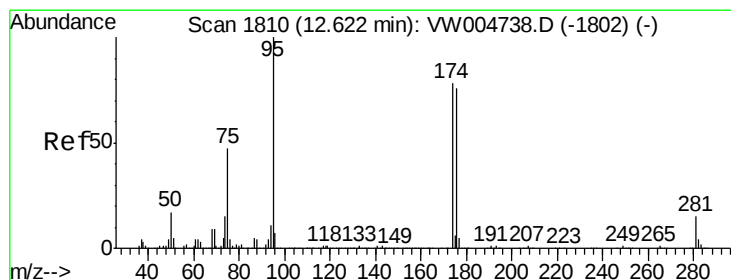
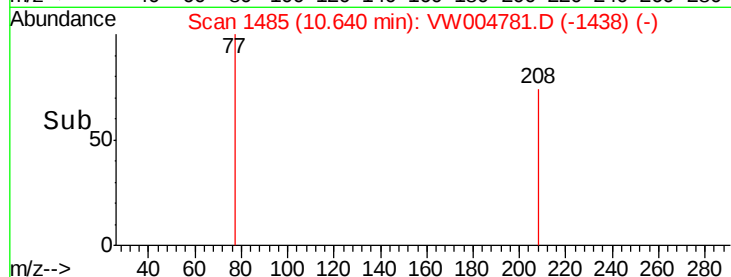
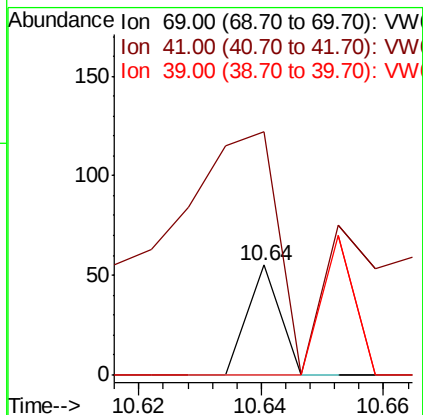
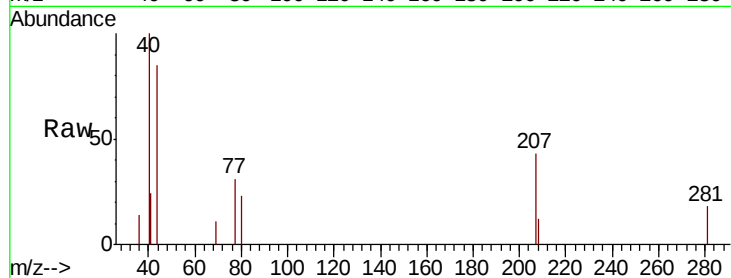
Tot Ion: 69 Resp: 20

Ion Ratio Lower Upper

69 100

41 700.0 50.7 76.1#

39 0.0 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 39.51 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004781.D

Acq: 18 Aug 2018 14:14

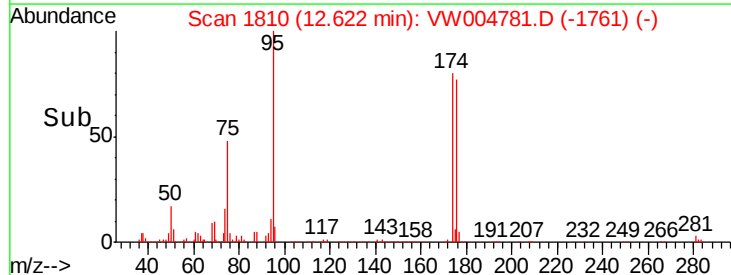
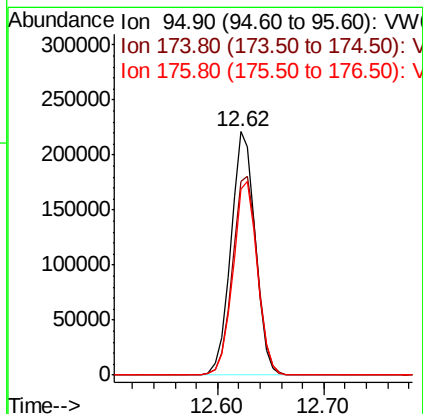
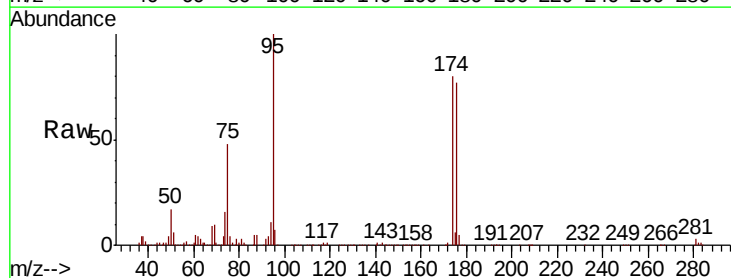
Tgt Ion: 95 Resp: 354525

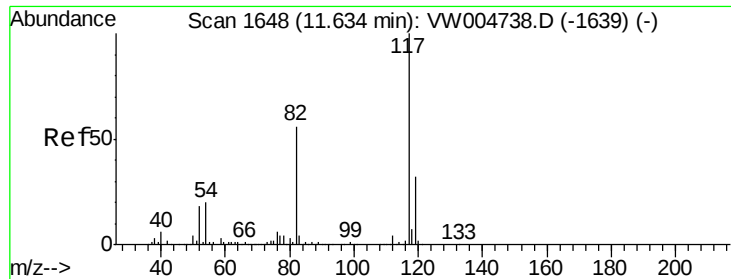
Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

176 80.0 0.0 159.8

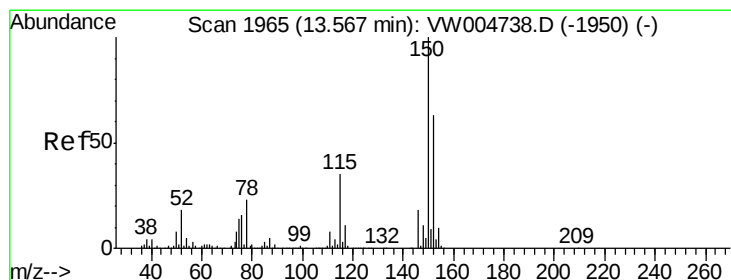
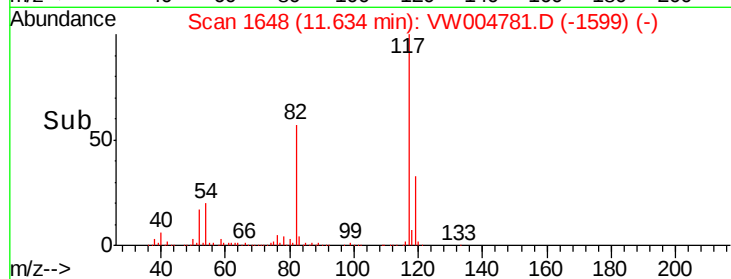
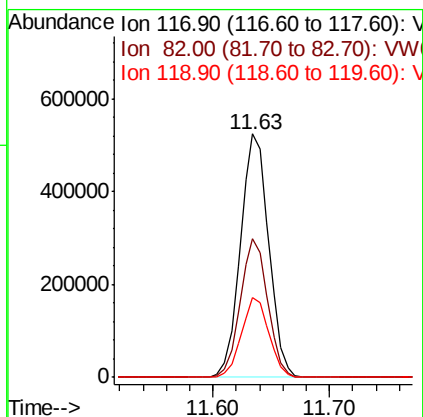
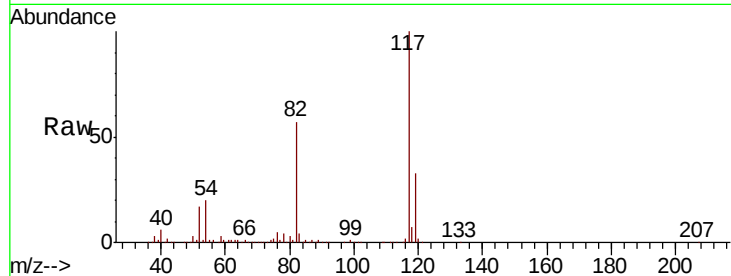




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

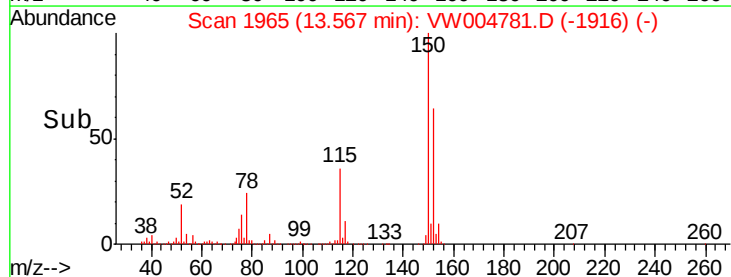
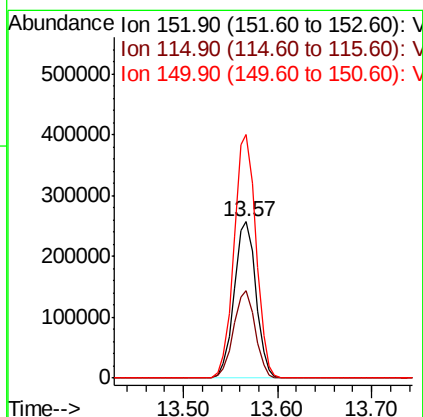
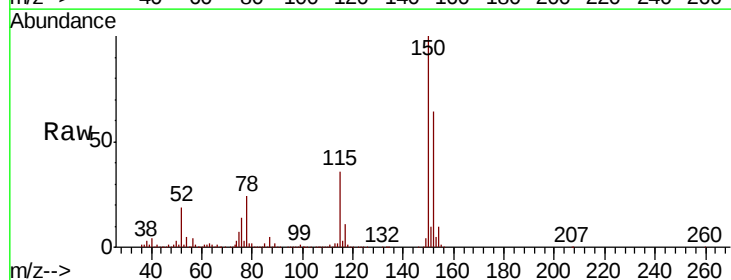
Instrument :
MSVOA_W
ClientSampleId :
IDW-SO3-SRI3

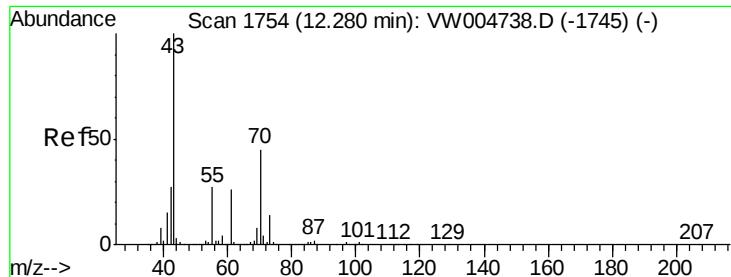
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.6	67.0
119	32.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.5	85.5
150	157.1	0.0	344.8

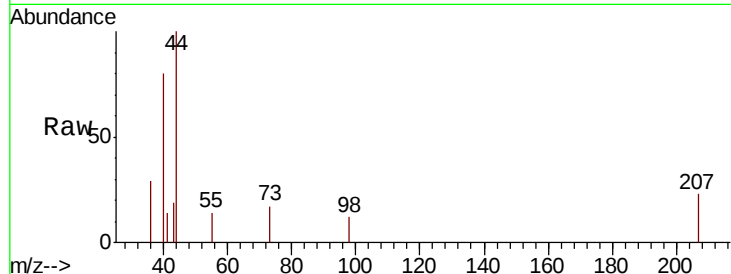




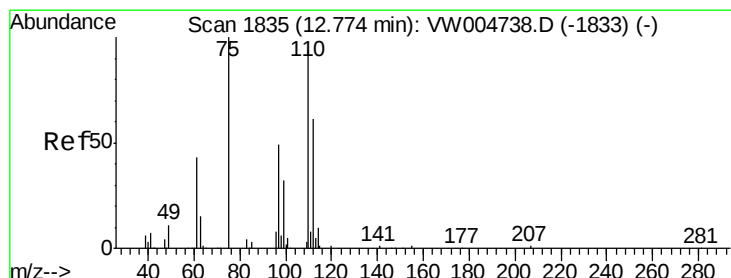
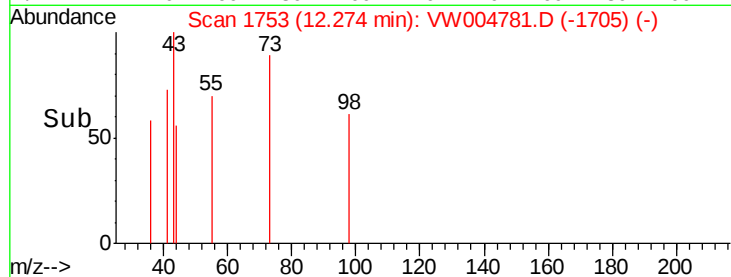
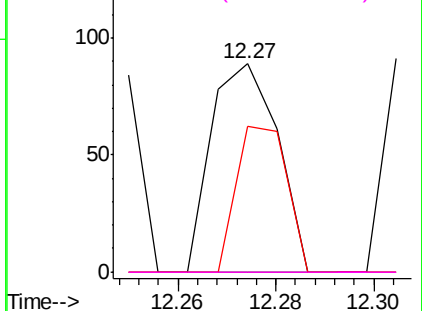
#74
N-amvl acetate
Concen: 4.03 ug/l
RT: 12.27 min Scan# 1753
Delta R.T. -0.01 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

Instrument :
MSVOA_W
ClientSampled :
IDW-SO3-SRI3

Tot Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
70 0.0 36.3 54.5#
55 54.2 22.6 33.8#
61 0.0 20.2 30.4#

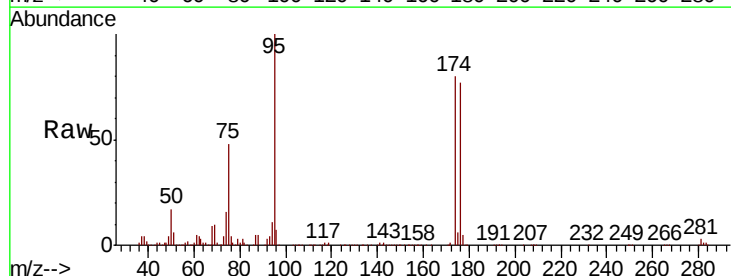


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

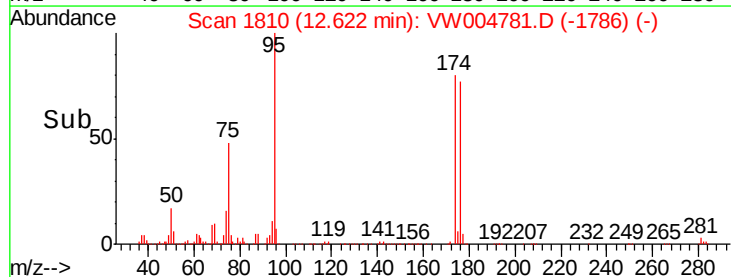
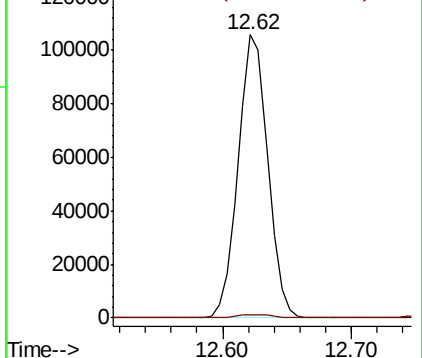


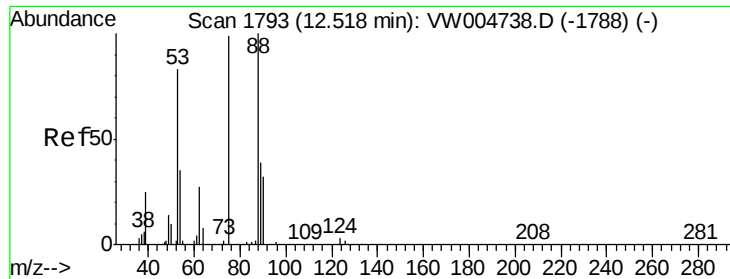
#76
1,2,3-Trichloropropane
Concen: 46.35 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004781.D
Acq: 18 Aug 2018 14:14

Tgt Ion: 75 Resp: 168248
Ion Ratio Lower Upper
75 100
77 1.5 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: 107.72 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004781.D

Acq: 18 Aug 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

IDW-SO3-SRI3

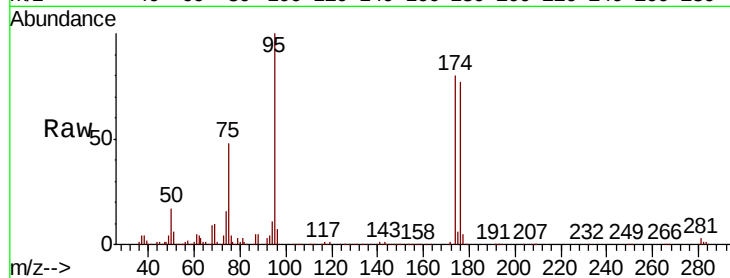
Tot Ion: 75 Resp: 168248

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.4#

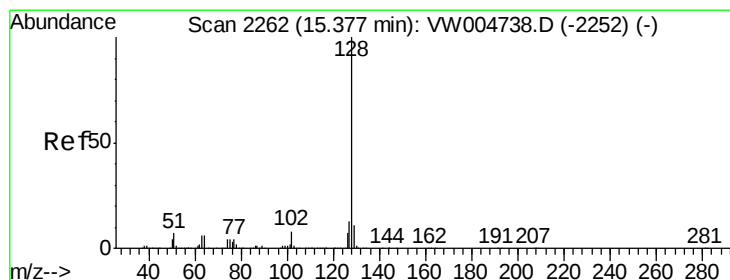
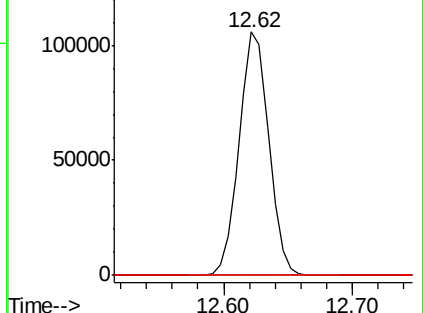
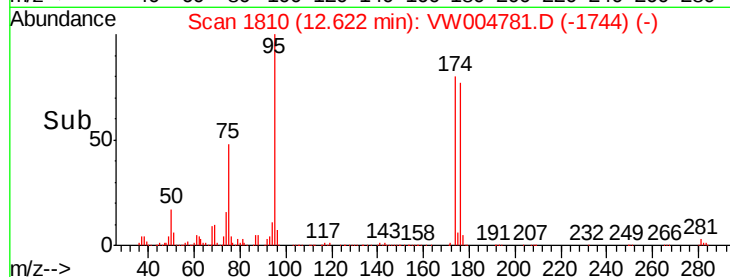
89 0.0 35.2 52.8#



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



#95

Naphthalene

Concen: 3.72 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004781.D

Acq: 18 Aug 2018 14:14

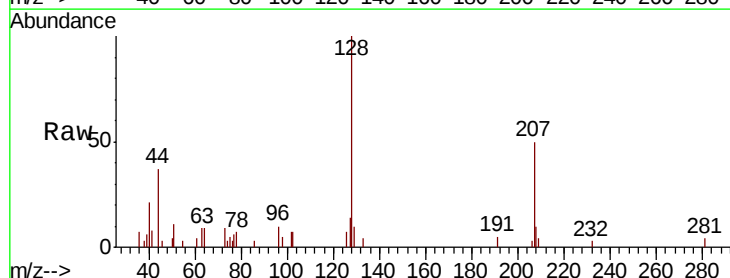
Tgt Ion:128 Resp: 3828

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

