

Data File : VW008977.D
Acq On : 04 Mar 2019 23:17
Operator : SY/VA
Sample : K1688-09
Misc : 6.30G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

Quant Time: Mar 05 06:32:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	514594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	185342	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	
35) Dibromofluoromethane	7.88	113	156582	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.32	98	619090	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.62	95	215888	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	

Target Compounds

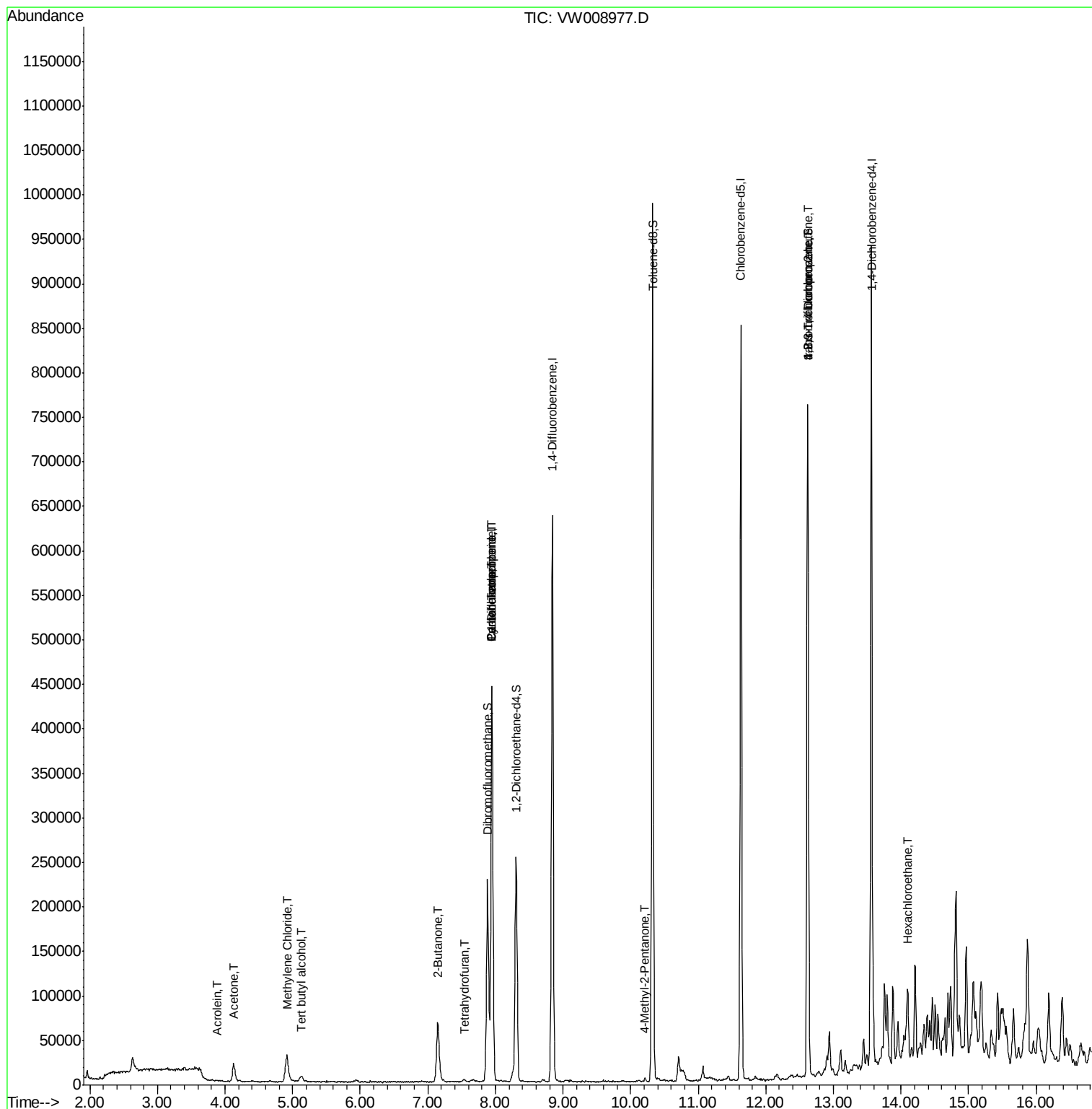
						Qvalue
11) Tert butyl alcohol	5.13	59	6212	22.455	ug/l #	73
13) Acrolein	3.88	56	131	20.193	ug/l #	48
16) Acetone	4.13	43	35020	48.621	ug/l	95
20) Methylene Chloride	4.92	84	22765	1.456	ug/l	86
25) 2-Butanone	7.15	43	2989	2.968	ug/l	96
29) Tetrahydrofuran	7.54	42	2076	3.235	ug/l	94
31) Cyclohexane	7.95	56	7815	1.334	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	26559	5.302	ug/l #	51
38) Carbon Tetrachloride	7.95	117	31057	5.879	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2903	1.230	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	116614	61.730	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	116614	150.071	ug/l #	6
90) Hexachloroethane	14.10	117	4152	1.632	ug/l #	9

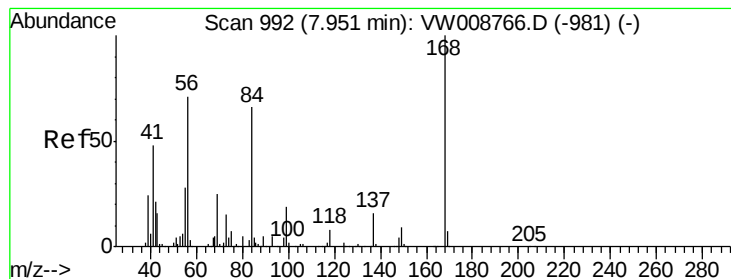
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

Instrument :

MSVOA_W

ClientSampleId :

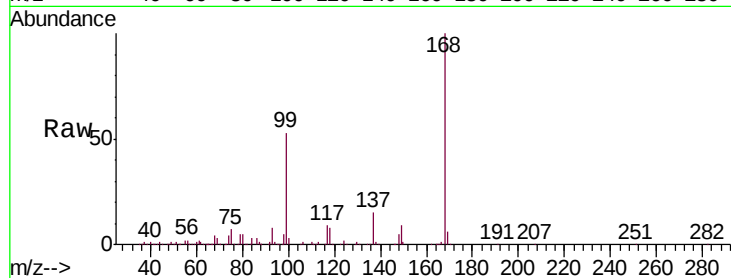
JC-03-030119-E

Tgt Ion:168 Resp: 331312

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

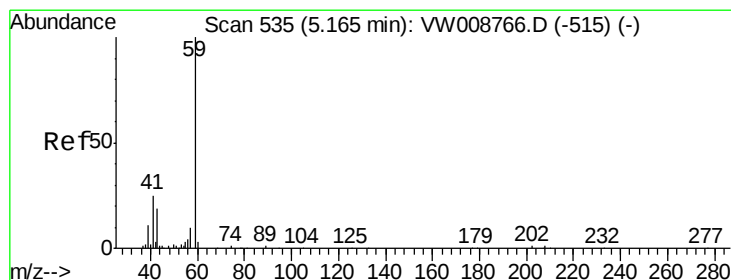
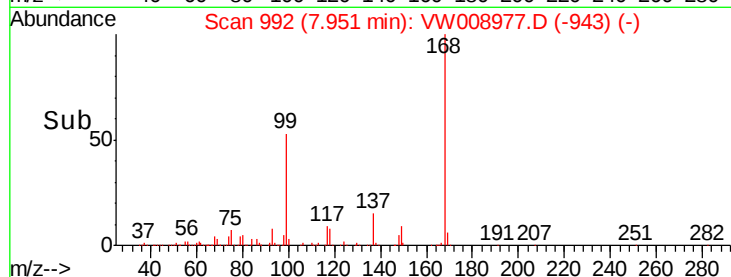
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 22.455 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW008977.D

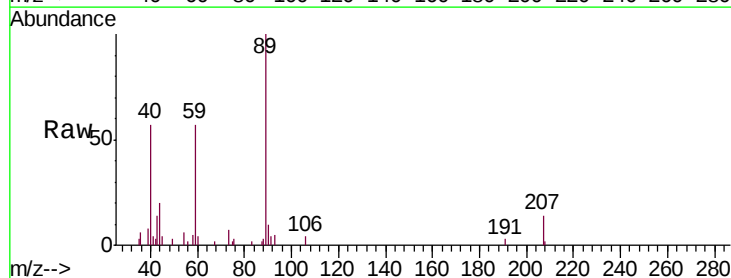
Acq: 04 Mar 2019 23:17

Tgt Ion: 59 Resp: 6212

Ion Ratio Lower Upper

59 100

57 1.1 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

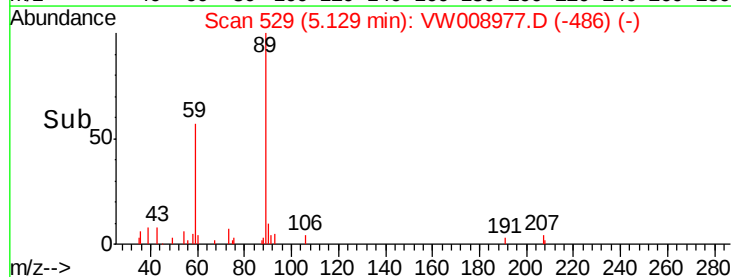
1500

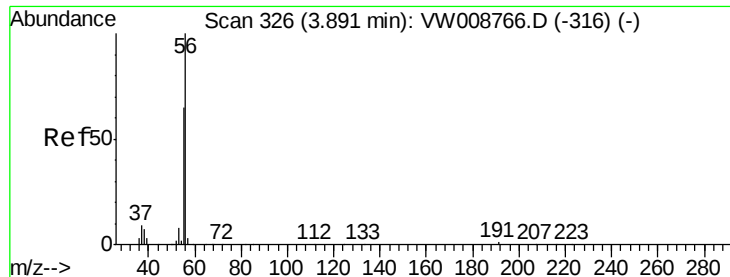
1000

500

0

Time-->





#13

Acrolein

Concen: 20.193 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

Instrument :

MSVOA_W

ClientSampleId :

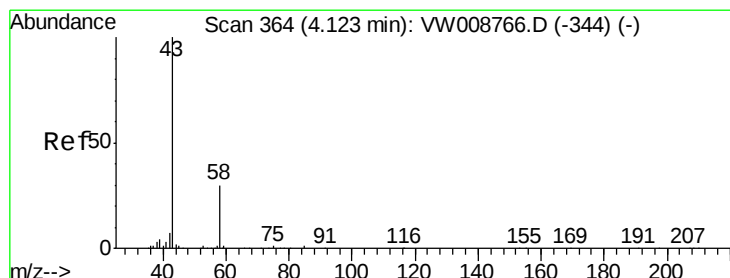
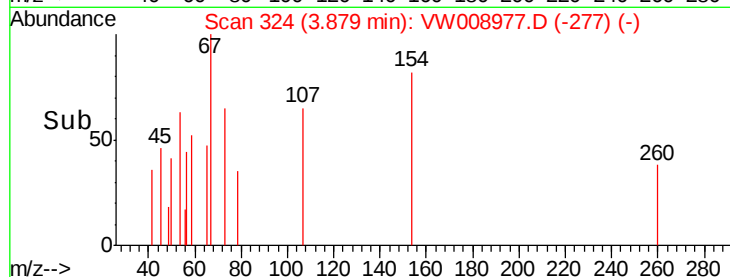
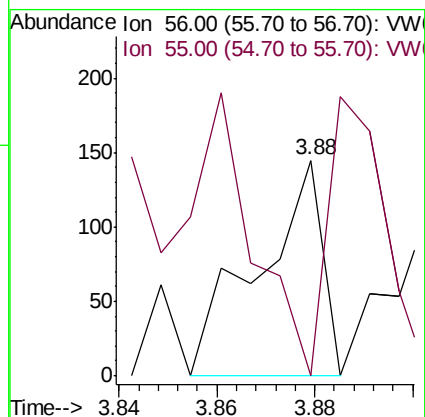
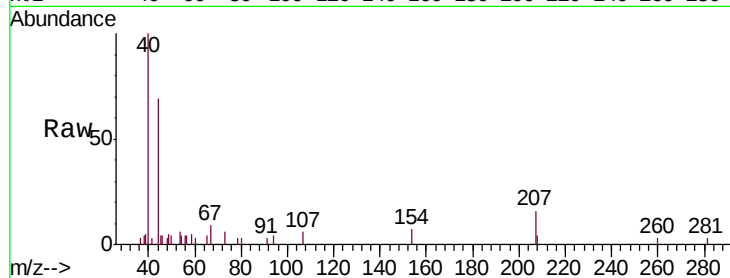
JC-03-030119-E

Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 114.5 56.9 85.3#



#16

Acetone

Concen: 48.621 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008977.D

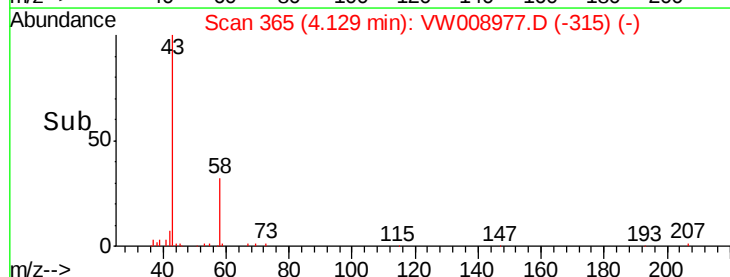
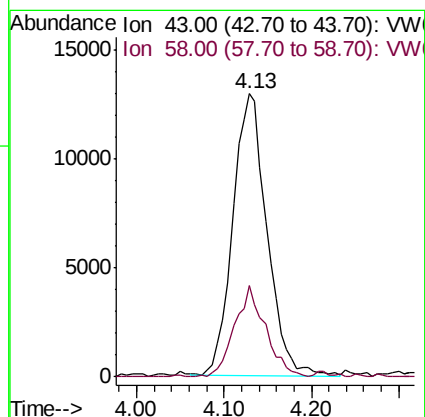
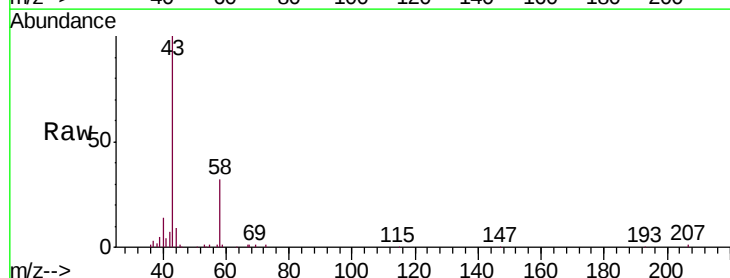
Acq: 04 Mar 2019 23:17

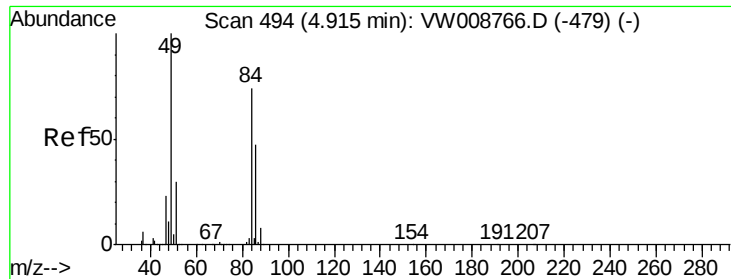
Tgt Ion: 43 Resp: 35020

Ion Ratio Lower Upper

43 100

58 32.6 23.8 35.6

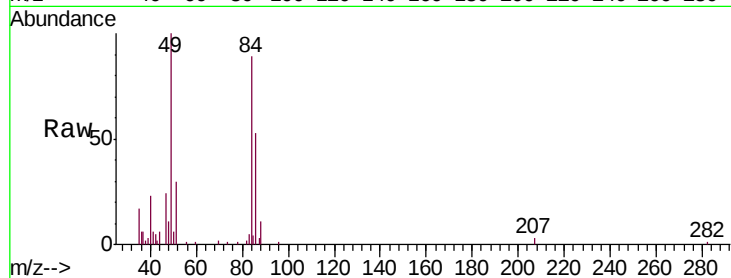




#20
Methylene Chloride
Concen: 1.456 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

Tgt Ion:	84	Resp:	22765
Ion	Ratio	Lower	Upper
84	100		
49	111.9	108.2	162.2
51	33.3	32.7	49.1
86	59.6	50.3	75.5



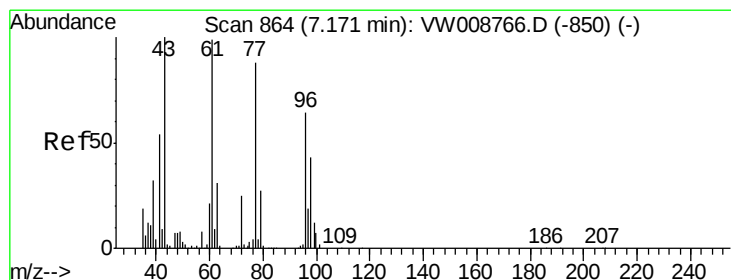
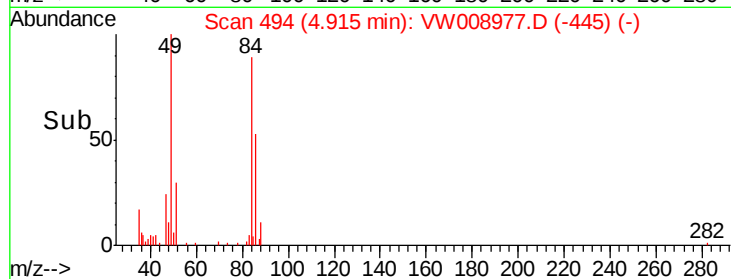
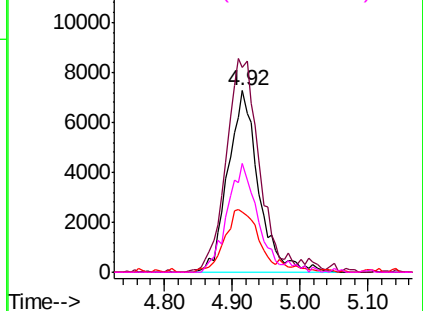
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

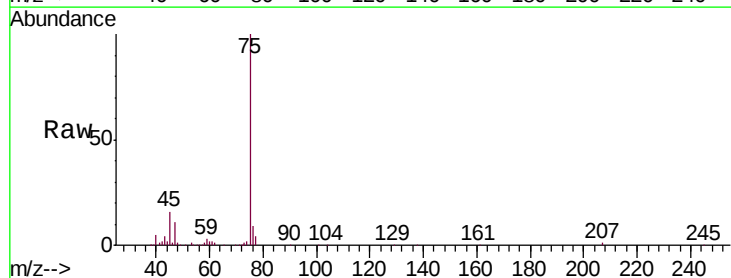
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.968 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

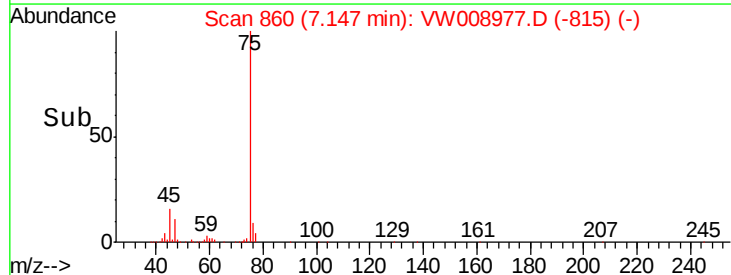
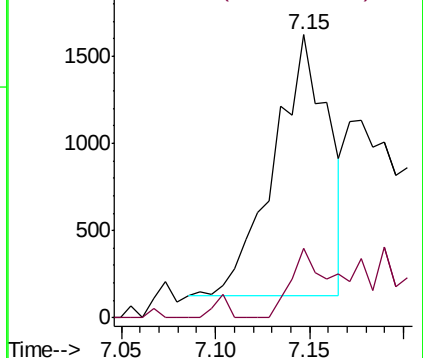
Tgt Ion:	43	Resp:	2989
Ion	Ratio	Lower	Upper
43	100		
72	26.5	19.7	29.5

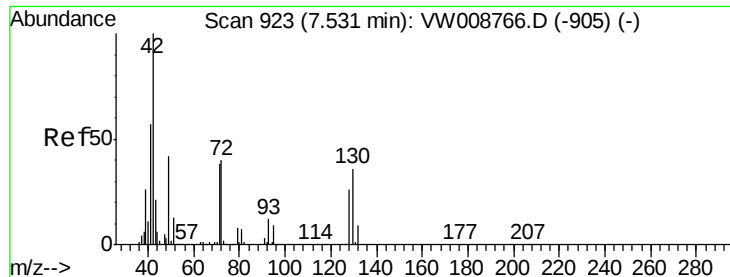


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

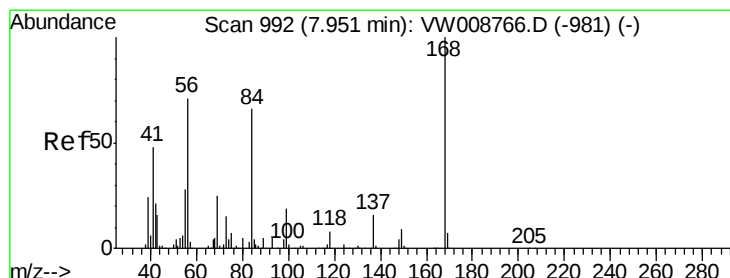
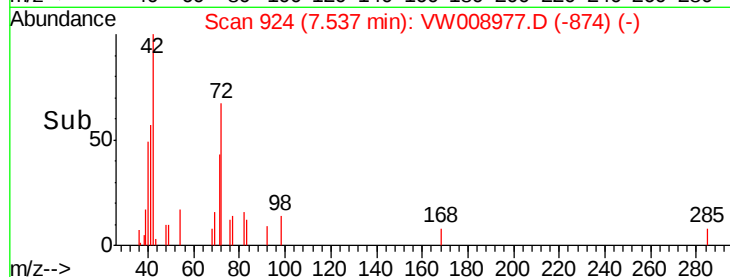
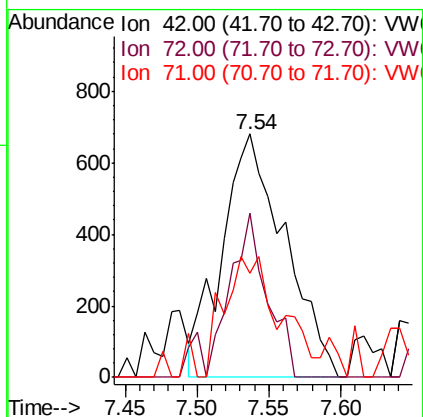
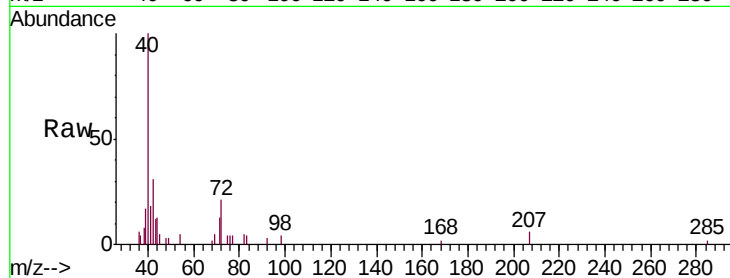




#29
Tetrahydrofuran
Concen: 3.235 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

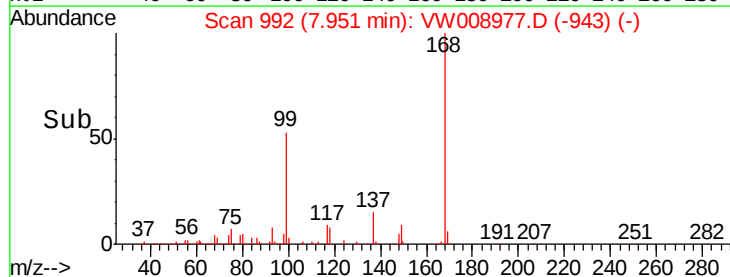
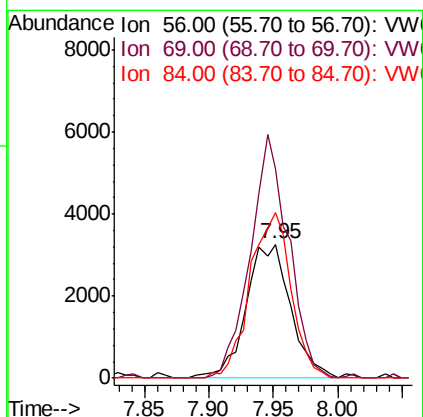
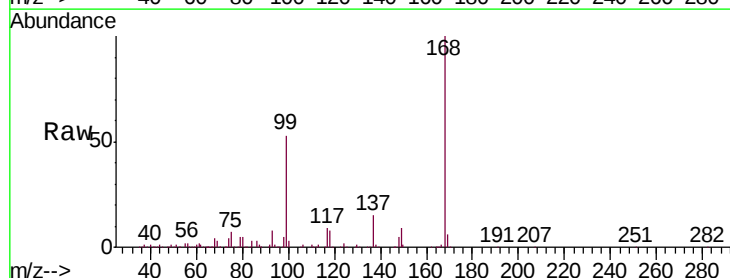
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

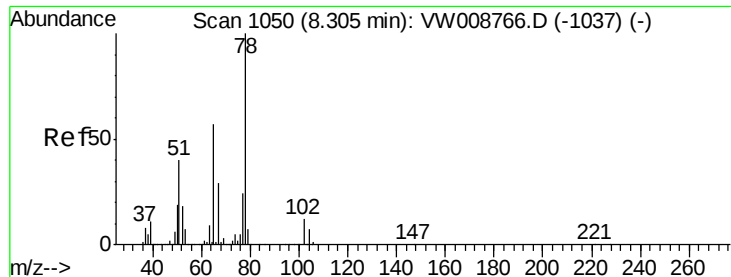
Tgt Ion: 42 Resp: 2076
Ion Ratio Lower Upper
42 100
72 39.3 32.7 49.1
71 44.7 31.3 46.9



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion: 56 Resp: 7815
Ion Ratio Lower Upper
56 100
69 155.9 28.2 42.4#
84 123.1 74.1 111.1#

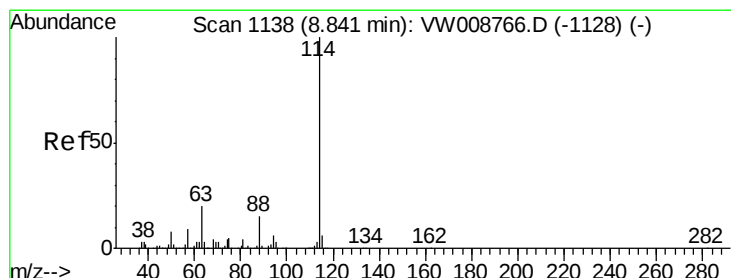
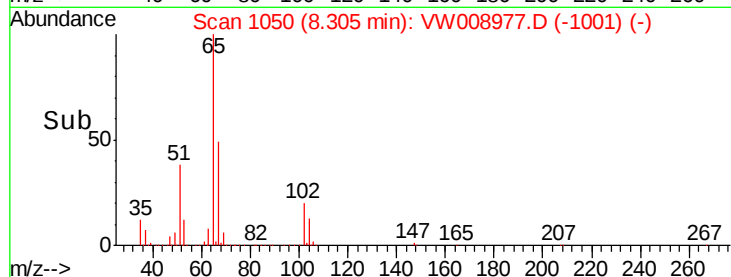
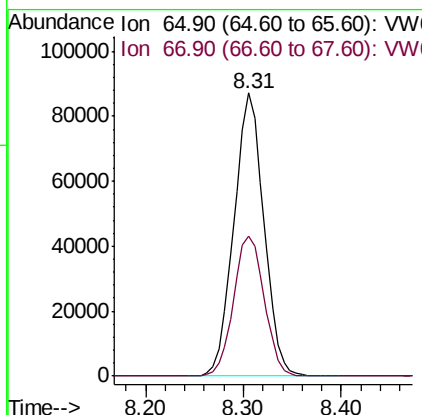
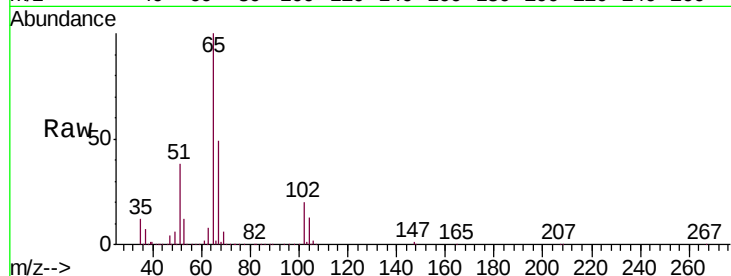




#33
 1,2-Dichloroethane-d4
 Concen: 59.645 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008977.D
 Acq: 04 Mar 2019 23:17

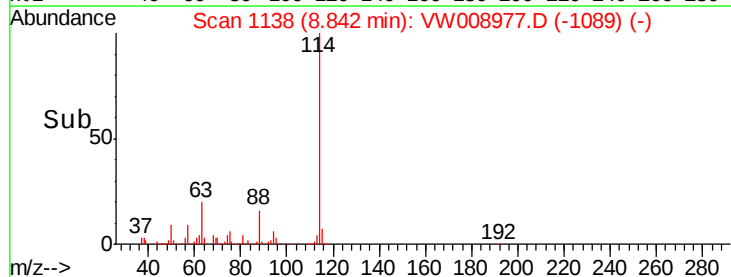
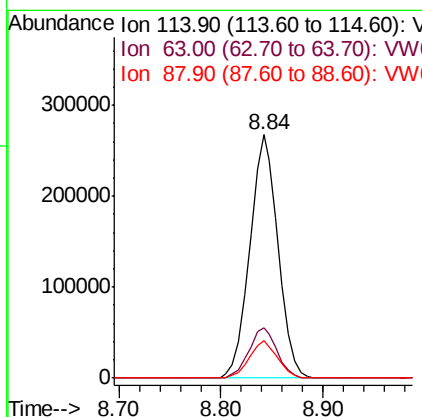
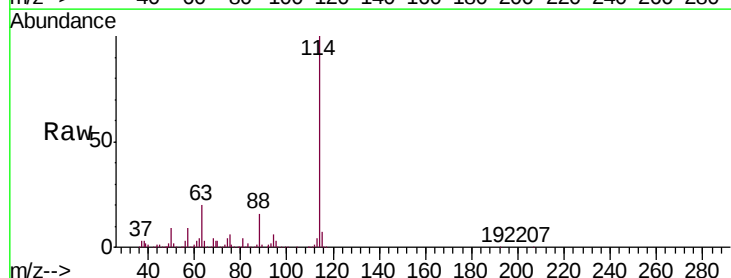
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-E

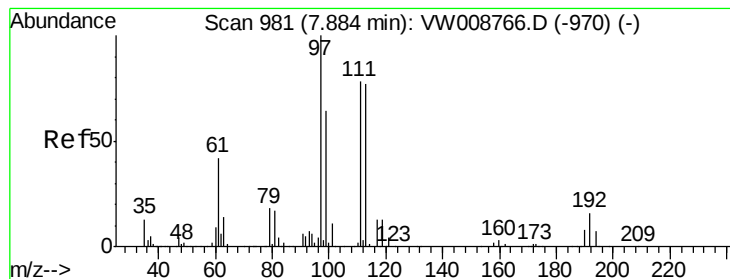
Tgt Ion: 65 Resp: 185342
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008977.D
 Acq: 04 Mar 2019 23:17

Tgt Ion: 114 Resp: 514594
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.679 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-E

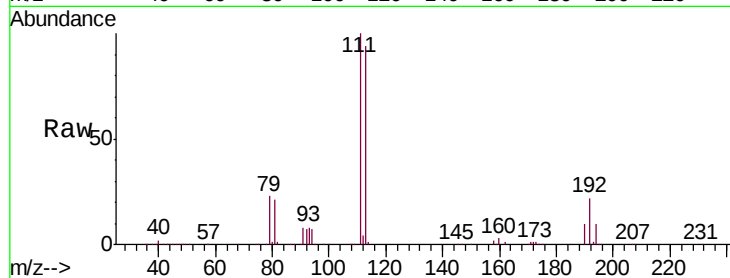
Tgt Ion:113 Resp: 156582

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

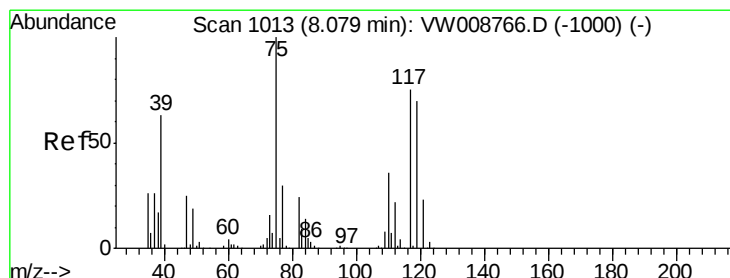
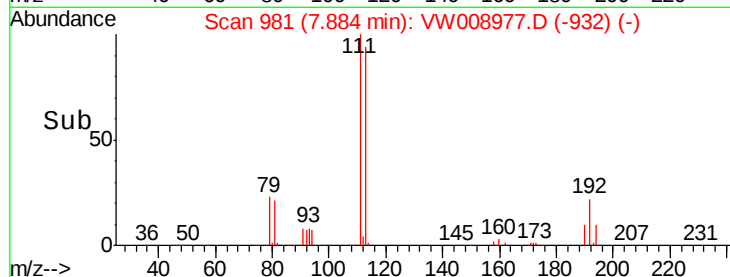
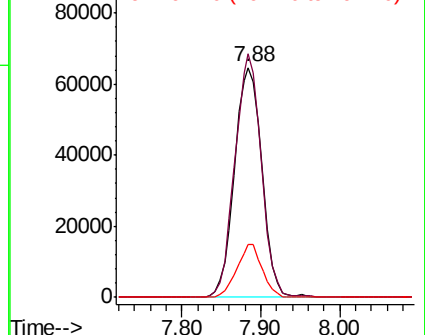
192 21.3 17.1 25.7



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: 5.302 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

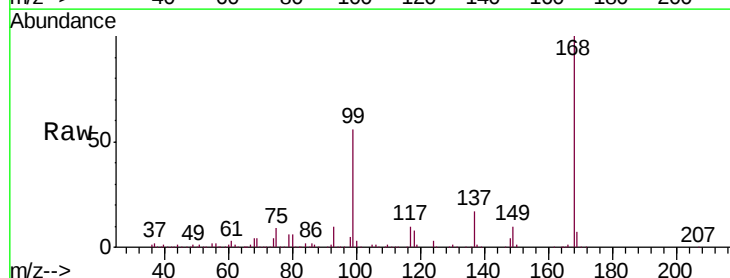
Tgt Ion: 75 Resp: 26559

Ion Ratio Lower Upper

75 100

110 9.9 17.5 52.6#

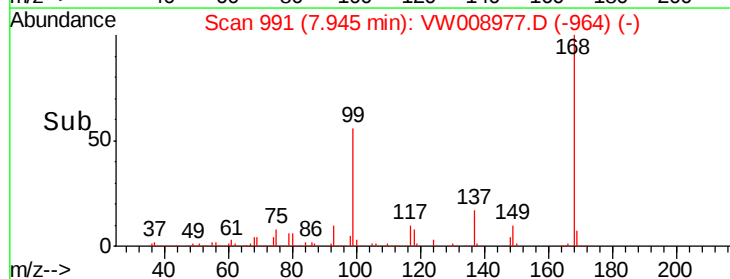
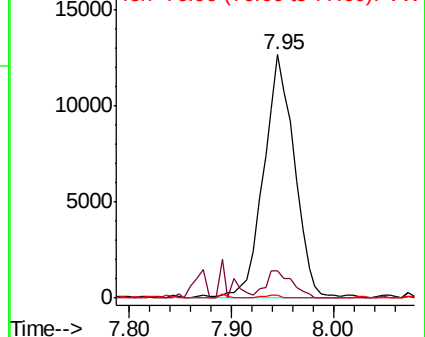
77 0.7 24.5 36.7#

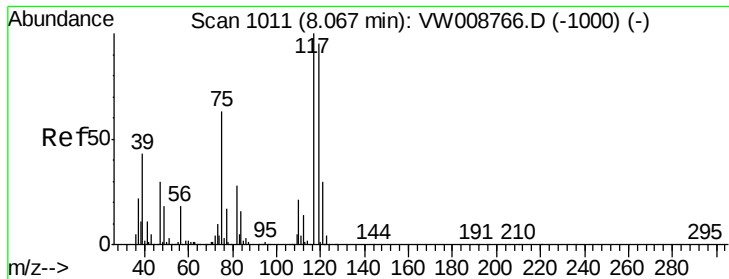


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

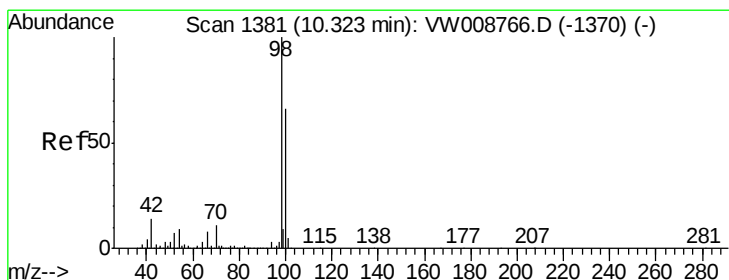
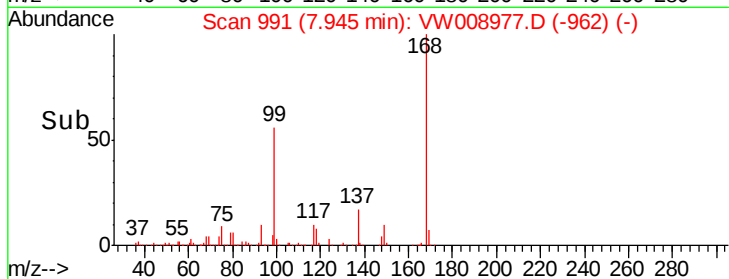
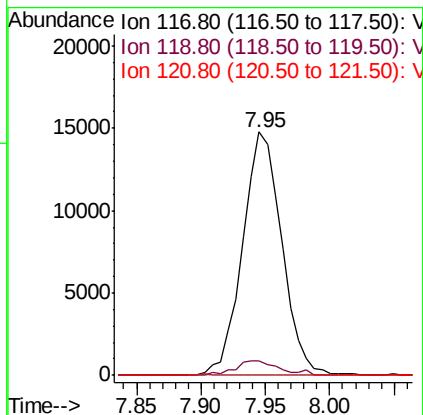
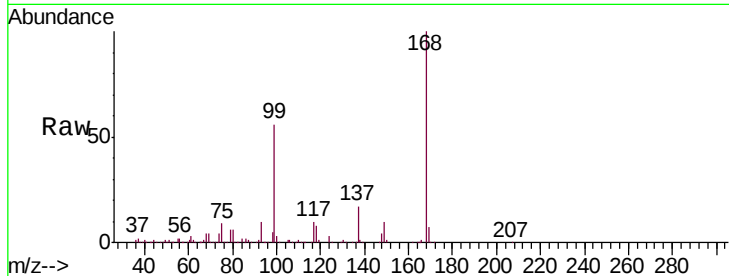




#38
Carbon Tetrachloride
Concen: 5.879 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

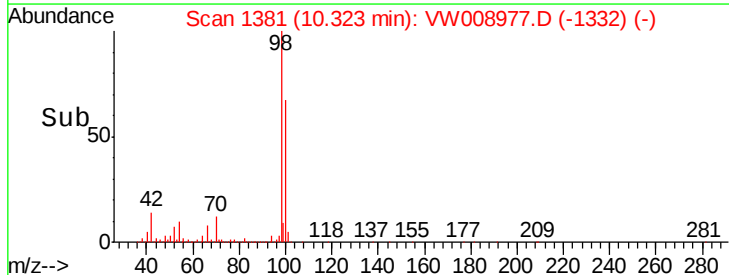
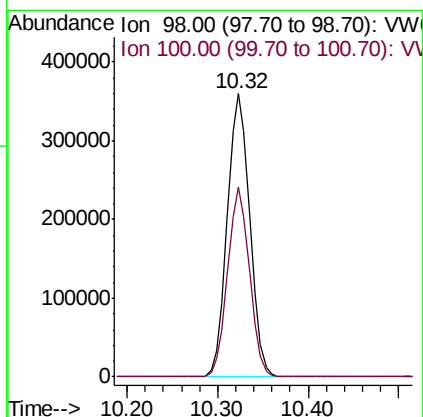
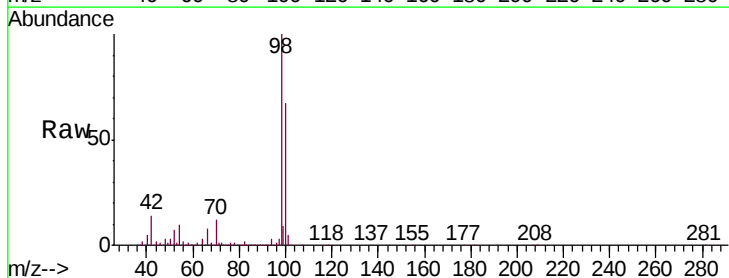
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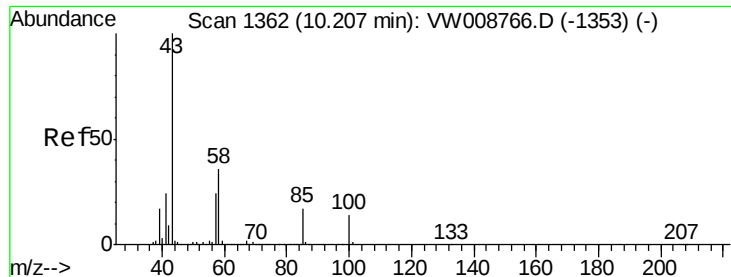
Tgt Ion: 117 Resp: 31057
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.906 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion: 98 Resp: 619090
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

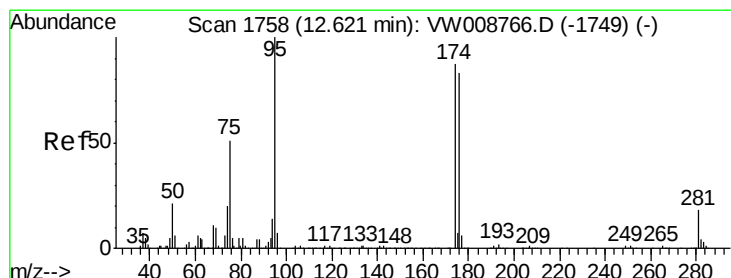
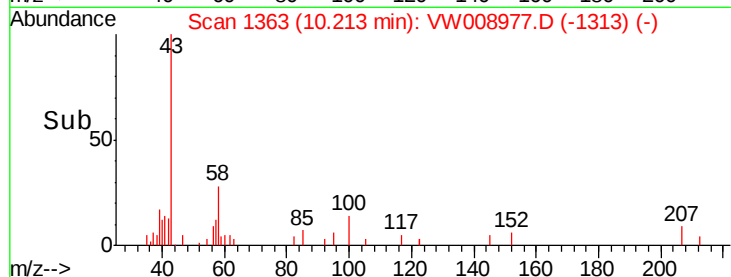
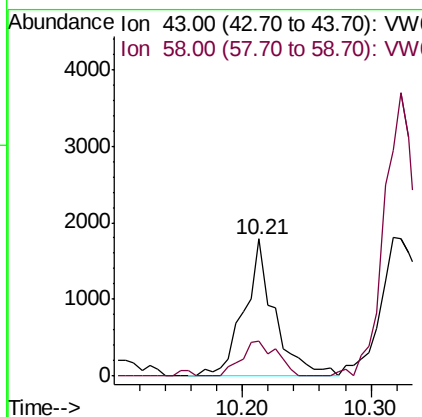
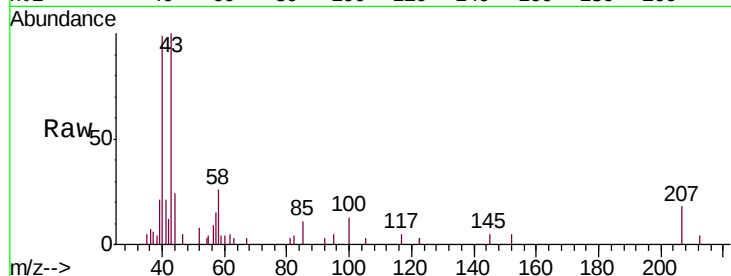




#51
4-Methyl-2-Pentanone
Concen: 1.230 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

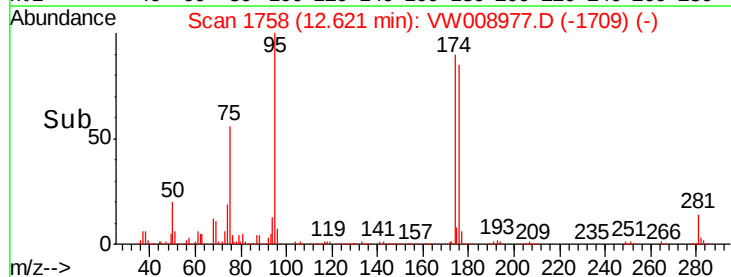
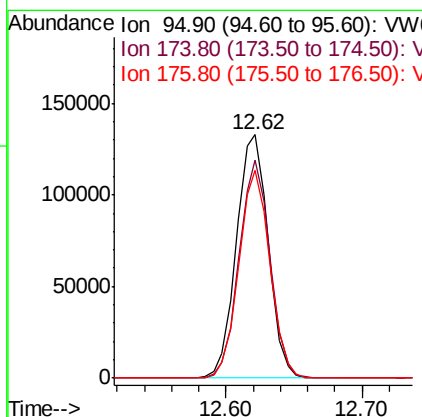
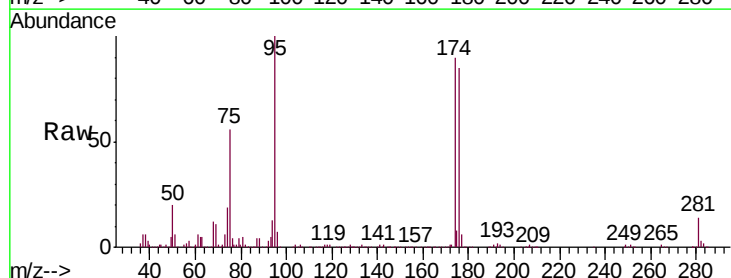
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

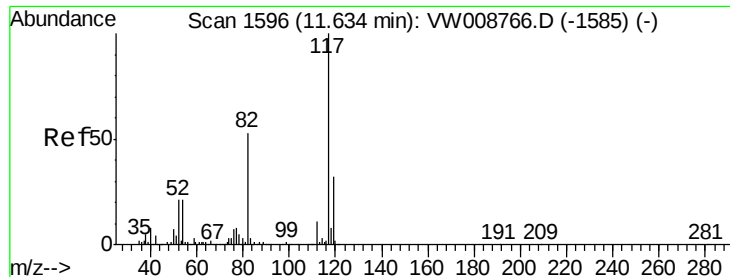
Tgt Ion: 43 Resp: 2903
Ion Ratio Lower Upper
43 100
58 30.0 29.1 43.7



#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion: 95 Resp: 215888
Ion Ratio Lower Upper
95 100
174 87.3 0.0 169.2
176 83.4 0.0 163.6

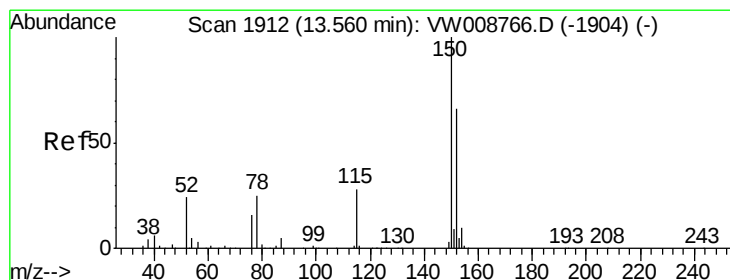
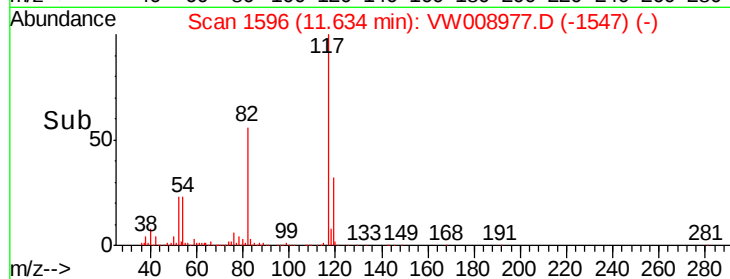
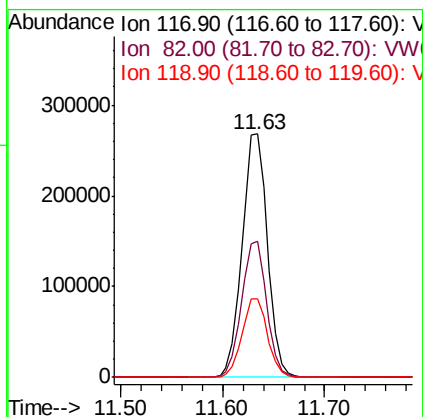
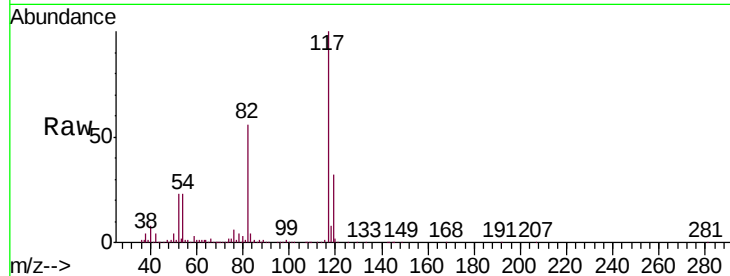




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

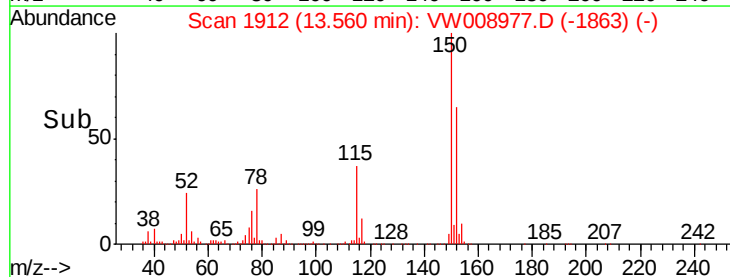
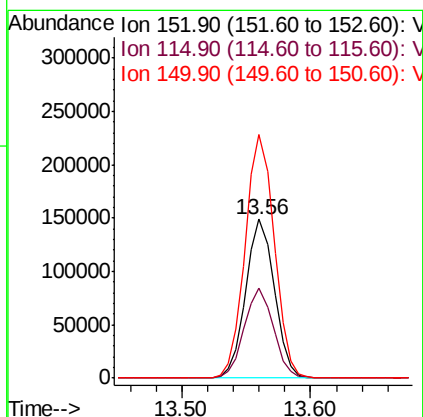
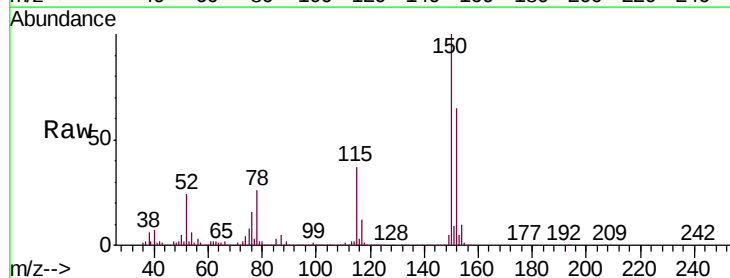
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

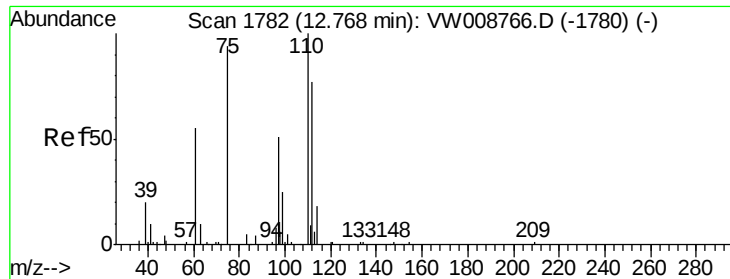
Tgt Ion:117 Resp: 461610
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion:152 Resp: 228805
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.8
150 155.4 0.0 348.0

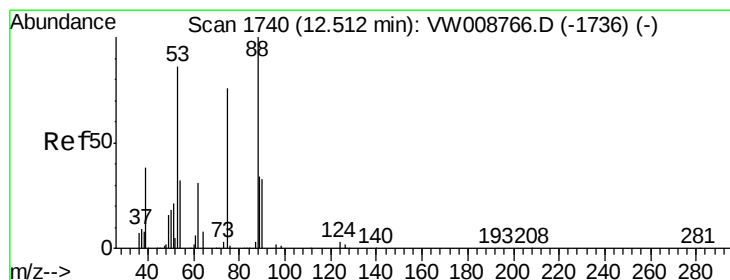
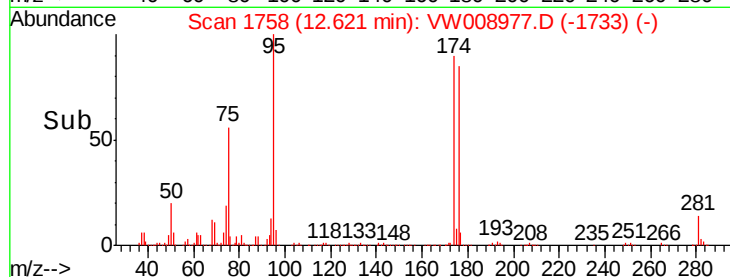
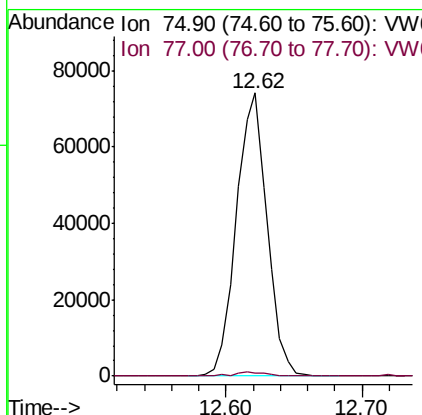
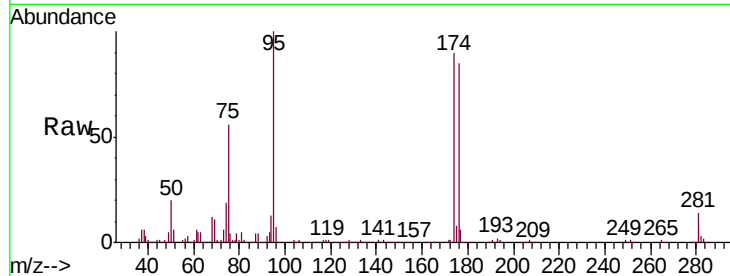




#76
 1,2,3-Trichloropropane
 Concen: 61.730 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008977.D
 Acq: 04 Mar 2019 23:17

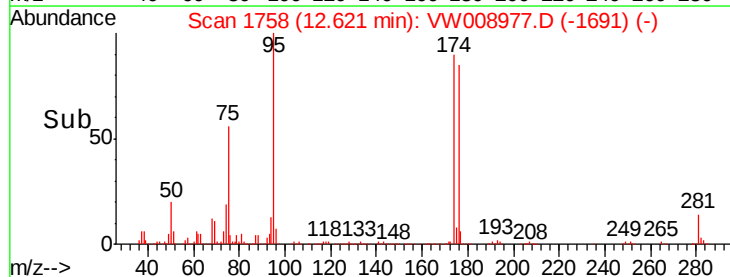
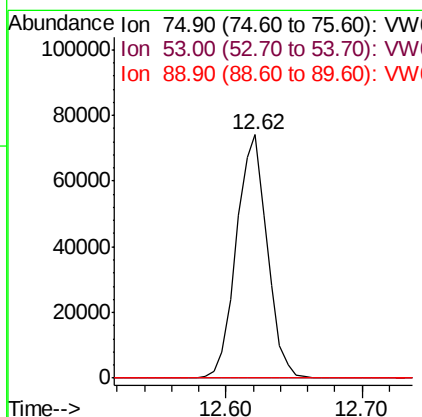
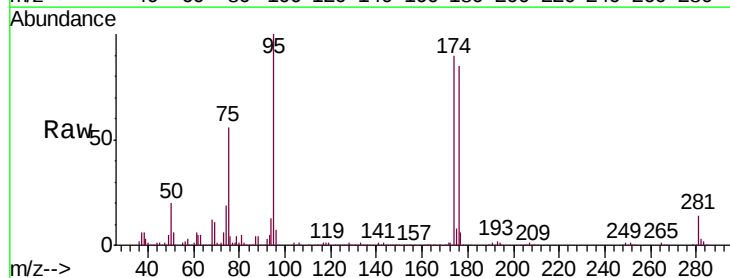
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-E

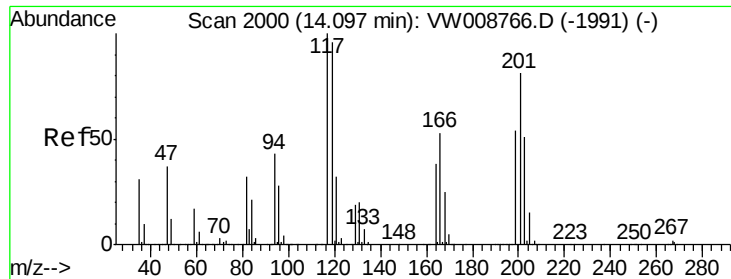
Tgt Ion: 75 Resp: 116614
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.071 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008977.D
 Acq: 04 Mar 2019 23:17

Tgt Ion: 75 Resp: 116614
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.2 132.2#
 89 0.1 39.5 59.3#





#90

Hexachloroethane

Concen: 1.632 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-E

Tgt Ion:117 Resp: 4152

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.8#

