

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006912.D
 Acq On : 07 Aug 2018 22:10
 Operator : SY/MD
 Sample : J4357-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196146	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181324	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67426	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.58	69	58162	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	94157	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.97	46	218472	58.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.44%
24) Chloroform-d	4.41	84	130798	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.09	65	71093	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	246936	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.13	67	87377	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	184544	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	23250	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.15	63	104054	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66734	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	65069	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

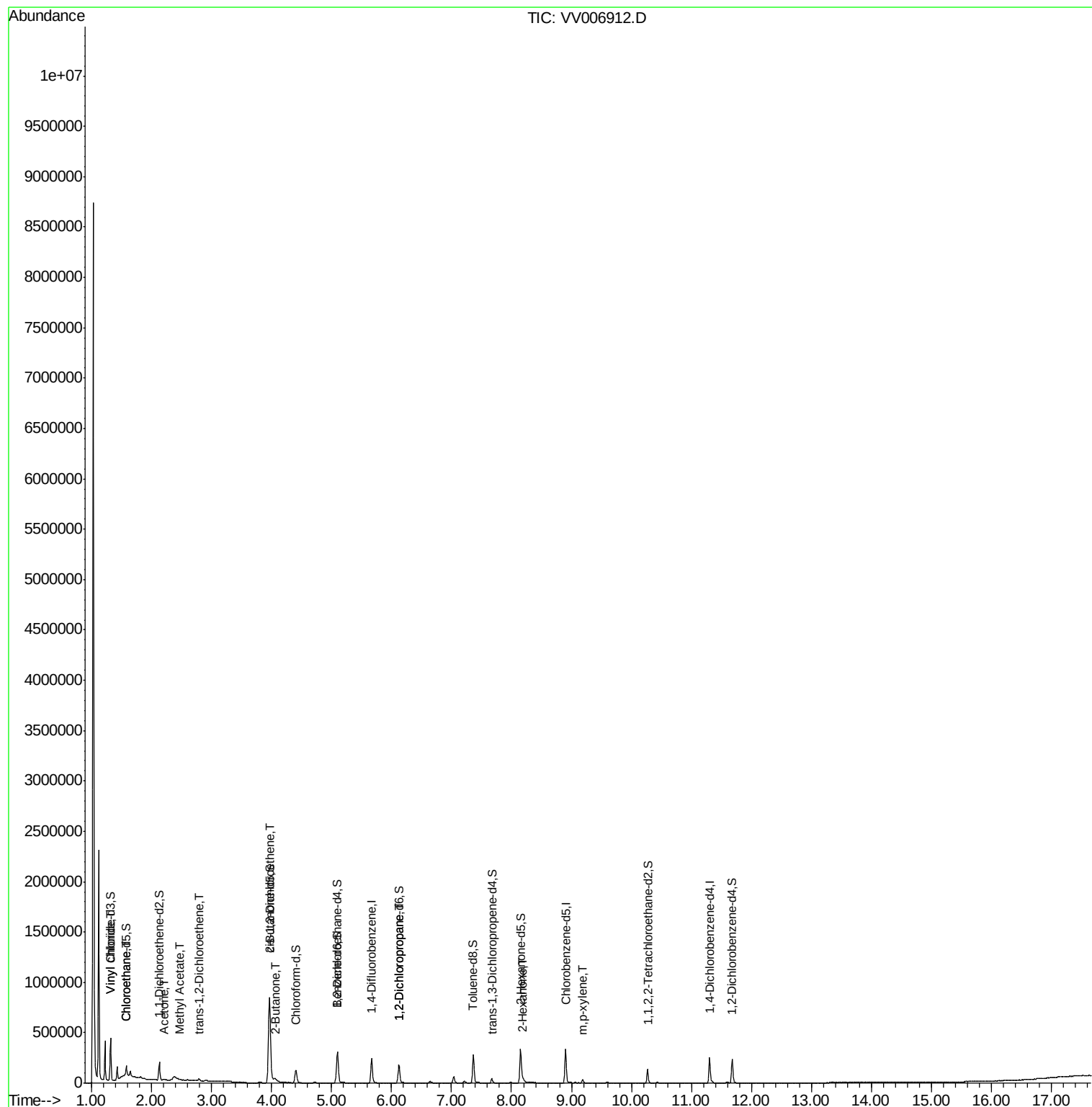
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	105664	5.731	ug/L	98
8) Chloroethane	1.57	64	236385	20.346	ug/L #	52
13) Acetone	2.21	43	12118	4.947	ug/L	89
15) Methyl Acetate	2.47	43	4090	0.608	ug/L #	78
18) trans-1,2-Dichloroethene	2.79	96	6425	0.456	ug/L	88
21) 2-Butanone	4.07	43	2128	0.528	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	410066	29.091	ug/L	100
37) 1,2-Dichloropropane	6.13	63	9148	0.589	ug/L #	88
48) 2-Hexanone	8.20	43	8574	1.413	ug/L #	72
53) m,p-xylene	9.19	106	6937	0.373	ug/L	87

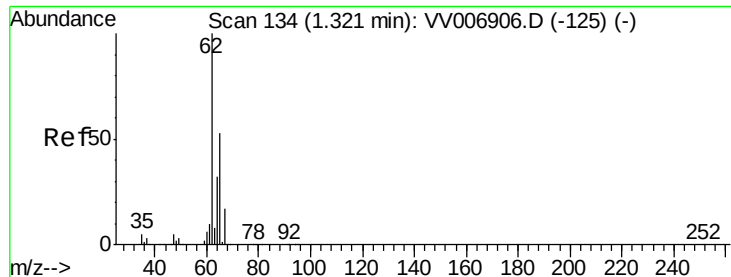
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.731 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV006912.D

Acq: 07 Aug 2018 22:10

Instrument :

MSVOA_V

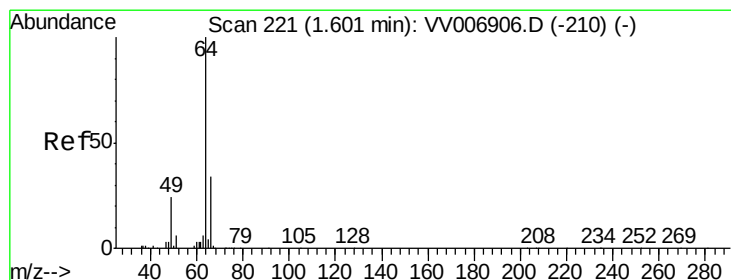
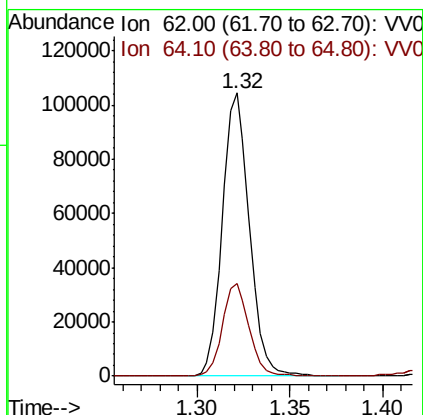
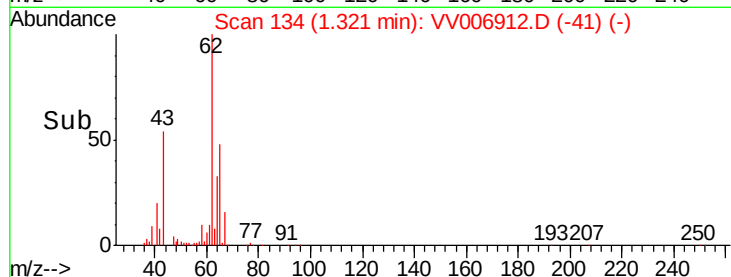
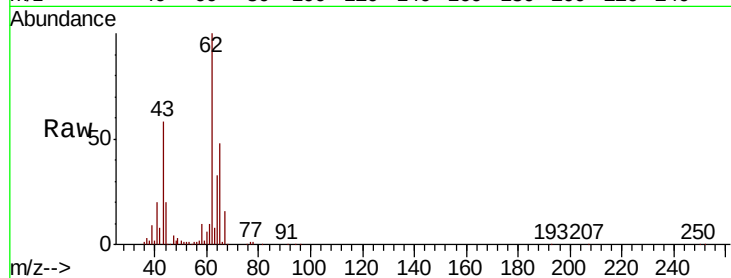
ClientSampled :

Tot Ion: 62 Resp: 105664

Ion Ratio Lower Upper

62 100

64 32.6 22.1 41.1



#8

Chloroethane

Concen: 20.346 ug/L

RT: 1.57 min Scan# 211

Delta R.T. -0.03 min

Lab File: VV006912.D

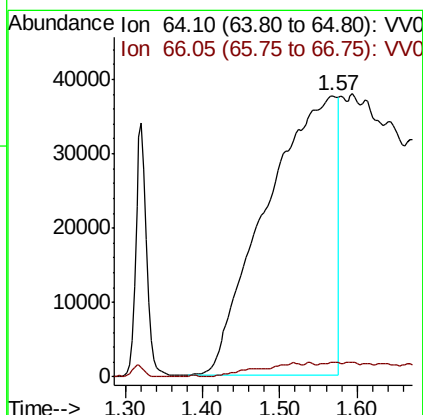
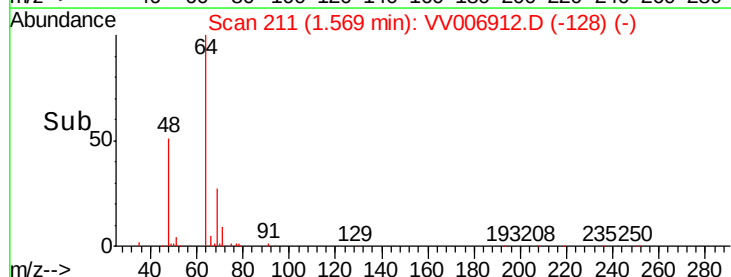
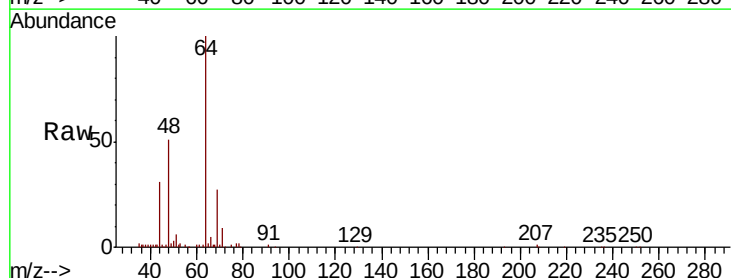
Acq: 07 Aug 2018 22:10

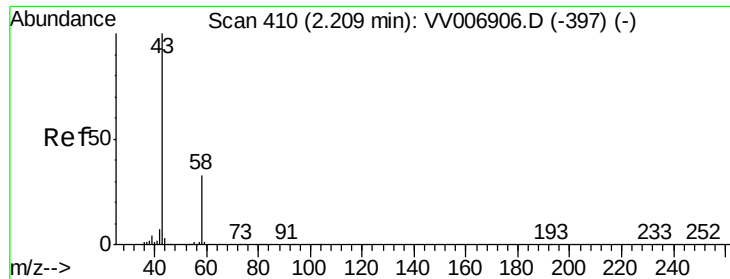
Tgt Ion: 64 Resp: 236385

Ion Ratio Lower Upper

64 100

66 5.4 22.6 42.0#

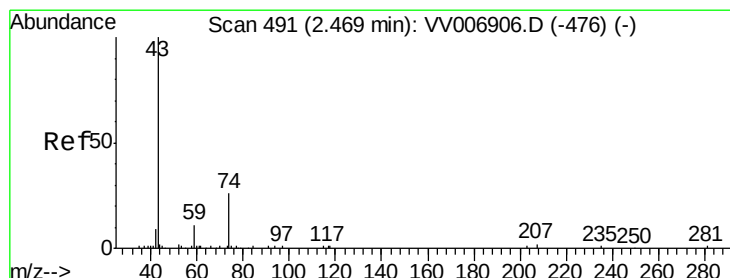
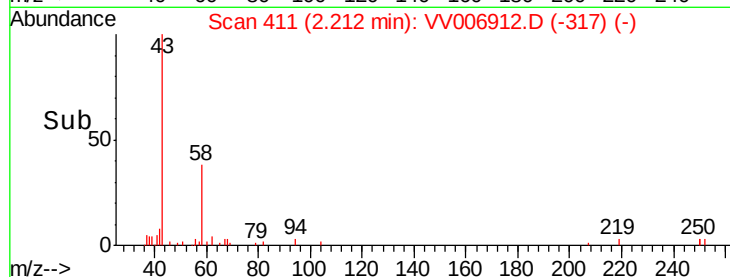
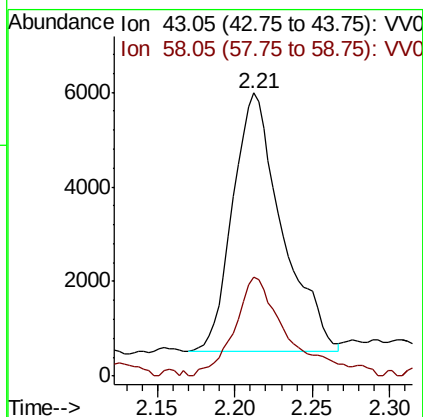
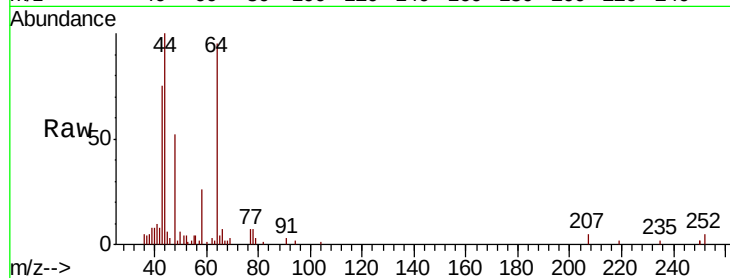




#13
Acetone
Concen: 4.947 ug/L
RT: 2.21 min Scan# 411
Delta R.T. 0.00 min
Lab File: VV006912.D
Acq: 07 Aug 2018 22:10

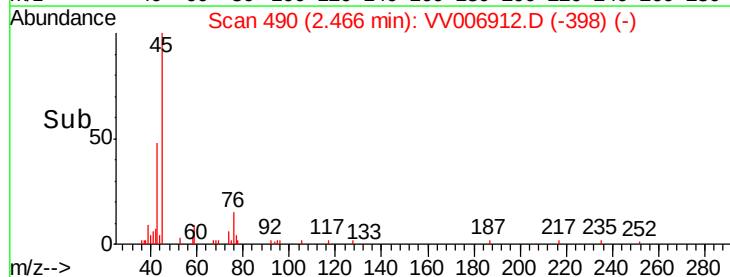
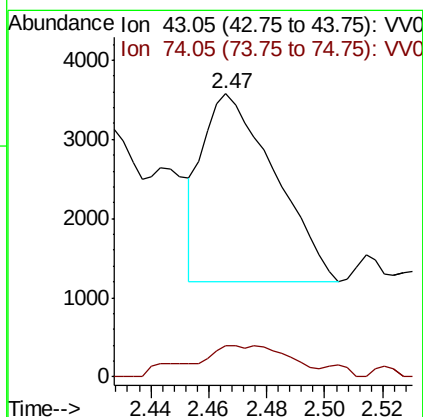
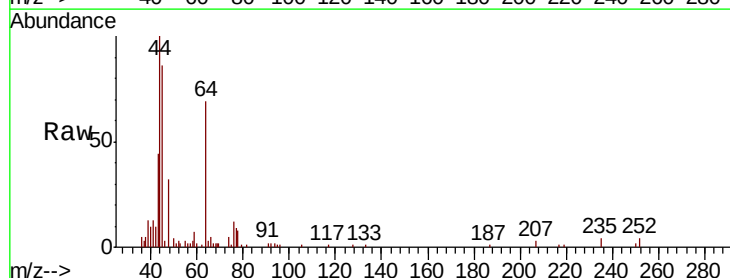
Instrument :
MSVOA_V
ClientSampleId :

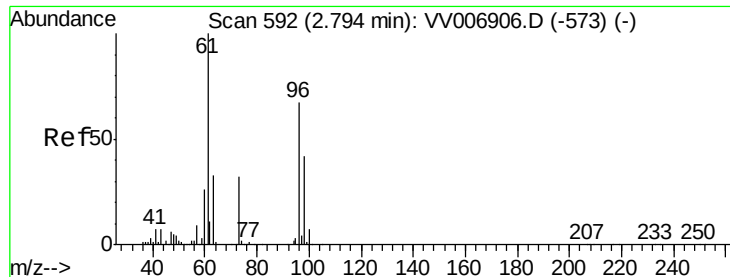
Tot Ion: 43 Resp: 12118
Ion Ratio Lower Upper
43 100
58 40.2 0.0 68.0



#15
Methyl Acetate
Concen: 0.608 ug/L
RT: 2.47 min Scan# 490
Delta R.T. -0.00 min
Lab File: VV006912.D
Acq: 07 Aug 2018 22:10

Tgt Ion: 43 Resp: 4090
Ion Ratio Lower Upper
43 100
74 12.6 18.6 27.8#





#18

trans-1,2-Dichloroethene

Concen: 0.456 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006912.D

Acq: 07 Aug 2018 22:10

Instrument :

MSVOA_V

ClientSampleId :

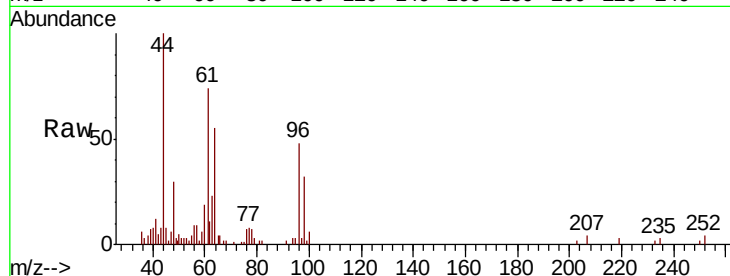
Tot Ion: 96 Resp: 6425

Ion Ratio Lower Upper

96 100

61 156.2 97.3 180.7

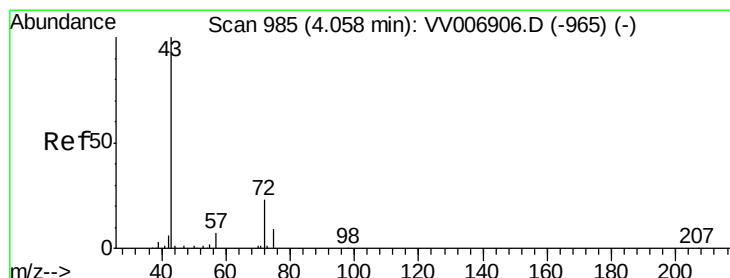
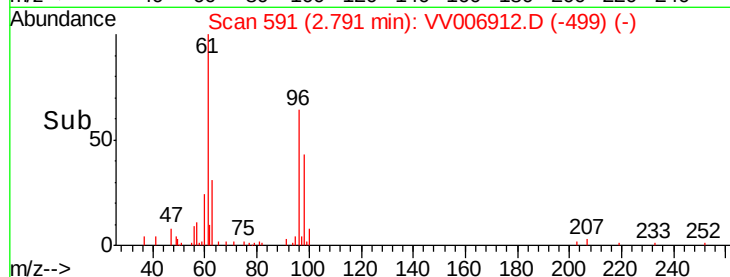
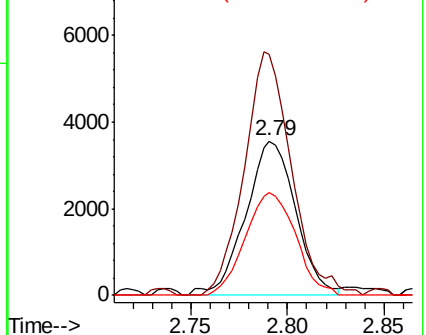
98 66.6 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006912.D (-499) (-)

Ion 61.05 (60.75 to 61.75): VV006912.D (-499) (-)

Ion 97.95 (97.65 to 98.65): VV006912.D (-499) (-)



#21

2-Butanone

Concen: 0.528 ug/L

RT: 4.07 min Scan# 989

Delta R.T. 0.01 min

Lab File: VV006912.D

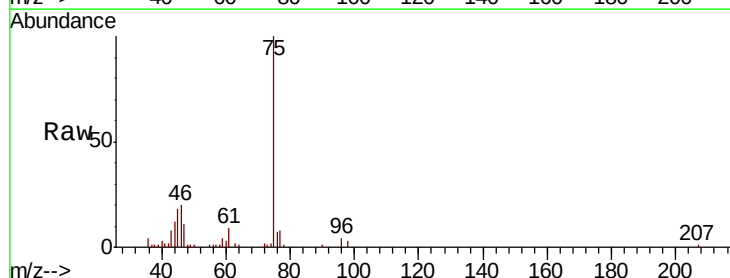
Acq: 07 Aug 2018 22:10

Tgt Ion: 43 Resp: 2128

Ion Ratio Lower Upper

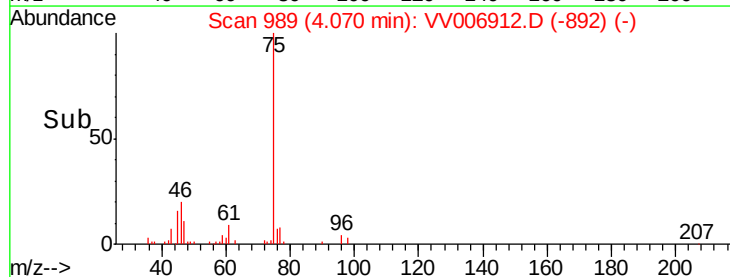
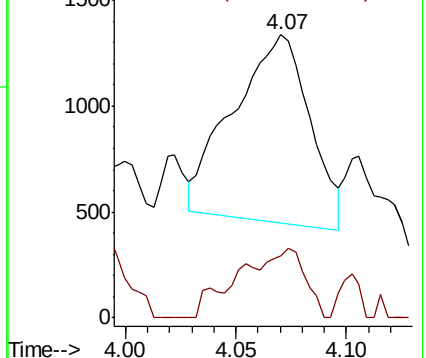
43 100

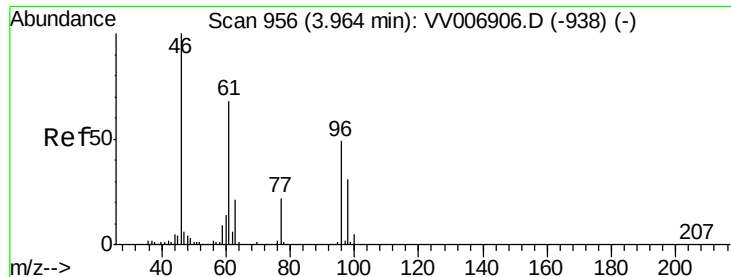
72 17.7 11.9 35.5



Abundance Ion 43.05 (42.75 to 43.75): VV006912.D (-892) (-)

Ion 72.10 (71.80 to 72.80): VV006912.D (-892) (-)





#22

cis-1,2-Dichloroethene

Concen: 29.091 ug/L

RT: 3.96 min Scan# 956

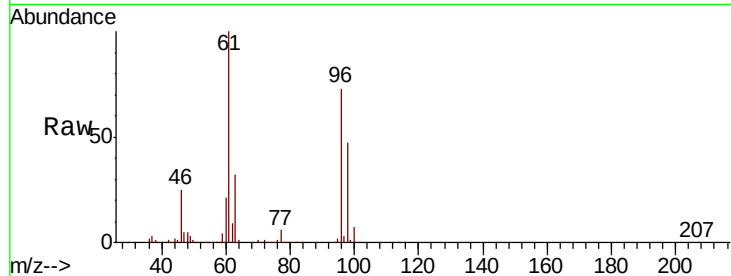
Delta R.T. 0.00 min

Lab File: VV006912.D

Acq: 07 Aug 2018 22:10

Instrument :
MSVOA_V
ClientSampleId :

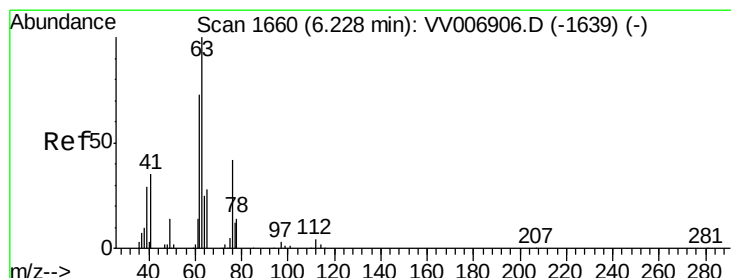
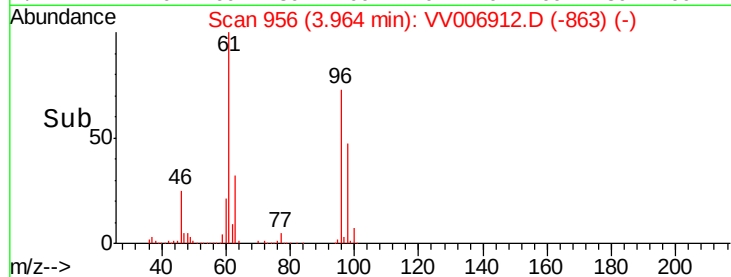
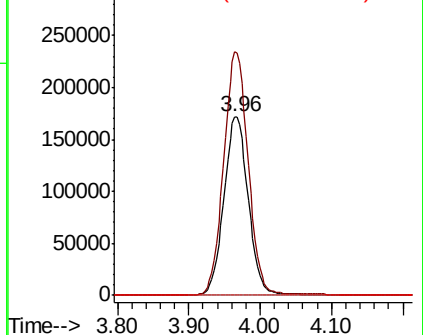
Tot Ion:	96	Resp:	410066
Ion	Ratio	Lower	Upper
96	100		
61	136.4	95.5	177.4
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006912.D (-1567) (-)

Ion 61.05 (60.75 to 61.75): VV006912.D (-1567) (-)

Ion 68.15 (67.85 to 68.85): VV006912.D (-1567) (-)



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

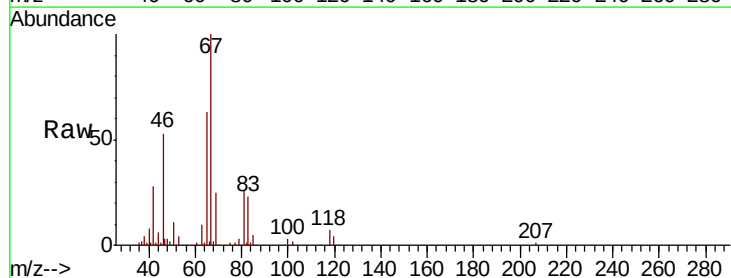
RT: 6.13 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006912.D

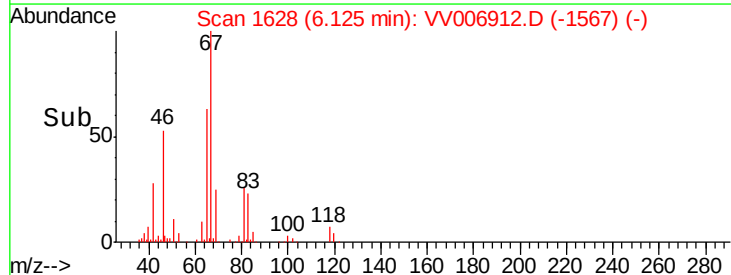
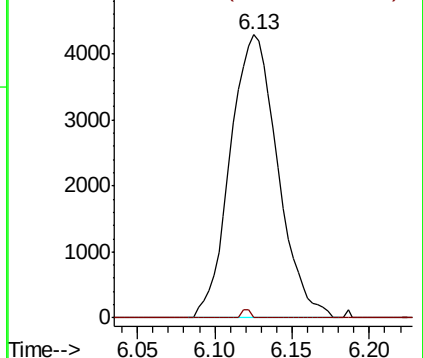
Acq: 07 Aug 2018 22:10

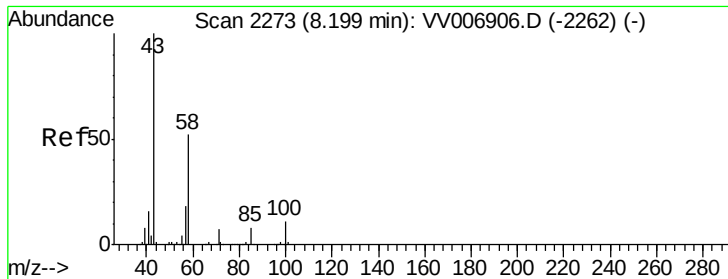
Tgt Ion:	63	Resp:	9148
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.5	5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV006912.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV006912.D (-1567) (-)

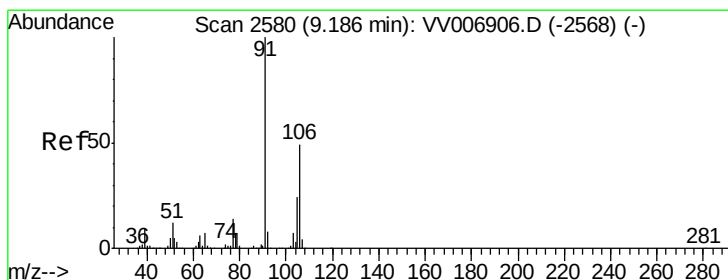
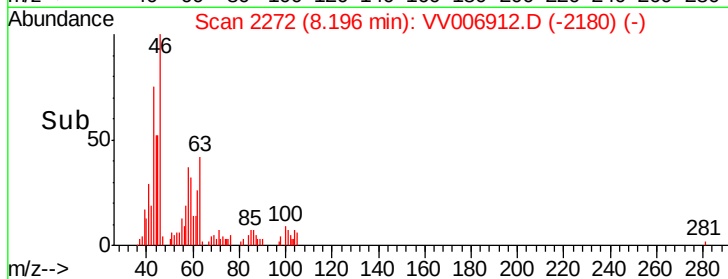
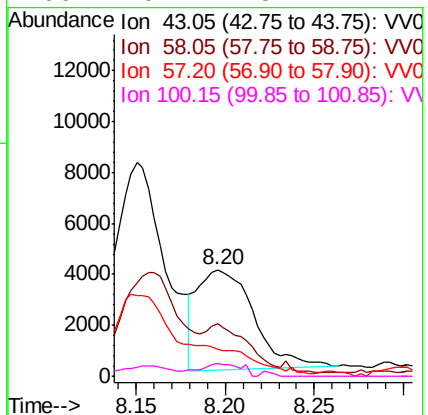
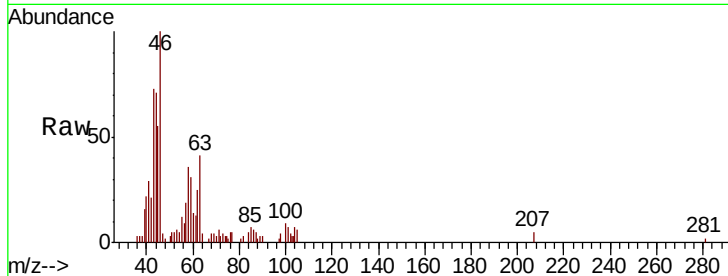




#48
2-Hexanone
Concen: 1.413 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006912.D
Acq: 07 Aug 2018 22:10

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8574
Ion Ratio Lower Upper
43 100
58 31.6 42.0 63.0#
57 0.0 14.1 21.1#
100 9.4 8.1 12.1



#53
m,p-xylene
Concen: 0.373 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. 0.00 min
Lab File: VV006912.D
Acq: 07 Aug 2018 22:10

Tgt Ion: 106 Resp: 6937
Ion Ratio Lower Upper
106 100
91 190.4 147.7 274.3

