

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006920.D
 Acq On : 08 Aug 2018 01:44
 Operator : SY/MD
 Sample : J4357-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:11:22 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	203977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66722	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.58	69	60037	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	97247	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.97	46	211471	54.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.38%
24) Chloroform-d	4.41	84	133498	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	73240	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	252802	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	89117	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.37	98	190117	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	24005	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.15	63	105644	45.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68504	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	66355	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

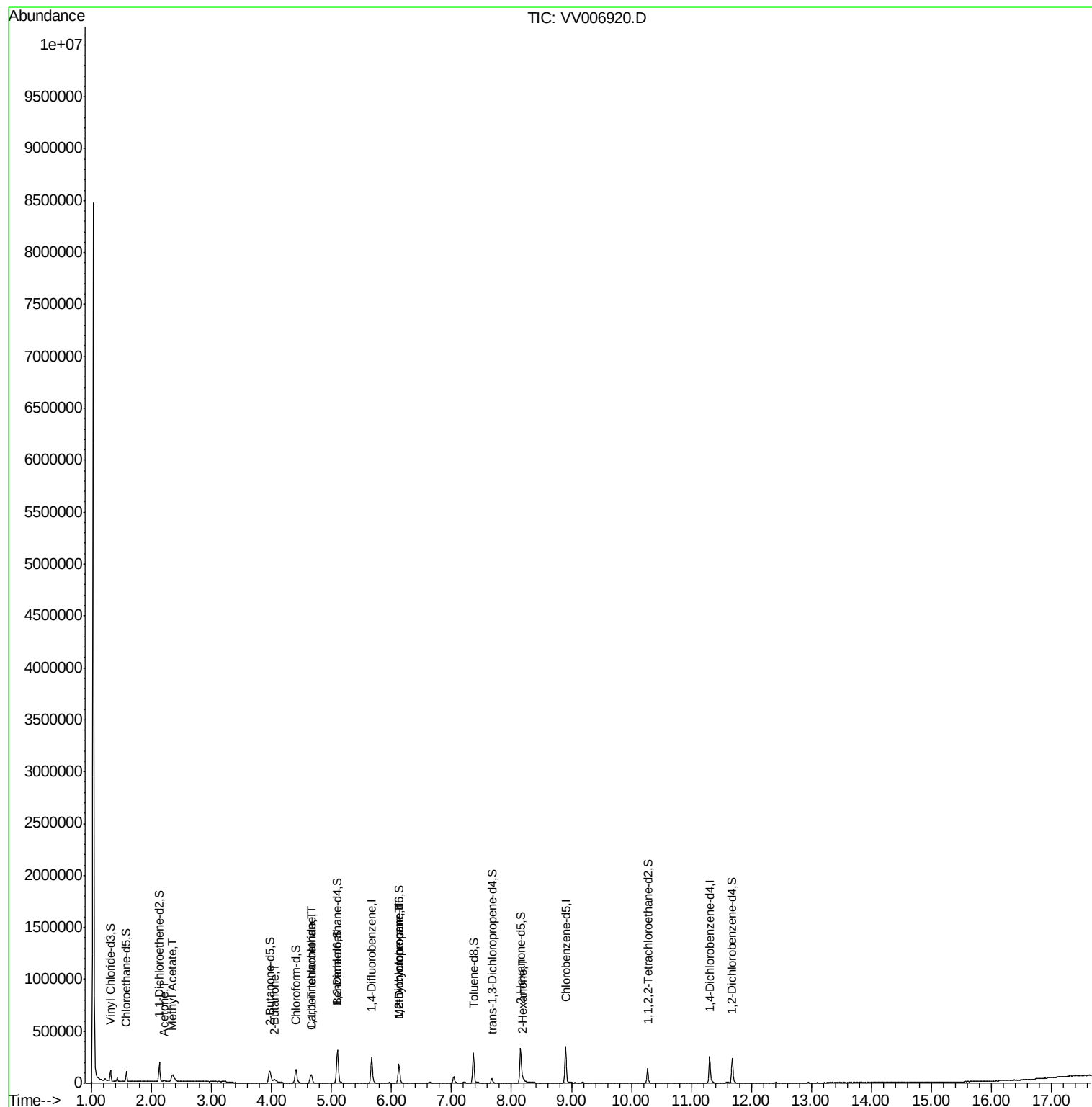
					Ovalue
13) Acetone	2.21	43	10199	4.004 ug/L	94
15) Methyl Acetate	2.35	43	29811	4.261 ug/L #	53
21) 2-Butanone	4.05	43	2105	0.502 ug/L	86
29) 1,1,1-Trichloroethane	4.66	97	63666	2.746 ug/L	100
31) Carbon tetrachloride	4.66	117	8346	0.427 ug/L	100
35) Methylcyclohexane	6.12	83	19556	0.898 ug/L #	15
37) 1,2-Dichloropropane	6.13	63	9307	0.555 ug/L #	88
48) 2-Hexanone	8.20	43	9026	1.379 ug/L #	94

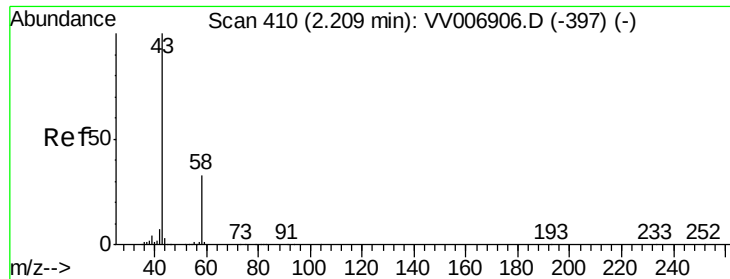
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.004 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.00 min

Lab File: VV006920.D

Acq: 08 Aug 2018 01:44

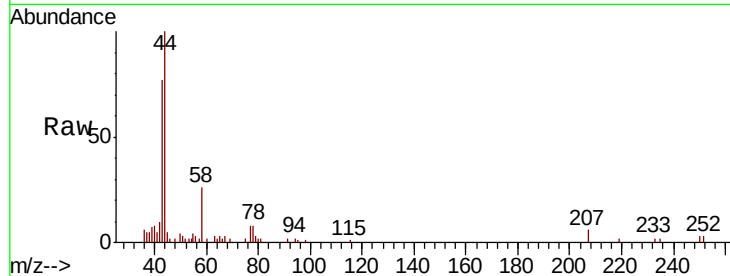
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10199

Ion Ratio Lower Upper

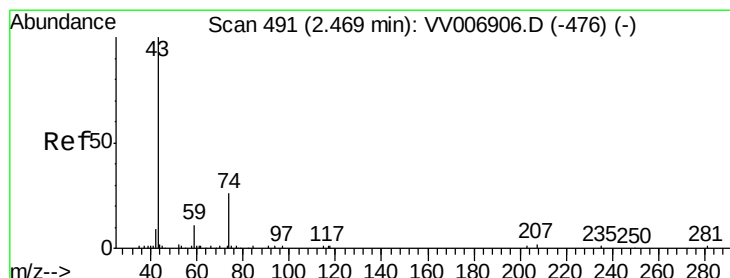
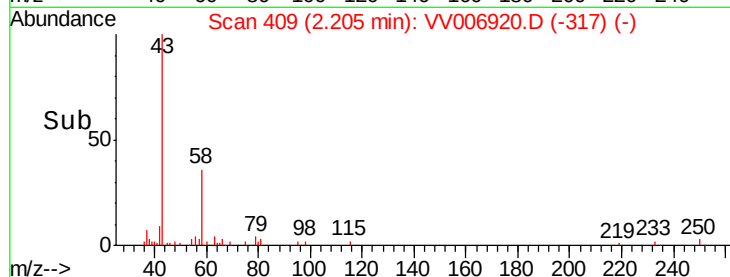
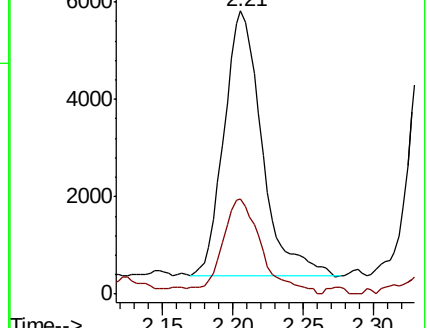
43 100

58 37.7 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006920.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006920.D (-397) (-)



#15

Methyl Acetate

Concen: 4.261 ug/L

RT: 2.35 min Scan# 453

Delta R.T. -0.12 min

Lab File: VV006920.D

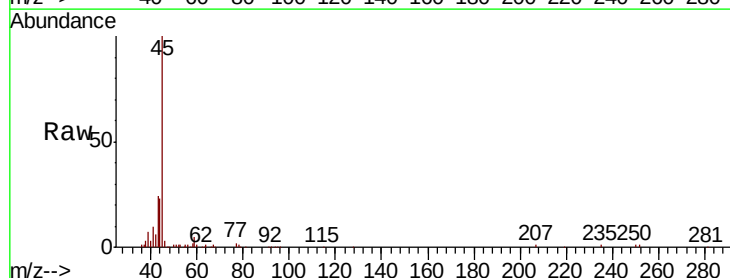
Acq: 08 Aug 2018 01:44

Tgt Ion: 43 Resp: 29811

Ion Ratio Lower Upper

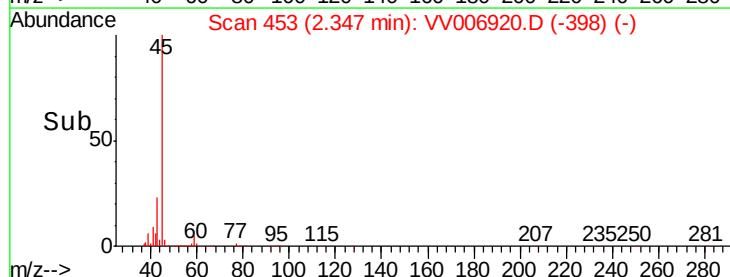
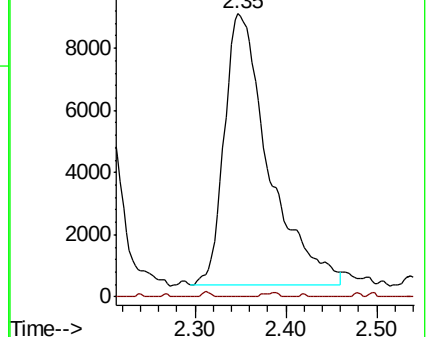
43 100

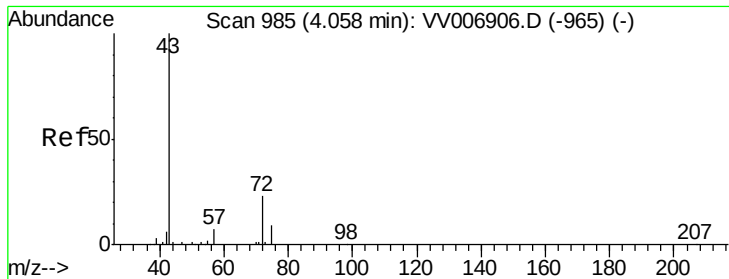
74 0.3 18.6 27.8#



Abundance Ion 43.05 (42.75 to 43.75): VV006920.D (-397) (-)

Ion 74.05 (73.75 to 74.75): VV006920.D (-397) (-)





#21

2-Butanone

Concen: 0.502 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

Lab File: VV006920.D

Acq: 08 Aug 2018 01:44

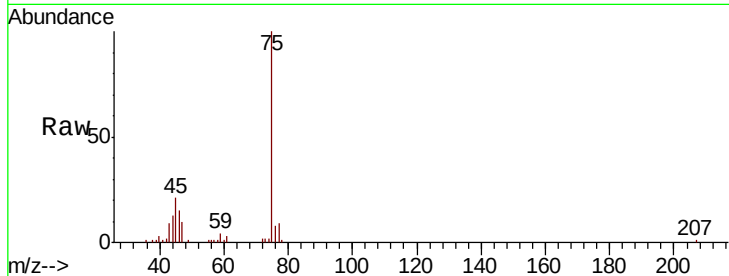
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2105

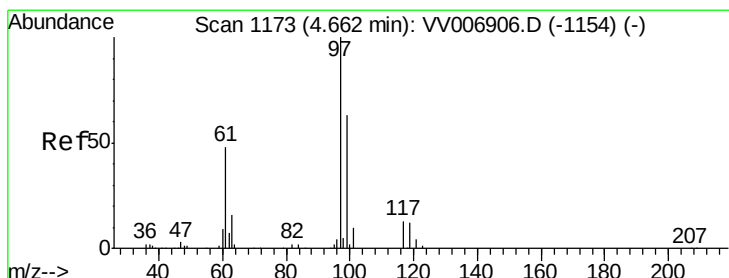
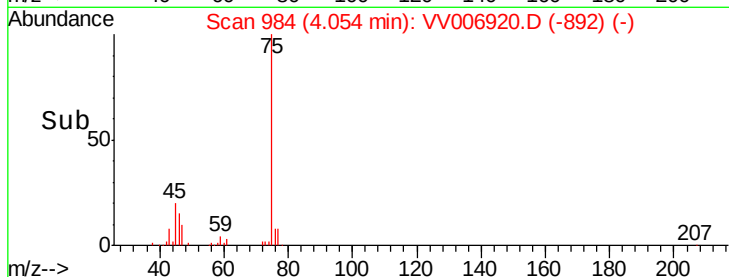
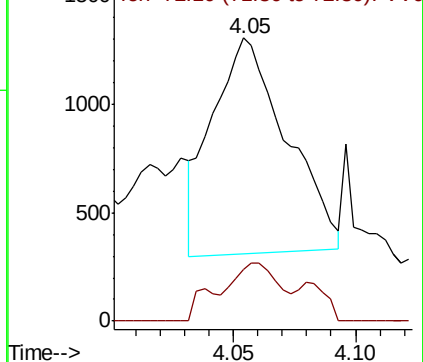
Ion Ratio Lower Upper

43 100

72 16.6 11.9 35.5



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0



#29

1,1,1-Trichloroethane

Concen: 2.746 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV006920.D

Acq: 08 Aug 2018 01:44

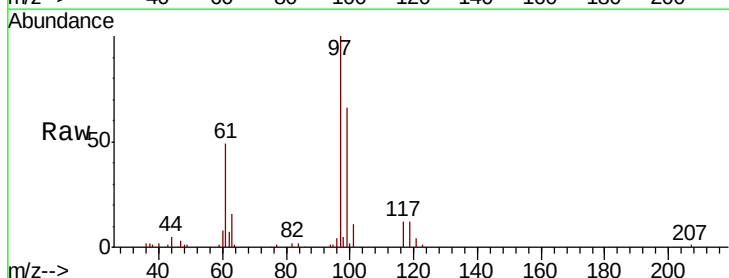
Tgt Ion: 97 Resp: 63666

Ion Ratio Lower Upper

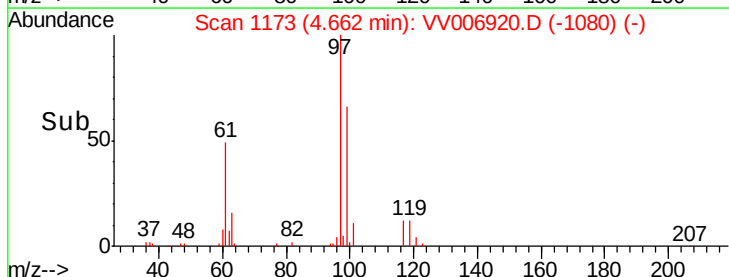
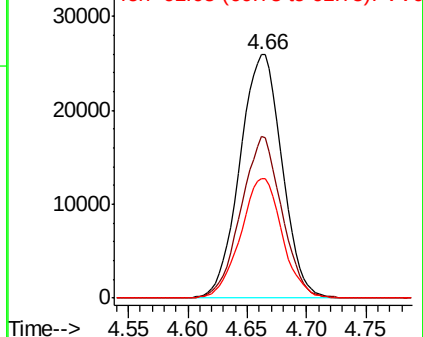
97 100

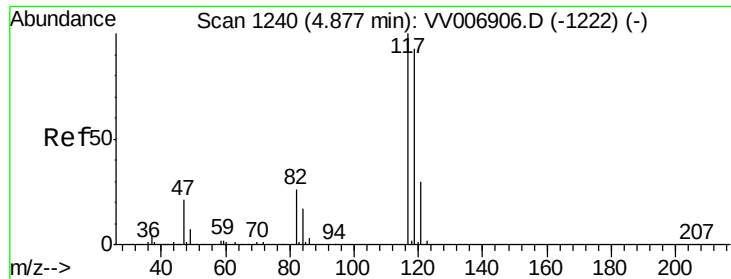
99 64.1 51.0 76.6

61 48.5 38.6 57.8



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

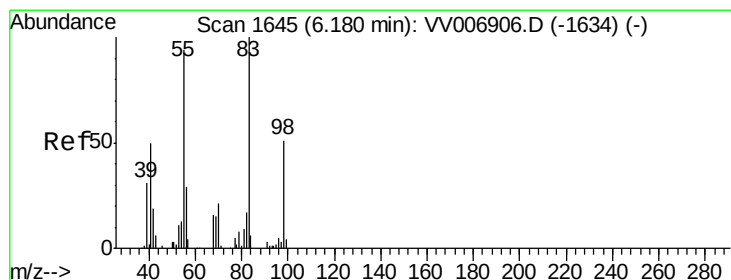
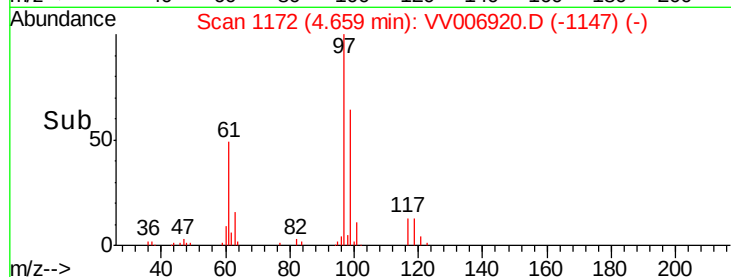
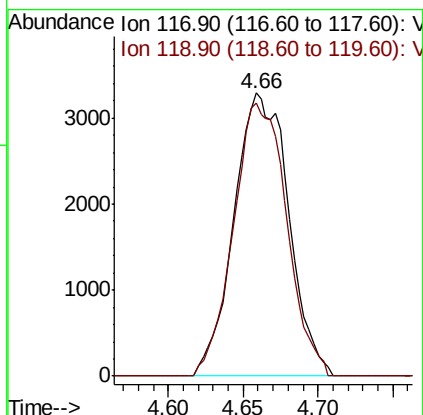
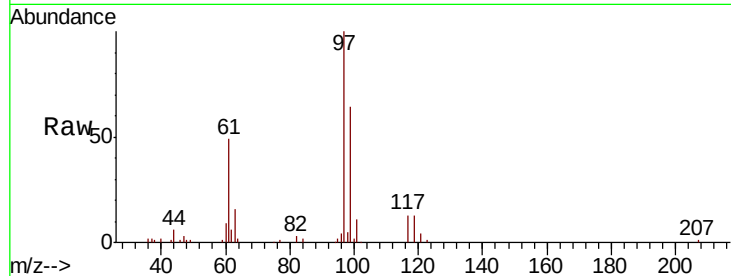




#31
Carbon tetrachloride
Concen: 0.427 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. -0.22 min
Lab File: VV006920.D
Acq: 08 Aug 2018 01:44

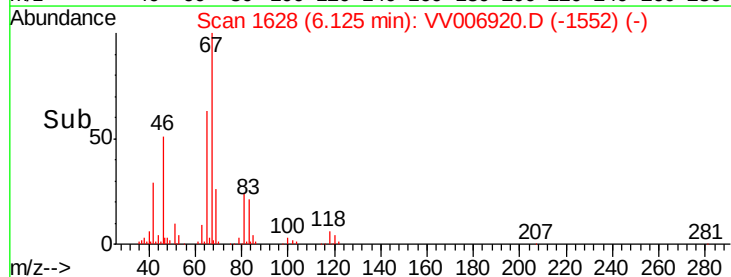
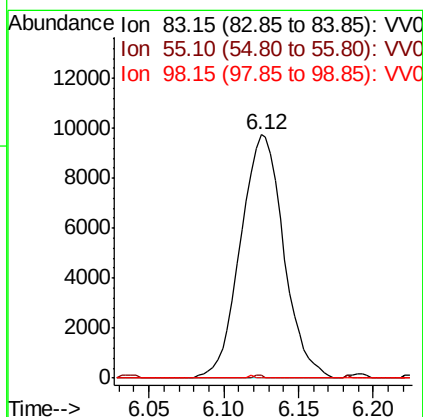
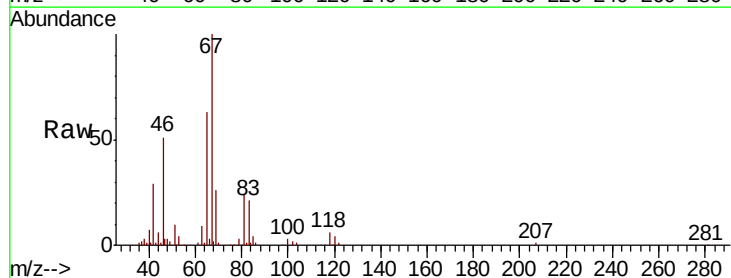
Instrument :
MSVOA_V
ClientSampled :

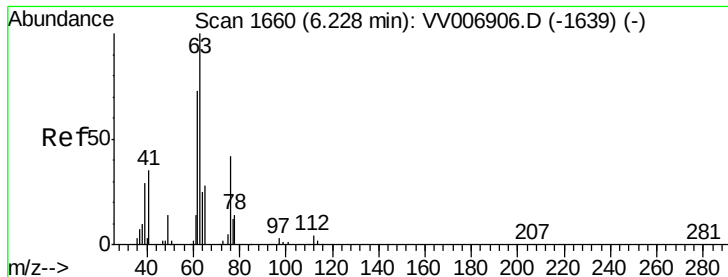
Tot Ion:117 Resp: 8346
Ion Ratio Lower Upper
117 100
119 94.0 74.9 112.3



#35
Methylcyclohexane
Concen: 0.898 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006920.D
Acq: 08 Aug 2018 01:44

Tgt Ion: 83 Resp: 19556
Ion Ratio Lower Upper
83 100
55 0.2 69.8 104.8#
98 0.1 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV006920.D

Acq: 08 Aug 2018 01:44

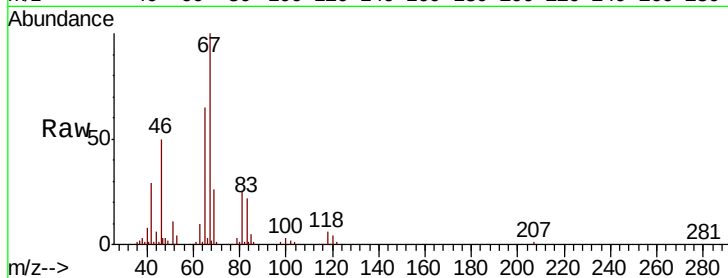
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 9307

Ion Ratio Lower Upper

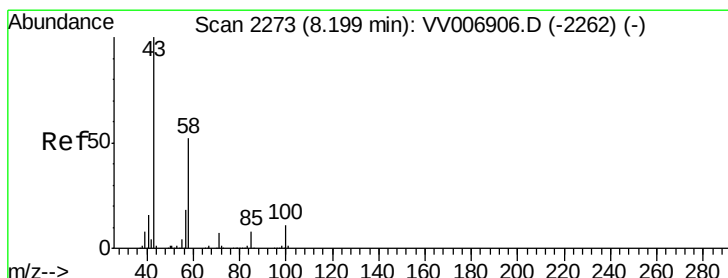
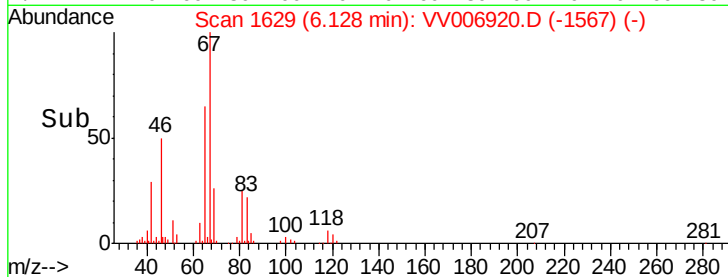
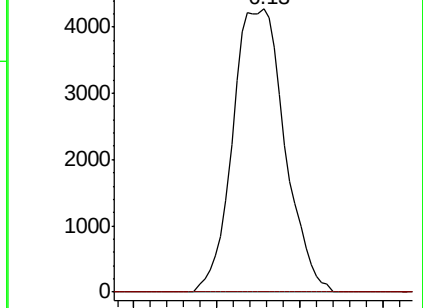
63 100

112 0.5 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV006920.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VV006920.D (-1639) (-)



#48

2-Hexanone

Concen: 1.379 ug/L

RT: 8.20 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VV006920.D

Acq: 08 Aug 2018 01:44

Tgt Ion: 43 Resp: 9026

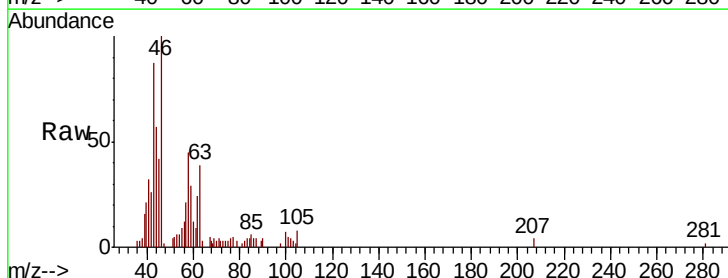
Ion Ratio Lower Upper

43 100

58 53.2 42.0 63.0

57 23.9 14.1 21.1#

100 3.2 8.1 12.1#



Abundance Ion 43.05 (42.75 to 43.75): VV006920.D (-2180) (-)

Ion 58.05 (57.75 to 58.75): VV006920.D (-2180) (-)

Ion 57.20 (56.90 to 57.90): VV006920.D (-2180) (-)

Ion 100.15 (99.85 to 100.85): VV006920.D (-2180) (-)

