

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV007009.D
 Acq On : 13 Aug 2018 16:28
 Operator : SY/MD
 Sample : J4451-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 05:37:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 14 05:35:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	241823	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63567	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	59765	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	87231	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.98	46	241392	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.40	84	156936	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	81294	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	280956	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	100538	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.37	98	202703	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.67	79	30368	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.15	63	113432	38.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79601	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	79255	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

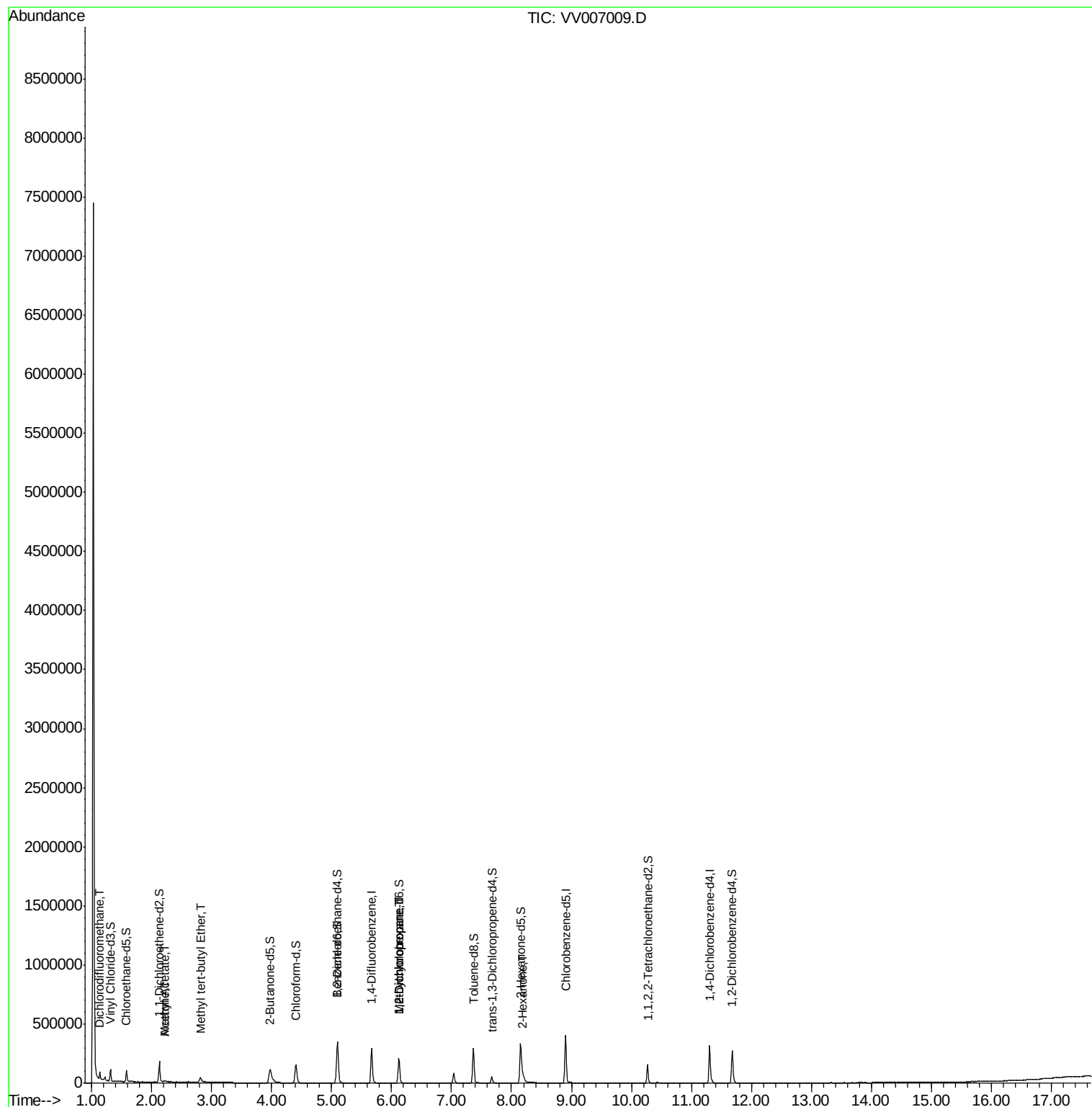
					Ovalue
2) Dichlorodifluoromethane	1.14	85	30940	1.314 ug/L	97
13) Acetone	2.22	43	16235	7.024 ug/L	91
15) Methyl Acetate	2.22	43	15037	2.311 ug/L #	44
17) Methyl tert-butyl Ether	2.82	73	40183	0.965 ug/L	98
35) Methylcyclohexane	6.12	83	23578	0.752 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10417	0.468 ug/L #	87
48) 2-Hexanone	8.20	43	21443	2.526 ug/L #	90

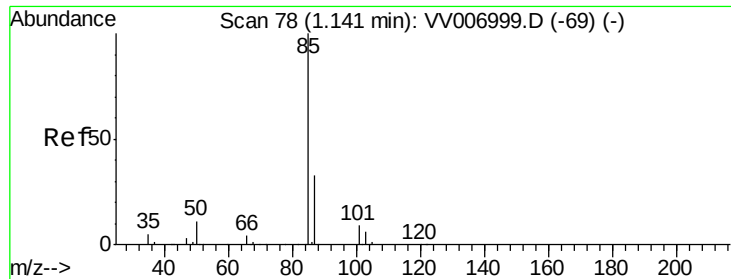
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.314 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV007009.D

Acq: 13 Aug 2018 16:28

Instrument :

MSVOA_V

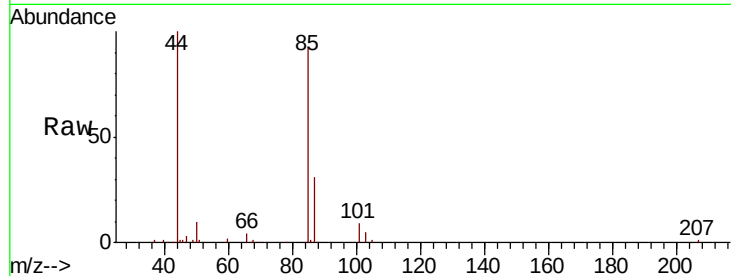
ClientSampleId :

Tot Ion: 85 Resp: 30940

Ion Ratio Lower Upper

85 100

87 33.5 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VV006999.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV006999.D (-69) (-)

1.14

30000

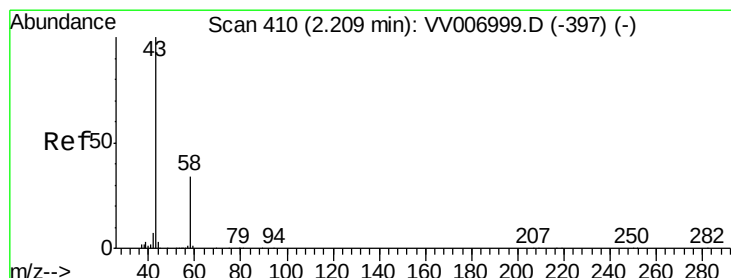
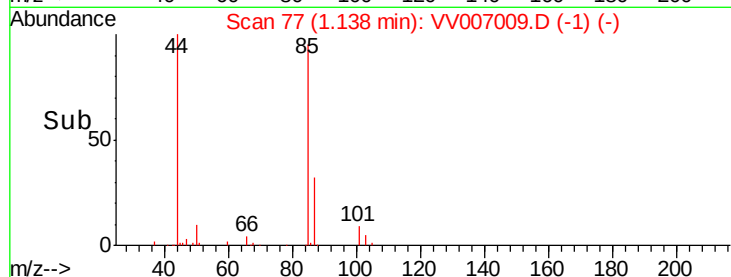
20000

10000

0

Time-->

1.10 1.15 1.20



#13

Acetone

Concen: 7.024 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.01 min

Lab File: VV007009.D

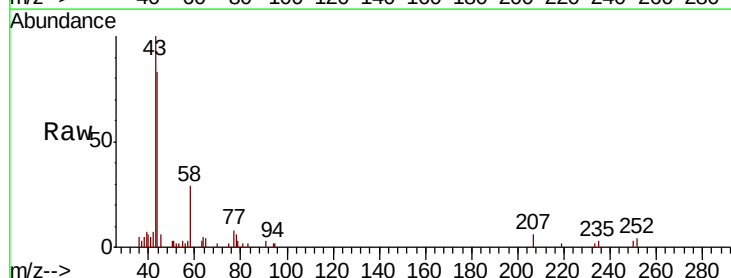
Acq: 13 Aug 2018 16:28

Tgt Ion: 43 Resp: 16235

Ion Ratio Lower Upper

43 100

58 30.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006999.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006999.D (-397) (-)

2.22

6000

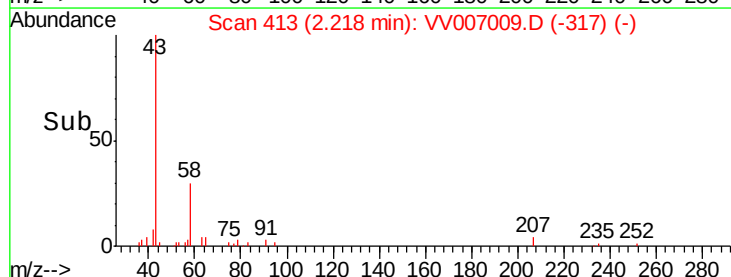
4000

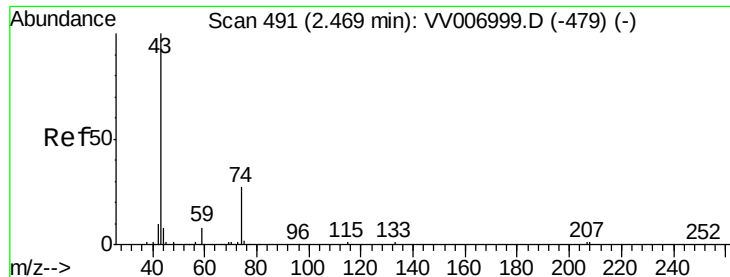
2000

0

Time-->

2.10 2.20 2.30

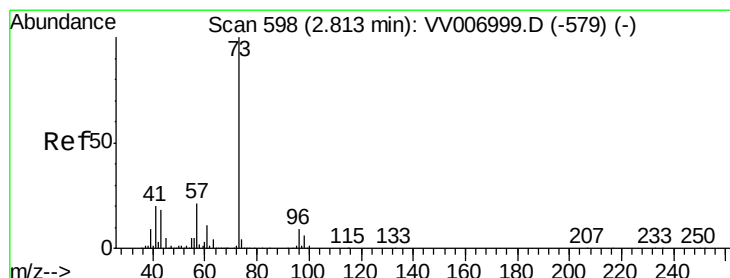
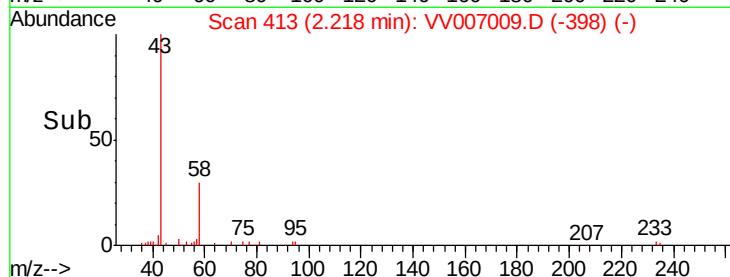
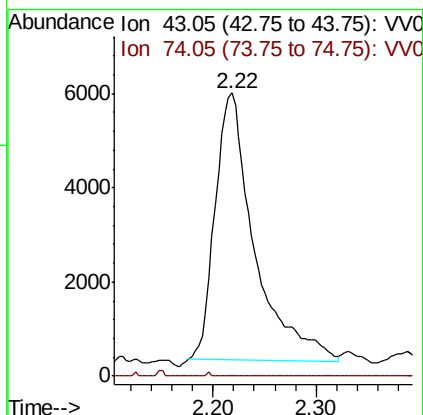
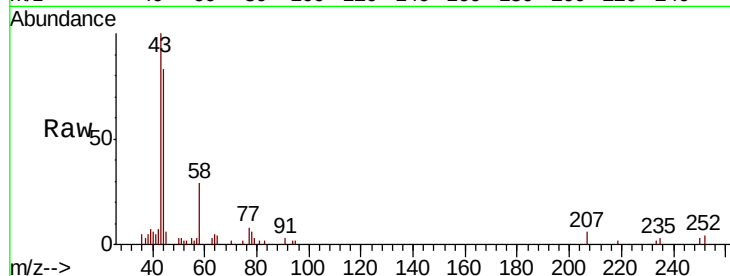




#15
Methvl Acetate
Concen: 2.311 ug/L
RT: 2.22 min Scan# 413
Delta R.T. -0.25 min
Lab File: VV007009.D
Acq: 13 Aug 2018 16:28

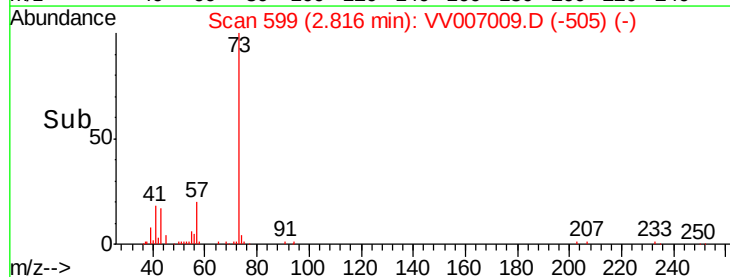
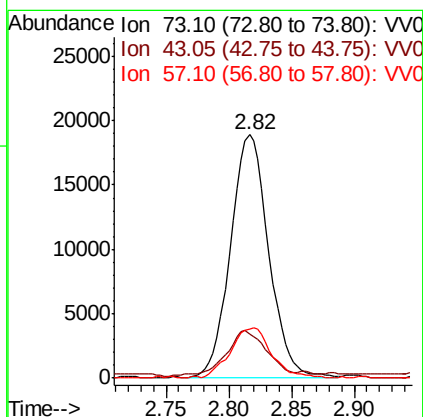
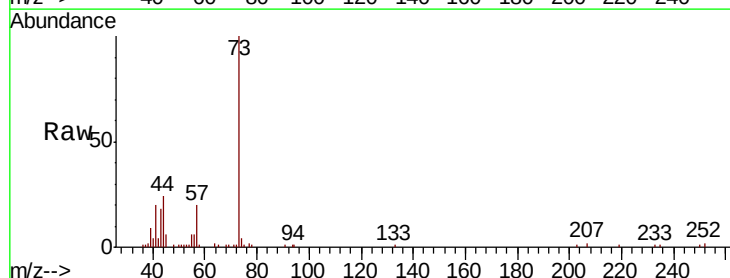
Instrument :
MSVOA_V
ClientSampleId :

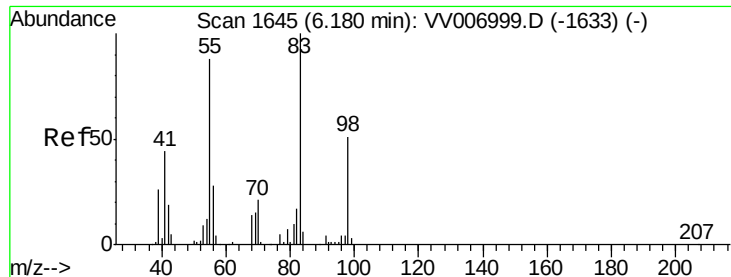
Tot Ion: 43 Resp: 15037
Ion Ratio Lower Upper
43 100
74 0.1 24.6 37.0#



#17
Methyl tert-butyl Ether
Concen: 0.965 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV007009.D
Acq: 13 Aug 2018 16:28

Tgt Ion: 73 Resp: 40183
Ion Ratio Lower Upper
73 100
43 19.6 14.4 21.6
57 22.3 17.9 26.9





#35

Methvlcvclohexane

Concen: 0.752 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007009.D

Acq: 13 Aug 2018 16:28

Instrument :

MSVOA_V

ClientSampleId :

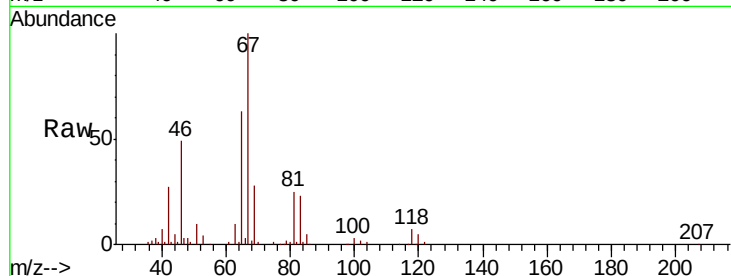
Tot Ion: 83 Resp: 23578

Ion Ratio Lower Upper

83 100

55 0.6 68.1 102.1#

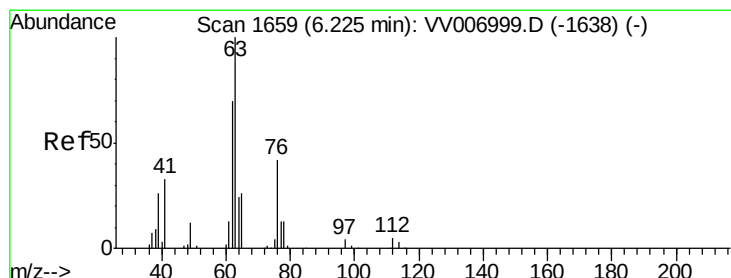
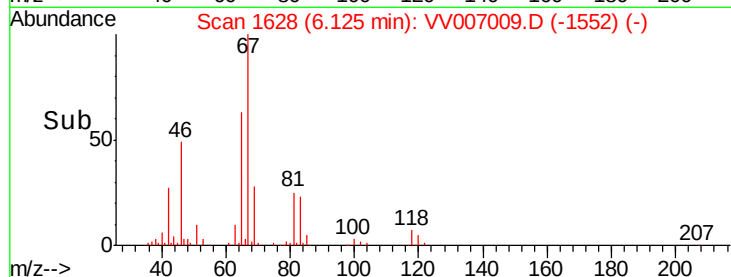
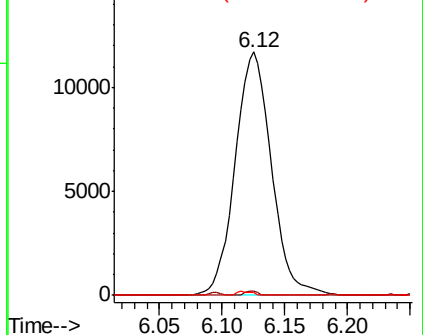
98 0.6 37.9 56.9#



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



#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007009.D

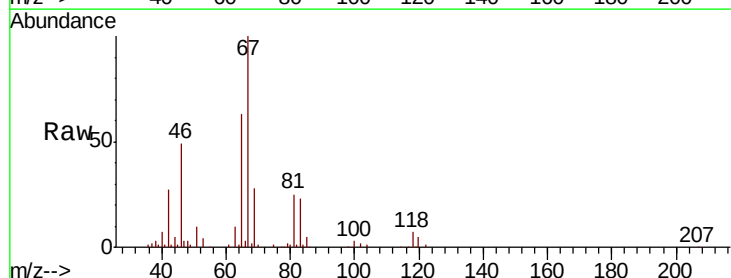
Acq: 13 Aug 2018 16:28

Tgt Ion: 63 Resp: 10417

Ion Ratio Lower Upper

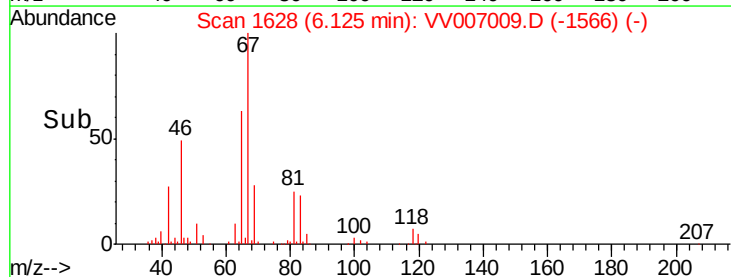
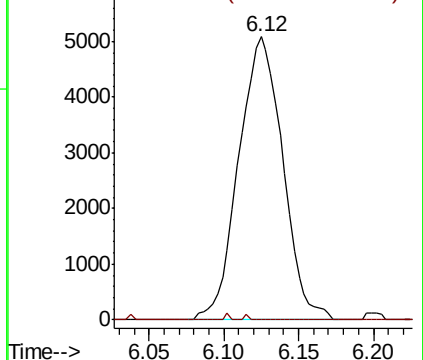
63 100

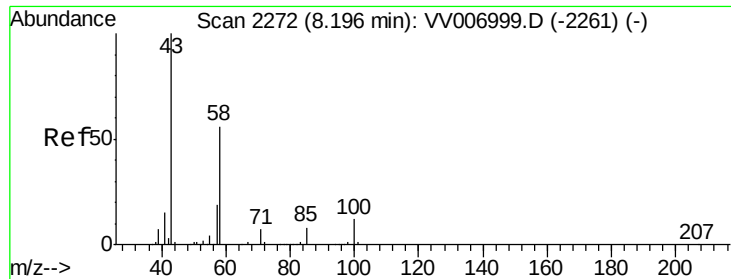
112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.526 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007009.D
 Acq: 13 Aug 2018 16:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 21443
 Ion Ratio Lower Upper
 43 100
 58 49.0 44.2 66.2
 57 16.6 14.8 22.2
 100 2.2 8.8 13.2#

