

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006652.D
 Acq On : 19 Jul 2018 19:35
 Operator : SY/MD
 Sample : J3983-18DL 5X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB198DL

Quant Time: Jul 20 05:11:34 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	232475	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88685	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.57	69	64538	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.20%
11) 1,1-Dichloroethene-d2	2.13	63	122204	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.95	46	138206	39.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.00%
24) Chloroform-d	4.40	84	148724	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.09	65	71614	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	323777	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.12	67	99628	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	283975	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.67	79	29116	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	152450	50.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68290	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	97313	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

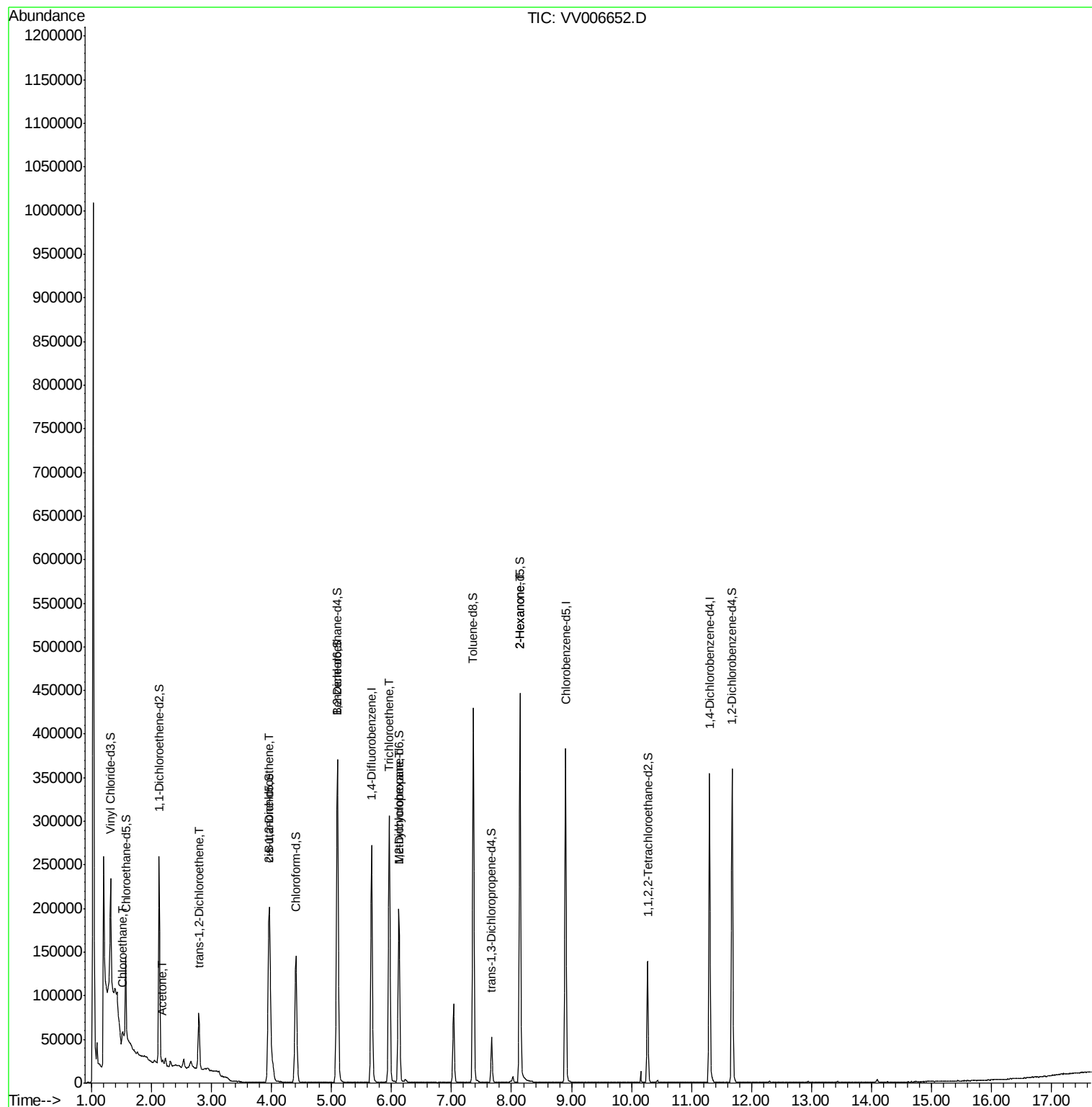
					Qvalue
8) Chloroethane	1.52	64	26452	1.907 ug/L #	53
13) Acetone	2.19	43	1770	0.651 ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	23851	1.257 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	64720	3.259 ug/L	99
34) Trichloroethene	5.96	95	106285	5.583 ug/L	99
35) Methylcyclohexane	6.12	83	23380	0.736 ug/L #	18
48) 2-Hexanone	8.14	43	16870	2.326 ug/L #	67

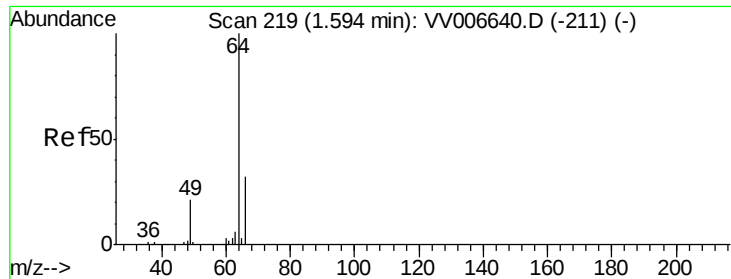
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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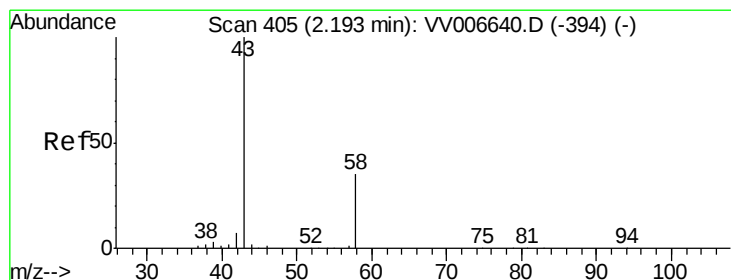
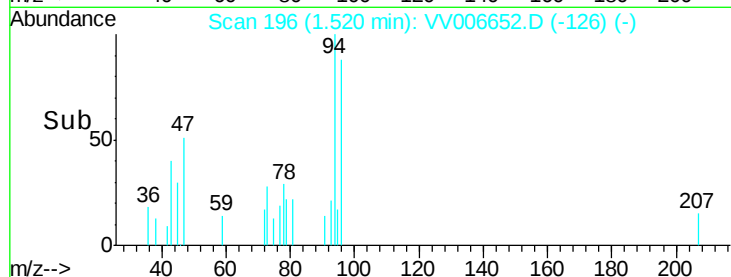
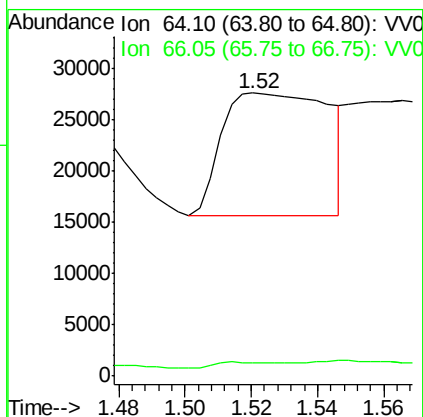
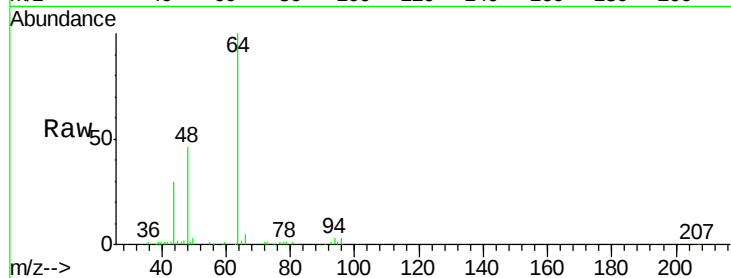




#8
Chloroethane
Concen: 1.907 ug/L
RT: 1.52 min Scan# 196
Delta R.T. -0.07 min
Lab File: VV006652.D
Acq: 19 Jul 2018 19:35

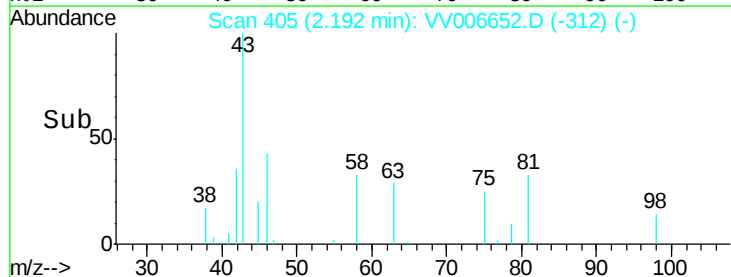
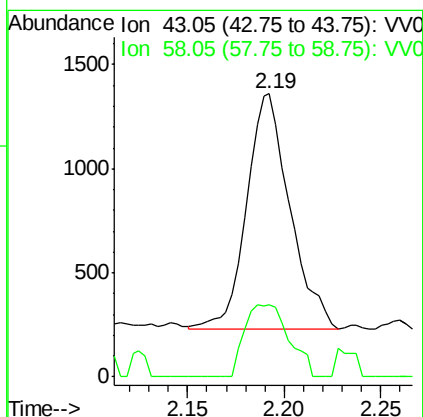
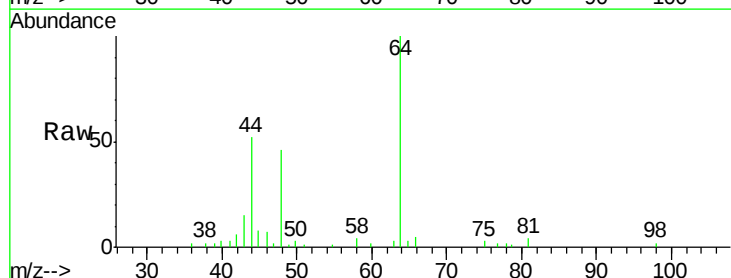
Instrument :
MSVOA_V
ClientSampleId :
DB198DL

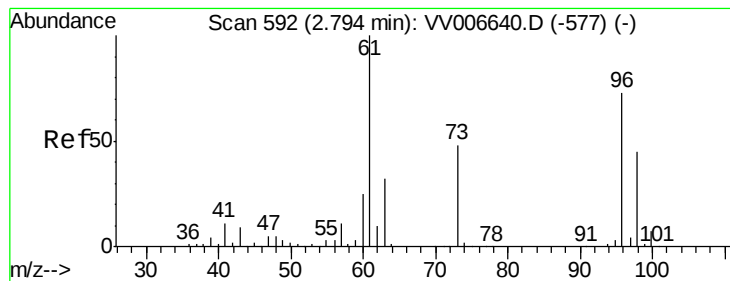
Tgt Ion: 64 Resp: 26452
Ion Ratio Lower Upper
64 100
66 4.6 21.1 39.3#



#13
Acetone
Concen: 0.651 ug/L
RT: 2.19 min Scan# 405
Delta R.T. -0.00 min
Lab File: VV006652.D
Acq: 19 Jul 2018 19:35

Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 31.1 0.0 72.8





#18

trans-1,2-Dichloroethene

Concen: 1.257 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006652.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_V

ClientSampleId :

DB198DL

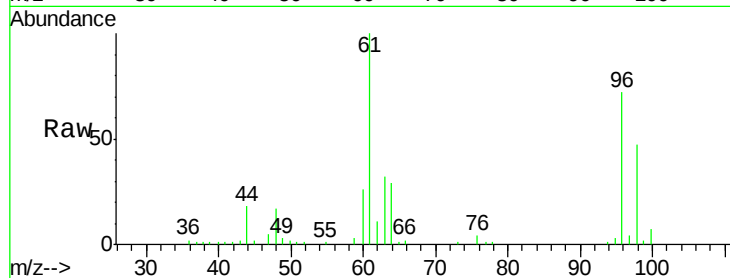
Tgt Ion: 96 Resp: 23851

Ion Ratio Lower Upper

96 100

61 139.8 96.0 178.4

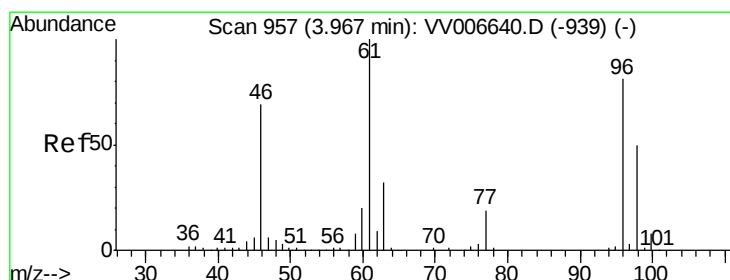
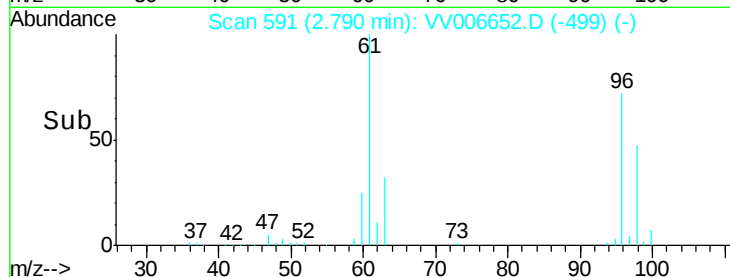
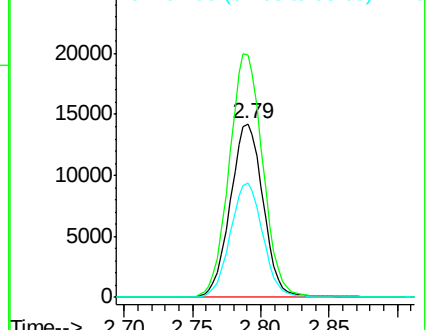
98 65.7 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV006640.D (-577) (-)

Ion 61.05 (60.75 to 61.75): VV006640.D (-577) (-)

Ion 97.95 (97.65 to 98.65): VV006640.D (-577) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.259 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006652.D

Acq: 19 Jul 2018 19:35

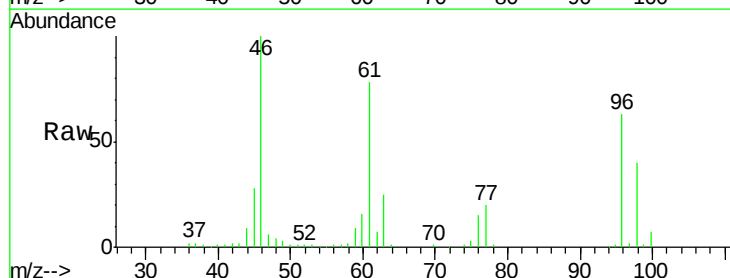
Tgt Ion: 96 Resp: 64720

Ion Ratio Lower Upper

96 100

61 124.1 86.2 160.0

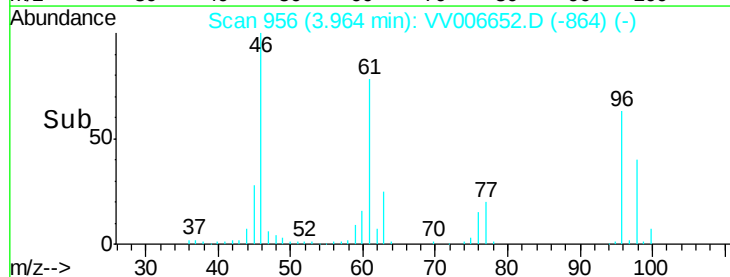
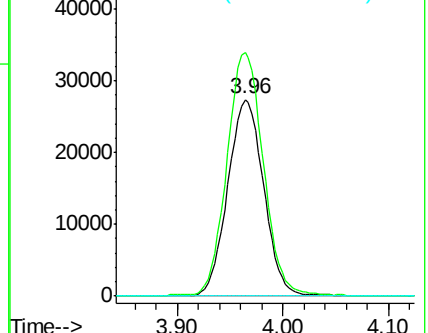
68 0.0 0.0 0.0

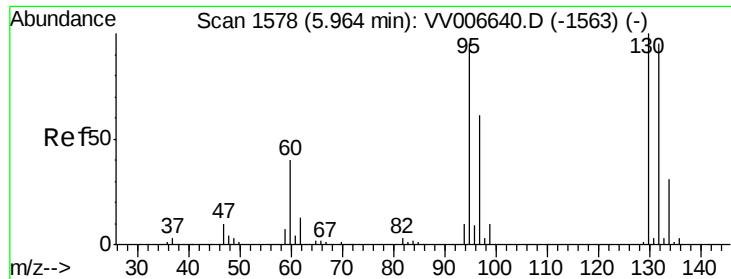


Abundance Ion 96.00 (95.70 to 96.70): VV006640.D (-939) (-)

Ion 61.05 (60.75 to 61.75): VV006640.D (-939) (-)

Ion 68.15 (67.85 to 68.85): VV006640.D (-939) (-)

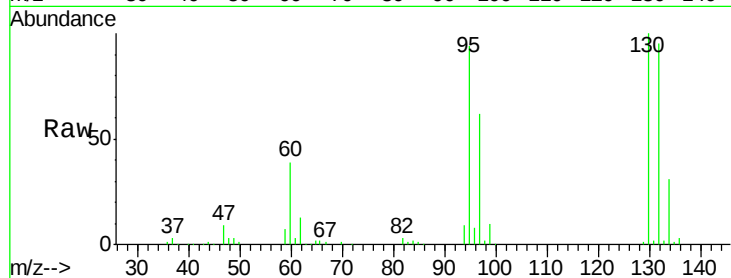




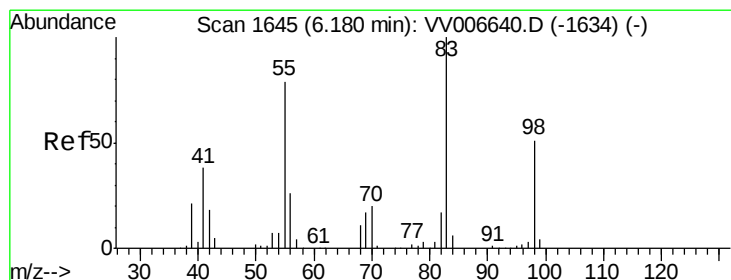
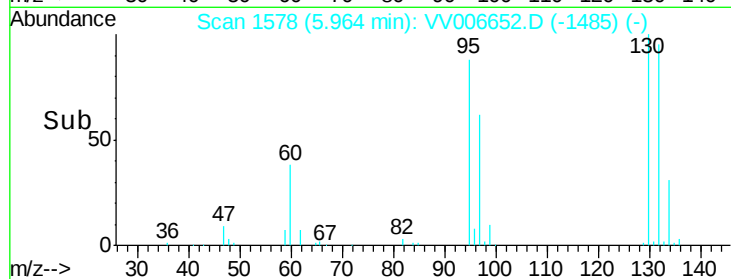
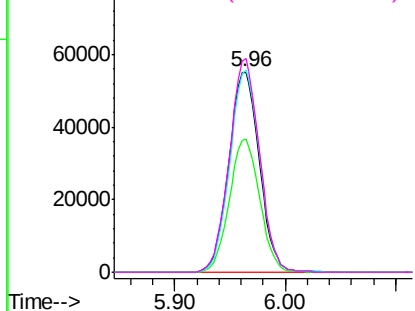
#34
 Trichloroethene
 Concen: 5.583 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV006652.D
 Acq: 19 Jul 2018 19:35

Instrument :
 MSVOA_V
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 DB198DL

Tgt Ion: 95 Resp: 106285
 Ion Ratio Lower Upper
 95 100
 97 66.2 45.3 84.1
 132 100.8 70.3 130.7
 130 106.6 73.7 136.9

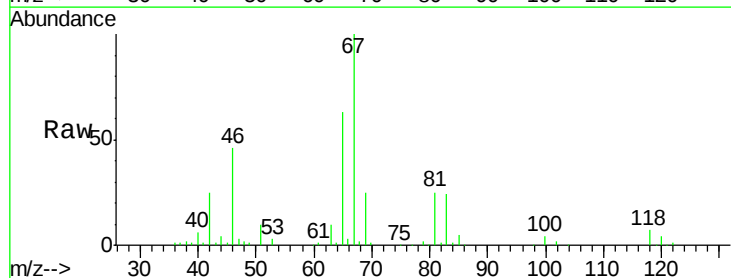


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

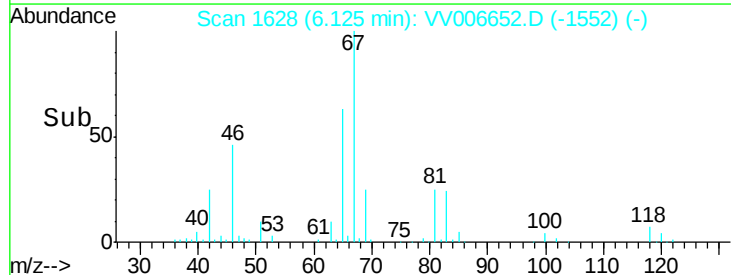
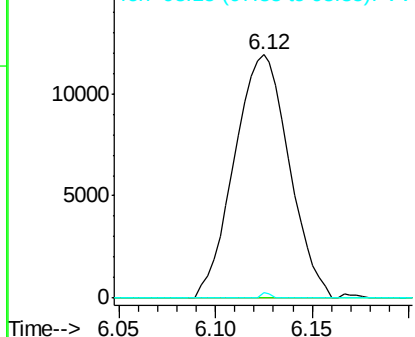


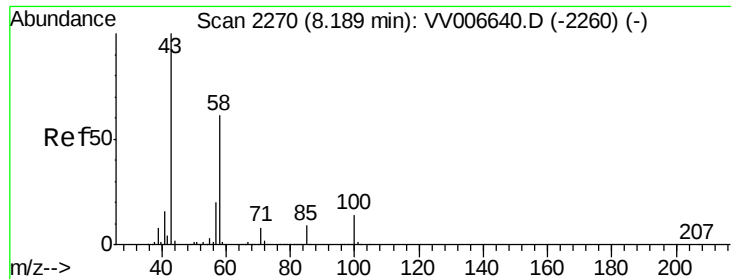
#35
 Methylcyclohexane
 Concen: 0.736 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006652.D
 Acq: 19 Jul 2018 19:35

Tgt Ion: 83 Resp: 23380
 Ion Ratio Lower Upper
 83 100
 55 0.0 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





#48

2-Hexanone

Concen: 2.326 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006652.D

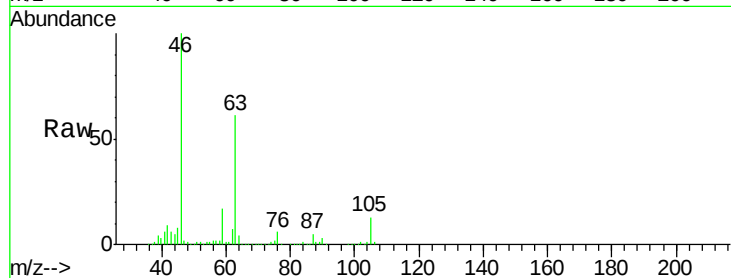
Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_V

ClientSampleId :

DB198DL



Tgt Ion:	43	Resp:	16870
Ion	Ratio	Lower	Upper
43	100		
58	32.5	48.2	72.2#
57	30.2	16.2	24.4#
100	1.0	11.0	16.4#

