

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006647.D
 Acq On : 19 Jul 2018 17:18
 Operator : SY/MD
 Sample : J3983-07
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB172

Quant Time: Jul 20 05:11:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250248	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103760	5.00	ug/L	0.00

System Monitoring Compounds

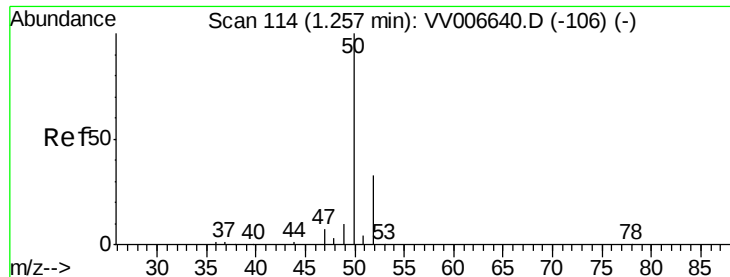
4) Vinyl Chloride-d3	1.32	65	93614	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	70073	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.13	63	122902	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	179672	47.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.41	84	144454	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	69510	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	316924	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.13	67	96550	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	283726	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	32004	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	155874	47.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66542	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	96740	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	14620	0.727 ug/L #	49
5) Vinyl chloride	1.32	62	14173	0.545 ug/L #	1
13) Acetone	2.20	43	3538	1.209 ug/L	96
14) Carbon disulfide	2.32	76	21330	0.355 ug/L	98
15) Methyl Acetate	2.47	43	3184	0.371 ug/L	92
18) trans-1,2-Dichloroethene	2.79	96	134973	6.610 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	397938	18.613 ug/L	100
34) Trichloroethene	5.96	95	155989	7.659 ug/L	99
35) Methylcyclohexane	6.13	83	22374	0.658 ug/L #	18
47) Tetrachloroethene	8.02	164	12868	0.787 ug/L	99
48) 2-Hexanone	8.14	43	16562	2.134 ug/L #	65
49) Dibromochloromethane	8.02	129	11444	0.782 ug/L #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
Data File : VV006647.D
Acq On : 19 Jul 2018 17:18
Operator : SY/MD
Sample : J3983-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1



#3

Chloromethane

Concen: 0.727 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

Instrument :

MSVOA_V

ClientSampleId :

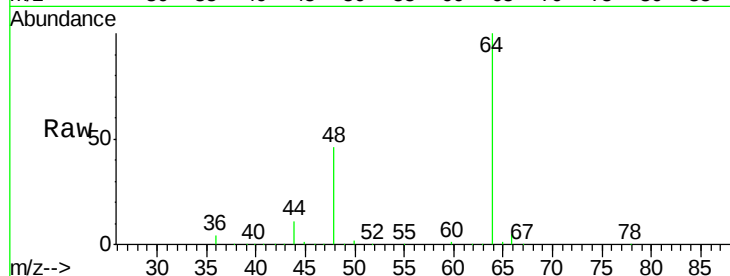
DB172

Tgt Ion: 50 Resp: 14620

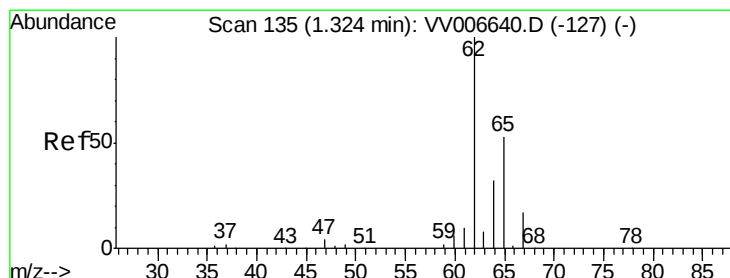
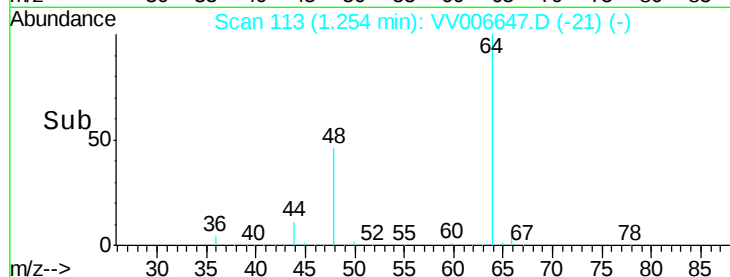
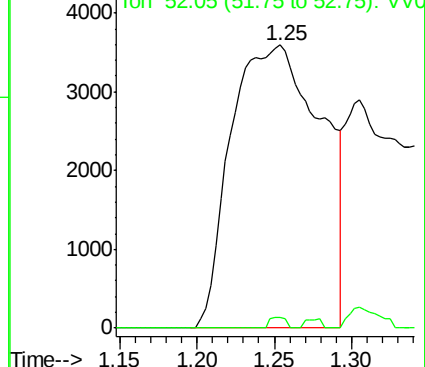
Ion Ratio Lower Upper

50 100

52 4.0 23.2 43.0#



Abundance Ion 50.05 (49.75 to 50.75): VV006647.D (-106) (-)



#5

Vinyl chloride

Concen: 0.545 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006647.D

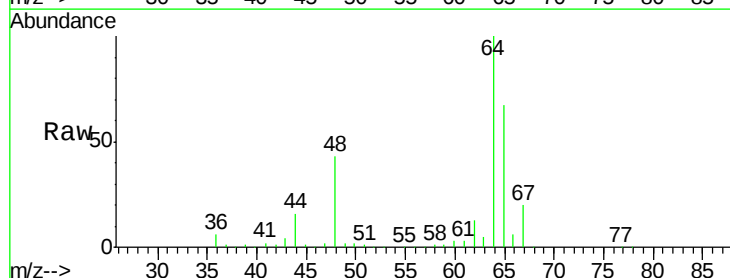
Acq: 19 Jul 2018 17:18

Tgt Ion: 62 Resp: 14173

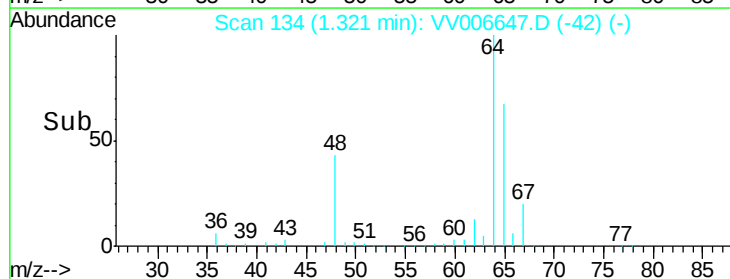
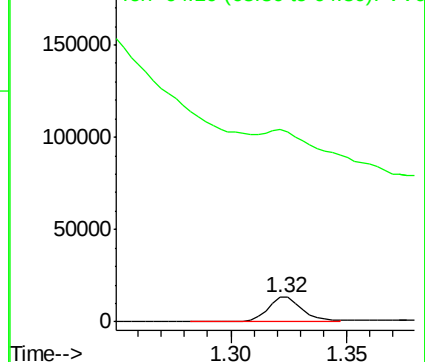
Ion Ratio Lower Upper

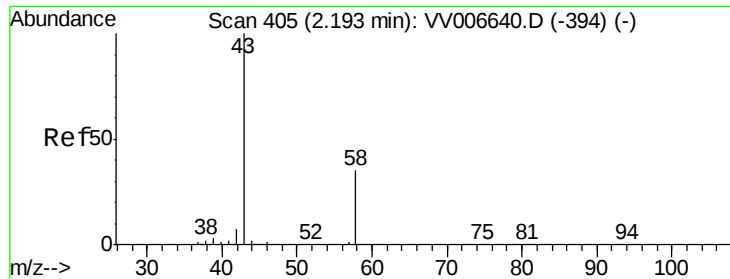
62 100

64 788.0 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV006647.D (-127) (-)





#13

Acetone

Concen: 1.209 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

Instrument :

MSVOA_V

ClientSampled :

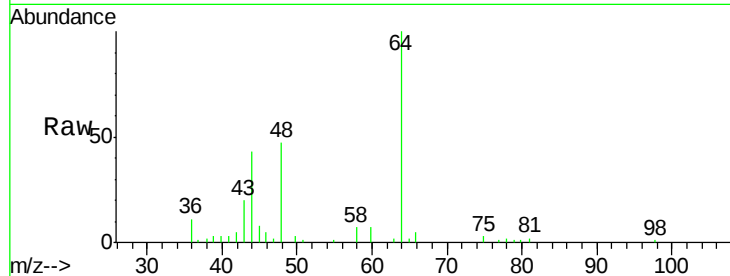
DB172

Tgt Ion: 43 Resp: 3538

Ion Ratio Lower Upper

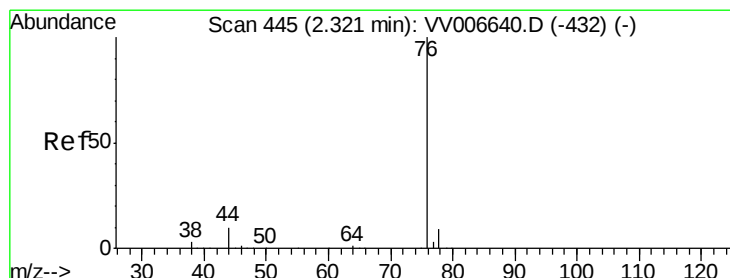
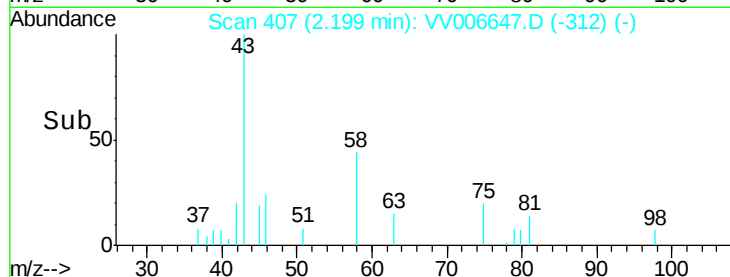
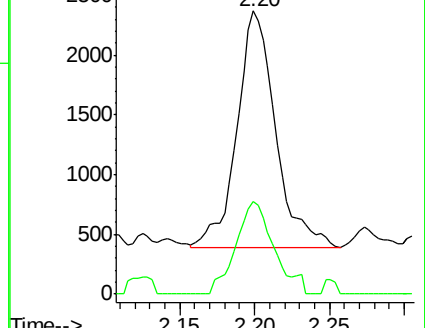
43 100

58 38.6 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006647.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV006647.D (-312) (-)



#14

Carbon disulfide

Concen: 0.355 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006647.D

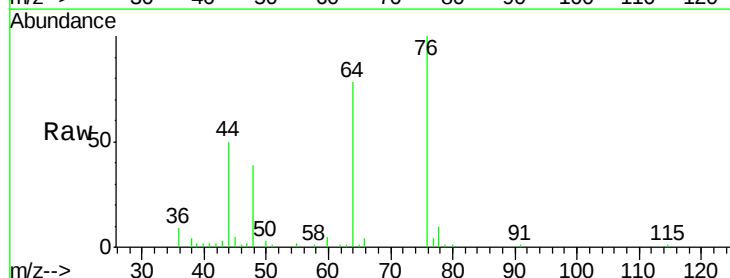
Acq: 19 Jul 2018 17:18

Tgt Ion: 76 Resp: 21330

Ion Ratio Lower Upper

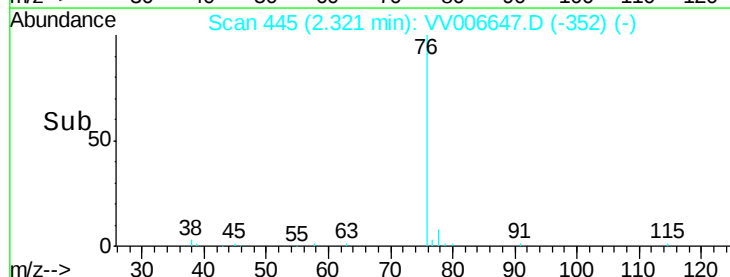
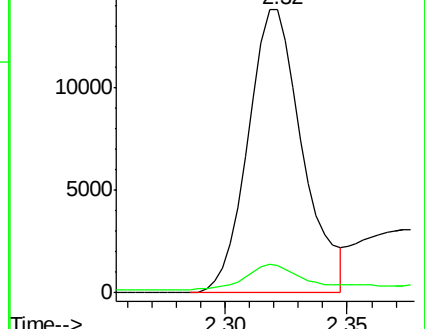
76 100

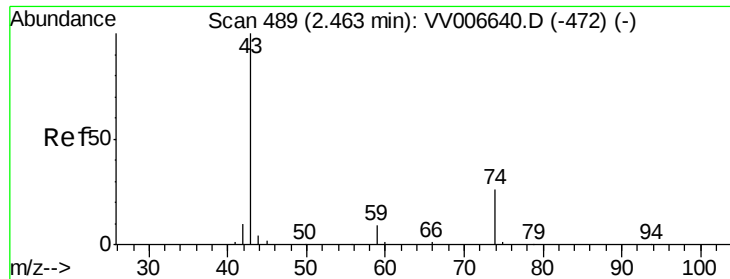
78 9.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006647.D (-352) (-)

Ion 78.00 (77.70 to 78.70): VV006647.D (-352) (-)

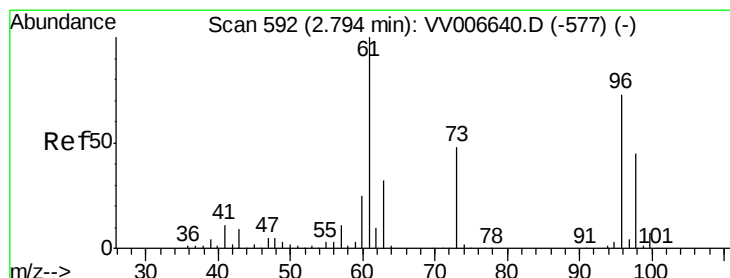
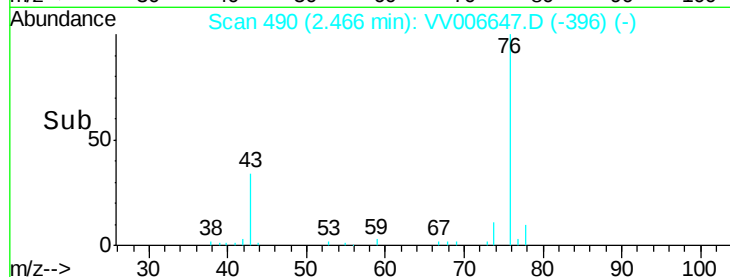
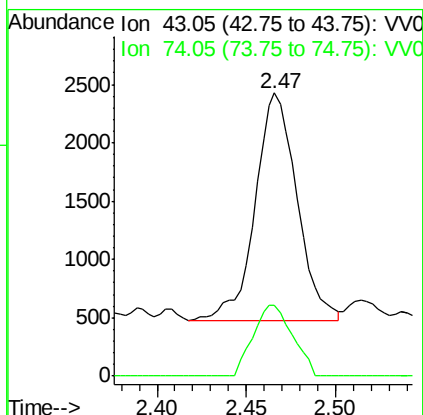
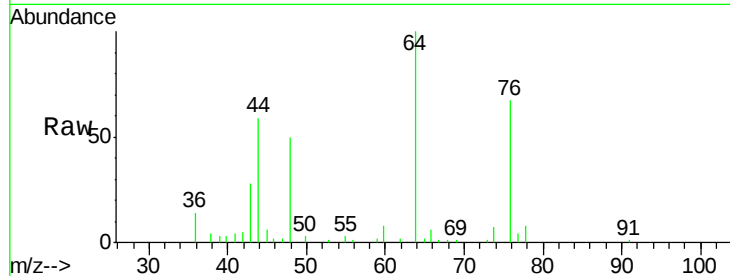




#15
Methyl Acetate
Concen: 0.371 ug/L
RT: 2.47 min Scan# 490
Delta R.T. 0.00 min
Lab File: VV006647.D
Acq: 19 Jul 2018 17:18

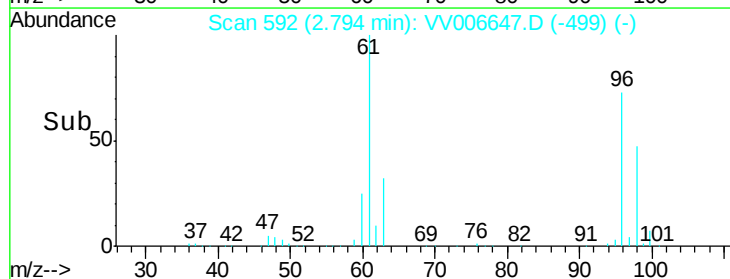
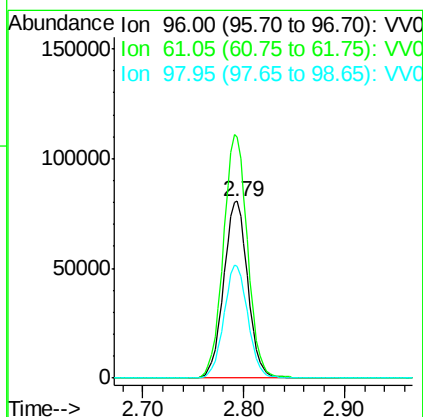
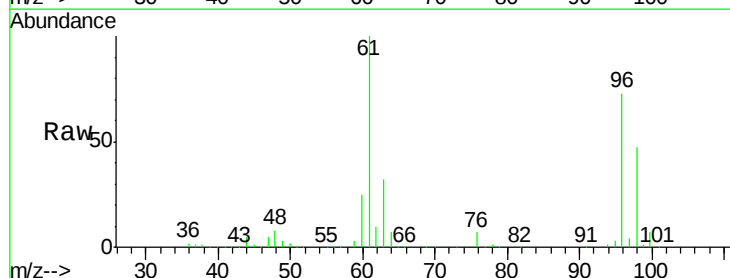
Instrument :
MSVOA_V
ClientSampled :
DB172

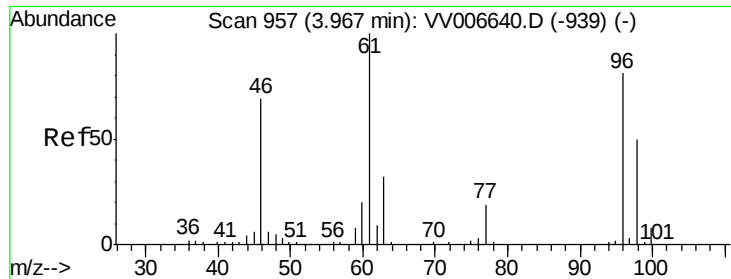
Tgt Ion: 43 Resp: 3184
Ion Ratio Lower Upper
43 100
74 29.7 20.3 30.5



#18
trans-1,2-Dichloroethene
Concen: 6.610 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006647.D
Acq: 19 Jul 2018 17:18

Tgt Ion: 96 Resp: 134973
Ion Ratio Lower Upper
96 100
61 136.4 96.0 178.4
98 63.5 43.5 80.9

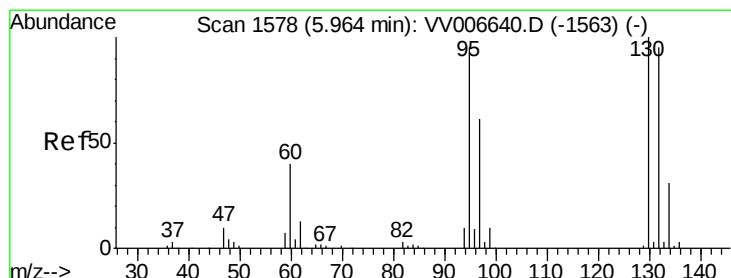
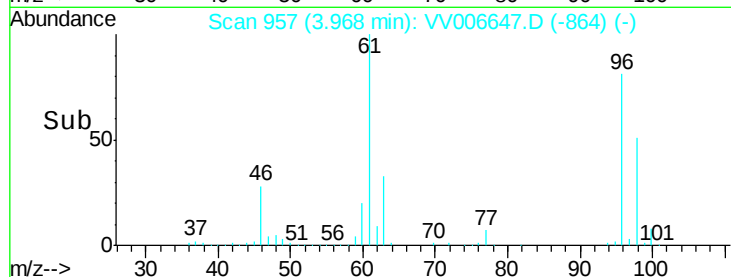
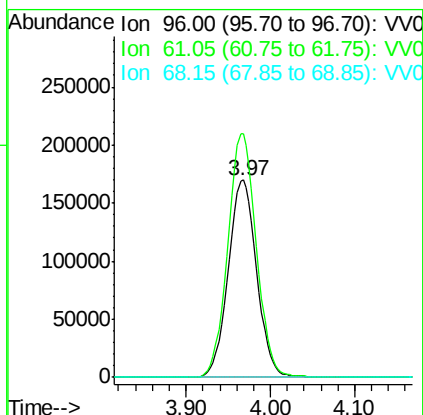
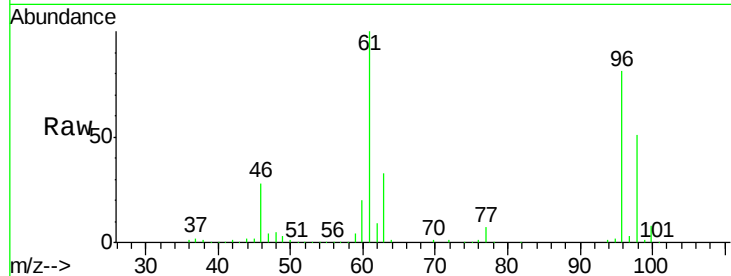




#22
 cis-1,2-Dichloroethene
 Concen: 18.613 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006647.D
 Acq: 19 Jul 2018 17:18

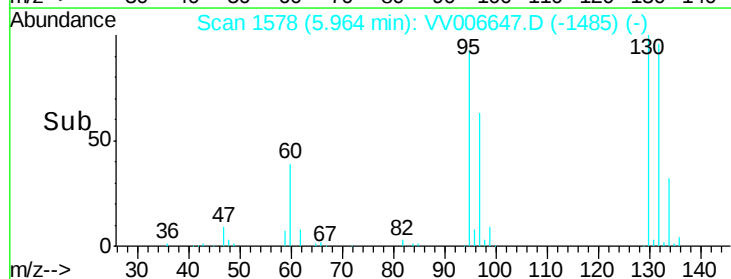
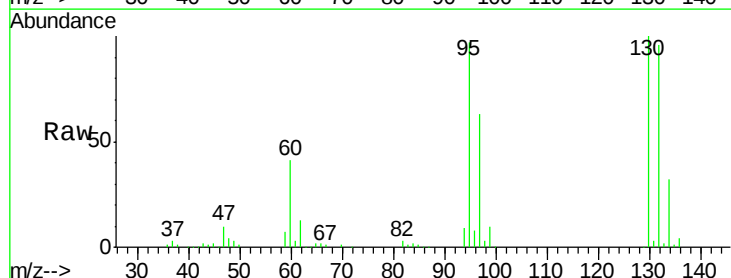
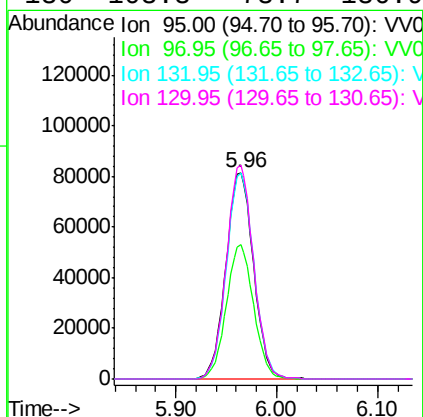
Instrument :
 MSVOA_V
 ClientSampled :
 DB172

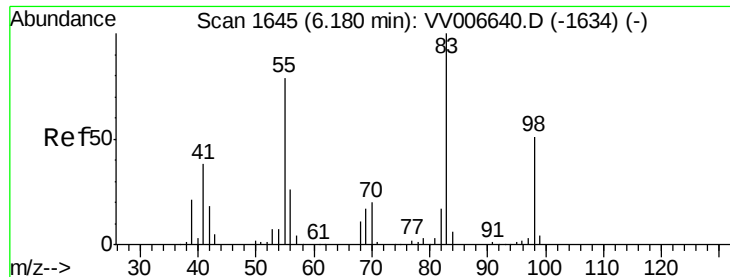
Tgt Ion: 96 Resp: 397938
 Ion Ratio Lower Upper
 96 100
 61 123.3 86.2 160.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 7.659 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006647.D
 Acq: 19 Jul 2018 17:18

Tgt Ion: 95 Resp: 155989
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.3 84.1
 132 99.5 70.3 130.7
 130 103.3 73.7 136.9





#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.13 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

Instrument :

MSVOA_V

ClientSampleId :

DB172

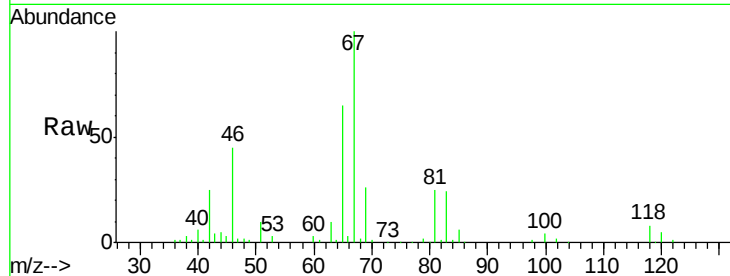
Tgt Ion: 83 Resp: 22374

Ion Ratio Lower Upper

83 100

55 0.8 61.3 91.9#

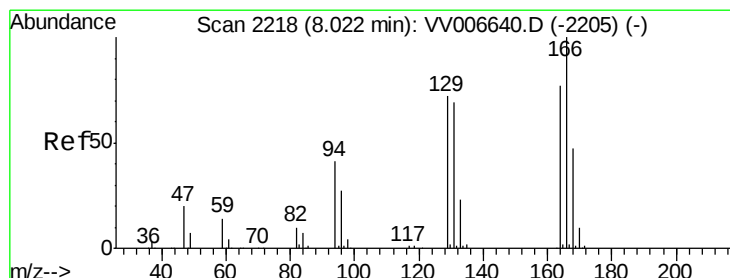
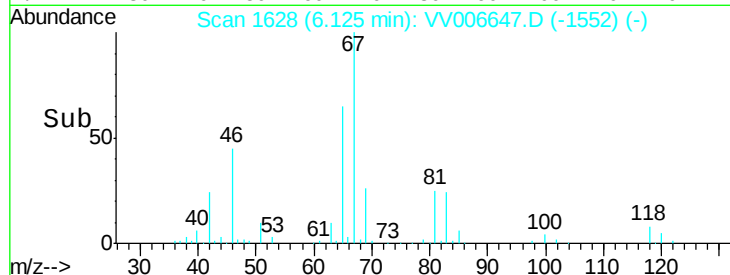
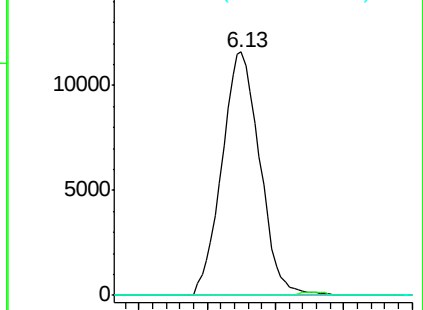
98 0.0 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#47

Tetrachloroethene

Concen: 0.787 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

Tgt Ion: 164 Resp: 12868

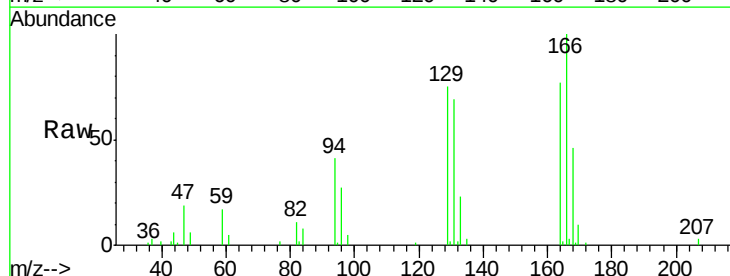
Ion Ratio Lower Upper

164 100

129 97.1 65.9 122.5

131 89.3 62.9 116.7

166 130.2 91.4 169.8

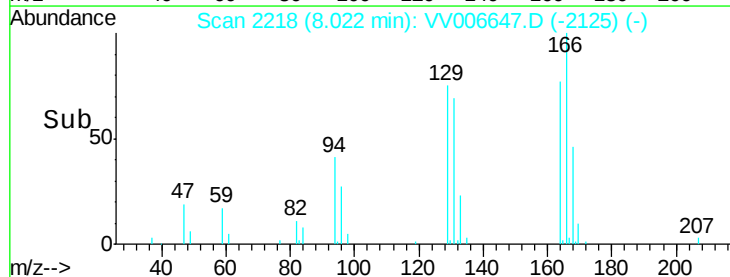
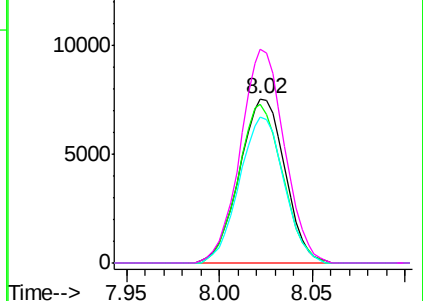


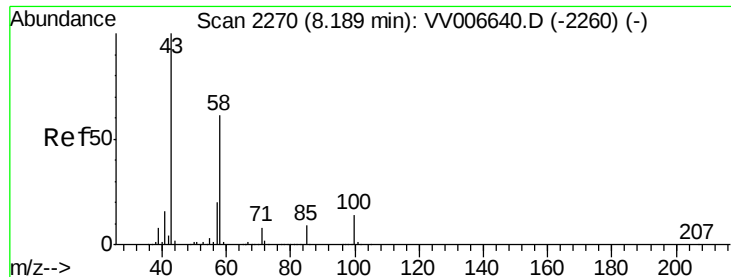
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

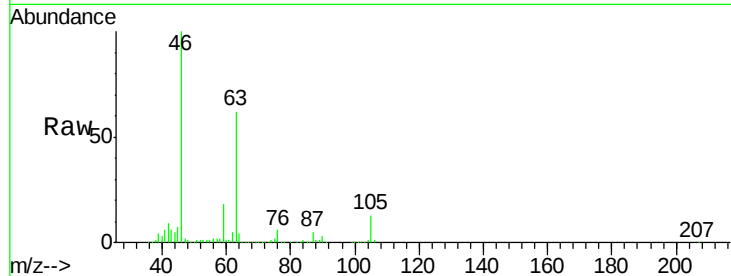




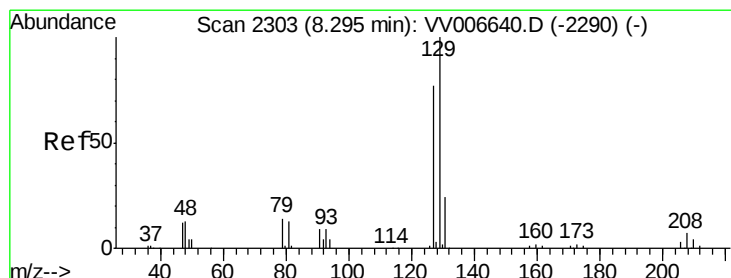
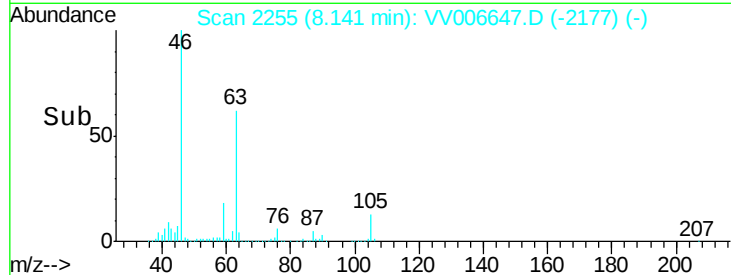
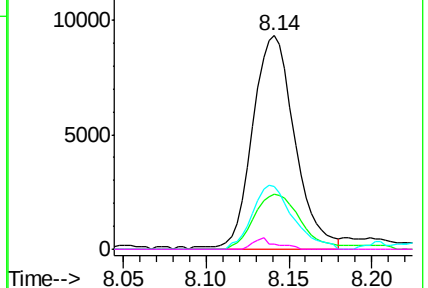
#48
2-Hexanone
Concen: 2.134 ug/L
RT: 8.14 min Scan# 2255
Delta R.T. -0.05 min
Lab File: VV006647.D
Acq: 19 Jul 2018 17:18

Instrument :
MSVOA_V
ClientSampleId :
DB172

Tgt Ion: 43 Resp: 16562
Ion Ratio Lower Upper
43 100
58 28.6 48.2 72.2#
57 28.9 16.2 24.4#
100 2.7 11.0 16.4#

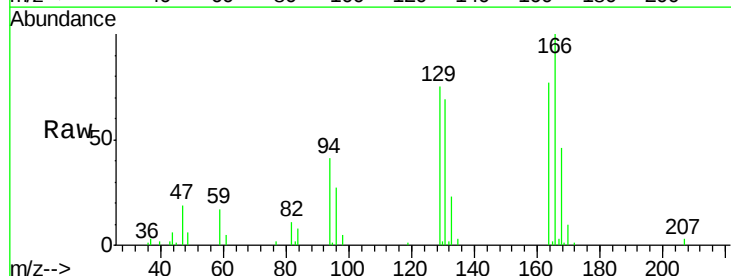


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#49
Dibromochloromethane
Concen: 0.782 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006647.D
Acq: 19 Jul 2018 17:18

Tgt Ion: 129 Resp: 11444
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

