

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007268.D
 Acq On : 30 Aug 2018 17:27
 Operator : SY/MD
 Sample : IBLK
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:23:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:21:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	356869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	351450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117543	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	93933	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.13	63	151425	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.98	46	239777	39.37	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.74%
24) Chloroform-d	4.41	84	198364	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
26) 1,2-Dichloroethane-d4	5.09	65	95983	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
32) Benzene-d6	5.10	84	416786	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	6.12	67	129673	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.20%
41) Toluene-d8	7.36	98	332817	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	7.67	79	43520	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.15	63	151493	36.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89521	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	117004	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

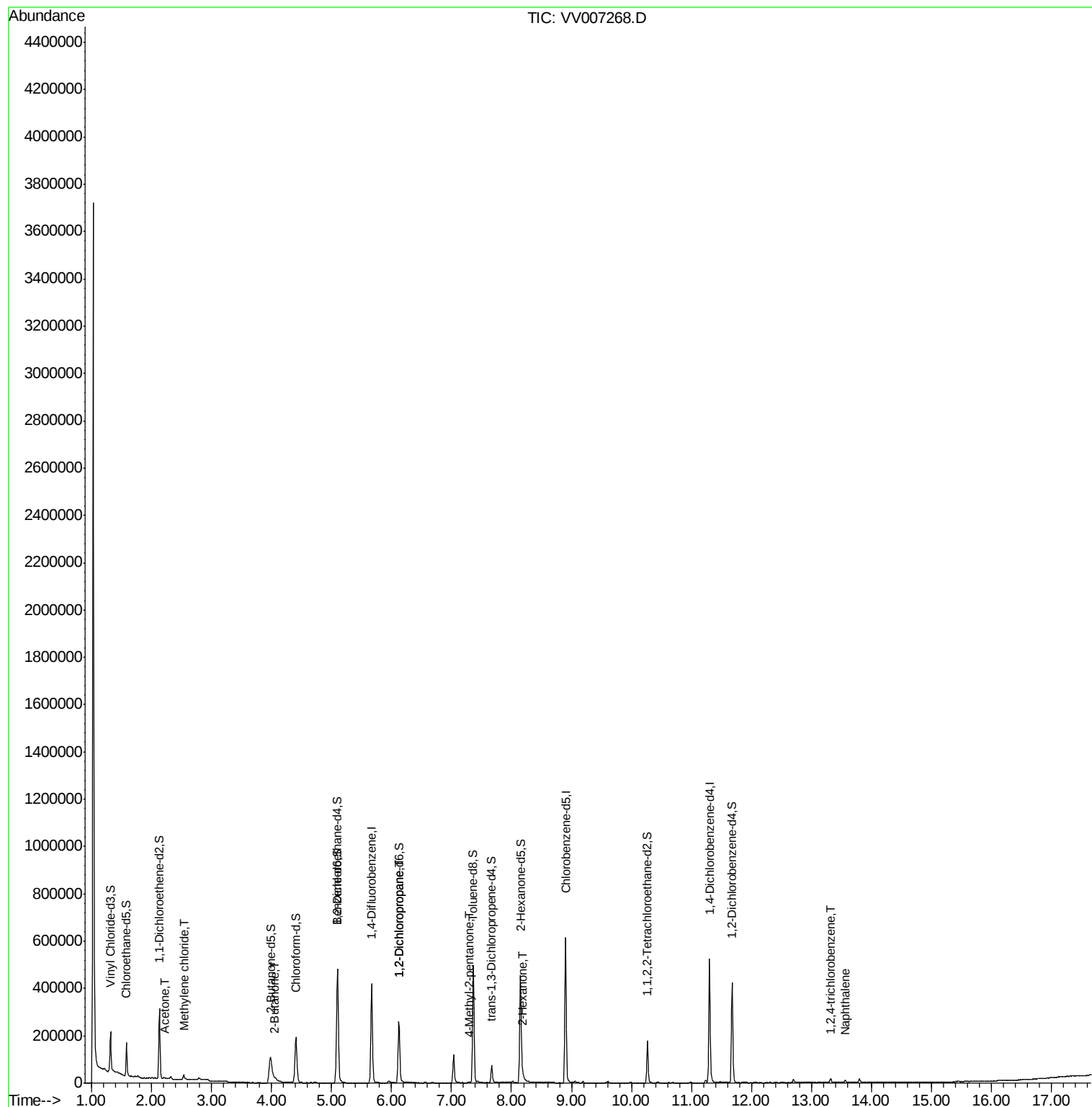
					Ovalue
13) Acetone	2.23	43	4208	1.254 ug/L	72
16) Methylene chloride	2.54	84	7342	0.253 ug/L	99
21) 2-Butanone	4.06	43	1593	0.264 ug/L	78
37) 1,2-Dichloropropane	6.12	63	13354	0.454 ug/L #	86
40) 4-Methyl-2-pentanone	7.29	43	3886	0.291 ug/L #	80
48) 2-Hexanone	8.20	43	6400	0.671 ug/L #	82
68) 1,2,4-trichlorobenzene	13.32	180	5765	0.202 ug/L	94
69) Naphthalene	13.56	128	8668	0.217 ug/L	98

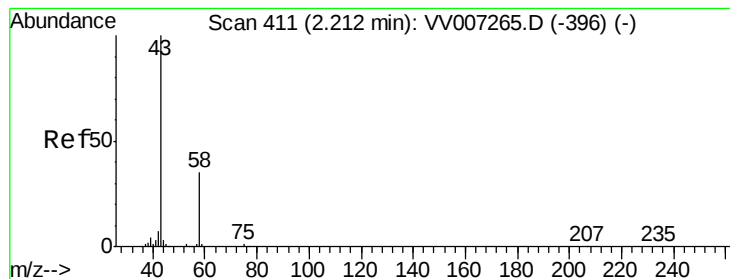
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 02:21:46 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.254 ug/L

RT: 2.23 min Scan# 417

Delta R.T. 0.02 min

Lab File: VV007268.D

Acq: 30 Aug 2018 17:27

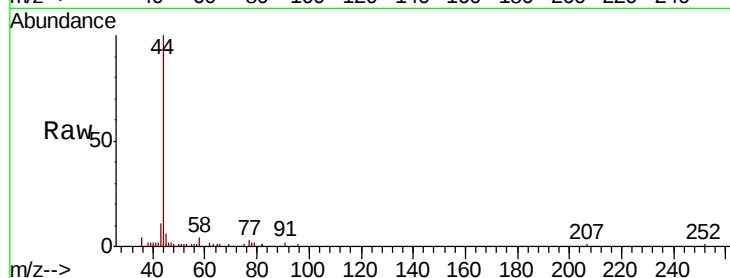
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4208

Ion Ratio Lower Upper

43 100

58 19.4 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007265.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007265.D (-396) (-)

2.23

1500

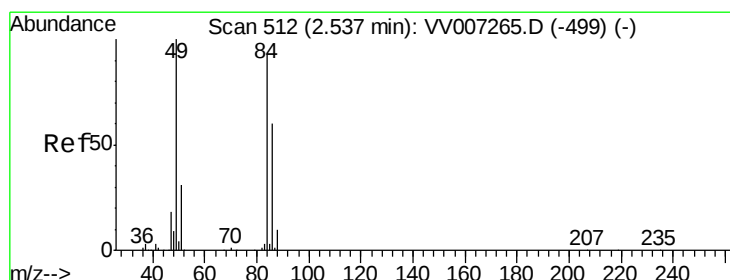
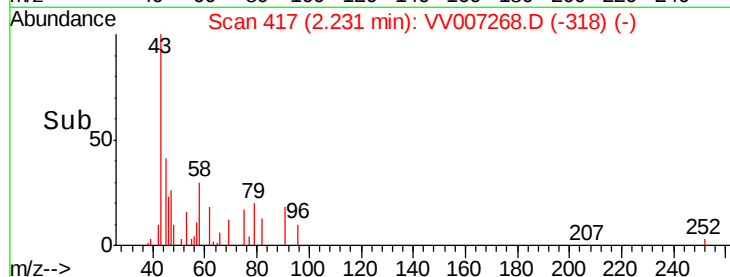
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#16

Methylene chloride

Concen: 0.253 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007268.D

Acq: 30 Aug 2018 17:27

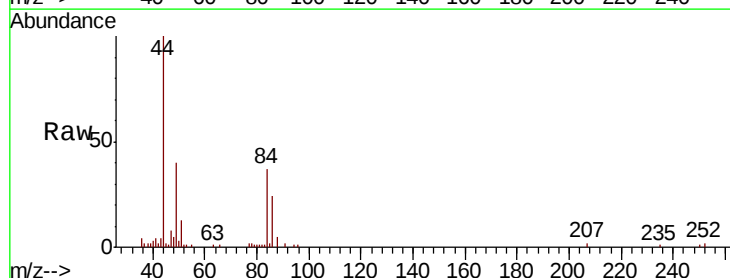
Tgt Ion: 84 Resp: 7342

Ion Ratio Lower Upper

84 100

86 64.4 44.8 83.2

49 106.0 75.2 139.6



Abundance Ion 84.05 (83.75 to 84.75): VV007265.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV007265.D (-499) (-)

Ion 49.10 (48.80 to 49.80): VV007265.D (-499) (-)

2.54

6000

5000

4000

3000

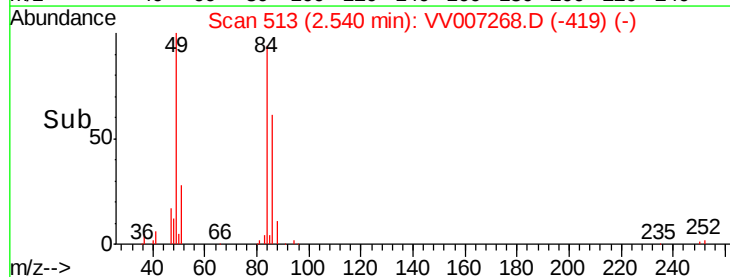
2000

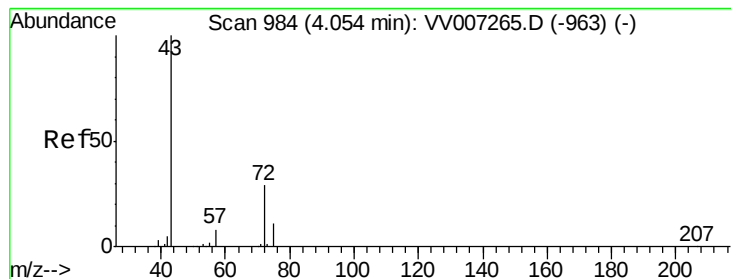
1000

0

2.50 2.55 2.60

Time-->





#21

2-Butanone

Concen: 0.264 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.01 min

Lab File: VV007268.D

Acq: 30 Aug 2018 17:27

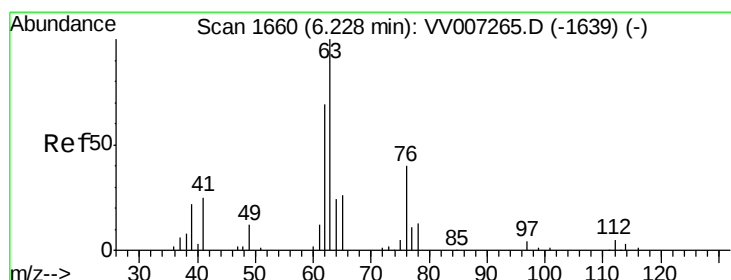
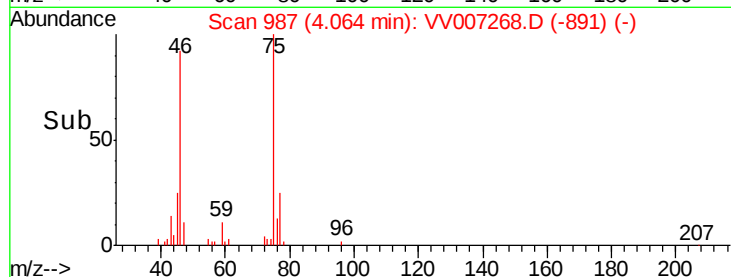
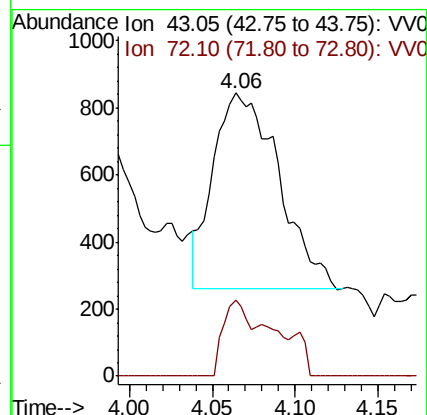
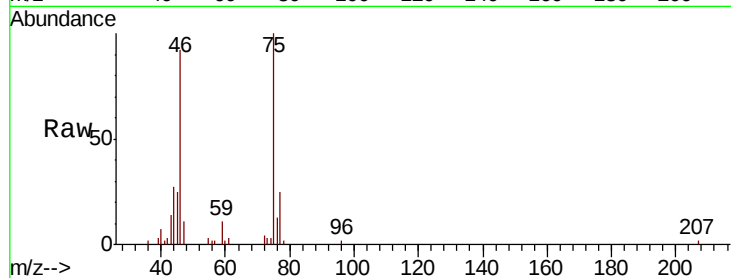
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1593

Ion Ratio Lower Upper

43 100

72 16.6 14.1 42.3



#37

1,2-Dichloropropane

Concen: 0.454 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV007268.D

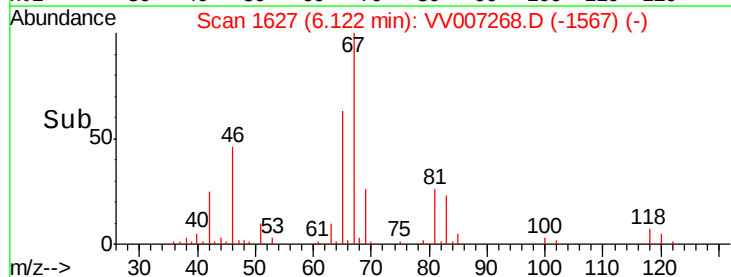
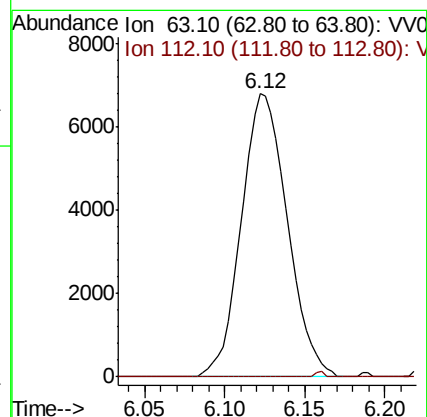
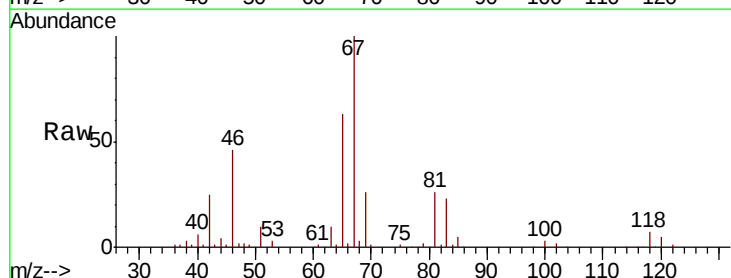
Acq: 30 Aug 2018 17:27

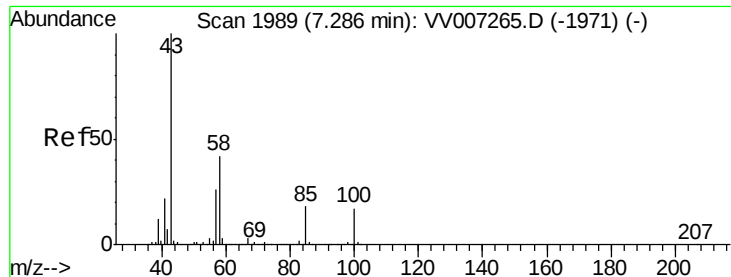
Tgt Ion: 63 Resp: 13354

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#

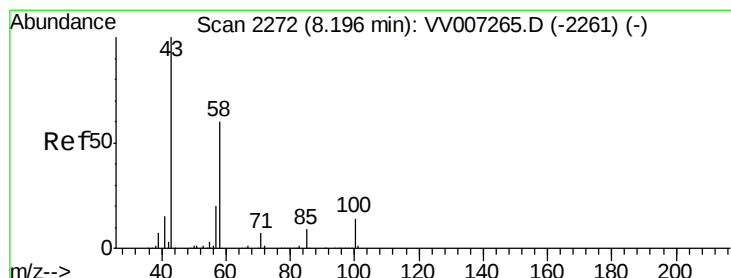
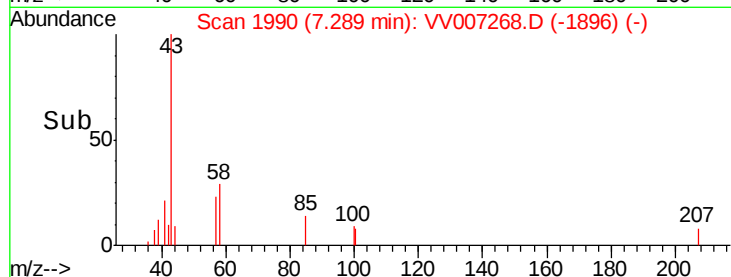
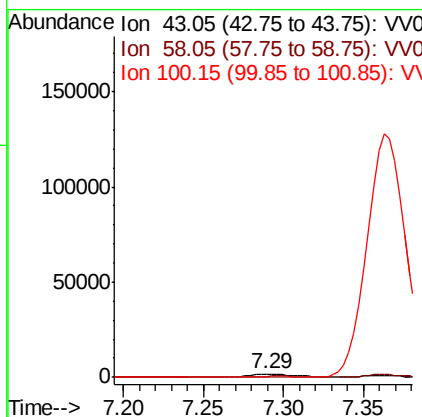
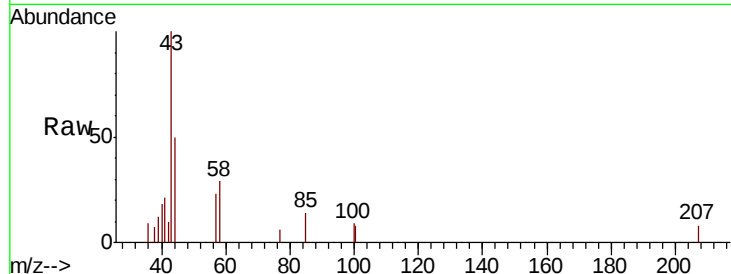




#40
 4-Methyl-2-pentanone
 Concen: 0.291 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV007268.D
 Acq: 30 Aug 2018 17:27

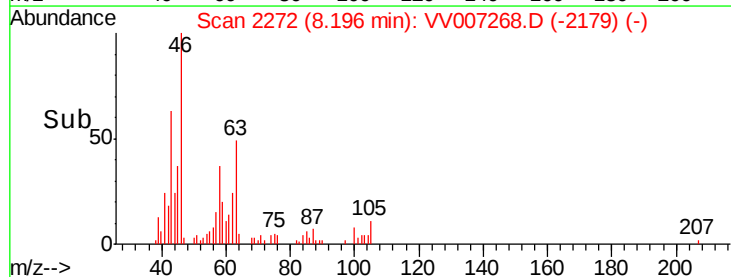
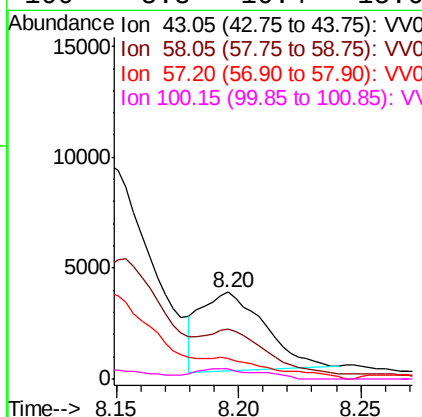
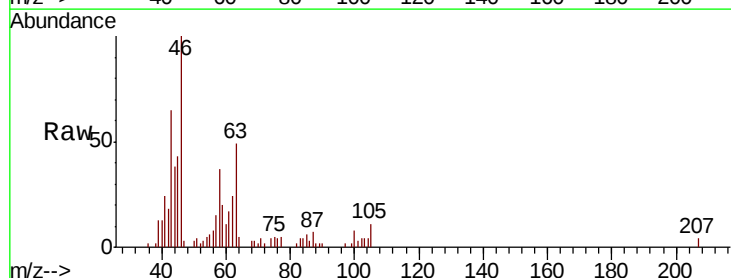
Instrument :
 MSVOA_V
 ClientSampleId :

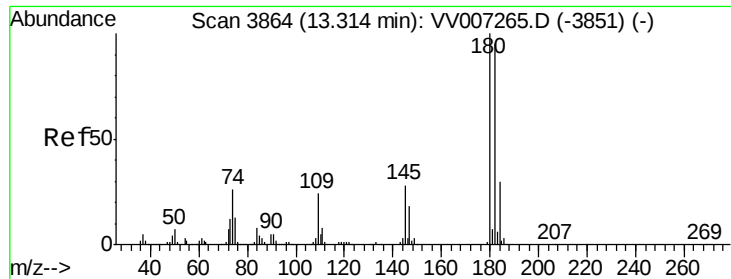
Tot Ion: 43 Resp: 3886
 Ion Ratio Lower Upper
 43 100
 58 32.6 32.7 49.1#
 100 0.0 13.1 19.7#



#48
 2-Hexanone
 Concen: 0.671 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV007268.D
 Acq: 30 Aug 2018 17:27

Tgt Ion: 43 Resp: 6400
 Ion Ratio Lower Upper
 43 100
 58 51.1 46.6 69.8
 57 0.0 15.4 23.0#
 100 5.8 10.4 15.6#

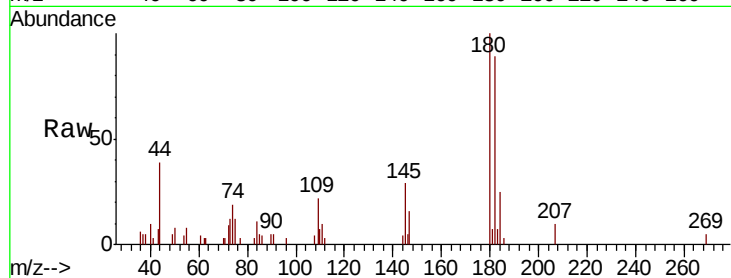




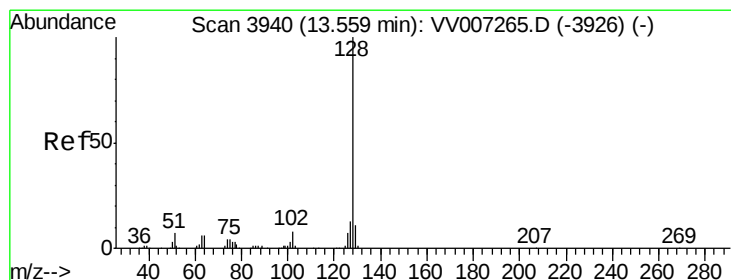
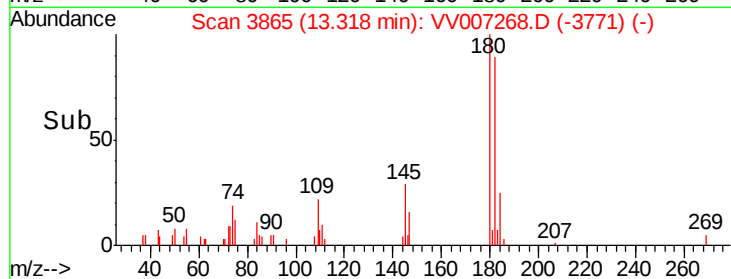
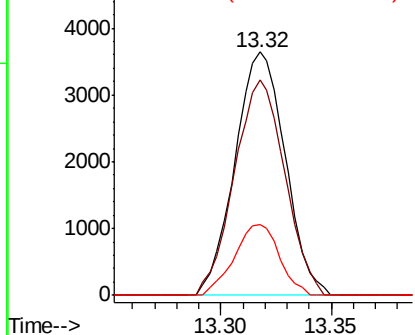
#68
 1,2,4-trichlorobenzene
 Concen: 0.202 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV007268.D
 Acq: 30 Aug 2018 17:27

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.3	114.5
145	26.0	22.4	33.6

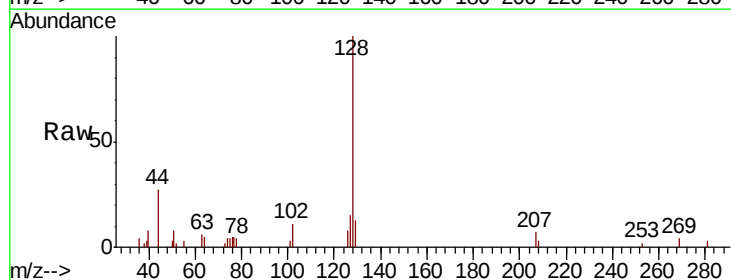


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.217 ug/L
 RT: 13.56 min Scan# 3940
 Delta R.T. 0.00 min
 Lab File: VV007268.D
 Acq: 30 Aug 2018 17:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	12.5	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

