

Data File : VW008524.D
Acq On : 06 Feb 2019 13:40
Operator : SY/VA
Sample : K1338-01
Misc : 7.72G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AU-06-020519-A

Quant Time: Feb 07 01:47:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	554034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	884622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	785734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	343873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	296838	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
35) Dibromofluoromethane	7.88	113	279901	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
50) Toluene-d8	10.32	98	1053420	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.62	95	364336	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

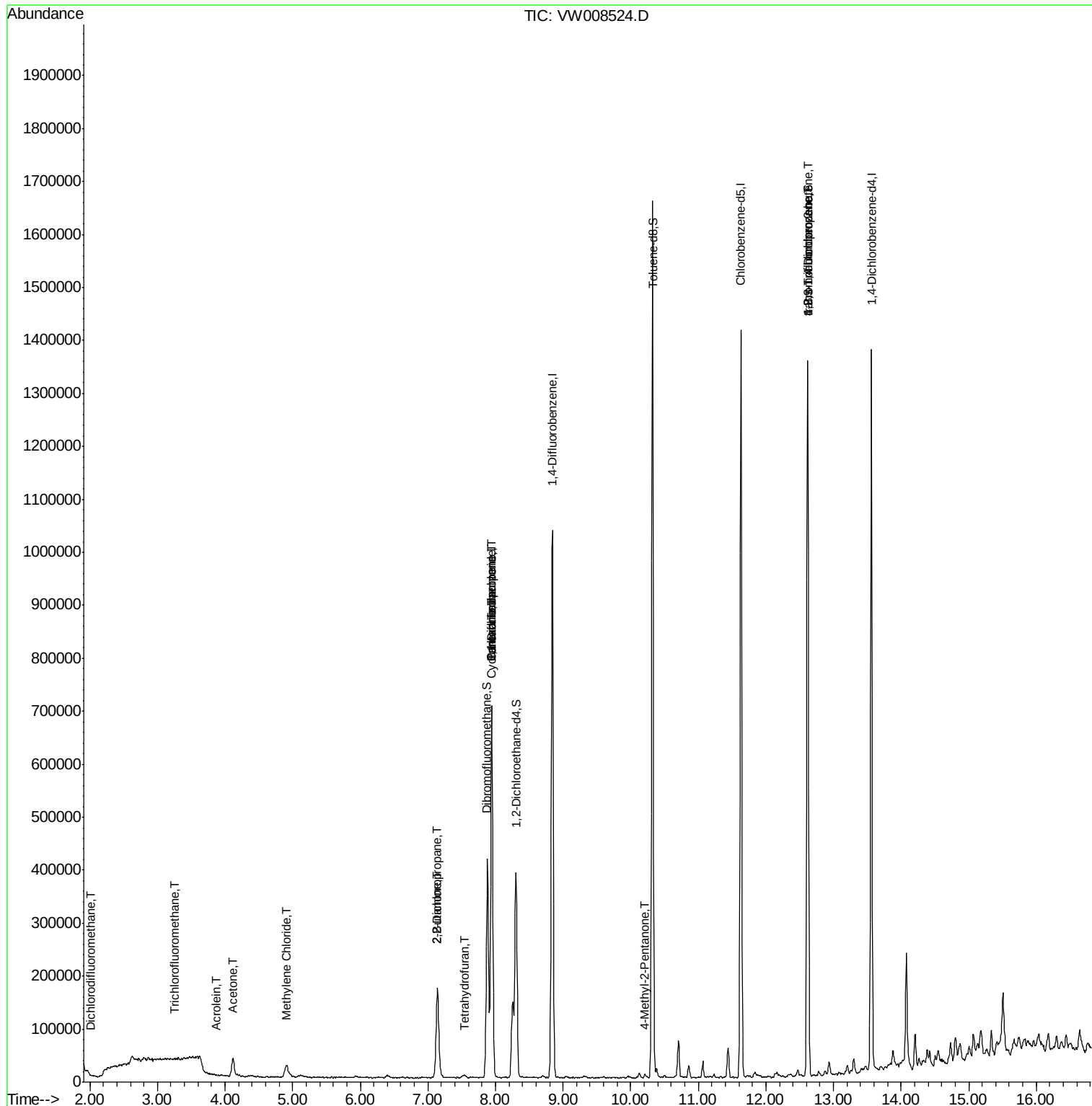
						Qvalue
2) Dichlorodifluoromethane	2.01	85	181	3.305	ug/l #	41
7) Trichlorofluoromethane	3.24	101	279	4.775	ug/l #	17
13) Acrolein	3.87	56	547	5.576	ug/l #	81
16) Acetone	4.12	43	57506	47.048	ug/l	97
20) Methylene Chloride	4.90	84	20023	3.554	ug/l	95
25) 2-Butanone	7.15	43	10235	6.029	ug/l	96
26) 2,2-Dichloropropane	7.13	77	12562	1.799	ug/l #	54
29) Tetrahydrofuran	7.53	42	3823	3.553	ug/l #	93
31) Cyclohexane	7.93	56	12575	1.177	ug/l #	51
36) 1,1-Dichloropropene	7.95	75	37756	4.518	ug/l #	51
38) Carbon Tetrachloride	7.94	117	53317	6.341	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	5256	1.385	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	187560	62.735	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	187560	123.906	ug/l #	12

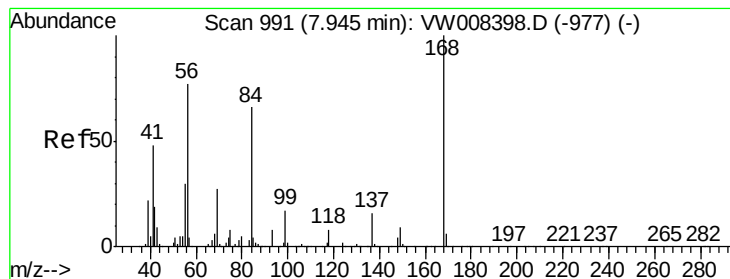
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008524.D

Acq: 06 Feb 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

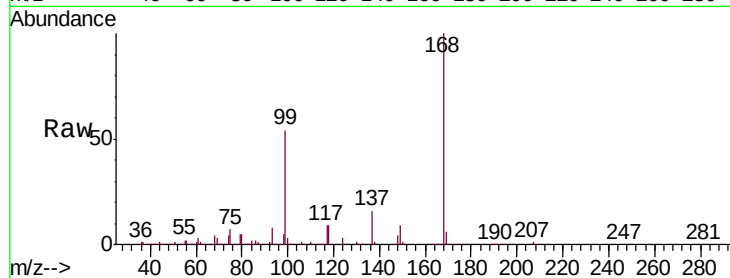
AU-06-020519-A

Tgt Ion: 168 Resp: 554034

Ion Ratio Lower Upper

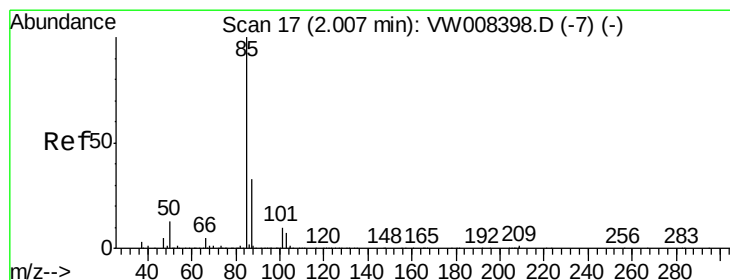
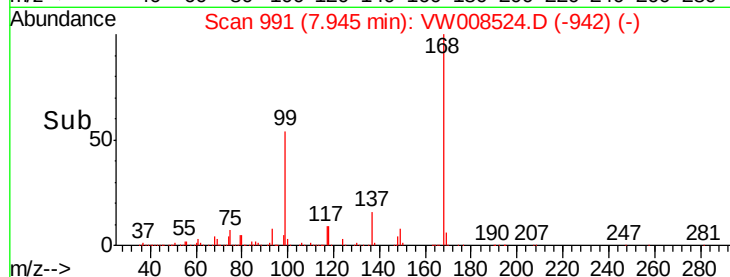
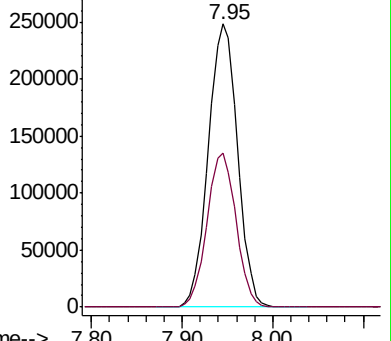
168 100

99 54.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.305 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008524.D

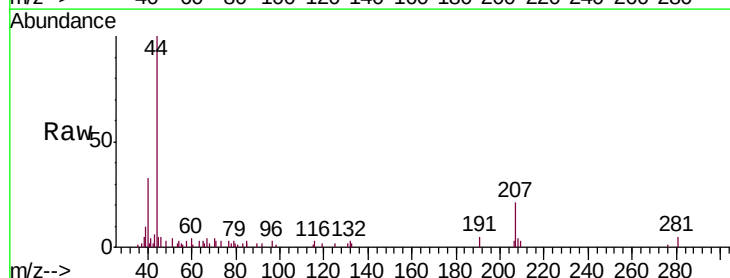
Acq: 06 Feb 2019 13:40

Tgt Ion: 85 Resp: 181

Ion Ratio Lower Upper

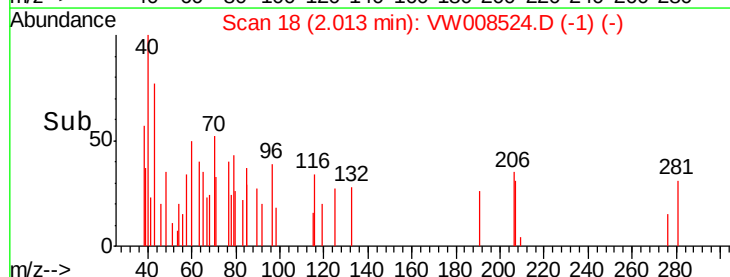
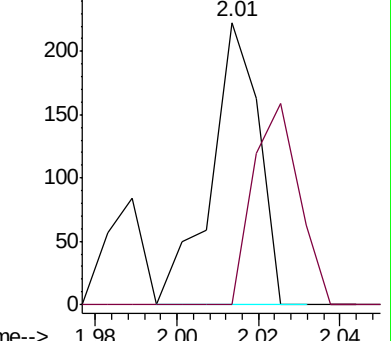
85 100

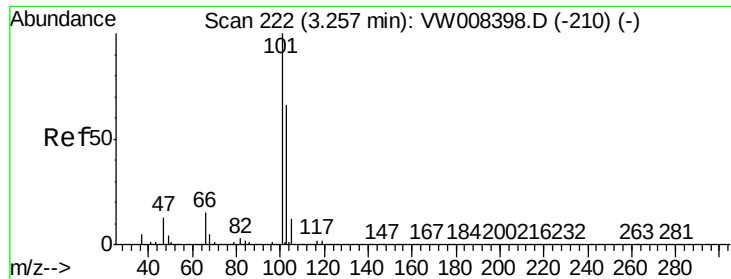
87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



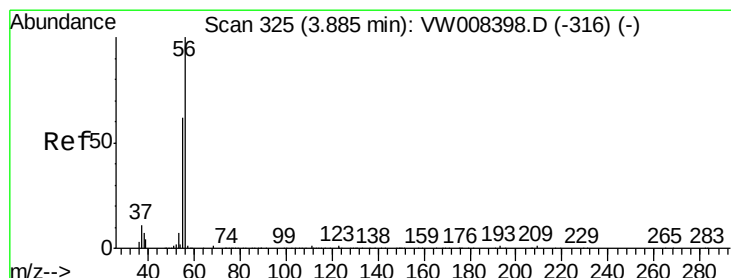
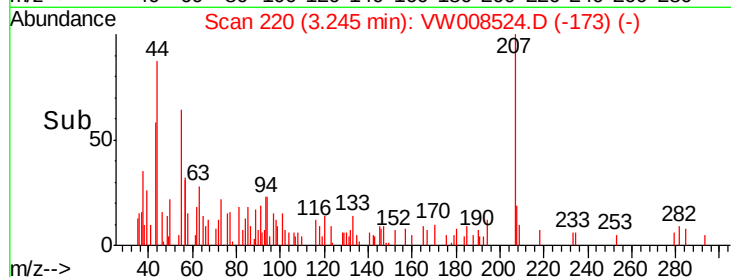
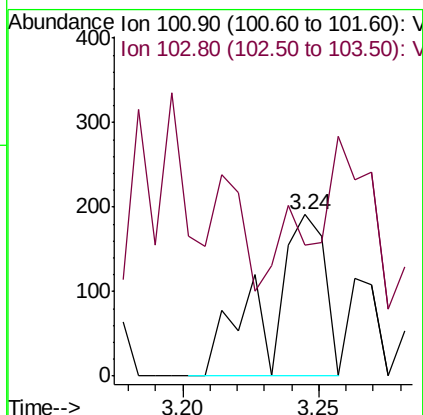
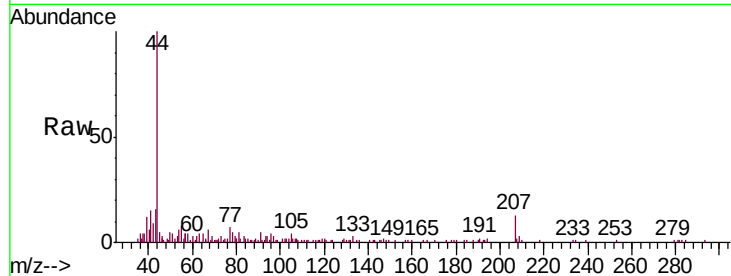


#7

Trichlorofluoromethane
Concen: 4.775 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

Instrument :
MSVOA_W
ClientSampleId :
AU-06-020519-A

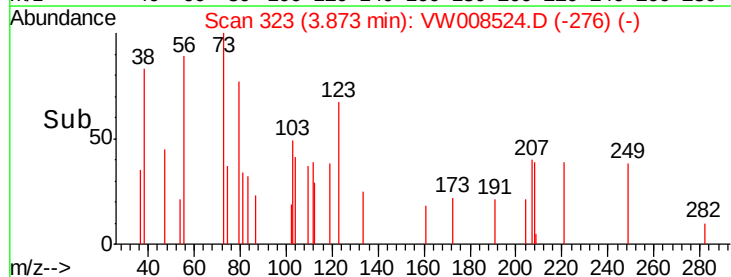
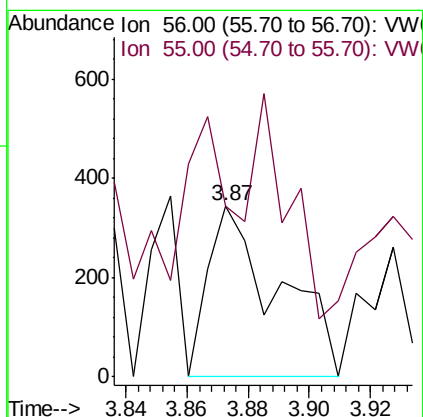
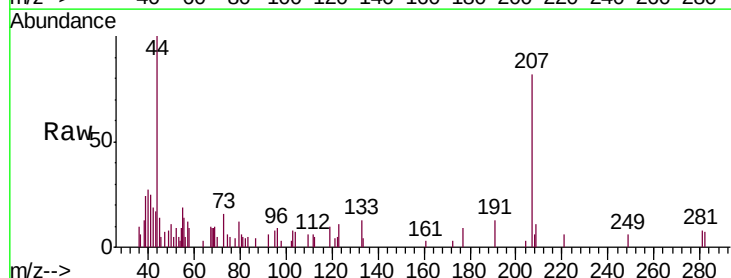
Tgt Ion: 101 Resp: 279
Ion Ratio Lower Upper
101 100
103 0.0 52.5 78.7#

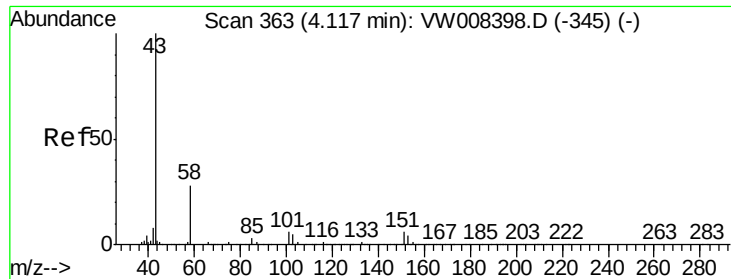


#13

Acrolein
Concen: 5.576 ug/l
RT: 3.87 min Scan# 323
Delta R.T. -0.01 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

Tgt Ion: 56 Resp: 547
Ion Ratio Lower Upper
56 100
55 55.6 56.7 85.1#

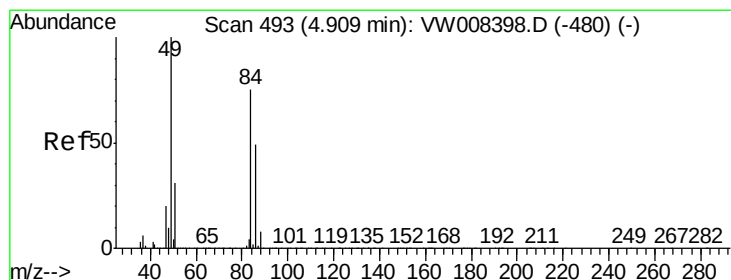
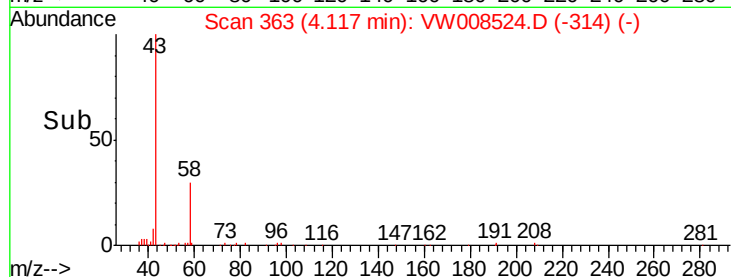
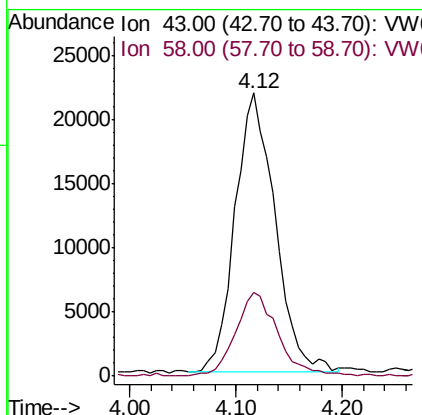
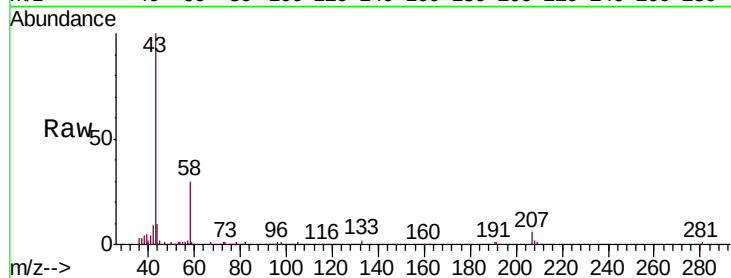




#16
Acetone
Concen: 47.048 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

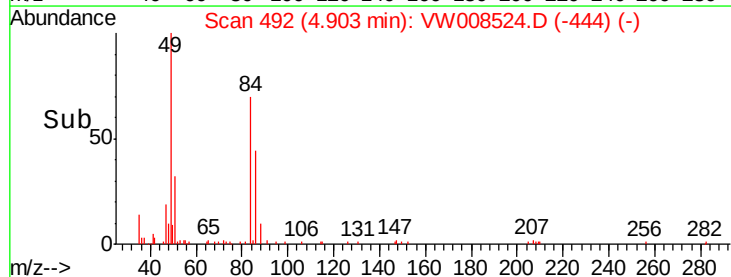
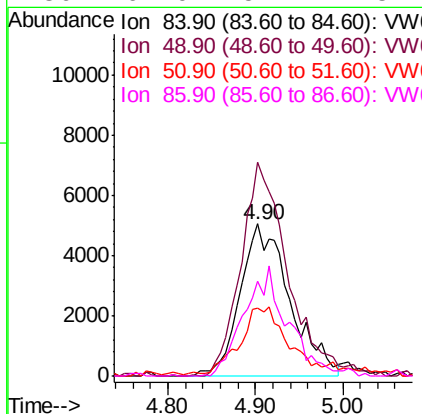
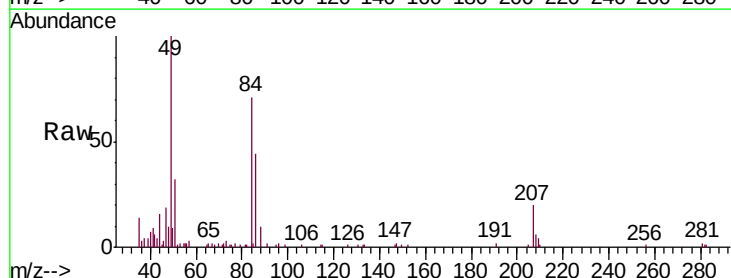
Instrument :
MSVOA_W
ClientSampleId :
AU-06-020519-A

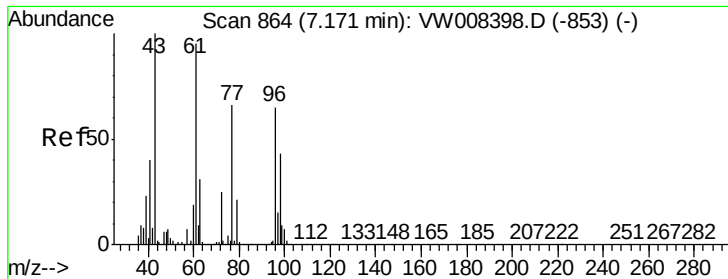
Tgt Ion: 43 Resp: 57506
Ion Ratio Lower Upper
43 100
58 29.7 22.6 34.0



#20
Methylene Chloride
Concen: 3.554 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

Tgt Ion: 84 Resp: 20023
Ion Ratio Lower Upper
84 100
49 140.6 106.8 160.2
51 43.0 32.9 49.3
86 62.0 52.2 78.2





#25

2-Butanone

Concen: 6.029 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008524.D

Acq: 06 Feb 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

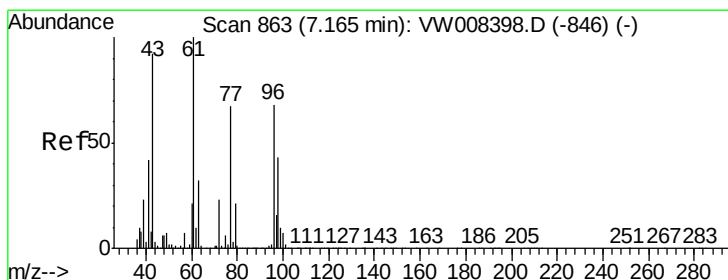
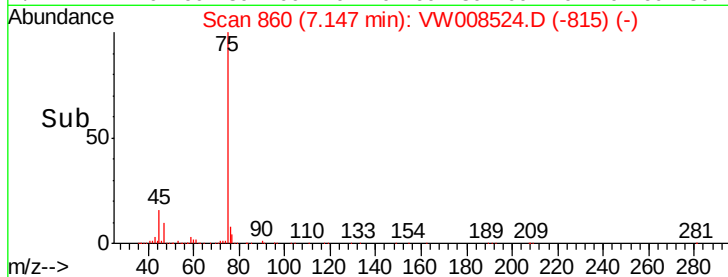
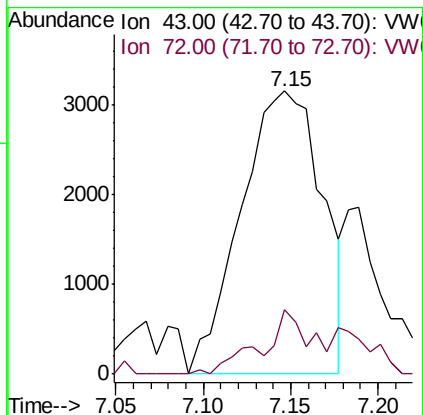
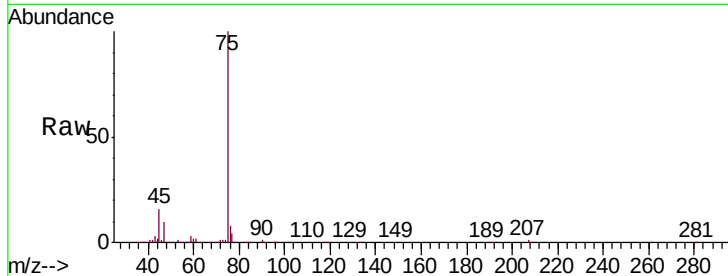
AU-06-020519-A

Tgt Ion: 43 Resp: 10235

Ion Ratio Lower Upper

43 100

72 22.9 20.1 30.1



#26

2,2-Dichloropropane

Concen: 1.799 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW008524.D

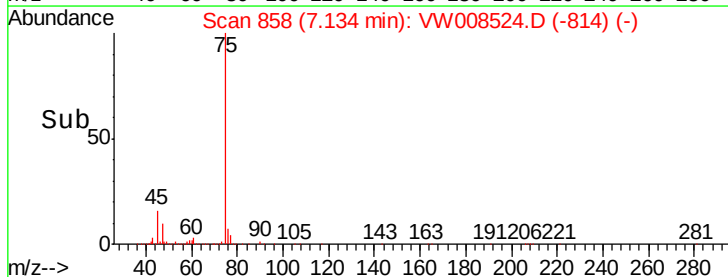
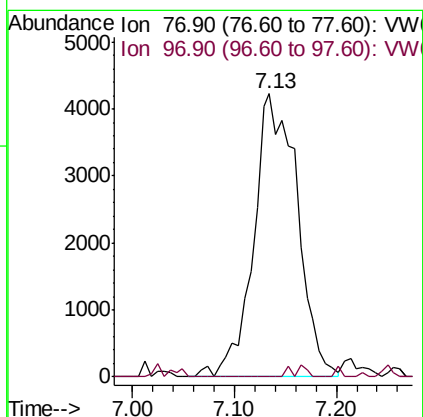
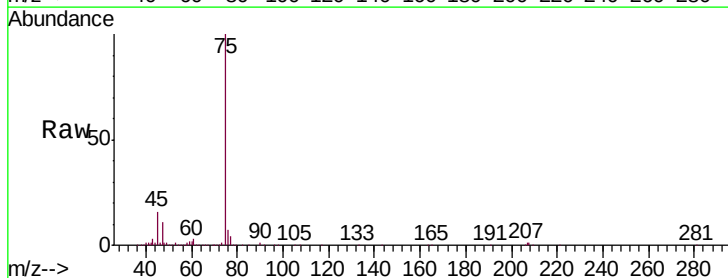
Acq: 06 Feb 2019 13:40

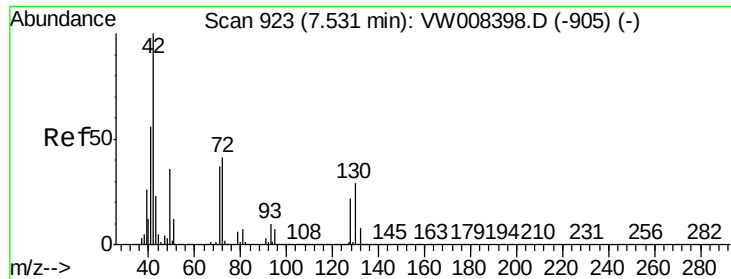
Tgt Ion: 77 Resp: 12562

Ion Ratio Lower Upper

77 100

97 0.5 11.5 34.5#

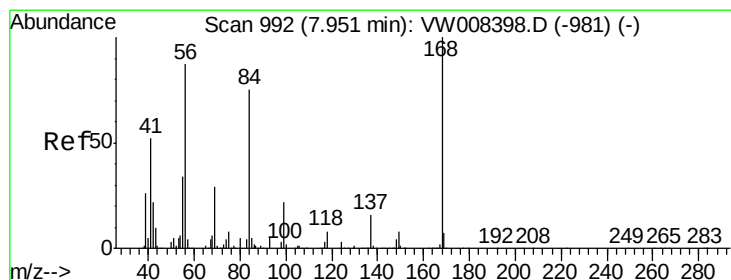
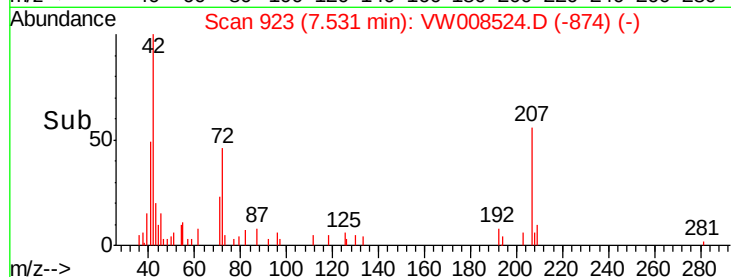
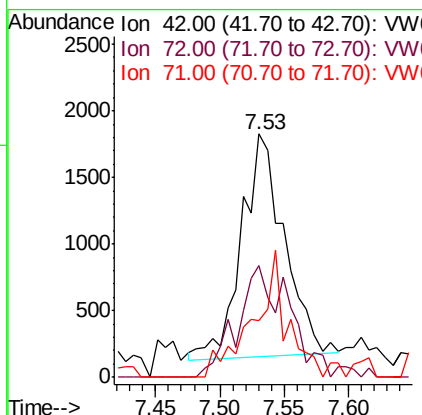
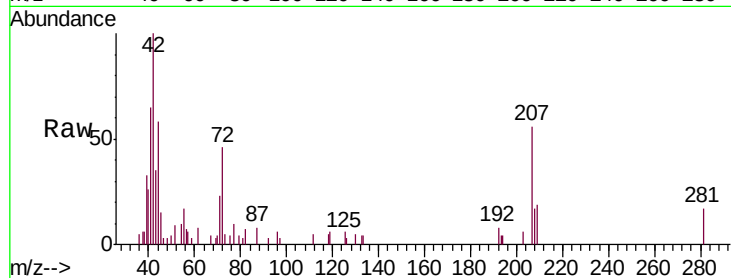




#29
Tetrahydrofuran
Concen: 3.553 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

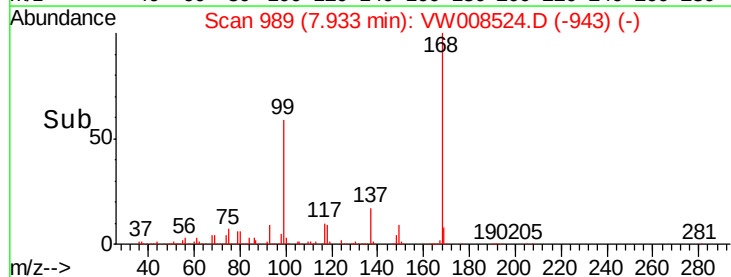
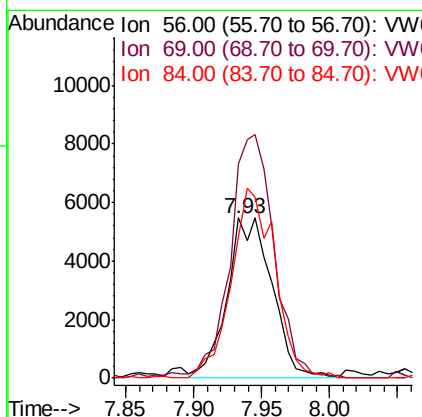
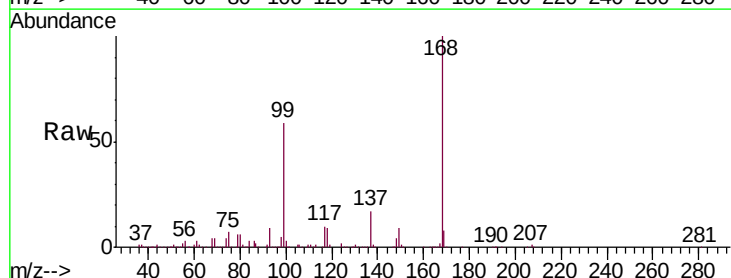
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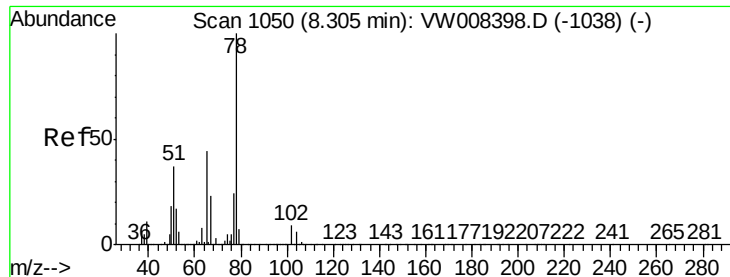
Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.9	47.9
71	44.9	29.9	44.9#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

Tgt Ion	Ratio	Lower	Upper
56	100		
69	131.0	26.4	39.6#
84	87.9	69.1	103.7

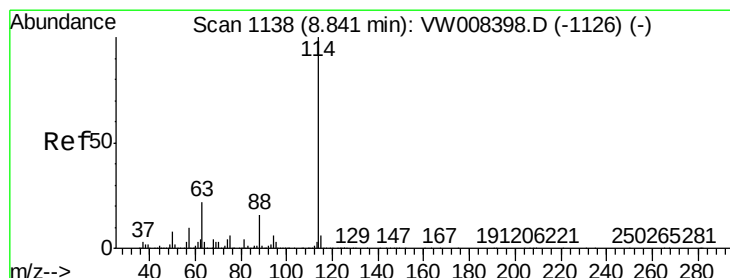
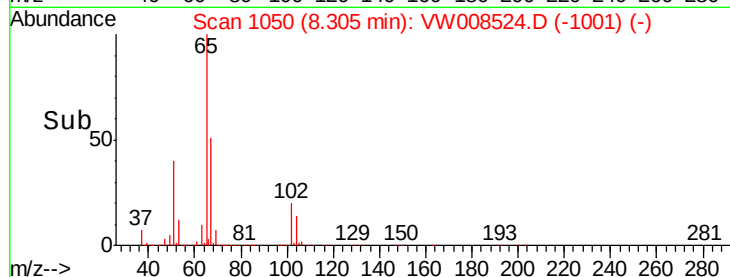
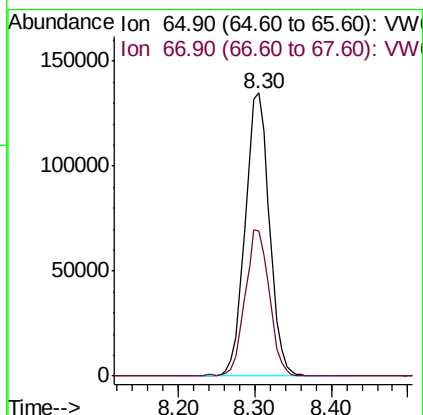
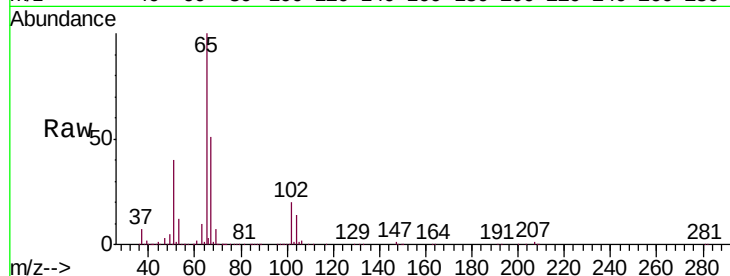




#33
 1,2-Dichloroethane-d4
 Concen: 54.537 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008524.D
 Acq: 06 Feb 2019 13:40

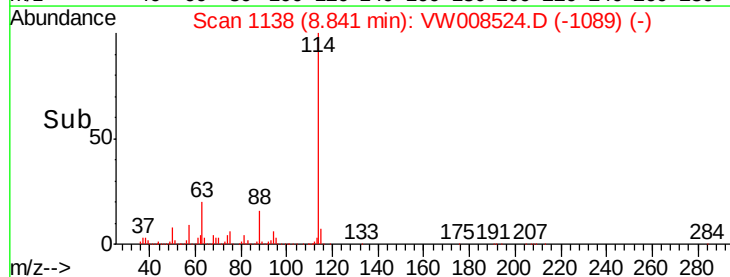
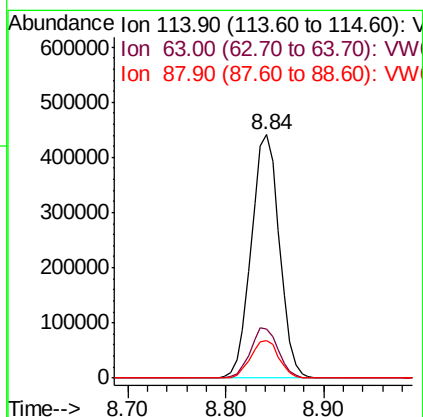
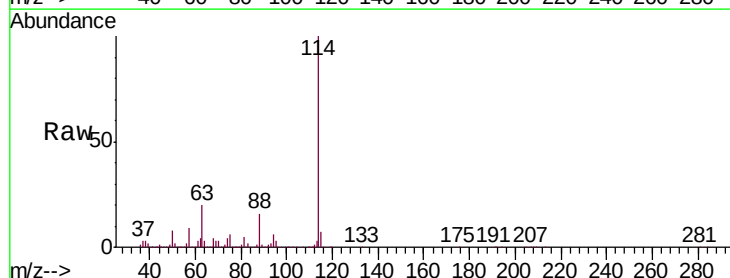
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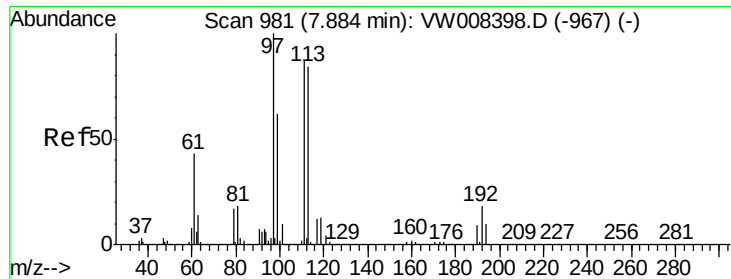
Tgt Ion: 65 Resp: 296838
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008524.D
 Acq: 06 Feb 2019 13:40

Tgt Ion: 114 Resp: 884622
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.6
 88 15.5 0.0 31.8

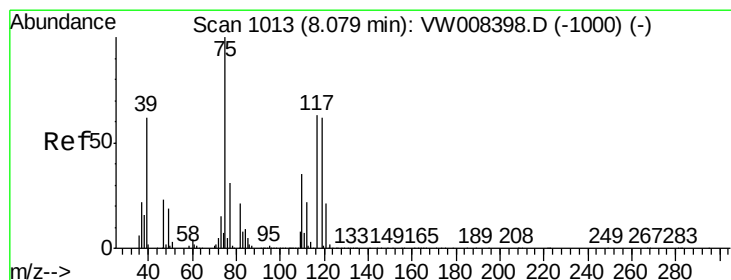
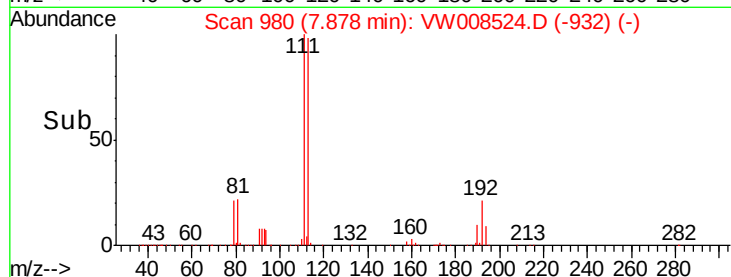
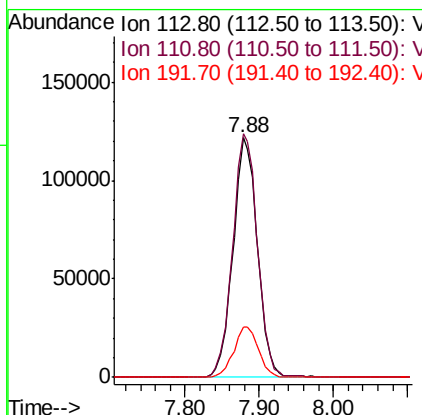
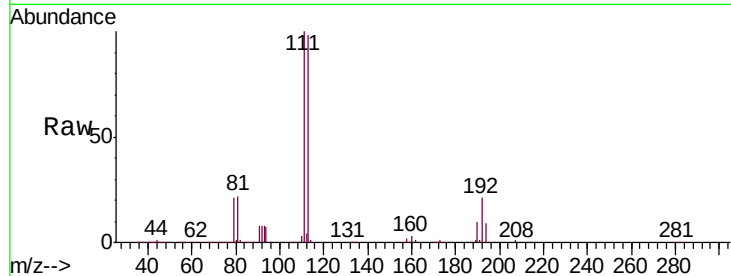




#35
 Dibromofluoromethane
 Concen: 54.111 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008524.D
 Acq: 06 Feb 2019 13:40

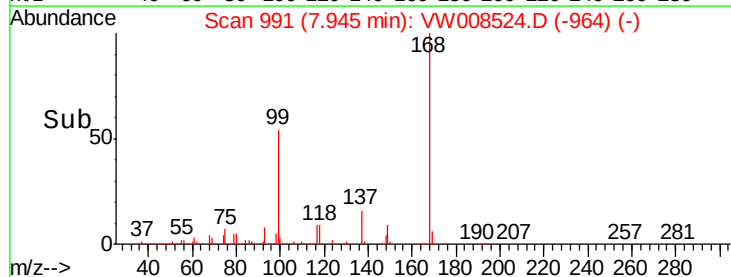
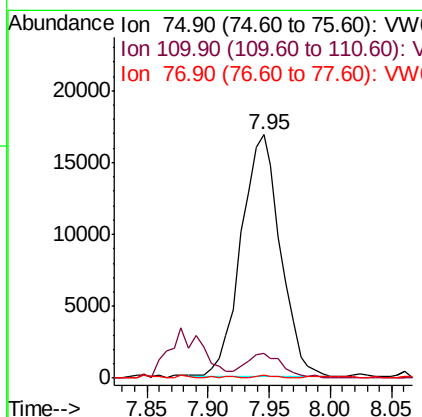
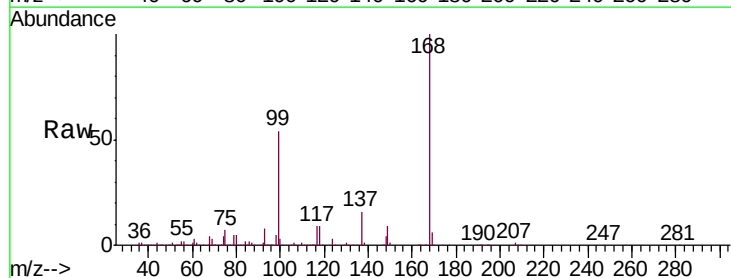
Instrument :
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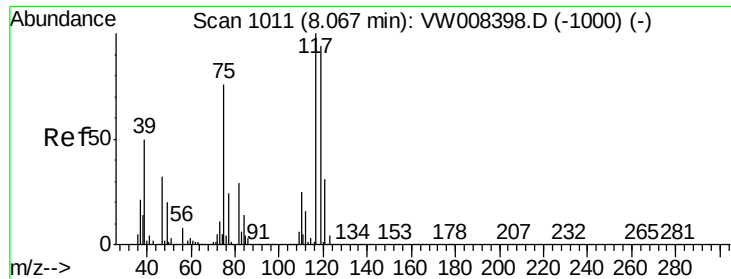
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.4
192	21.3	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.518 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008524.D
 Acq: 06 Feb 2019 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	52.0#
77	0.7	24.7	37.1#

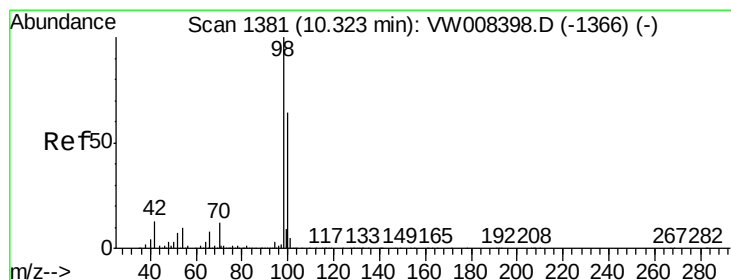
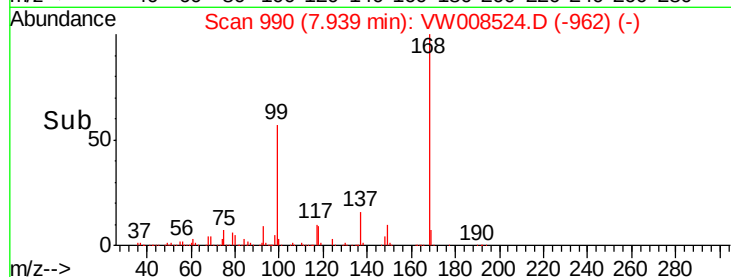
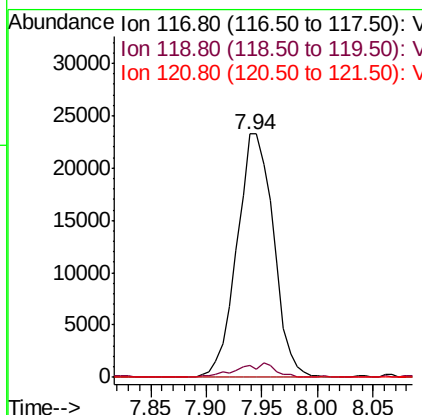
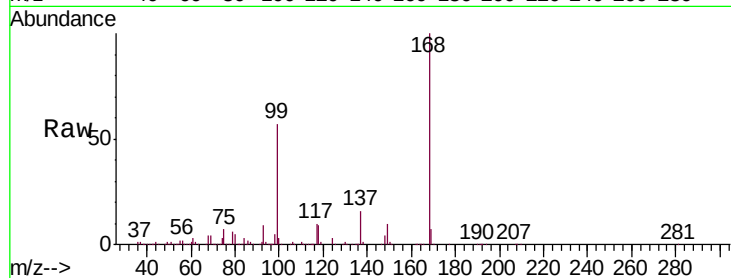




#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

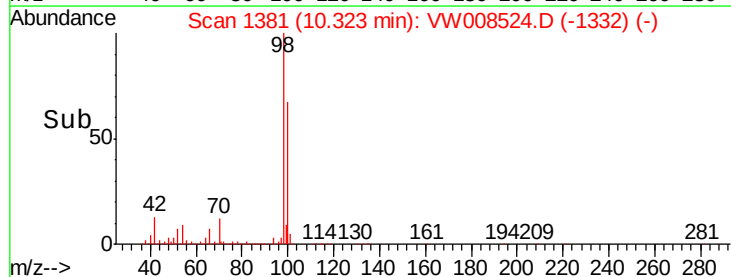
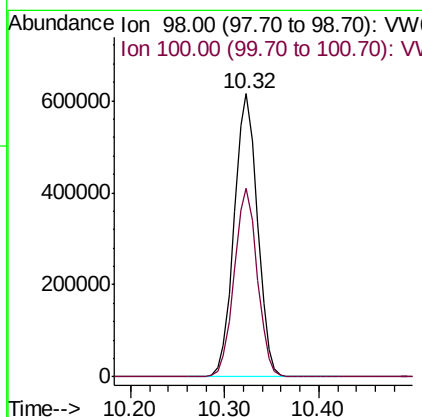
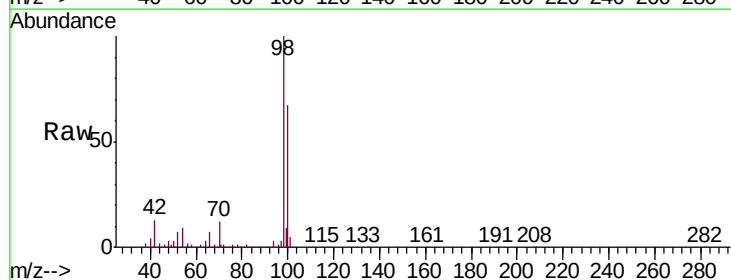
Instrument :
MSVOA_W
ClientSampleId :
AU-06-020519-A

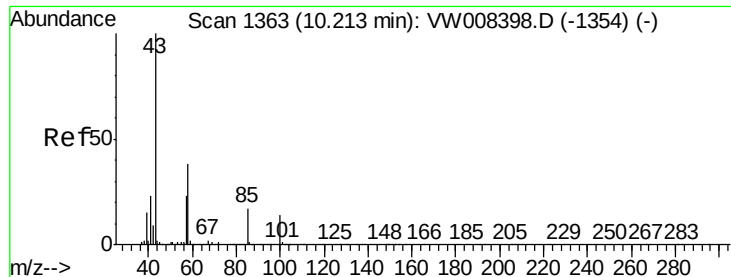
Tgt Ion:117 Resp: 53317
Ion Ratio Lower Upper
117 100
119 5.1 75.0 112.4#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.785 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008524.D
Acq: 06 Feb 2019 13:40

Tgt Ion: 98 Resp: 1053420
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

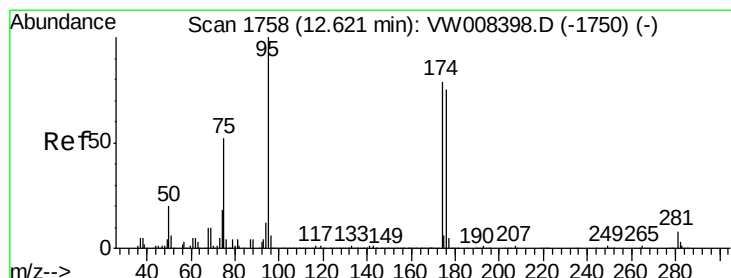
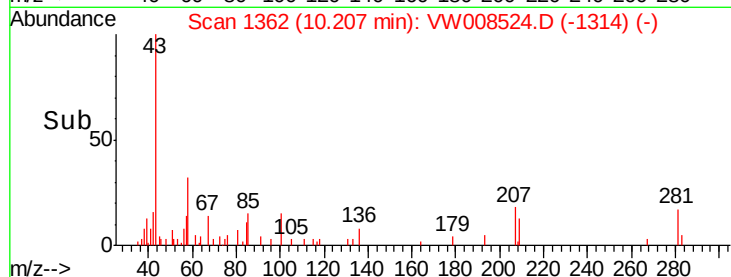
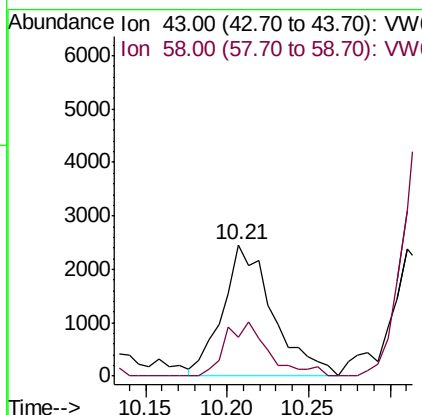
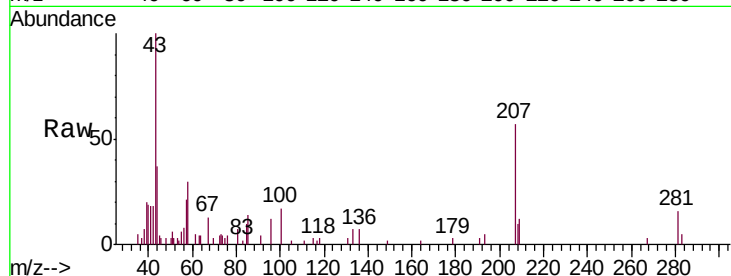




#51
 4-Methyl-2-Pentanone
 Concen: 1.385 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008524.D
 Acq: 06 Feb 2019 13:40

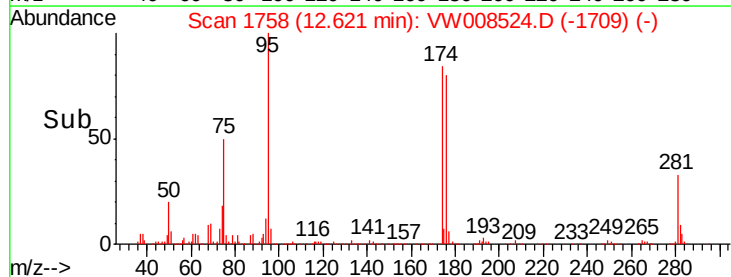
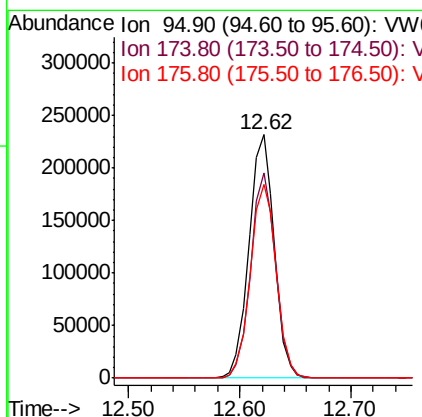
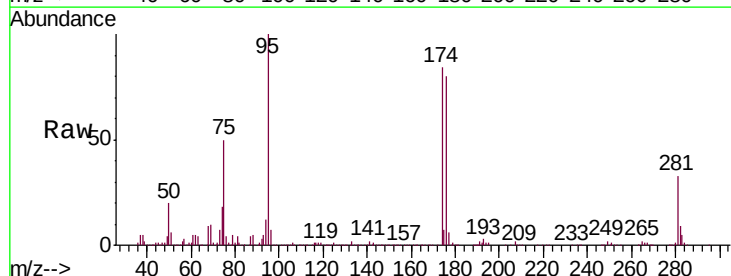
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-06-020519-A

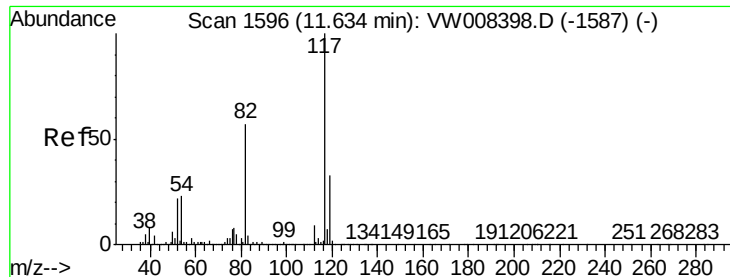
Tgt Ion: 43 Resp: 5256
 Ion Ratio Lower Upper
 43 100
 58 35.8 29.7 44.5



#62
 4-Bromofluorobenzene
 Concen: 45.695 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008524.D
 Acq: 06 Feb 2019 13:40

Tgt Ion: 95 Resp: 364336
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 157.6
 176 81.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008524.D

Acq: 06 Feb 2019 13:40

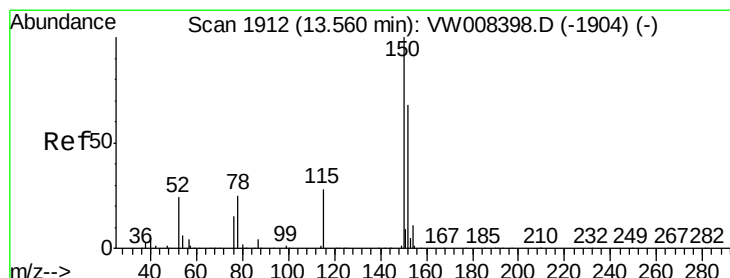
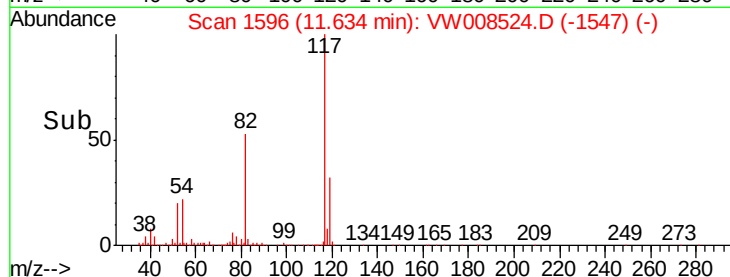
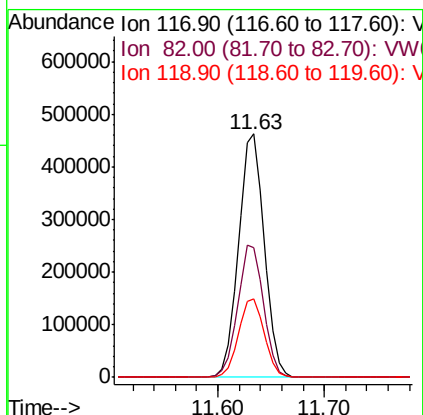
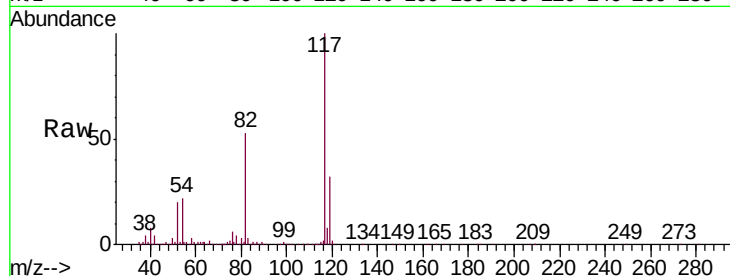
Instrument :

MSVOA_W

ClientSampleId :

AU-06-020519-A

Tgt Ion:	117	Resp:	785734
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	32.2	26.2	39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008524.D

Acq: 06 Feb 2019 13:40

Tgt Ion:	152	Resp:	343873
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.9	89.7
150	156.4	0.0	351.4

