

Data File : VW008526.D
Acq On : 06 Feb 2019 14:34
Operator : SY/VA
Sample : K1338-05
Misc : 8.73G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 07 01:48:09 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	550045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	881416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	782924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	368885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	292954	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
35) Dibromofluoromethane	7.88	113	273956	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.32	98	1046039	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	376592	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

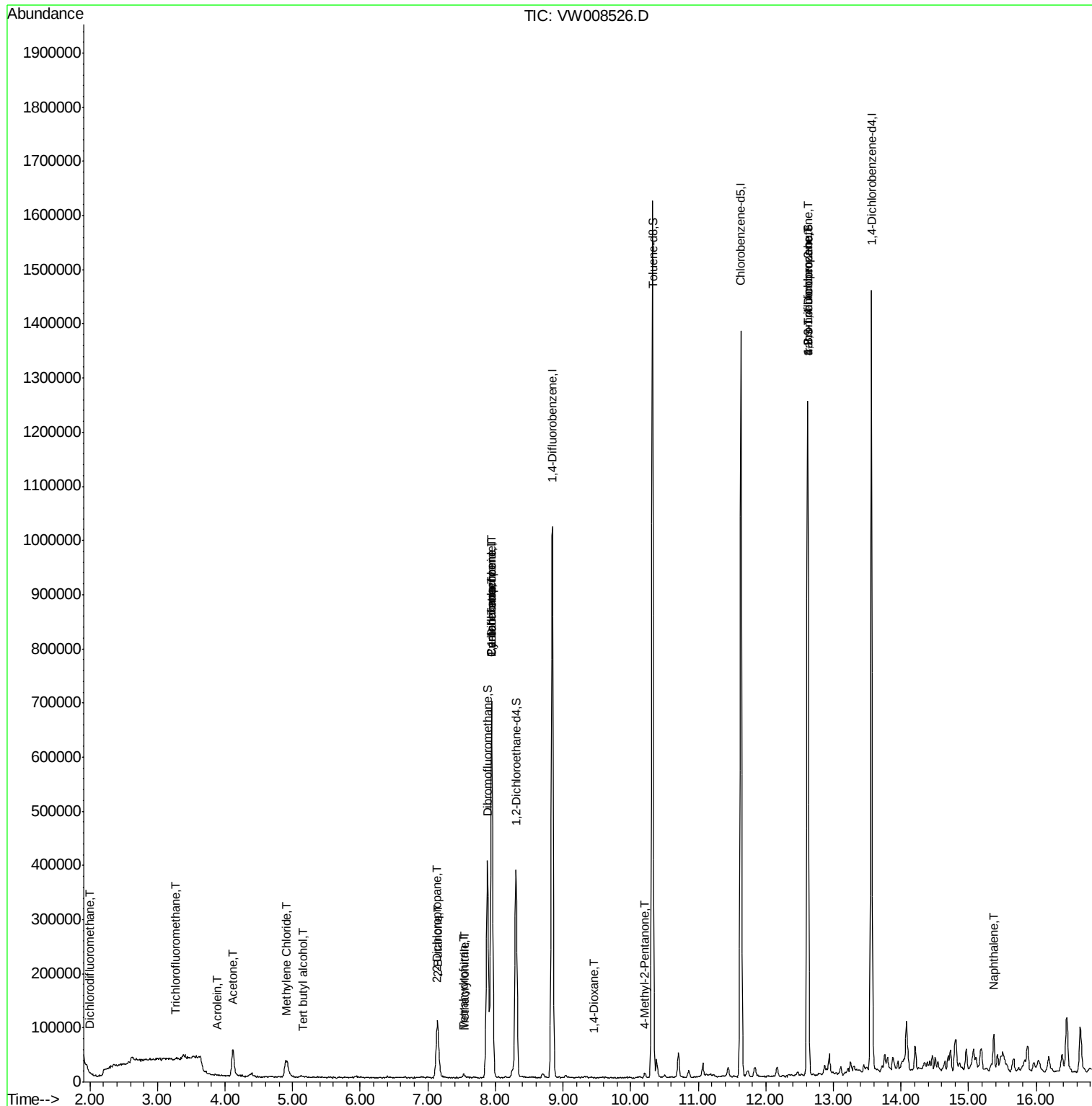
						Qvalue
2) Dichlorodifluoromethane	2.01	85	245	3.324	ug/l #	41
7) Trichlorofluoromethane	3.26	101	308	4.781	ug/l #	17
11) Tert butyl alcohol	5.14	59	706	1.623	ug/l #	1
13) Acrolein	3.89	56	338	5.051	ug/l #	1
16) Acetone	4.12	43	87527	72.129	ug/l	91
20) Methylene Chloride	4.91	84	27659	4.945	ug/l	93
25) 2-Butanone	7.15	43	8869	5.262	ug/l #	87
26) 2,2-Dichloropropane	7.13	77	7692	1.110	ug/l #	53
29) Tetrahydrofuran	7.53	42	5383	5.040	ug/l	97
31) Cyclohexane	7.95	56	12063	1.137	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	40372	4.849	ug/l #	42
38) Carbon Tetrachloride	7.95	117	51620	6.161	ug/l #	16
41) Methacrylonitrile	7.54	41	3256	1.493	ug/l #	25
49) 1,4-Dioxane	9.46	88	124	2.476	ug/l #	70
51) 4-Methyl-2-Pentanone	10.20	43	6905	1.826	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	192479	60.015	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	192479	118.534	ug/l #	12
95) Naphthalene	15.37	128	54286	4.037	ug/l	98

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

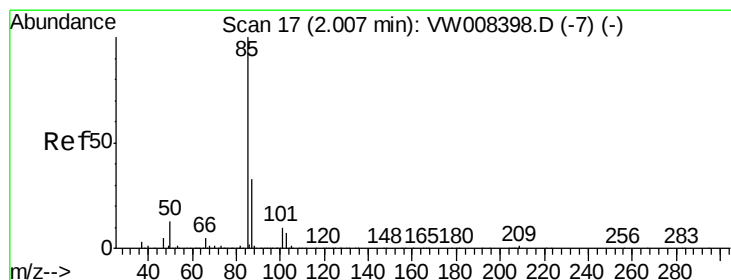
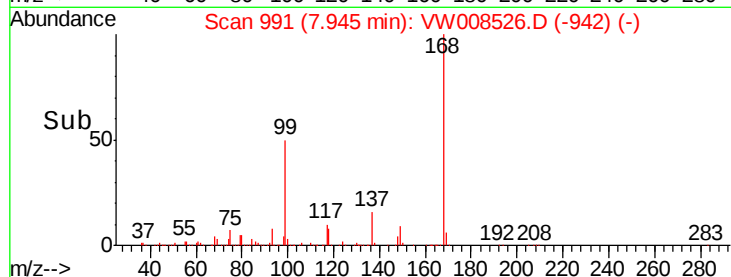
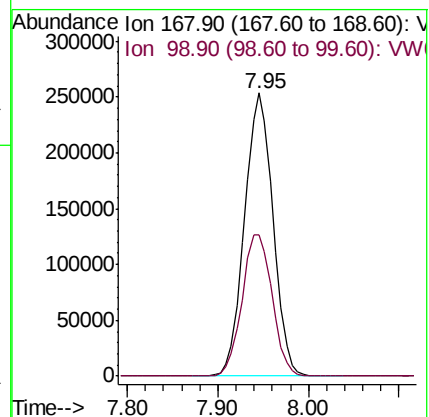
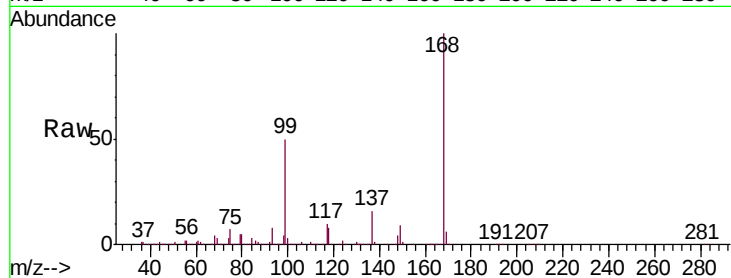
AU-06-020519-C

Tgt Ion:168 Resp: 550045

Ion Ratio Lower Upper

168 100

99 49.9 45.5 68.3



#2

Dichlorodifluoromethane

Concen: 3.324 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008526.D

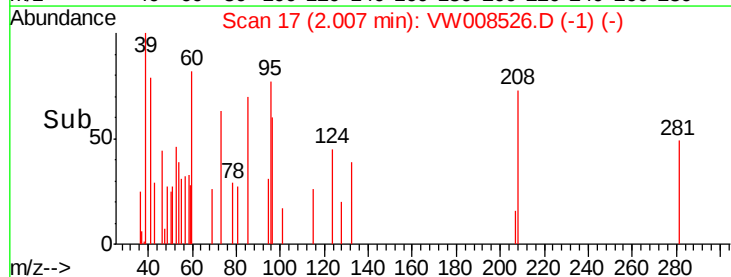
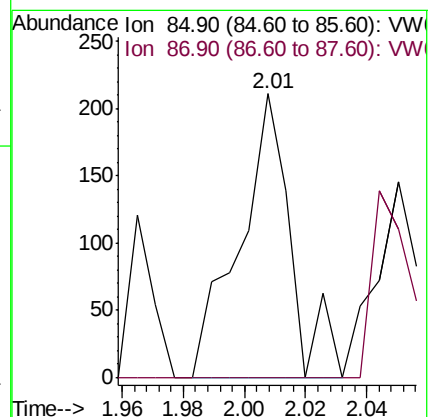
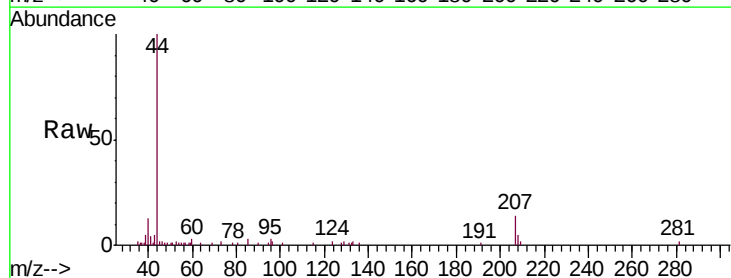
Acq: 06 Feb 2019 14:34

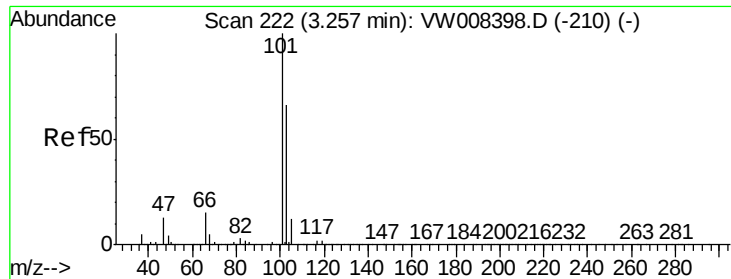
Tgt Ion: 85 Resp: 245

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



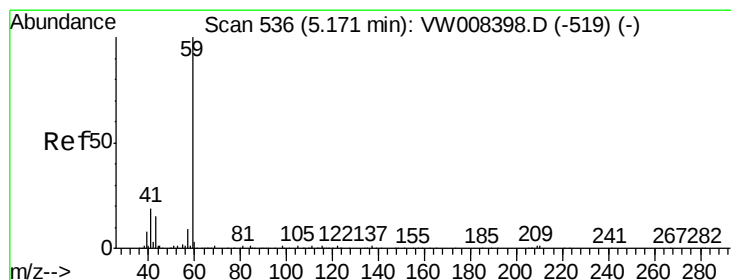
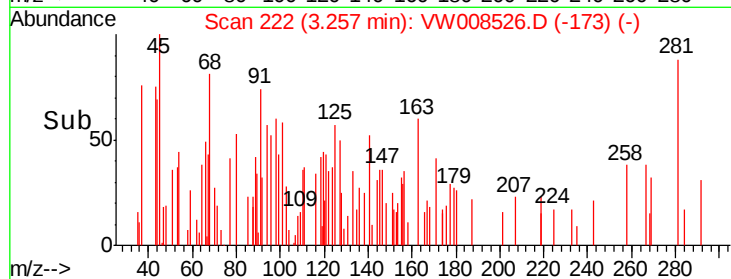
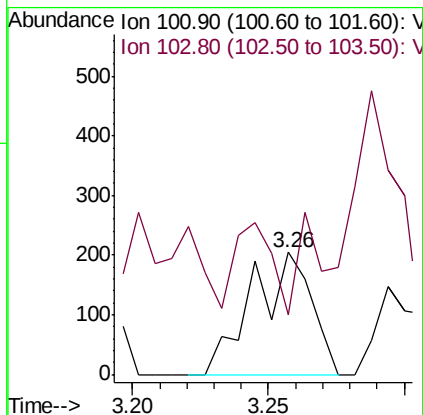
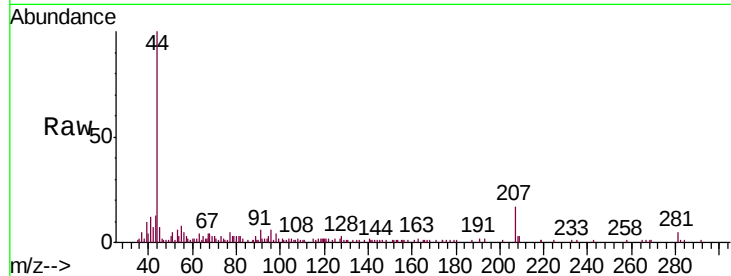


#7

Trichlorofluoromethane
 Concen: 4.781 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008526.D
 Acq: 06 Feb 2019 14:34

Instrument :
 MSVOA_W
 ClientSampleID :
 AU-06-020519-C

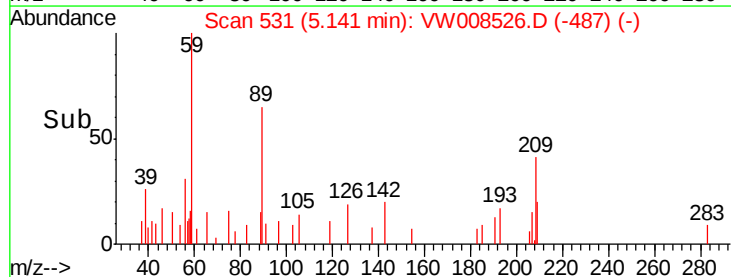
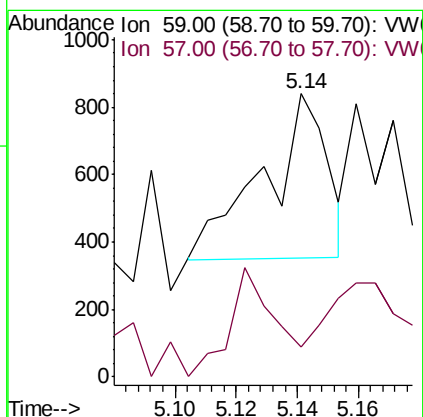
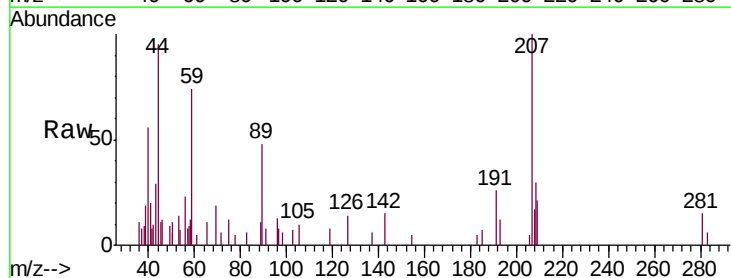
Tgt Ion: 101 Resp: 308
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

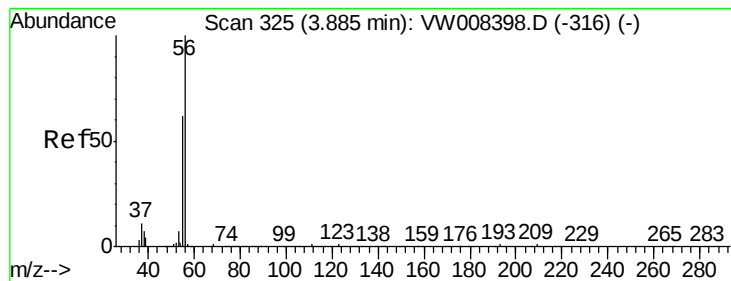


#11

Tert butyl alcohol
 Concen: 1.623 ug/l
 RT: 5.14 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: VW008526.D
 Acq: 06 Feb 2019 14:34

Tgt Ion: 59 Resp: 706
 Ion Ratio Lower Upper
 59 100
 57 55.2 9.3 13.9#





#13

Acrolein

Concen: 5.051 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008526.D

Acq: 06 Feb 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

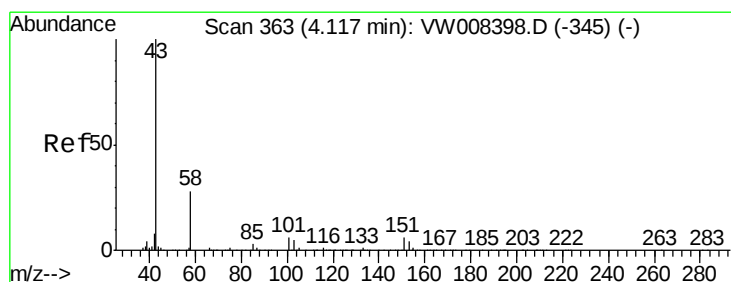
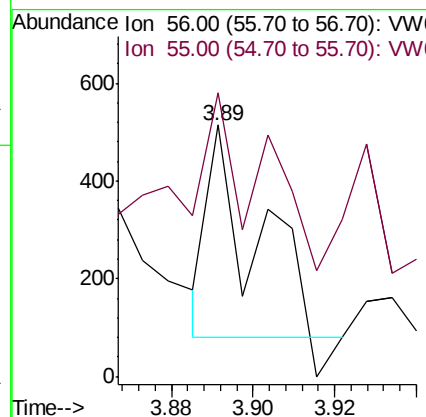
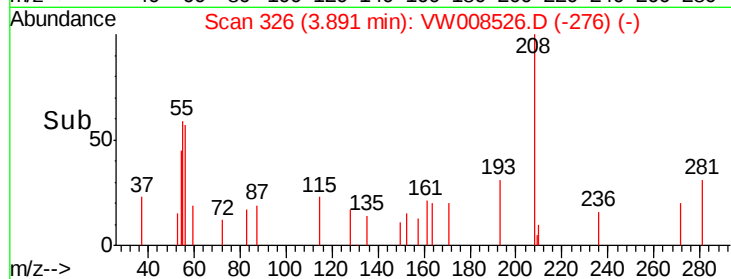
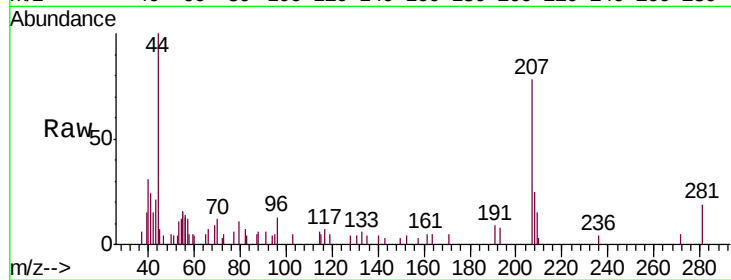
AU-06-020519-C

Tgt Ion: 56 Resp: 338

Ion Ratio Lower Upper

56 100

55 155.6 56.7 85.1#



#16

Acetone

Concen: 72.129 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008526.D

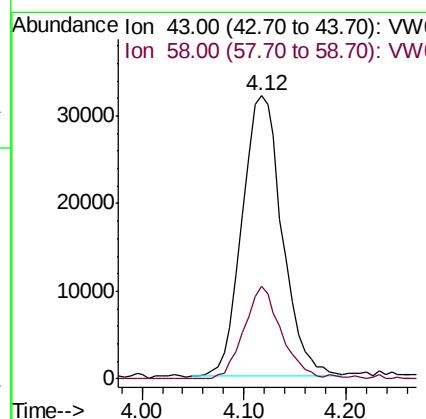
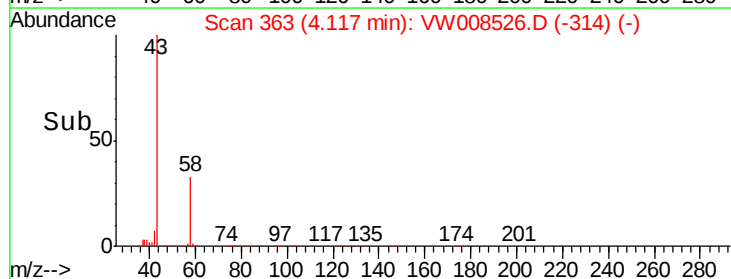
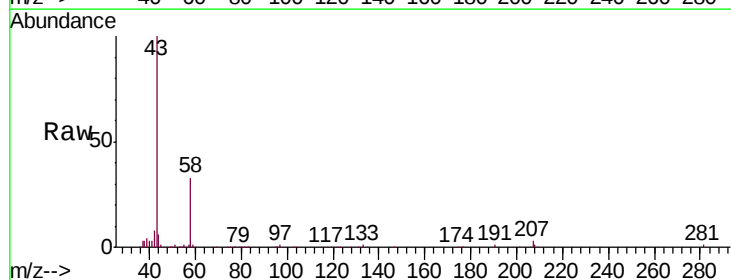
Acq: 06 Feb 2019 14:34

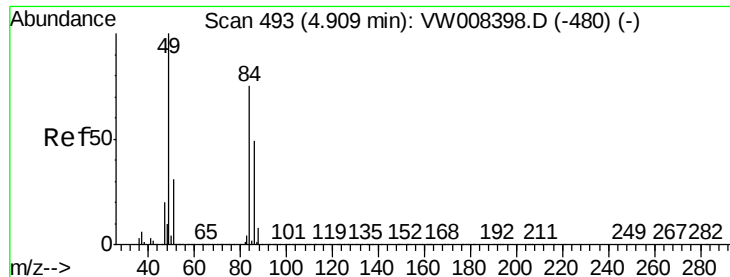
Tgt Ion: 43 Resp: 87527

Ion Ratio Lower Upper

43 100

58 32.8 22.6 34.0

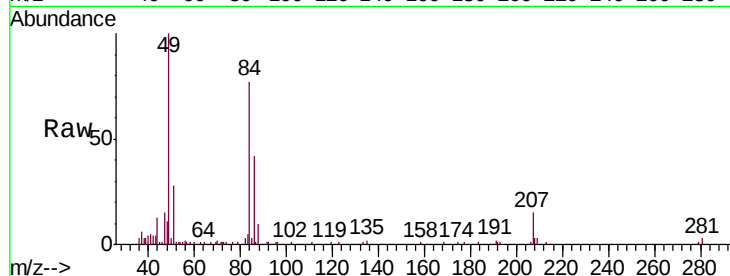




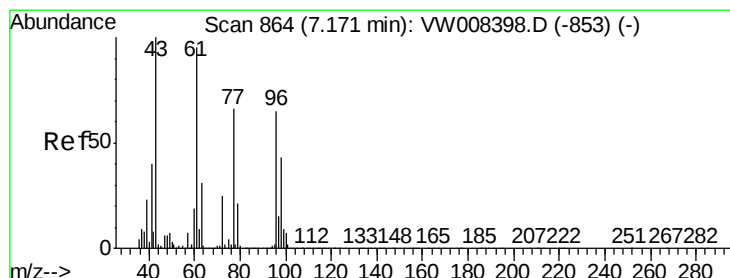
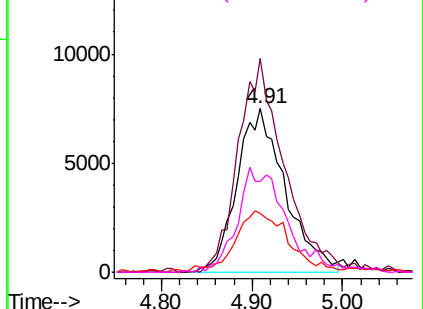
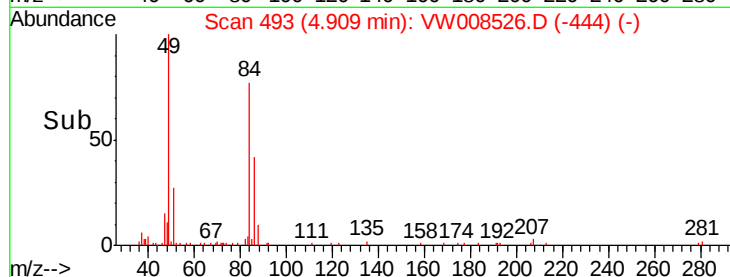
#20
Methylene Chloride
Concen: 4.945 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008526.D
Acq: 06 Feb 2019 14:34

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

Tgt Ion:	84	Resp:	27659
Ion	Ratio	Lower	Upper
84	100		
49	130.5	106.8	160.2
51	35.2	32.9	49.3
86	54.3	52.2	78.2

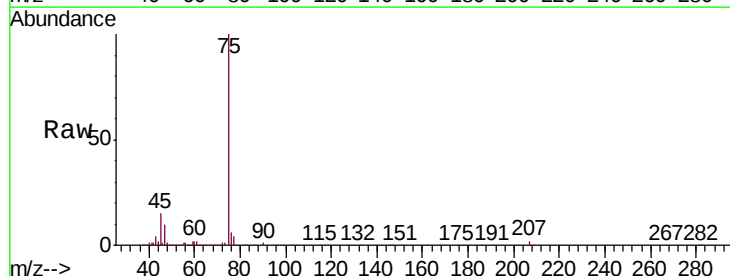


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

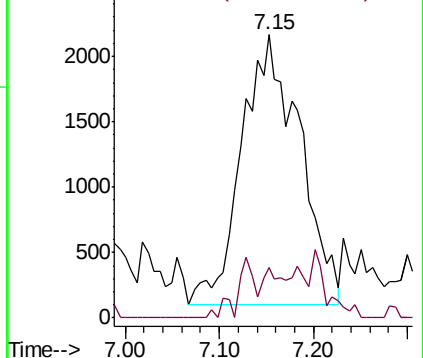
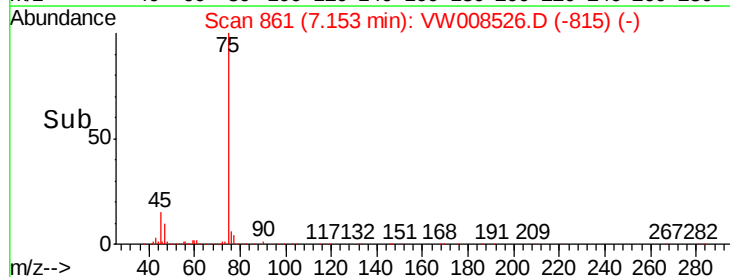


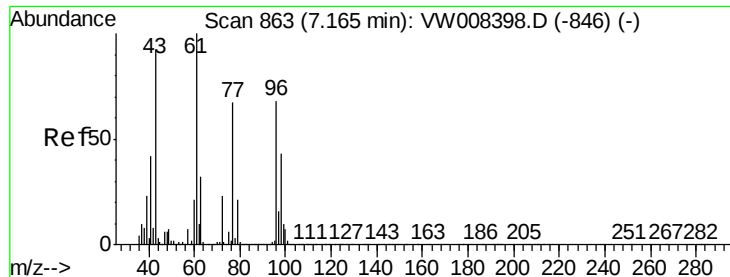
#25
2-Butanone
Concen: 5.262 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW008526.D
Acq: 06 Feb 2019 14:34

Tgt Ion:	43	Resp:	8869
Ion	Ratio	Lower	Upper
43	100		
72	18.5	20.1	30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 1.110 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW008526.D

Acq: 06 Feb 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

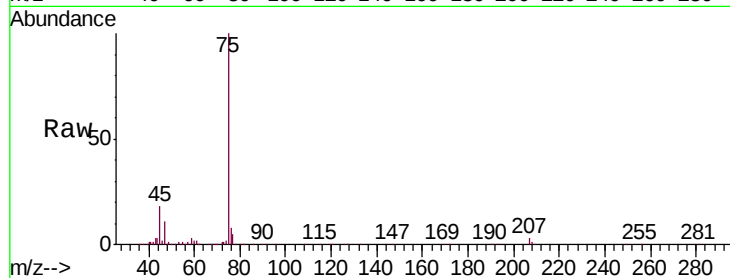
AU-06-020519-C

Tgt Ion: 77 Resp: 7692

Ion Ratio Lower Upper

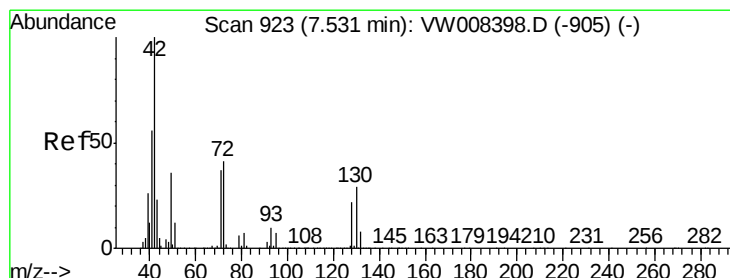
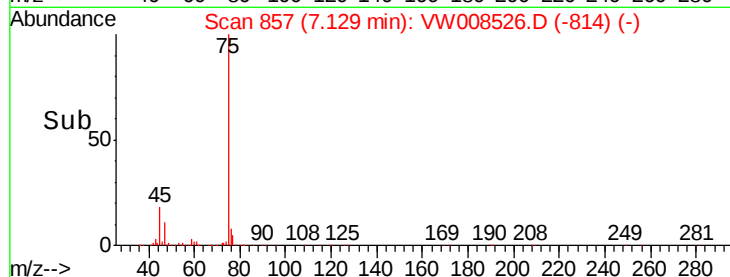
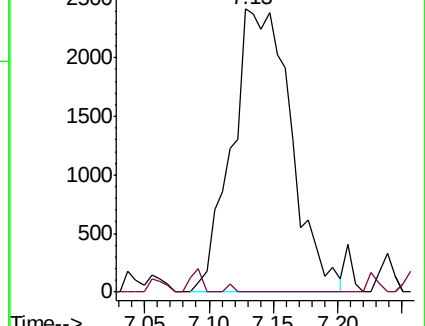
77 100

97 0.4 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 5.040 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008526.D

Acq: 06 Feb 2019 14:34

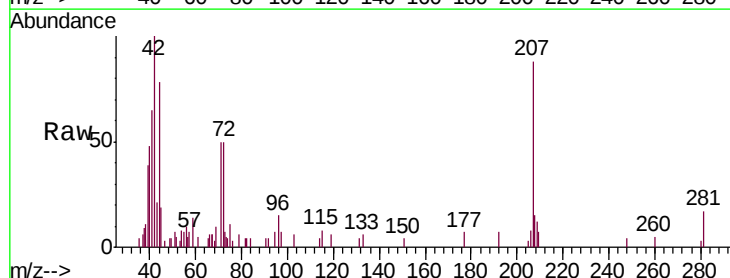
Tgt Ion: 42 Resp: 5383

Ion Ratio Lower Upper

42 100

72 36.9 31.9 47.9

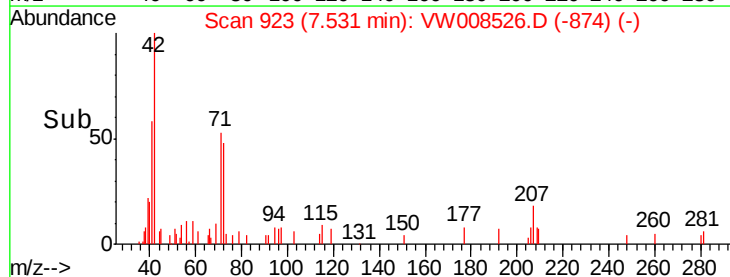
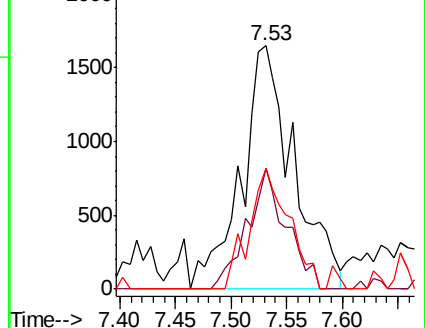
71 37.9 29.9 44.9

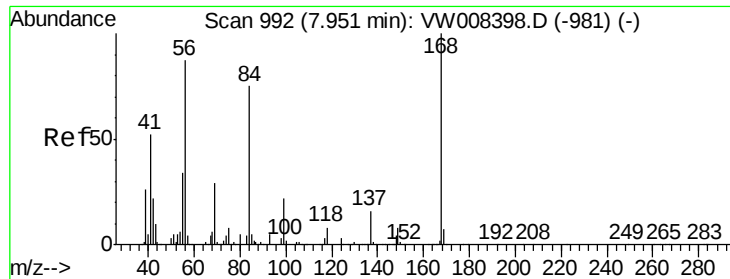


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

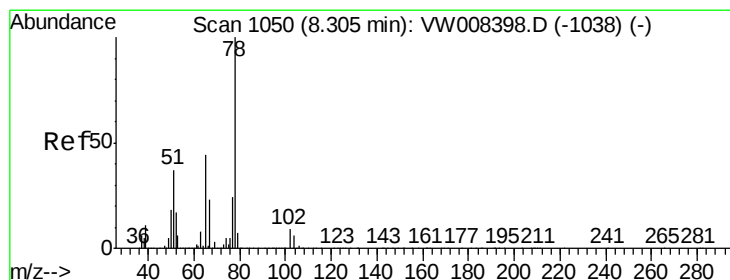
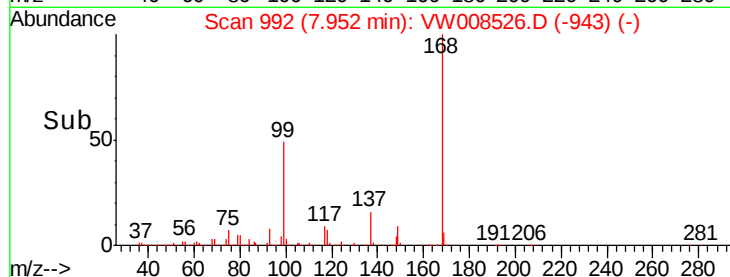
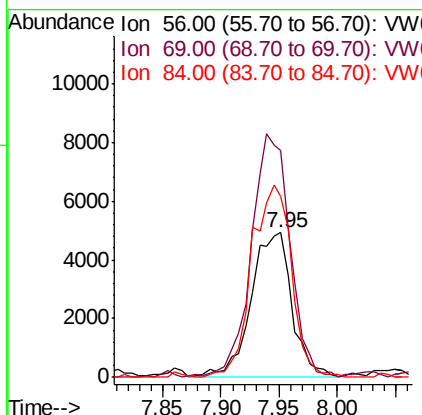
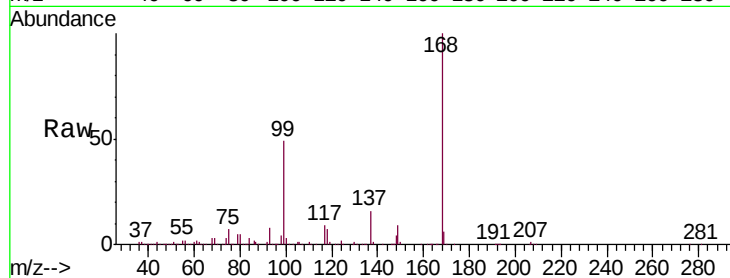




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008526.D
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Tgt Ion: 56 Resp: 12063
Ion Ratio Lower Upper
56 100
69 156.5 26.4 39.6#
84 123.7 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 54.214 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008526.D
Acq: 06 Feb 2019 14:34

Tgt Ion: 65 Resp: 292954
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

