

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004585.D
 Acq On : 10 Aug 2018 06:43
 Operator : SY/AP
 Sample : J4393-02
 Misc : 14.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-60-62

Quant Time: Aug 10 08:00:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	554508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	977653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	906445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	395286	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	336689	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	
35) Dibromofluoromethane	7.89	113	327760	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.33	98	1095550	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	12.63	95	370324	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	

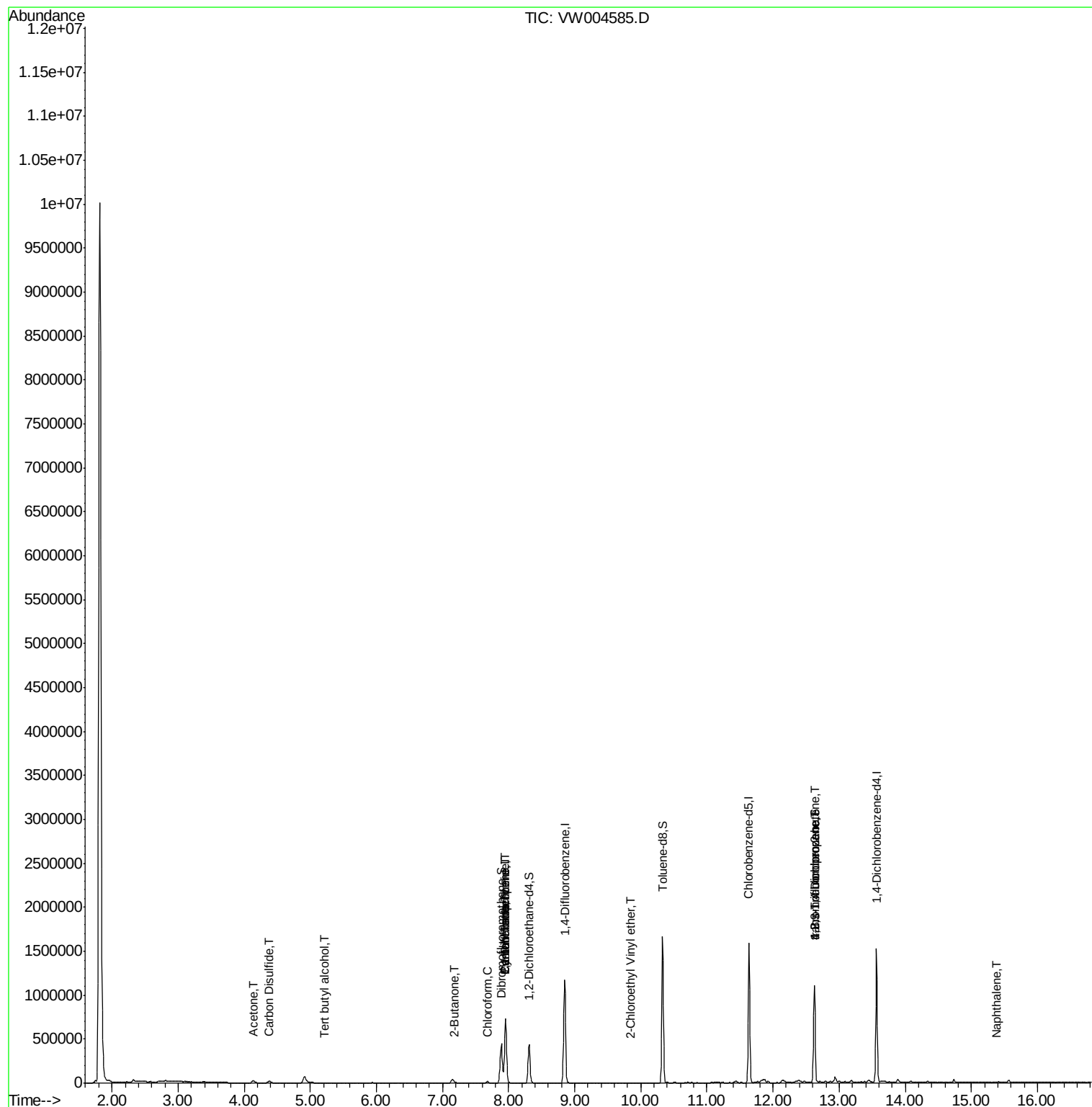
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	6060	16.861	ug/l #	80
16) Acetone	4.14	43	47233	30.812	ug/l	98
17) Carbon Disulfide	4.38	76	53574	2.741	ug/l	98
20) Methylene Chloride	4.92	84	58445	Below Cal		96
25) 2-Butanone	7.19	43	6208	2.518	ug/l	94
30) Chloroform	7.68	83	16268	1.378	ug/l	97
31) Cyclohexane	7.95	56	11685	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	42827	4.069	ug/l #	49
38) Carbon Tetrachloride	7.95	117	52468	5.539	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.85	63	42	8.955	ug/l #	48
76) 1,2,3-Trichloropropane	12.63	75	180292	44.078	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	180292	105.516	ug/l #	13
95) Naphthalene	15.38	128	2702	3.059	ug/l #	84

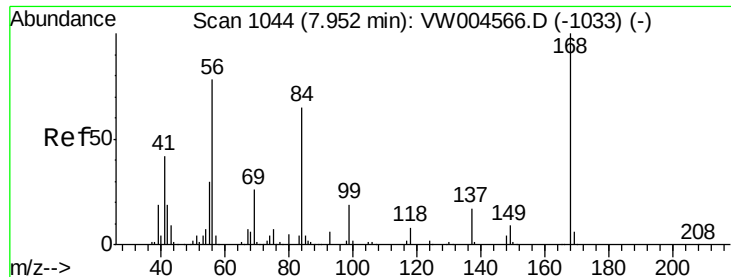
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

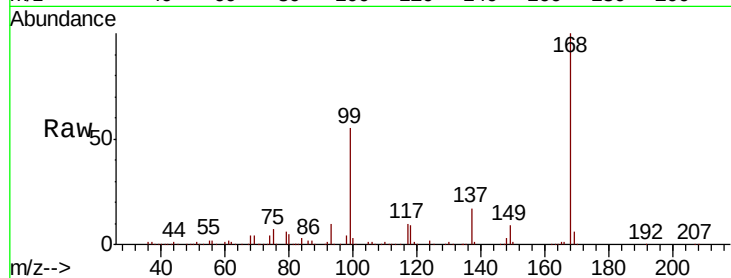
JTY-SB-01-60-62

Tgt Ion:168 Resp: 554508

Ion Ratio Lower Upper

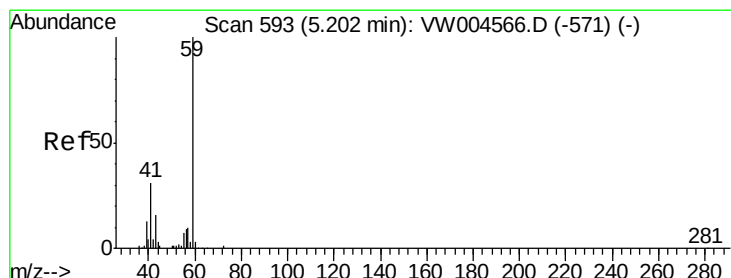
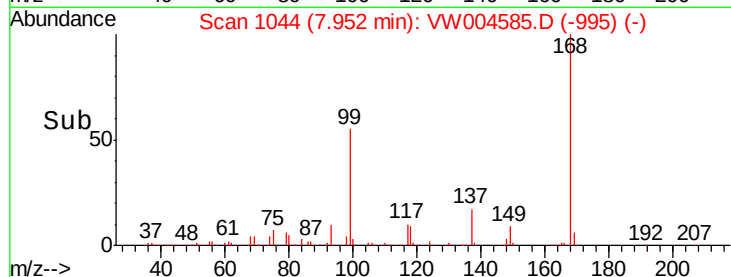
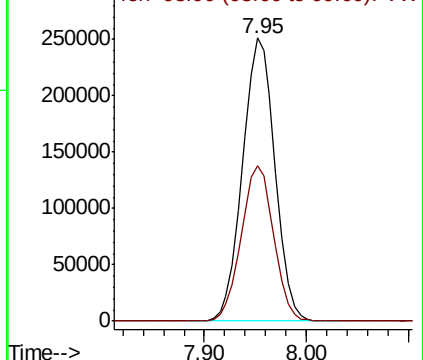
168 100

99 54.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 16.861 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004585.D

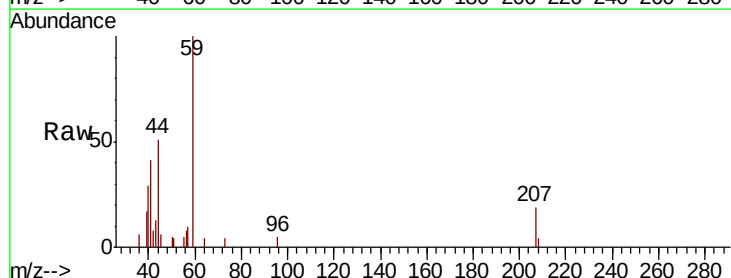
Acq: 10 Aug 2018 06:43

Tgt Ion: 59 Resp: 6060

Ion Ratio Lower Upper

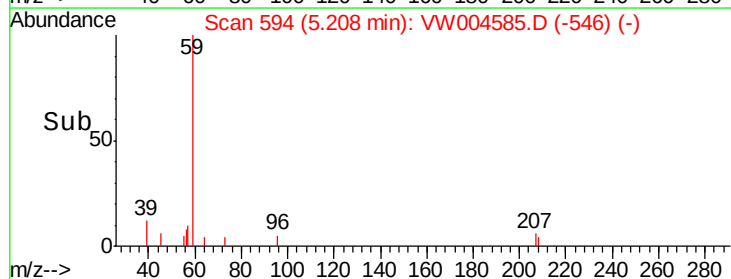
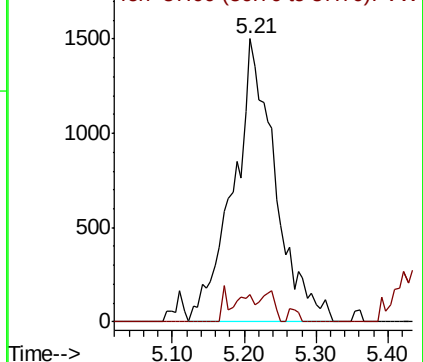
59 100

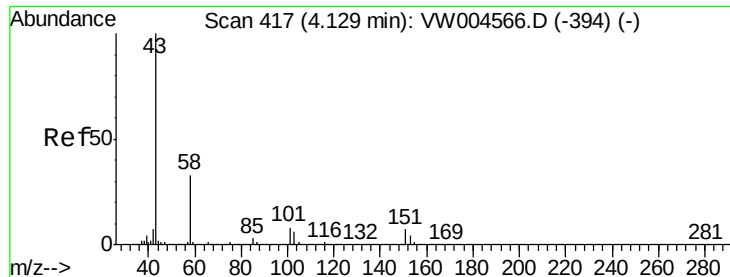
57 3.6 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 30.812 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

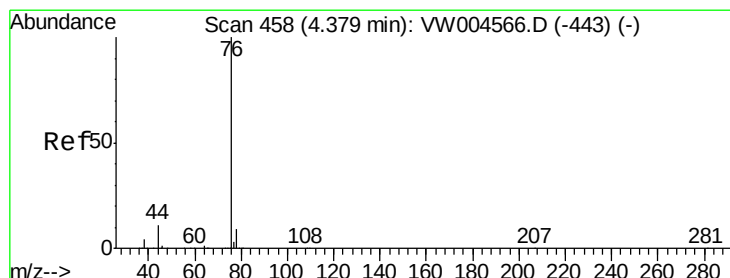
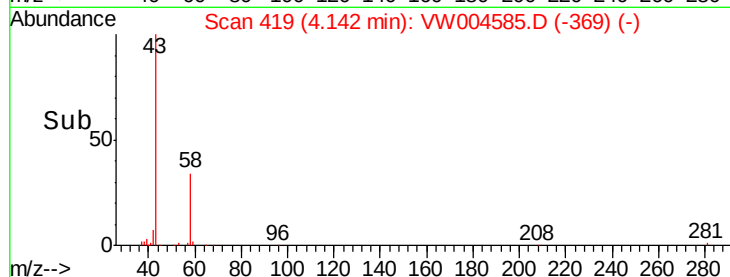
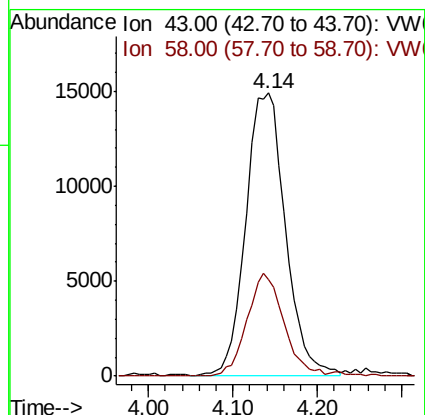
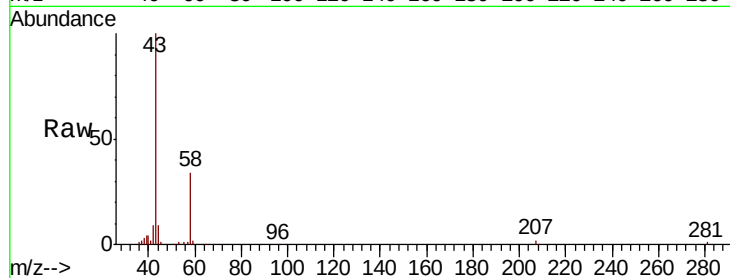
JTY-SB-01-60-62

Tgt Ion: 43 Resp: 47233

Ion Ratio Lower Upper

43 100

58 34.4 26.8 40.2



#17

Carbon Disulfide

Concen: 2.741 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004585.D

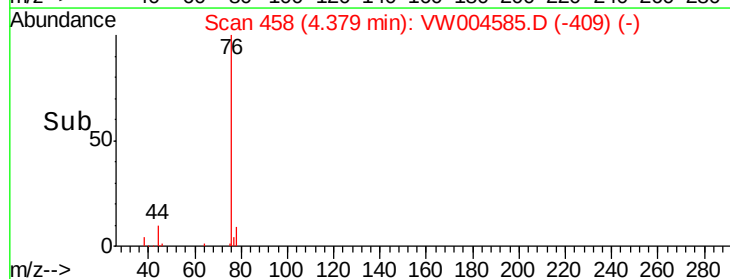
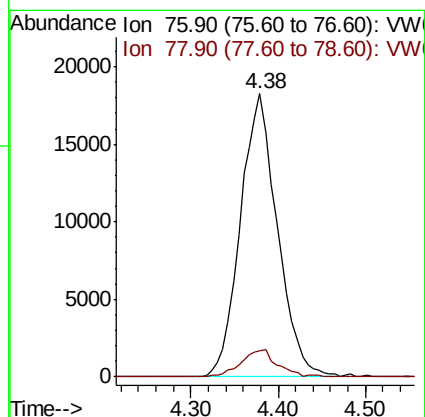
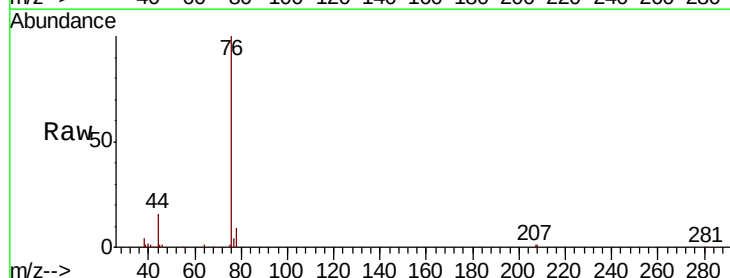
Acq: 10 Aug 2018 06:43

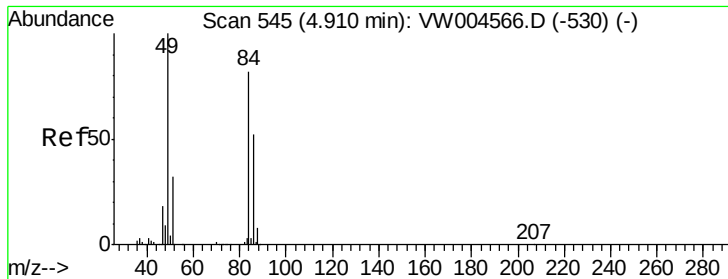
Tgt Ion: 76 Resp: 53574

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-60-62

Tgt Ion: 84 Resp: 58445

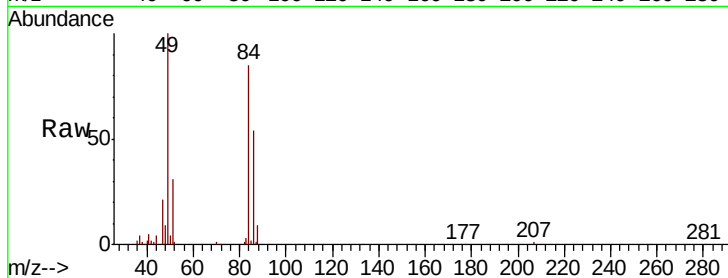
Ion Ratio Lower Upper

84 100

49 117.8 99.6 149.4

51 36.9 31.0 46.4

86 64.0 51.5 77.3



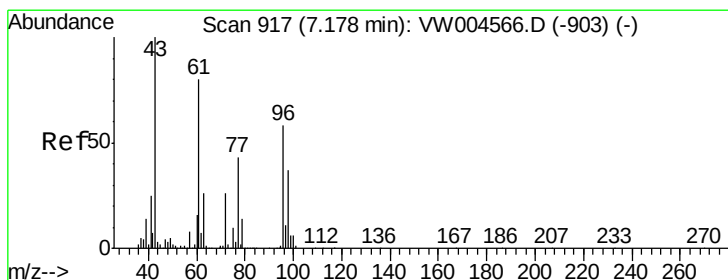
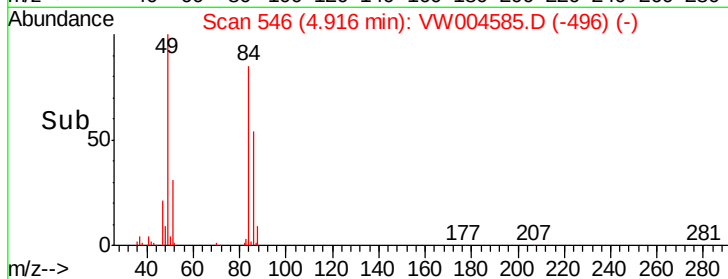
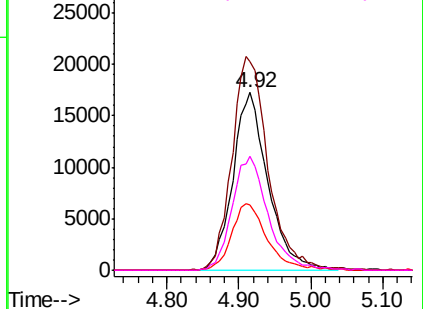
Abundance

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



#25

2-Butanone

Concen: 2.518 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW004585.D

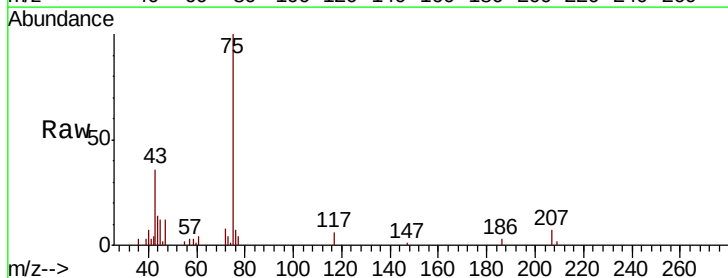
Acq: 10 Aug 2018 06:43

Tgt Ion: 43 Resp: 6208

Ion Ratio Lower Upper

43 100

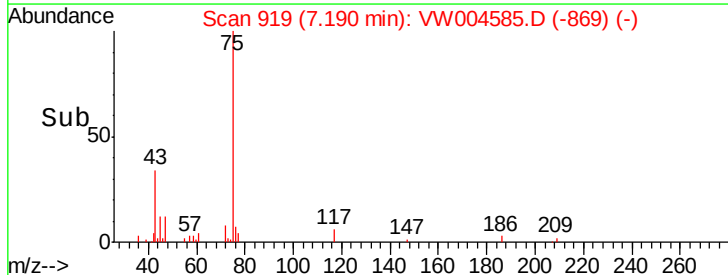
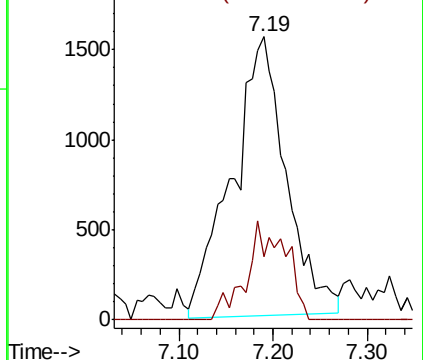
72 23.0 21.0 31.6

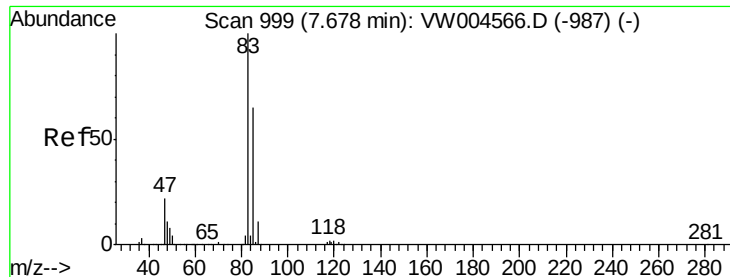


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

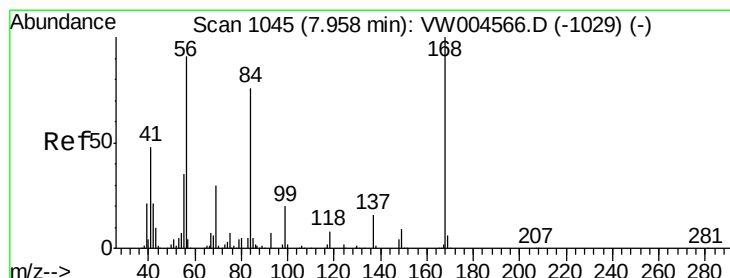
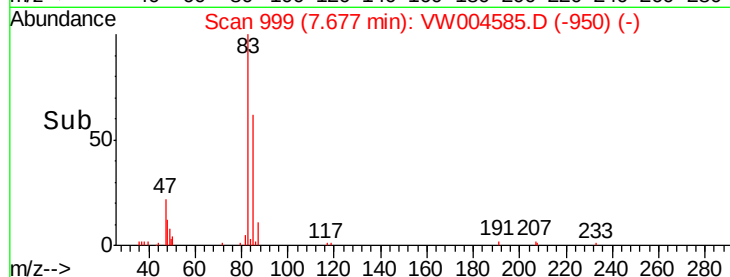
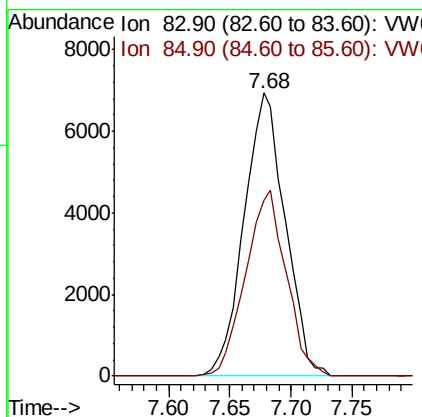
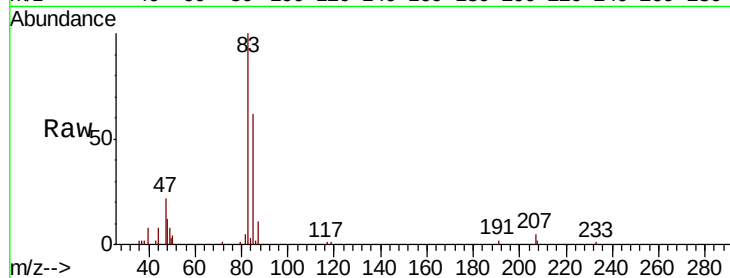




#30
Chloroform
Concen: 1.378 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004585.D
Acq: 10 Aug 2018 06:43

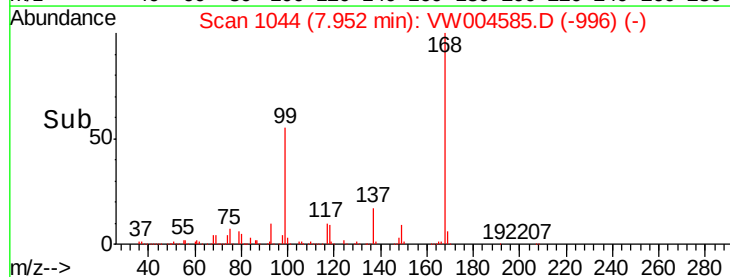
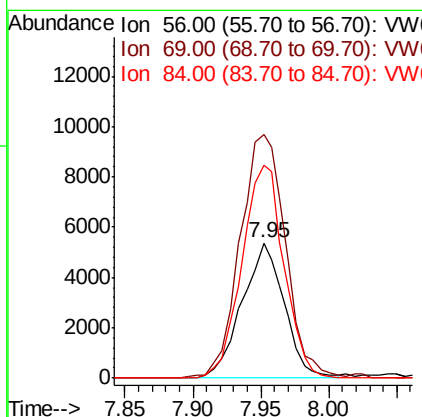
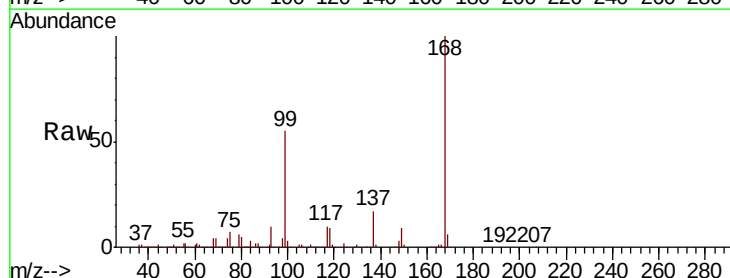
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-60-62

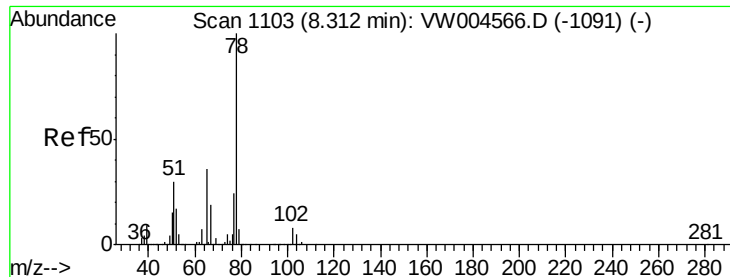
Tgt Ion: 83 Resp: 16268
Ion Ratio Lower Upper
83 100
85 62.1 51.3 76.9



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004585.D
Acq: 10 Aug 2018 06:43

Tgt Ion: 56 Resp: 11685
Ion Ratio Lower Upper
56 100
69 179.4 26.4 39.6#
84 157.8 66.9 100.3#

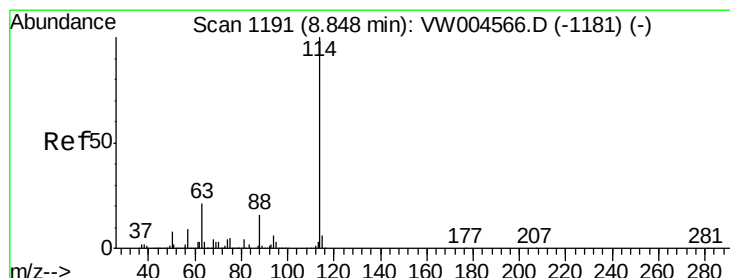
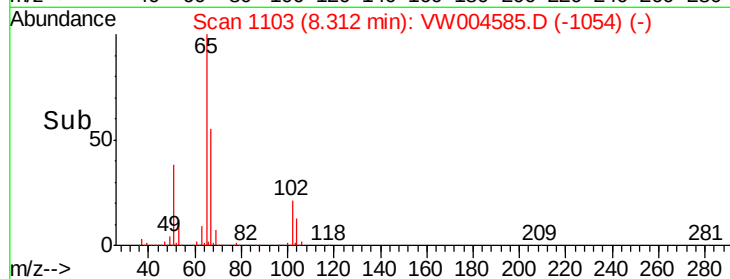
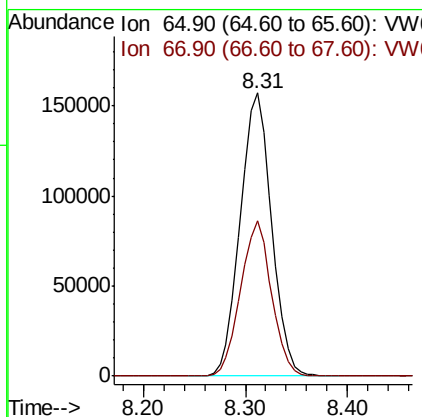
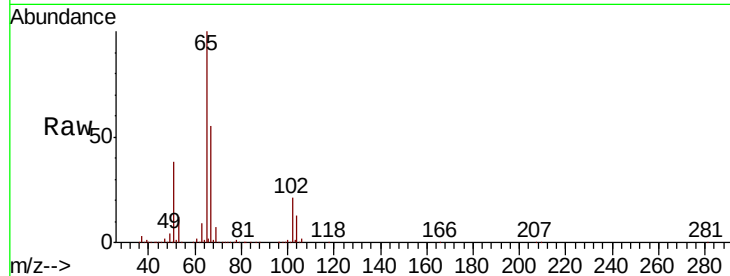




#33
 1,2-Dichloroethane-d4
 Concen: 54.851 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004585.D
 Acq: 10 Aug 2018 06:43

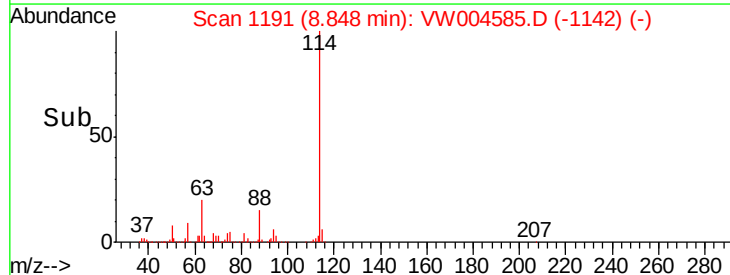
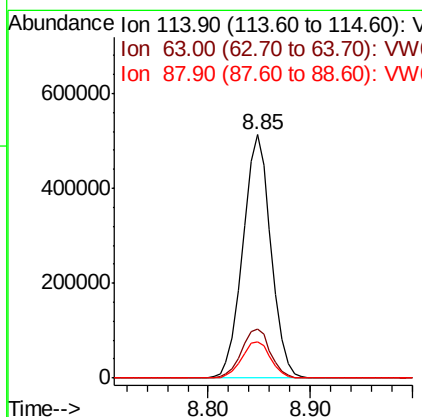
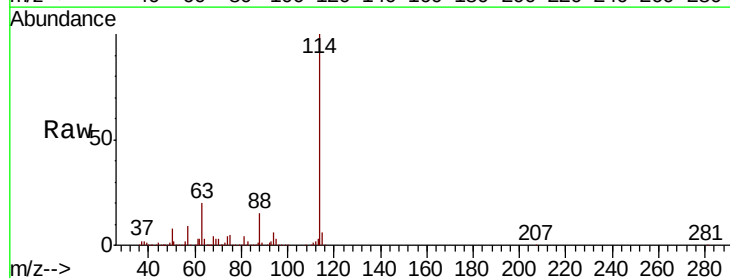
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-60-62

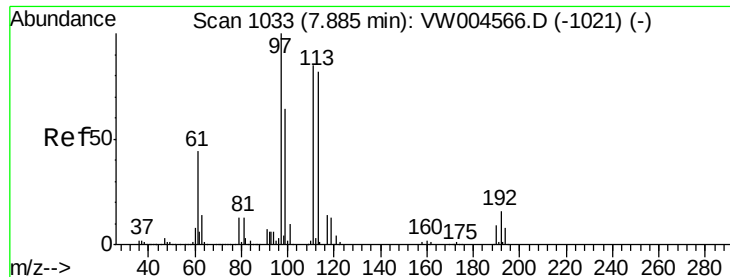
Tgt Ion: 65 Resp: 336689
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004585.D
 Acq: 10 Aug 2018 06:43

Tgt Ion: 114 Resp: 977653
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 14.9 0.0 31.2

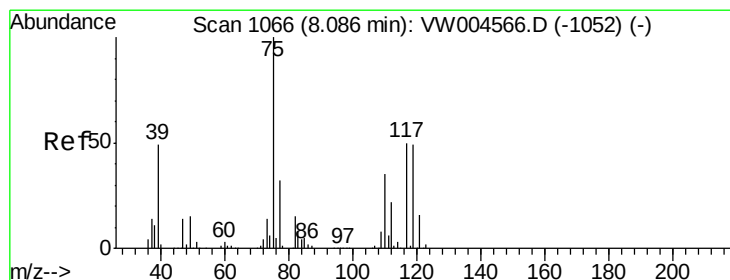
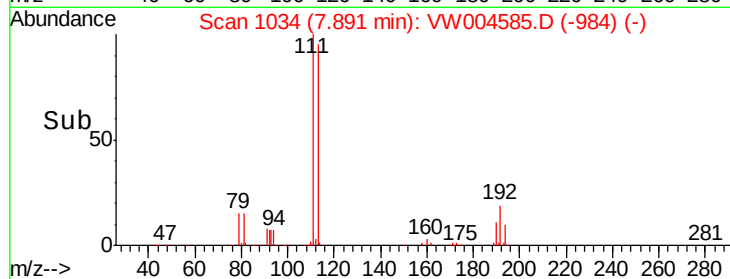
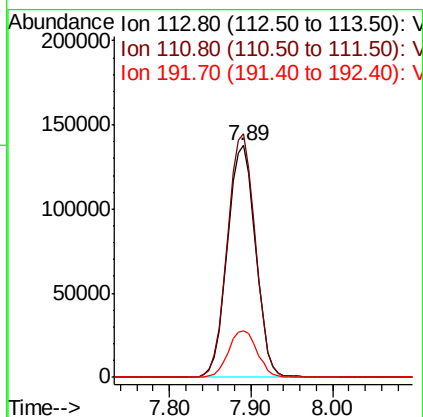
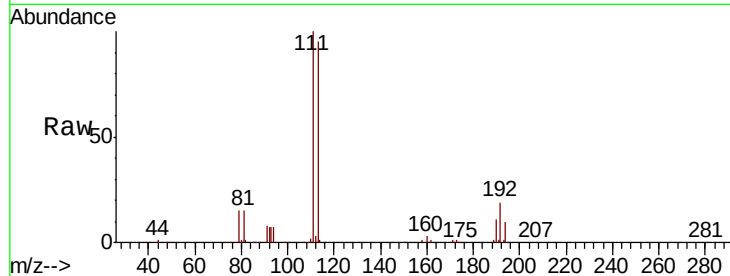




#35
 Dibromofluoromethane
 Concen: 50.280 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004585.D
 Acq: 10 Aug 2018 06:43

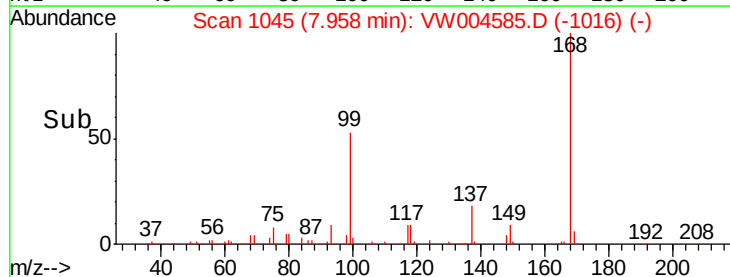
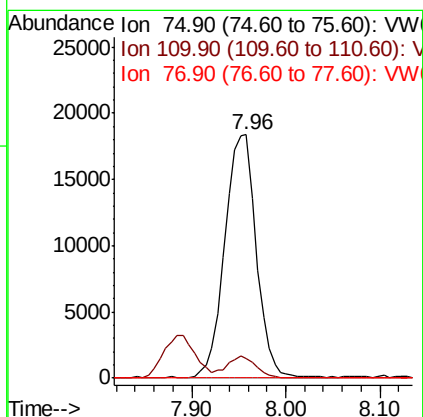
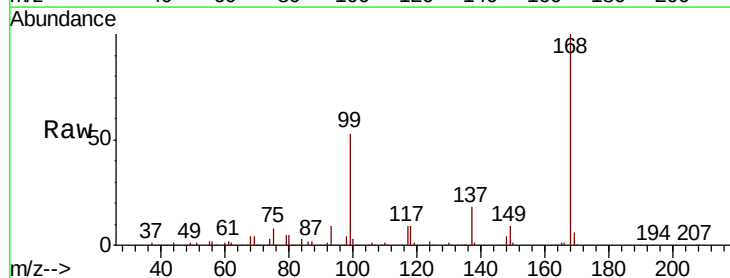
Instrument :
 MSVOA_W
 ClientSampleId :
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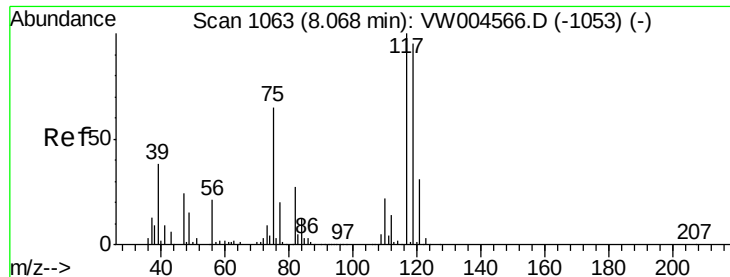
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	20.6	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.069 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW004585.D
 Acq: 10 Aug 2018 06:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.539 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-60-62

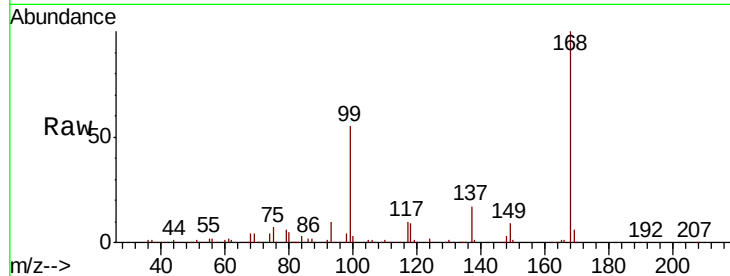
Tgt Ion:117 Resp: 52468

Ion Ratio Lower Upper

117 100

119 6.3 76.1 114.1#

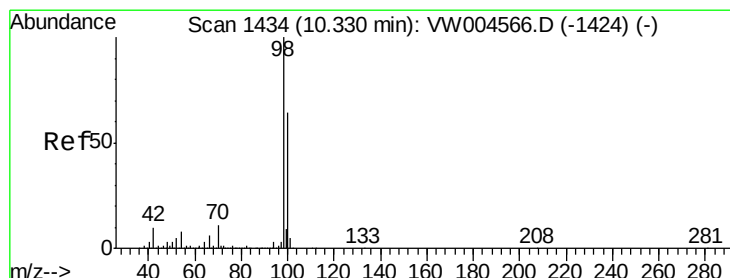
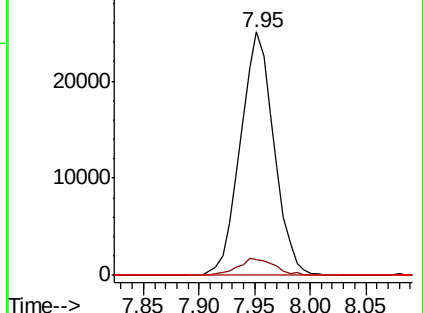
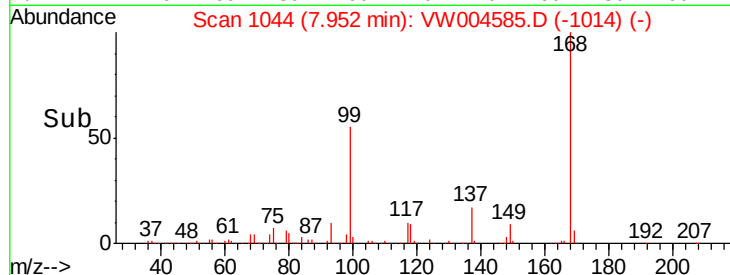
121 0.0 24.2 36.4#



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: 44.084 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004585.D

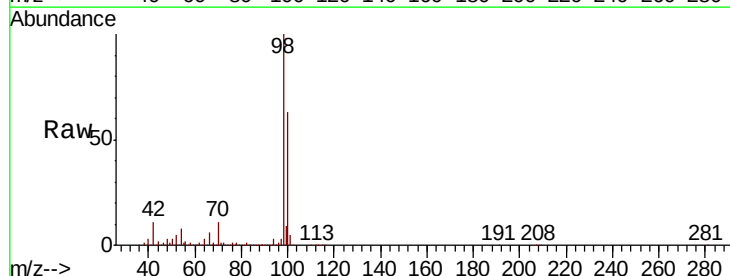
Acq: 10 Aug 2018 06:43

Tgt Ion: 98 Resp: 1095550

Ion Ratio Lower Upper

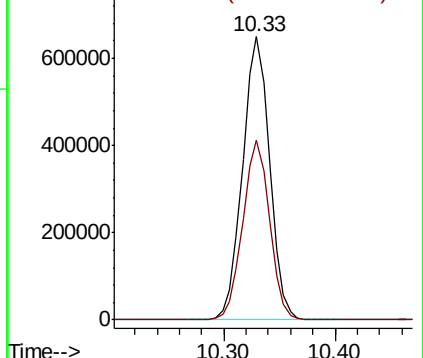
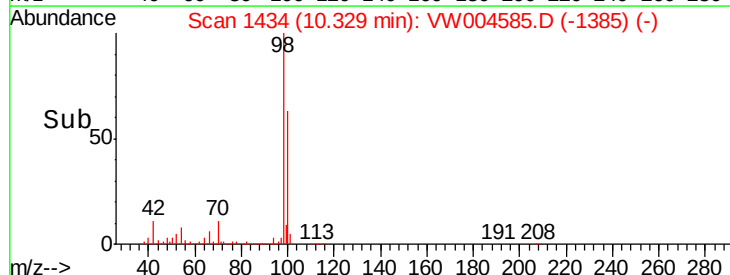
98 100

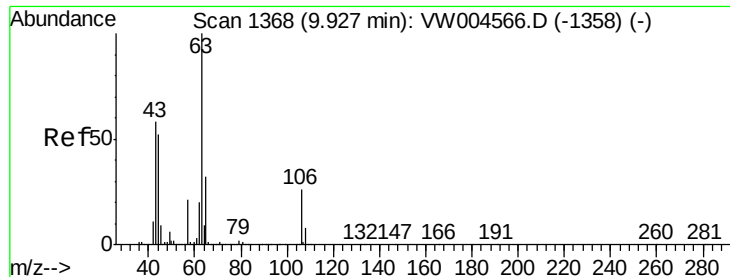
100 63.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

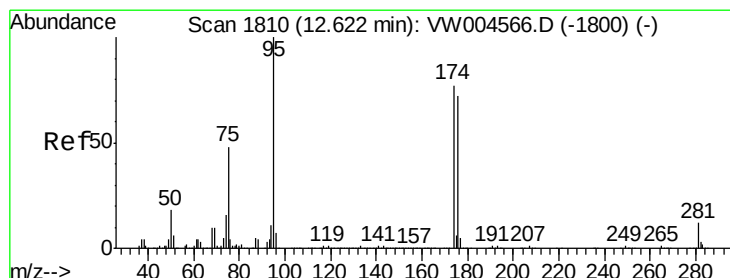
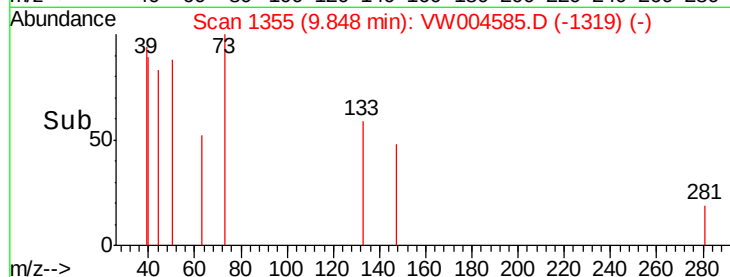
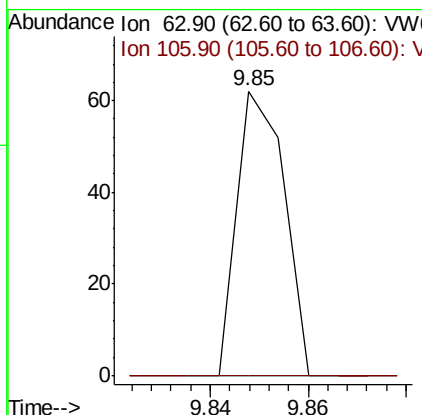
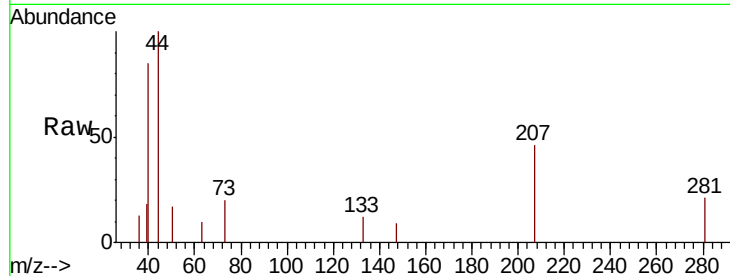




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.955 ug/l
 RT: 9.85 min Scan# 1355
 Delta R.T. -0.08 min
 Lab File: VW004585.D
 Acq: 10 Aug 2018 06:43

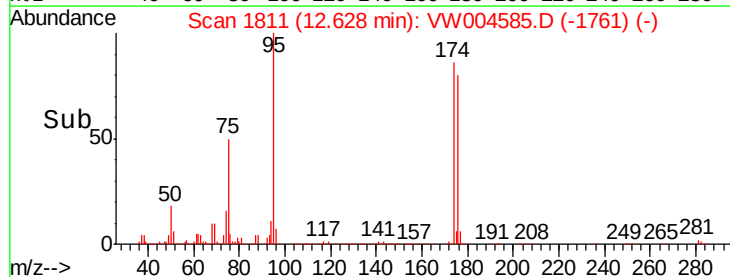
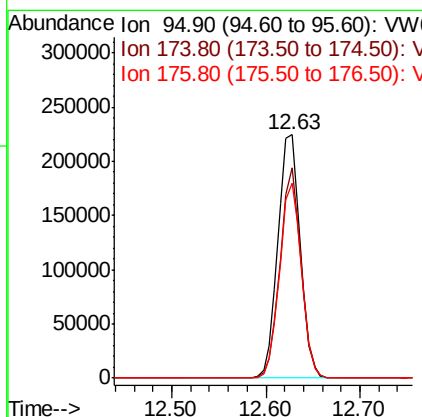
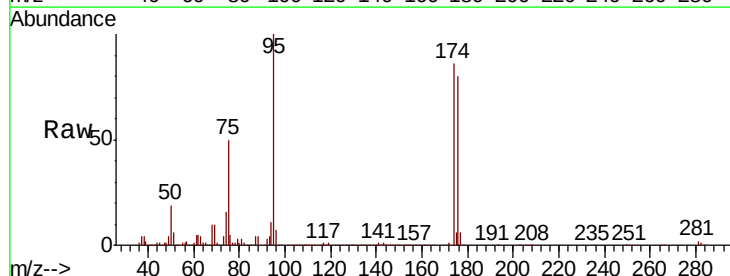
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-60-62

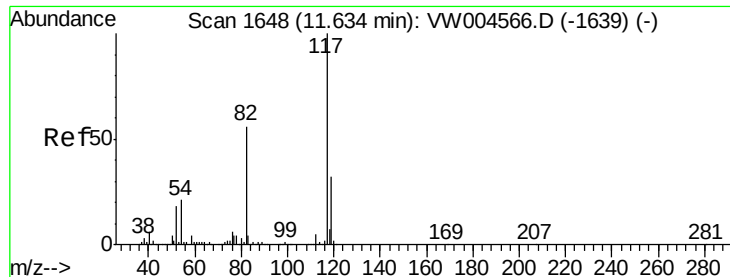
Tgt Ion: 63 Resp: 42
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 41.368 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004585.D
 Acq: 10 Aug 2018 06:43

Tgt Ion: 95 Resp: 370324
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 160.4
 176 78.1 0.0 153.2

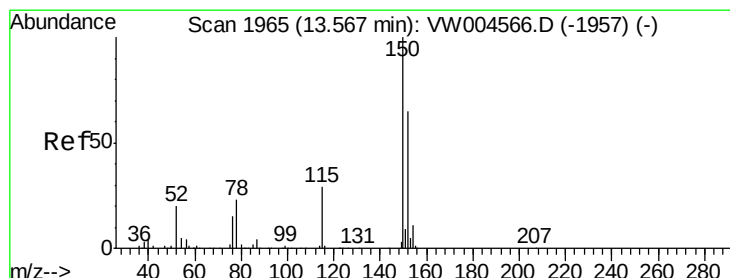
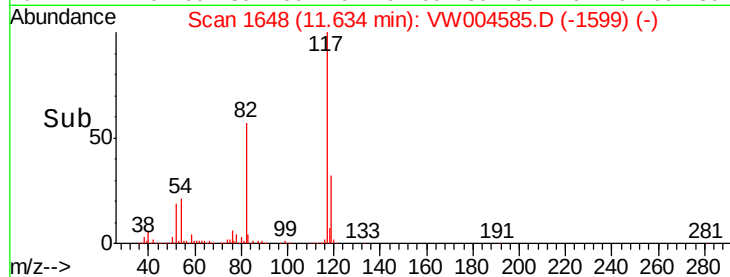
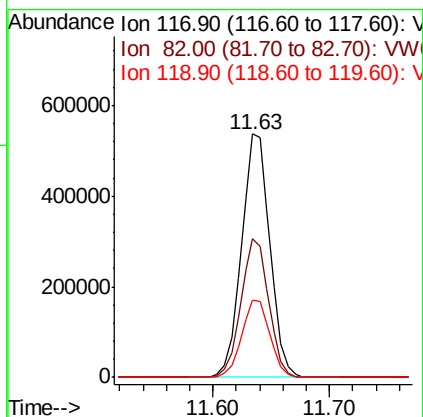
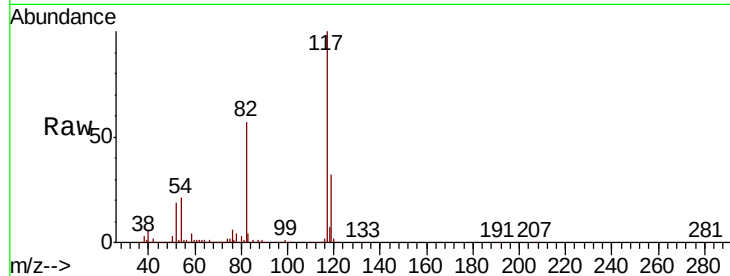




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004585.D
Acq: 10 Aug 2018 06:43

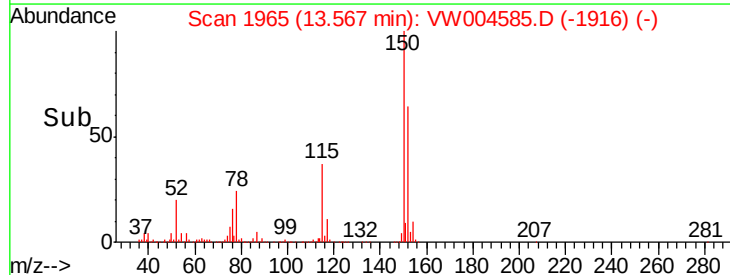
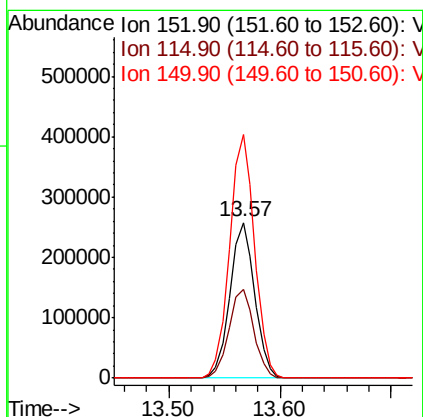
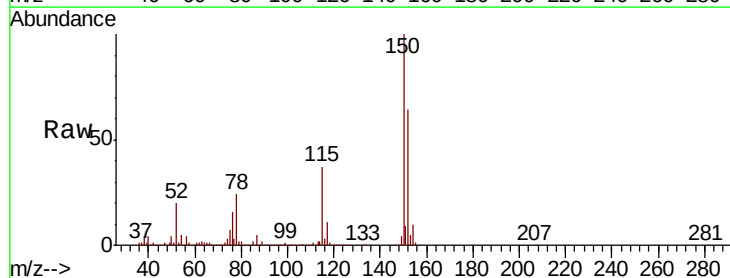
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-60-62

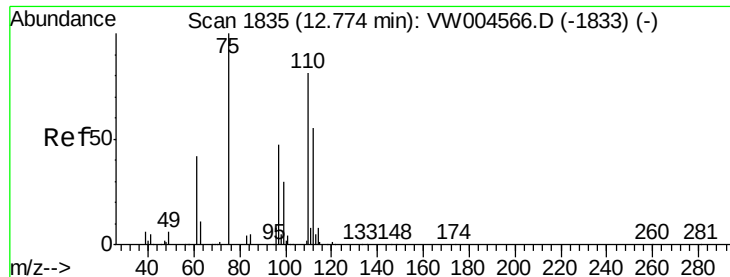
Tgt Ion:117 Resp: 906445
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004585.D
Acq: 10 Aug 2018 06:43

Tgt Ion:152 Resp: 395286
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 157.3 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 44.078 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

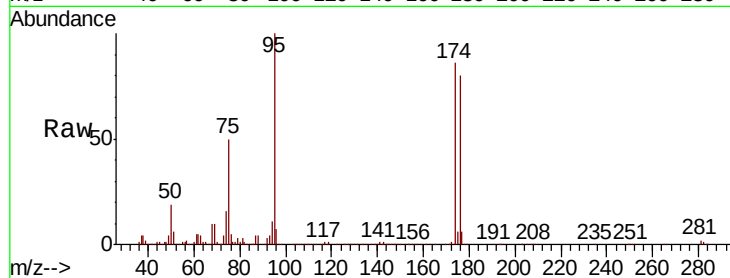
JTY-SB-01-60-62

Tgt Ion: 75 Resp: 180292

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.63

100000

80000

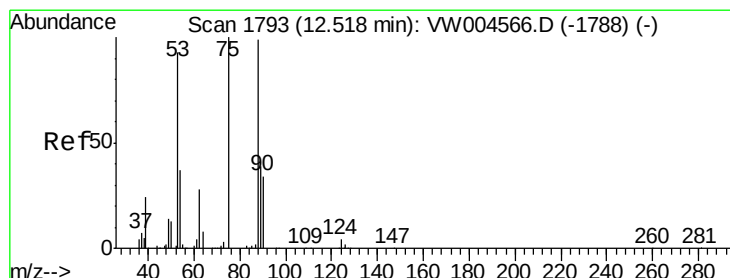
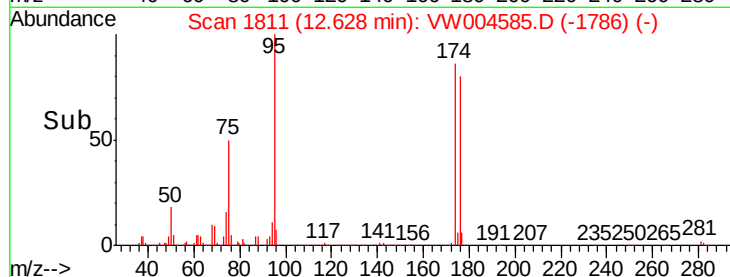
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 105.516 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

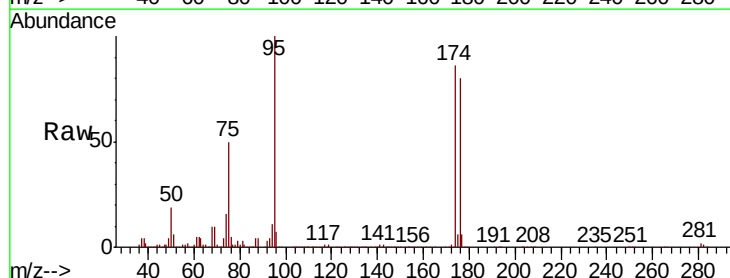
Tgt Ion: 75 Resp: 180292

Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#



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

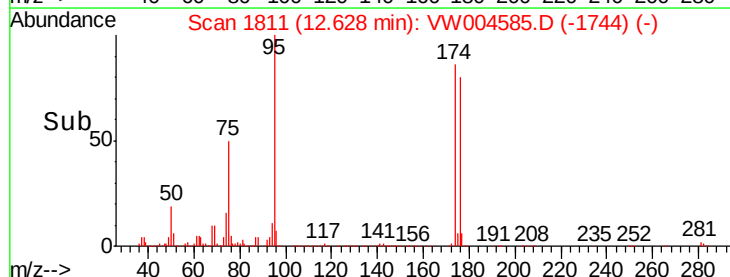
150000

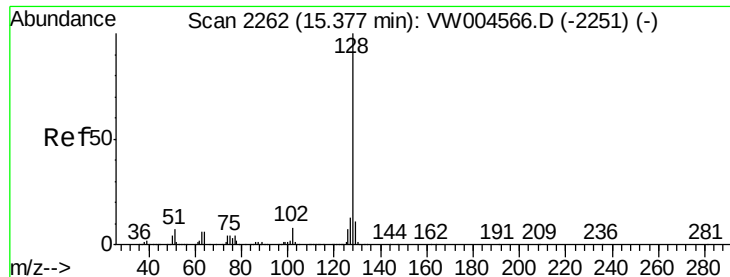
100000

50000

0

Time-->





#95

Naphthalene

Concen: 3.059 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004585.D

Acq: 10 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-60-62

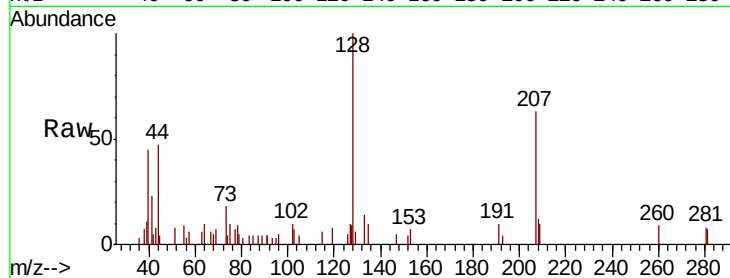
Tgt Ion:128 Resp: 2702

Ion Ratio Lower Upper

128 100

127 17.5 10.3 15.5#

129 2.5 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

