

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004827.D
 Acq On : 21 Aug 2018 08:26
 Operator : SY/AP
 Sample : J4546-02
 Misc : 9.85G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 11:32:22 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	486883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	810193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	759682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	376303	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	276930	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	
35) Dibromofluoromethane	7.89	113	269799	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.33	98	919418	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
62) 4-Bromofluorobenzene	12.63	95	317394	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	

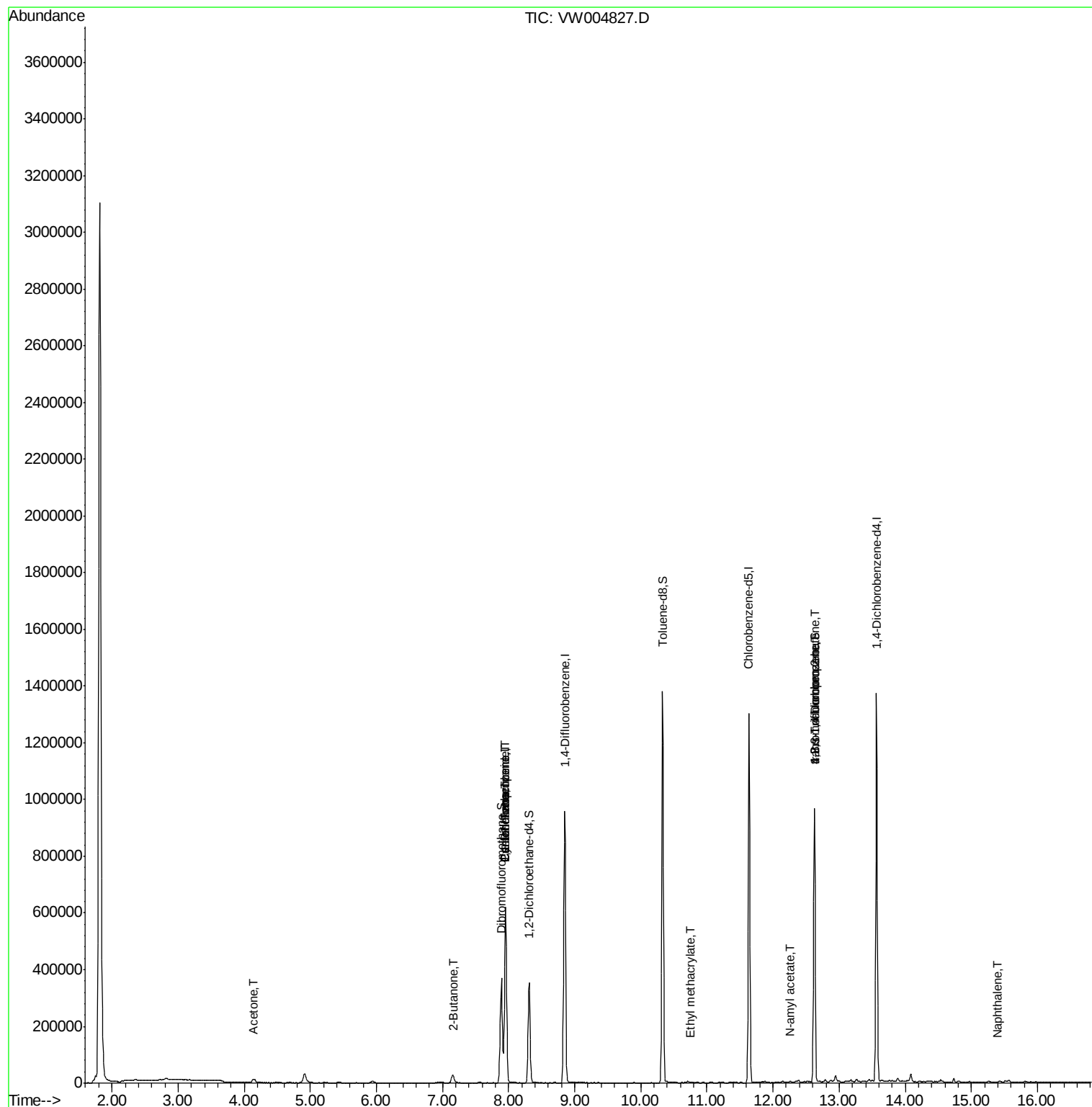
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	26493	22.048	ug/l	98
25) 2-Butanone	7.17	43	1890	1.104	ug/l #	47
31) Cyclohexane	7.95	56	9411	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	35526	4.256	ug/l #	48
38) Carbon Tetrachloride	7.95	117	43879	5.711	ug/l #	17
56) Ethyl methacrylate	10.76	69	21	2.984	ug/l #	27
74) N-amyl acetate	12.26	43	1559	4.258	ug/l #	82
76) 1,2,3-Trichloropropane	12.63	75	151940	45.804	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	151940	106.460	ug/l #	14
95) Naphthalene	15.38	128	431	3.533	ug/l #	69

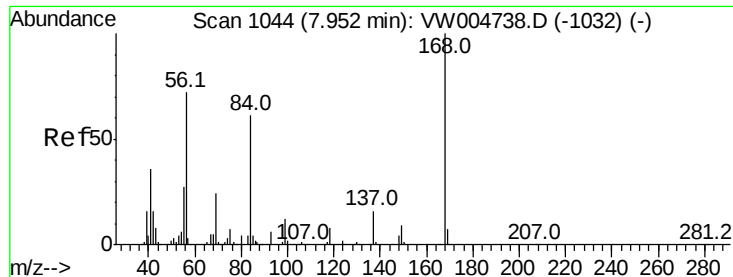
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 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: VW004827.D

Acq: 21 Aug 2018 08:26

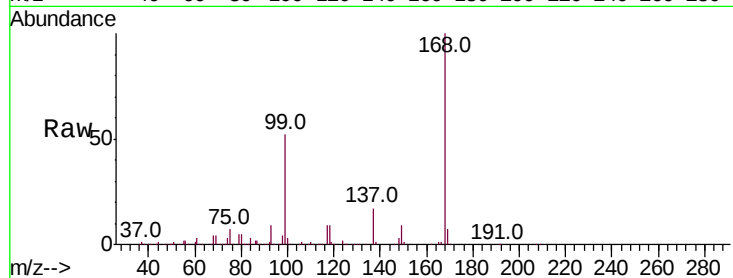
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 486883

Ion Ratio Lower Upper

168 100

99 52.4 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

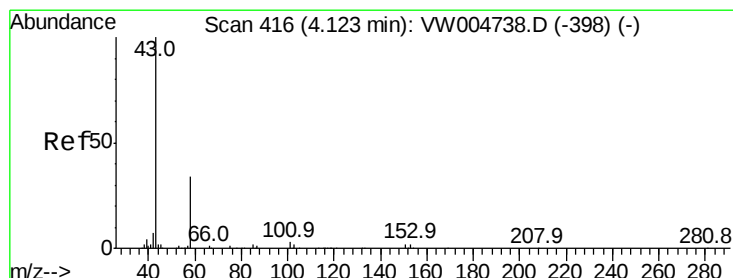
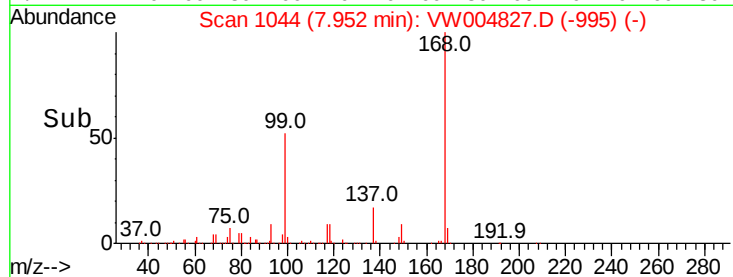
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.048 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004827.D

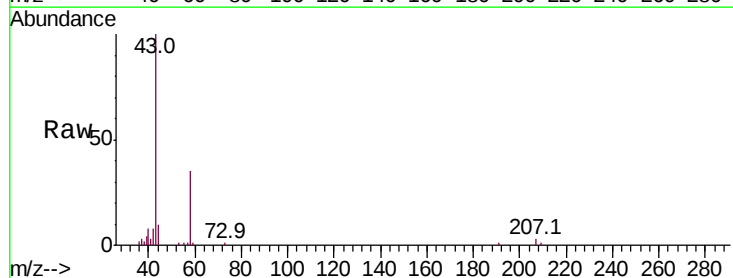
Acq: 21 Aug 2018 08:26

Tgt Ion: 43 Resp: 26493

Ion Ratio Lower Upper

43 100

58 35.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

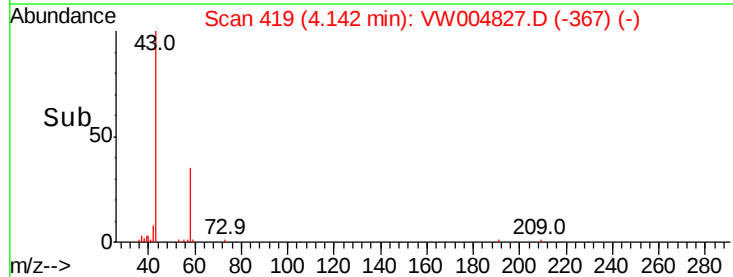
6000

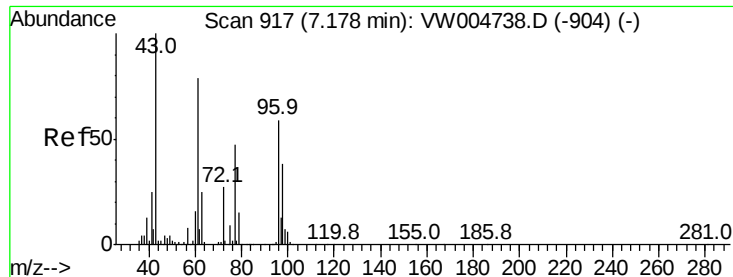
4000

2000

0

Time-->





#25

2-Butanone

Concen: 1.104 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

Instrument :

MSVOA_W

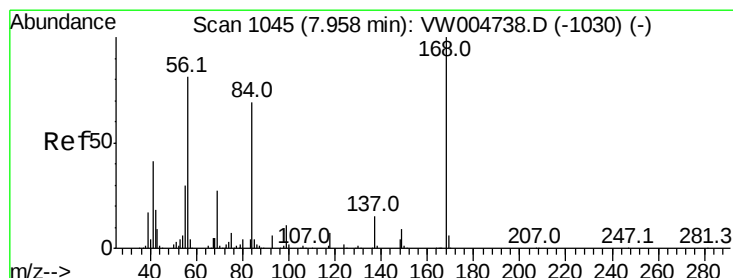
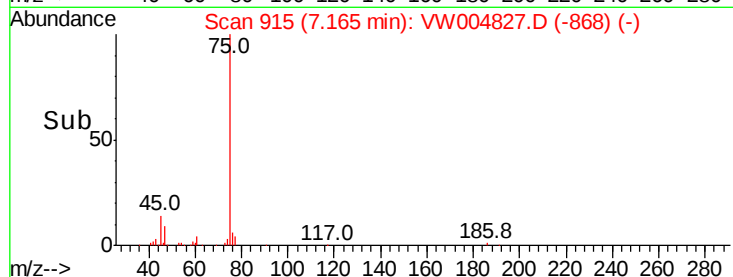
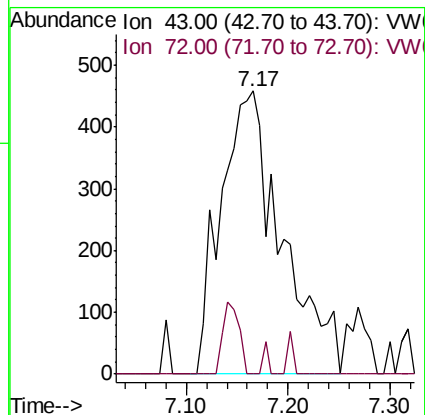
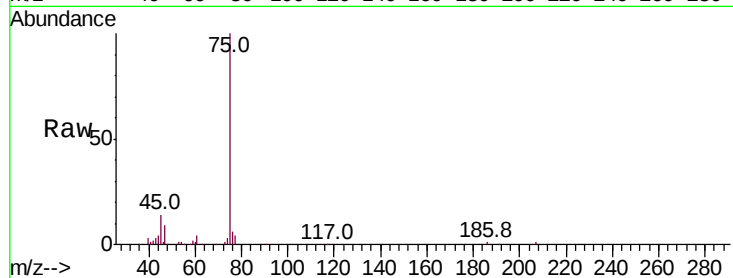
ClientSampleId :

Tot Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#31

Cyclohexane

Concen: 1.023 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

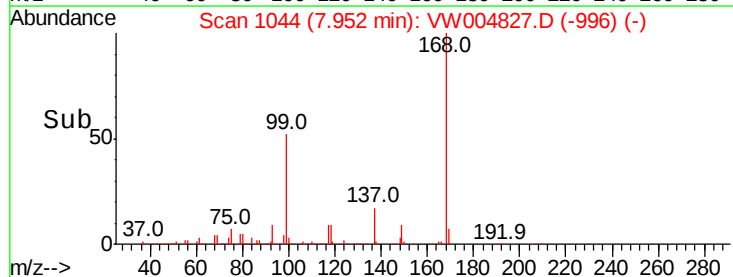
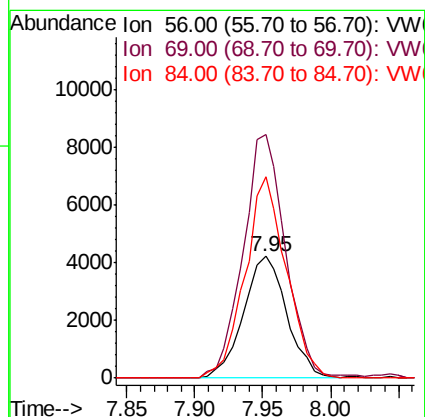
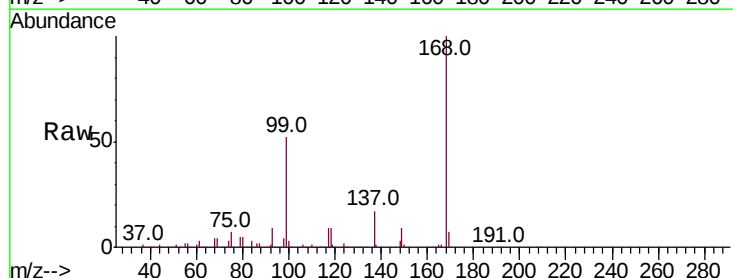
Tgt Ion: 56 Resp: 9411

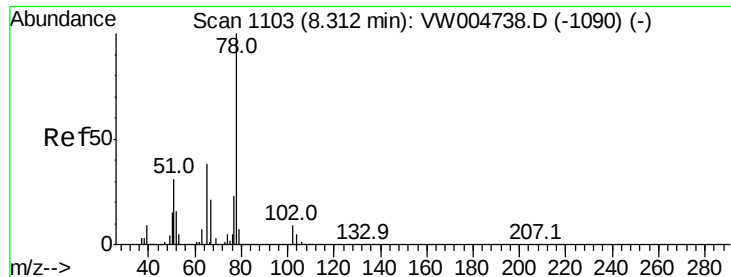
Ion Ratio Lower Upper

56 100

69 200.6 27.1 40.7#

84 165.9 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 58.831 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

Instrument :

MSVOA_W

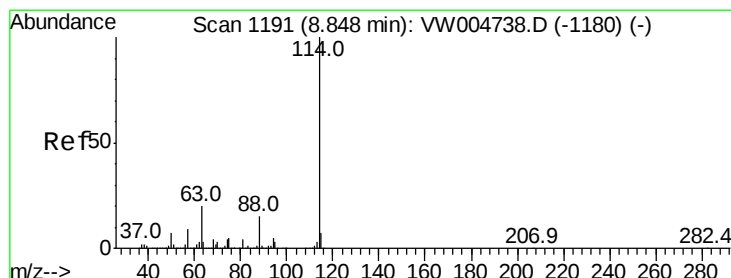
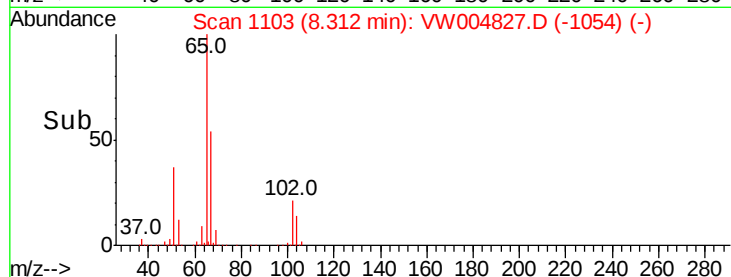
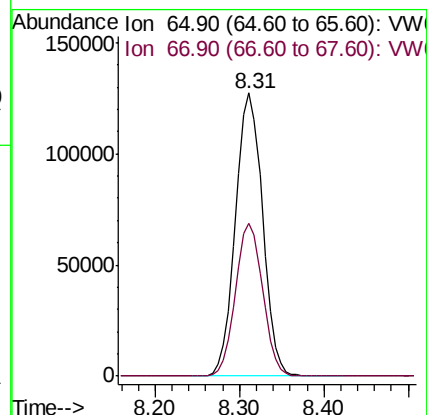
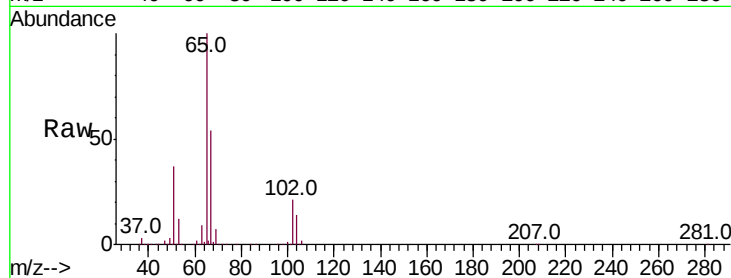
ClientSampled :

Tot Ion: 65 Resp: 276930

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

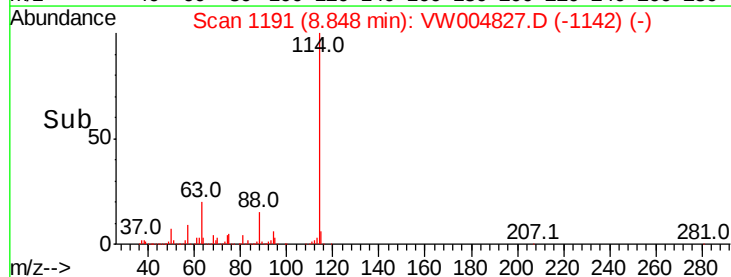
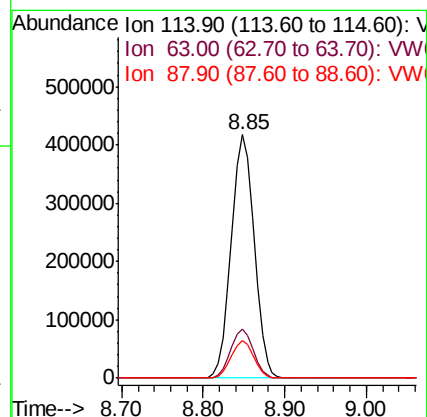
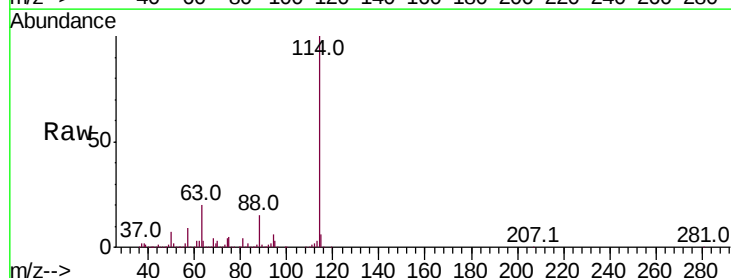
Tgt Ion: 114 Resp: 810193

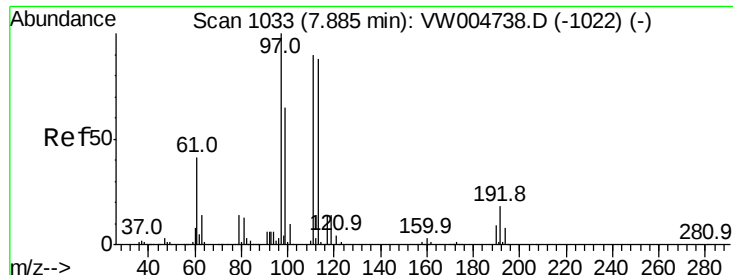
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 15.3 0.0 30.0

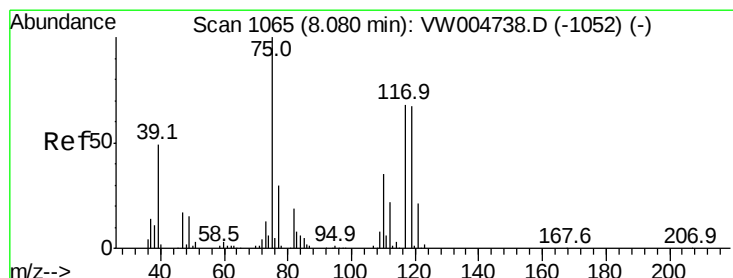
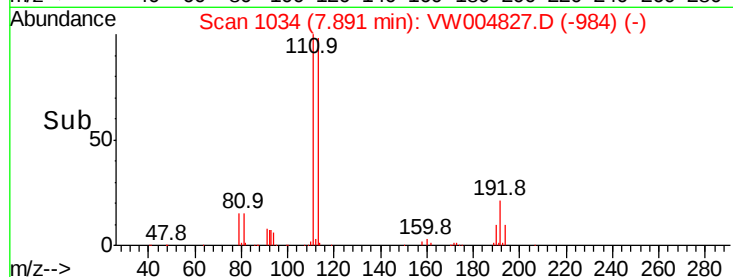
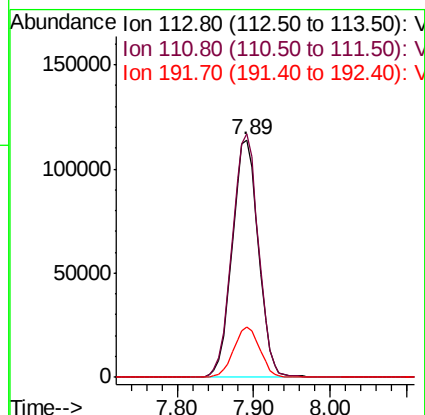
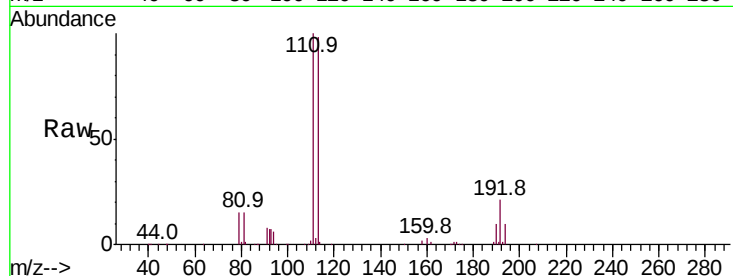




#35
 Dibromofluoromethane
 Concen: 52.103 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004827.D
 Acq: 21 Aug 2018 08:26

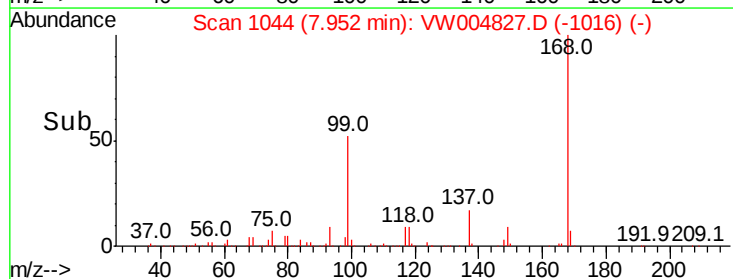
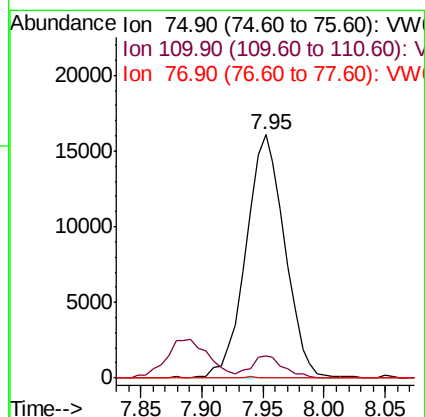
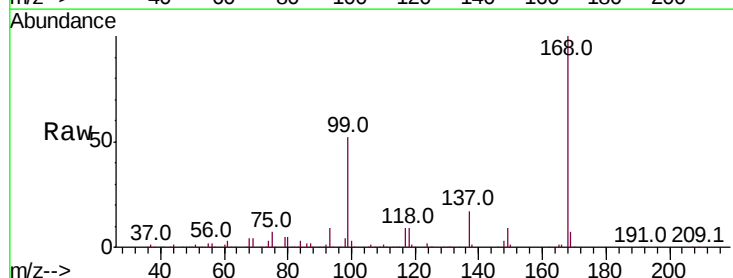
Instrument :
 MSVOA_W
 ClientSampleId :

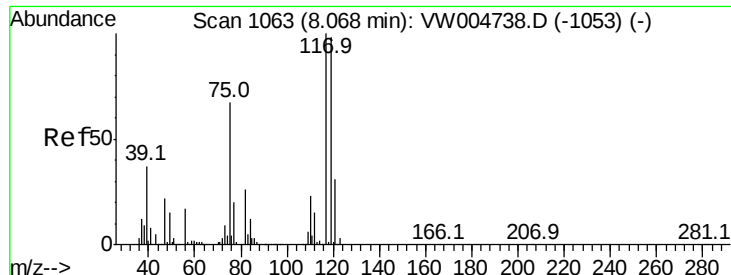
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	21.1	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.256 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004827.D
 Acq: 21 Aug 2018 08:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.8	53.5#
77	0.1	24.9	37.3#

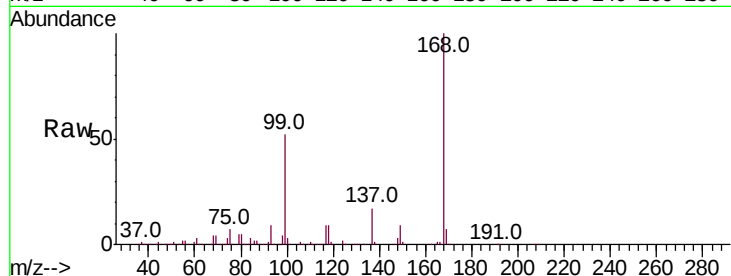




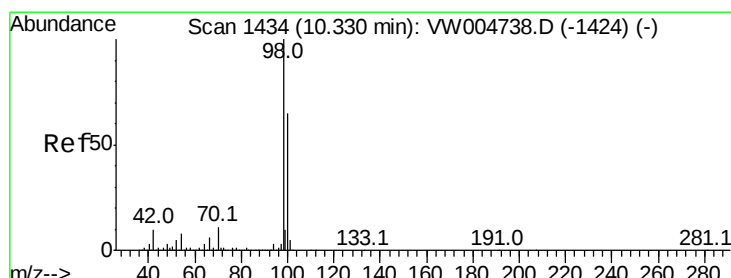
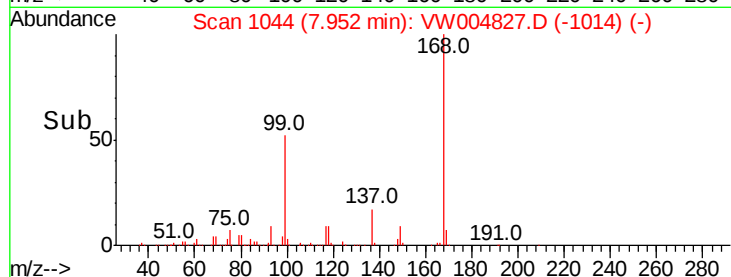
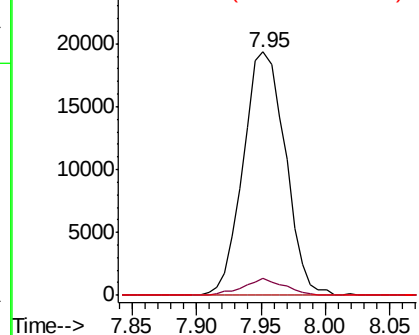
#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004827.D
Acq: 21 Aug 2018 08:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 43879
Ion Ratio Lower Upper
117 100
119 6.8 78.0 117.0#
121 0.0 24.8 37.2#

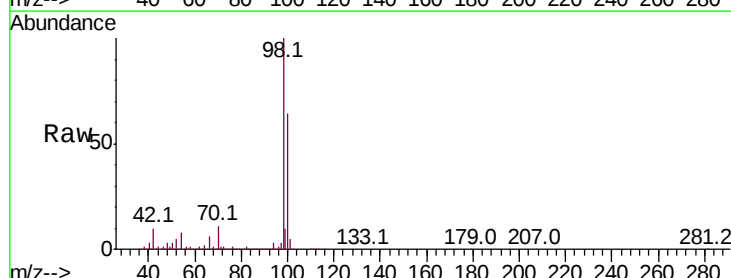


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

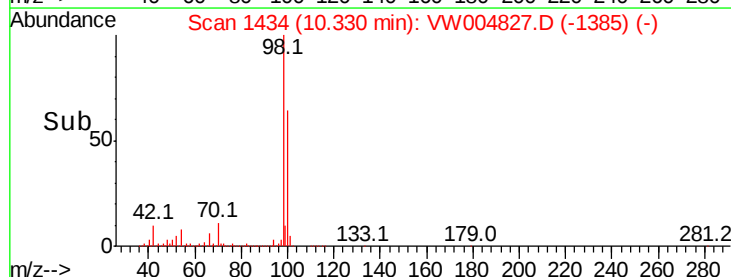
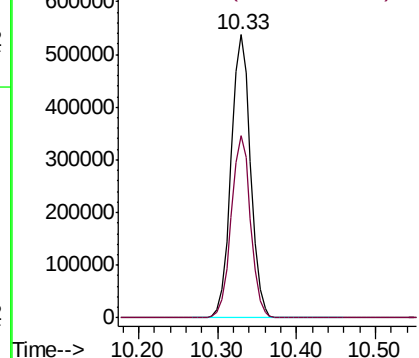


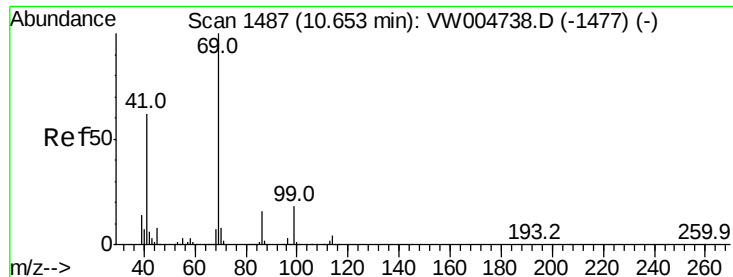
#50
Toluene-d8
Concen: 45.485 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004827.D
Acq: 21 Aug 2018 08:26

Tgt Ion: 98 Resp: 919418
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): VW





#56

Ethyl methacrylate

Concen: 2.984 ug/l

RT: 10.76 min Scan# 1504

Delta R.T. 0.10 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

Instrument :

MSVOA_W

ClientSampled :

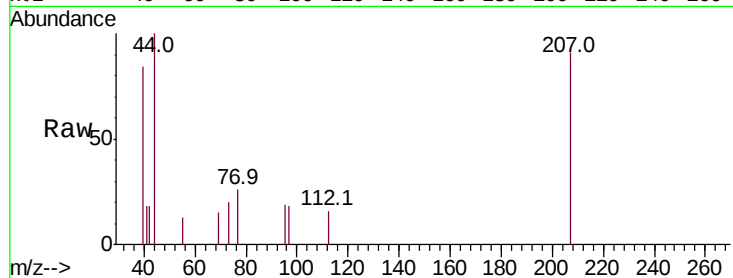
Tot Ion: 69 Resp: 21

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

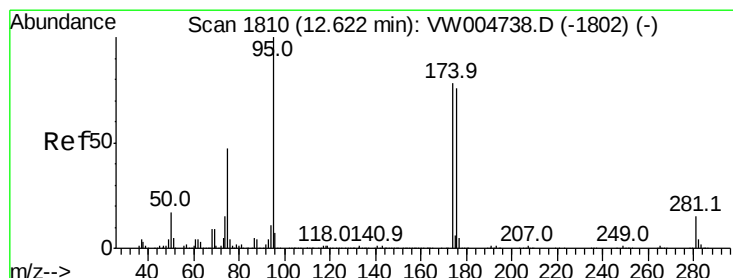
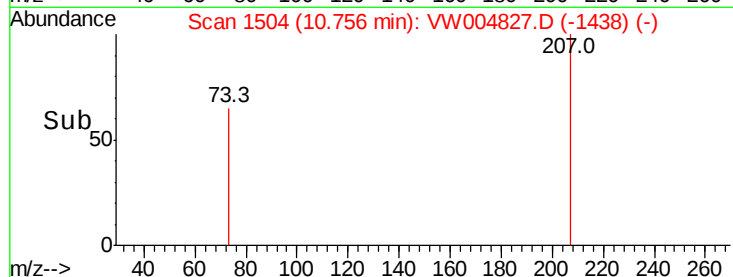
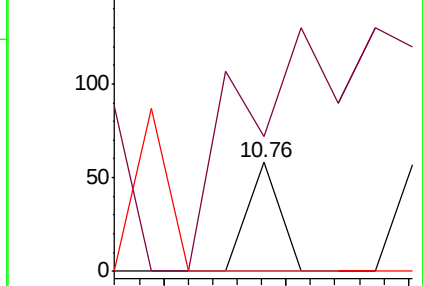
39 0.0 21.4 32.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 43.646 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

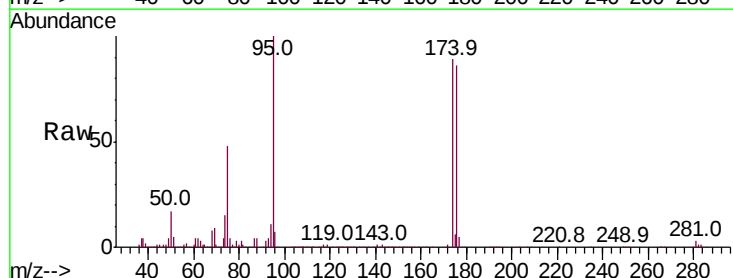
Tgt Ion: 95 Resp: 317394

Ion Ratio Lower Upper

95 100

174 86.1 0.0 165.8

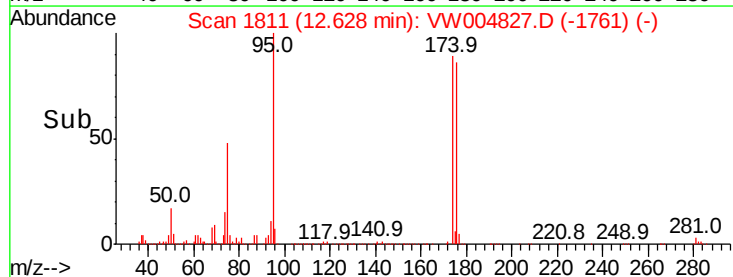
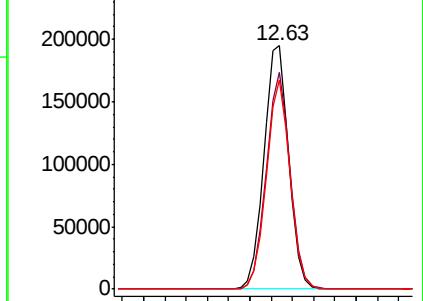
176 82.0 0.0 159.8

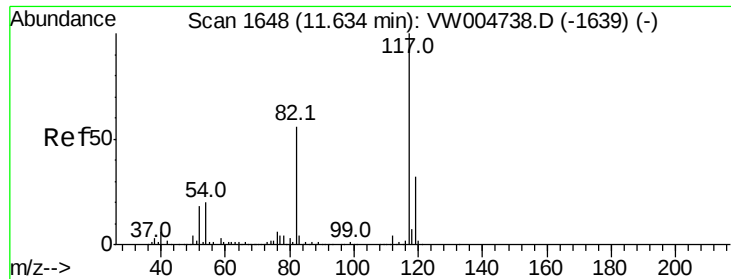


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

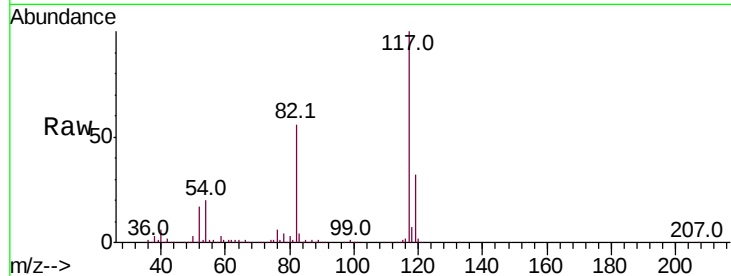




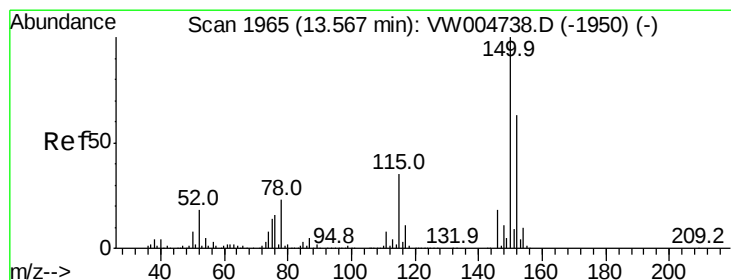
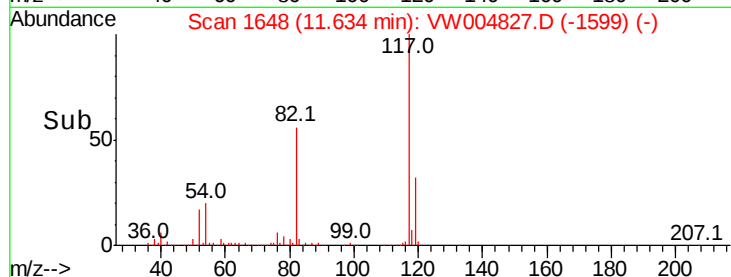
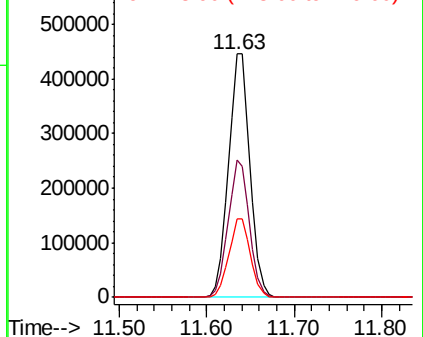
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004827.D
Acq: 21 Aug 2018 08:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 759682
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.1 25.6 38.4

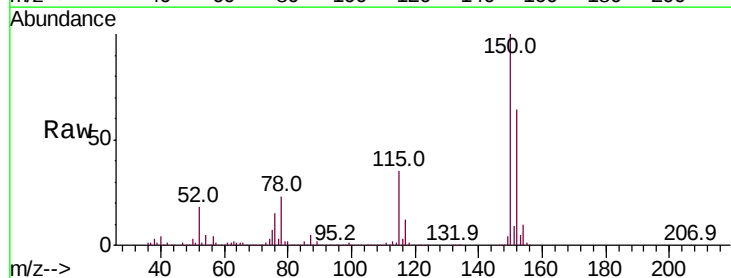


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

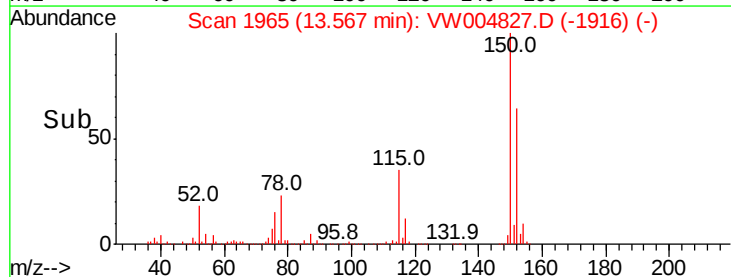
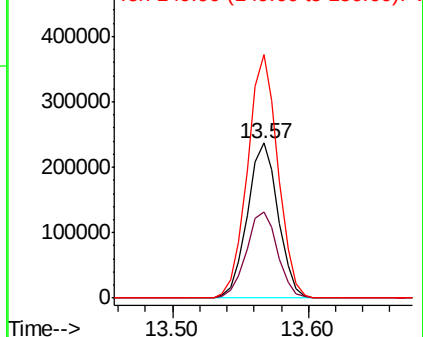


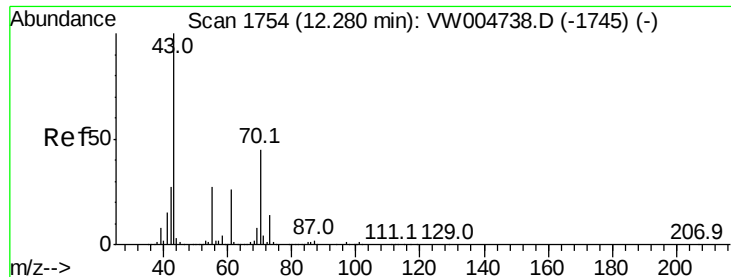
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004827.D
Acq: 21 Aug 2018 08:26

Tgt Ion:152 Resp: 376303
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 155.2 0.0 344.8



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

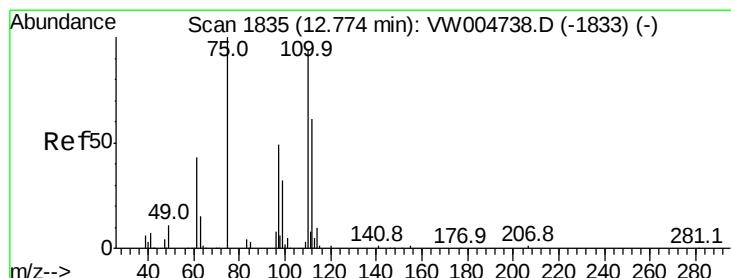
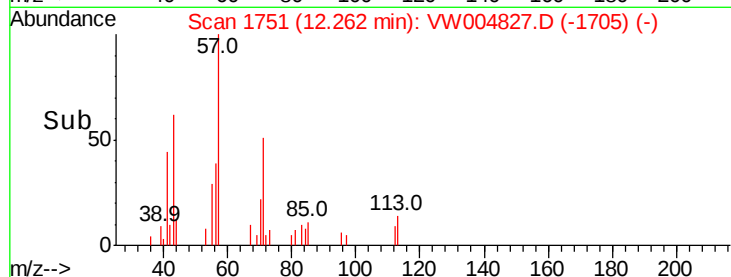
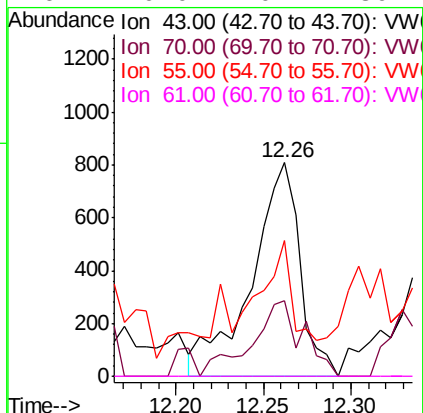
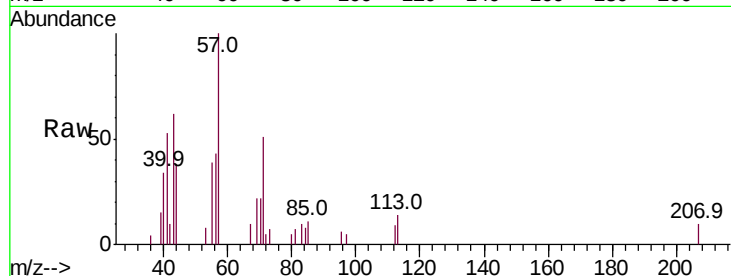




#74
N-amvl acetate
Concen: 4.258 ug/l
RT: 12.26 min Scan# 1751
Delta R.T. -0.02 min
Lab File: VW004827.D
Acq: 21 Aug 2018 08:26

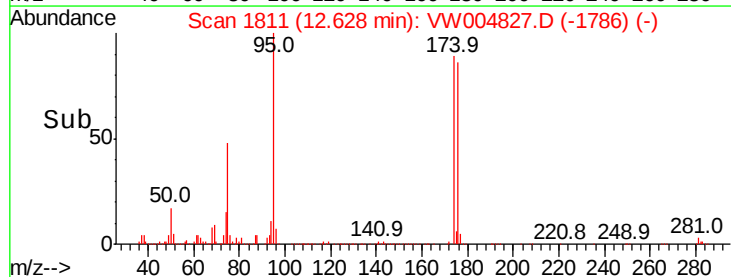
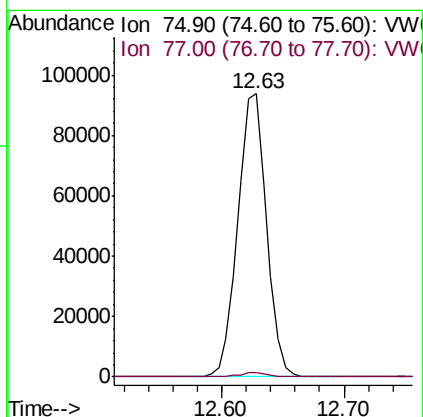
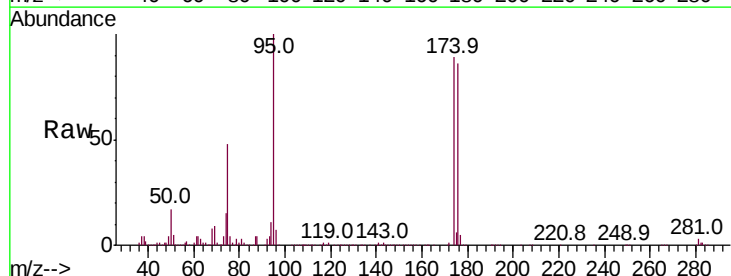
Instrument :
MSVOA_W
ClientSampled :

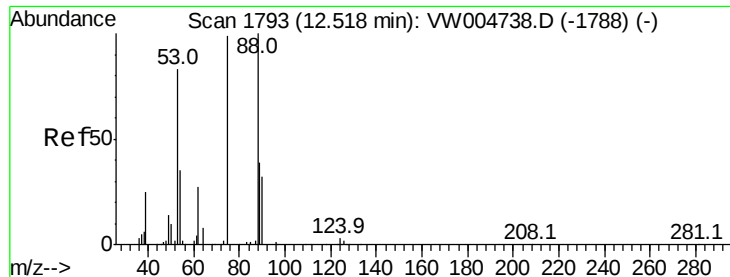
Tot Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
70 38.0 36.3 54.5
55 27.8 22.6 33.8
61 0.0 20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 45.804 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW004827.D
Acq: 21 Aug 2018 08:26

Tgt Ion: 75 Resp: 151940
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 106.460 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

Instrument :

MSVOA_W

ClientSampleId :

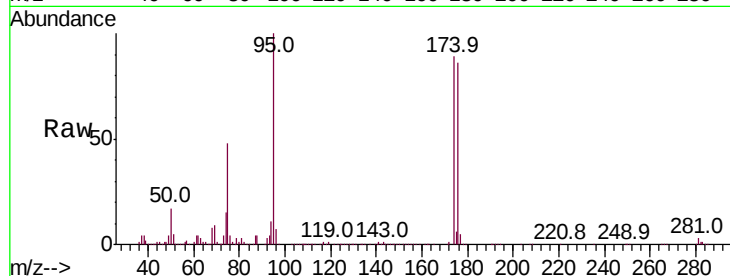
Tot Ion: 75 Resp: 151940

Ion Ratio Lower Upper

75 100

53 0.4 72.2 108.4#

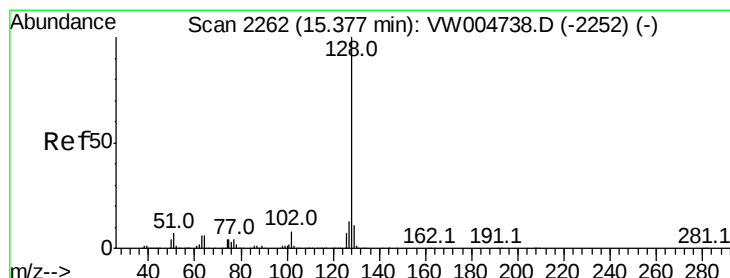
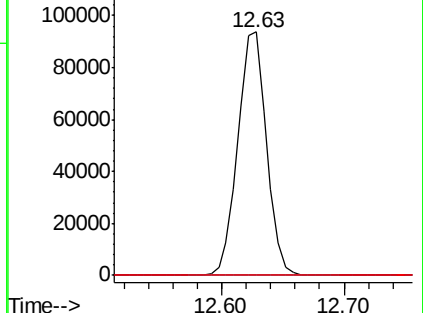
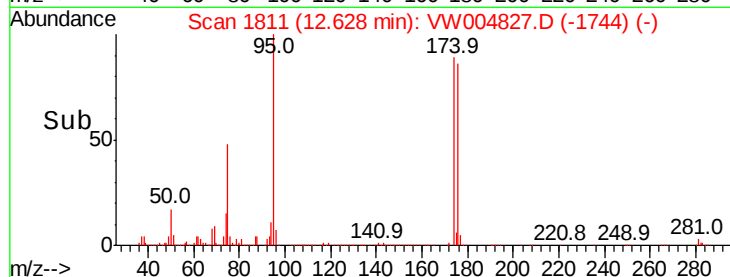
89 0.0 35.2 52.8#



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: 3.533 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004827.D

Acq: 21 Aug 2018 08:26

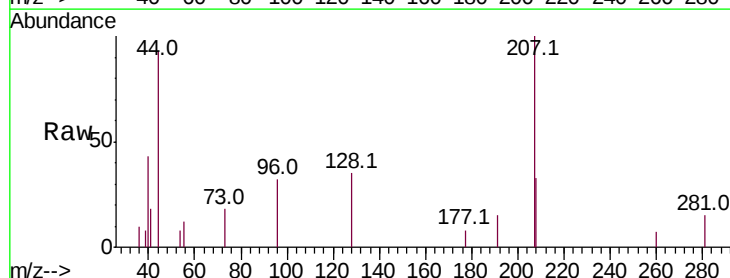
Tgt Ion: 128 Resp: 431

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

