

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006784.D
 Acq On : 31 Jul 2018 14:31
 Operator : SY/MD
 Sample : J4225-15
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:46:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50639	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	49892	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	75926	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.95	46	170035	48.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.08%
24) Chloroform-d	4.41	84	108798	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	57267	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	218712	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	74877	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	180298	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	22084	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	138181	47.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58380	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	69788	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

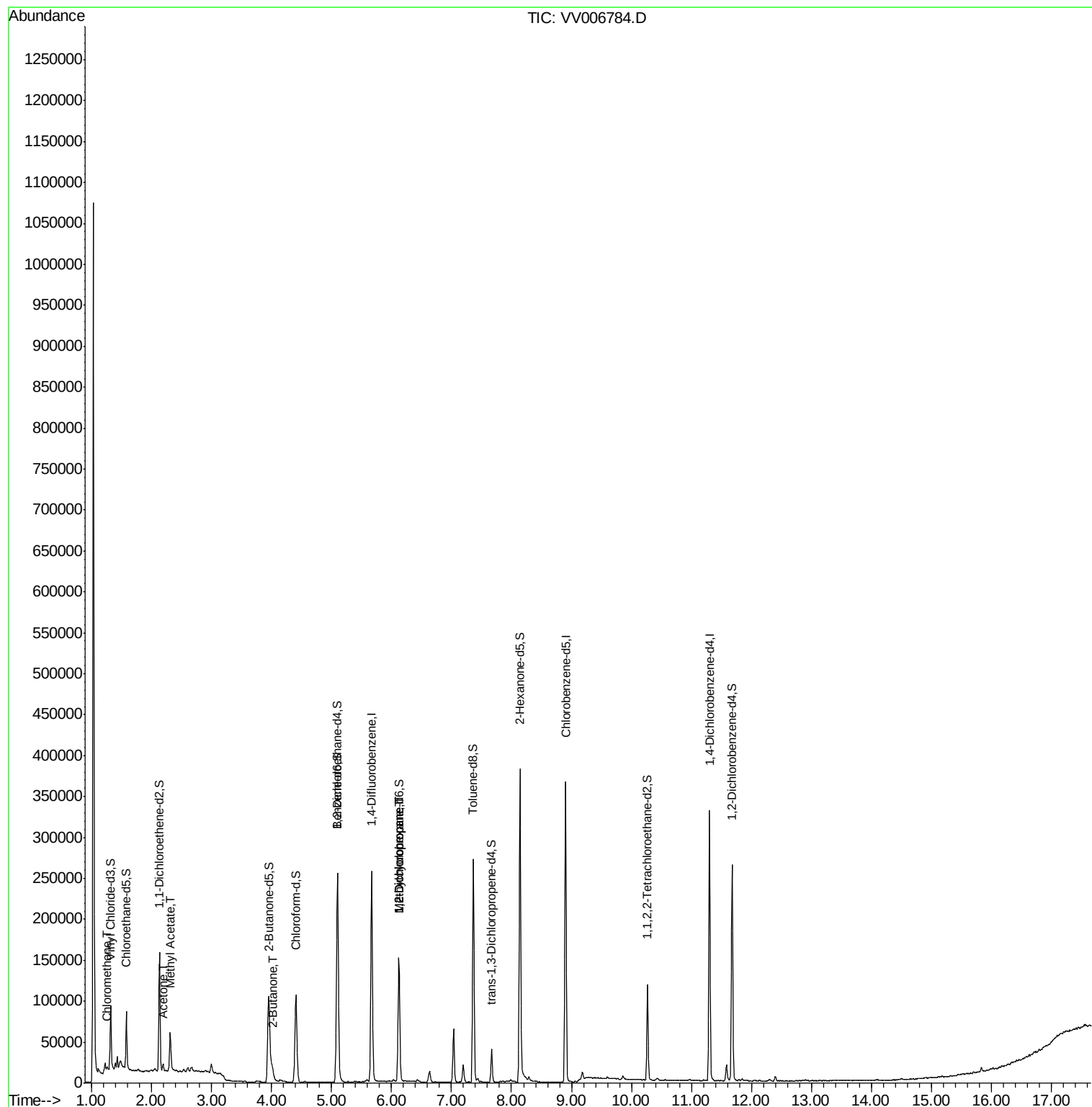
					Ovalue
3) Chloromethane	1.26	50	4555	0.274 ug/L	100
13) Acetone	2.19	43	7489	3.325 ug/L	98
15) Methyl Acetate	2.31	43	11074	1.659 ug/L #	52
21) 2-Butanone	4.04	43	776	0.206 ug/L	75
35) Methylcyclohexane	6.12	83	17703	0.690 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7409	0.475 ug/L #	86

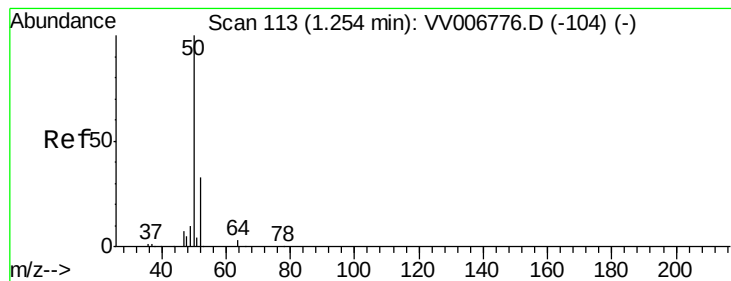
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.274 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006784.D

Acq: 31 Jul 2018 14:31

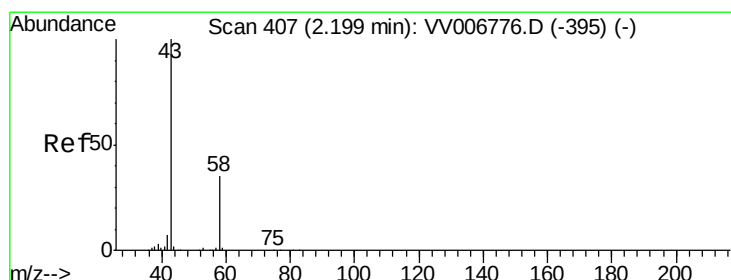
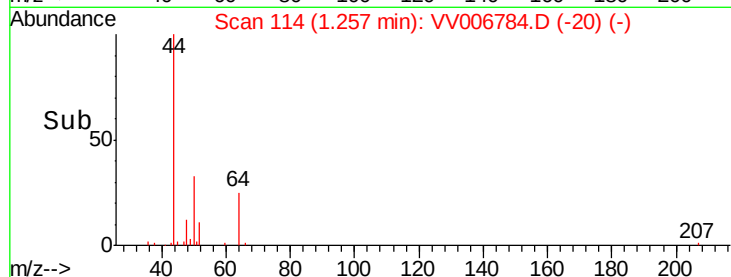
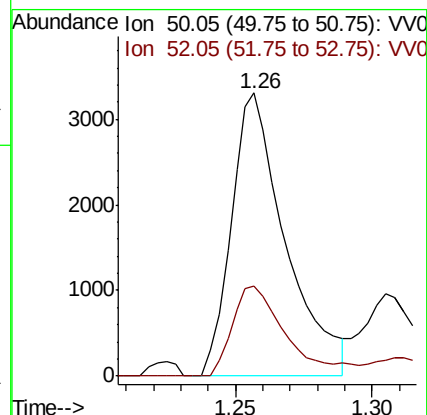
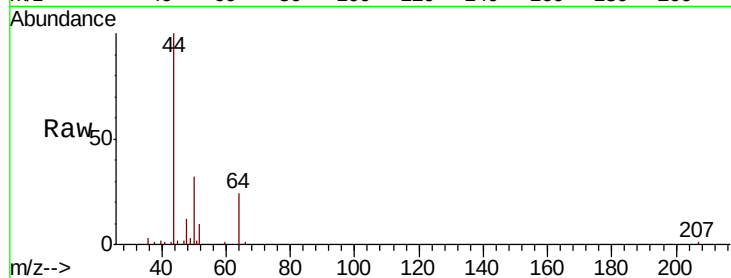
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 4555

Ion Ratio Lower Upper

50 100

52 31.8 22.1 41.1



#13

Acetone

Concen: 3.325 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006784.D

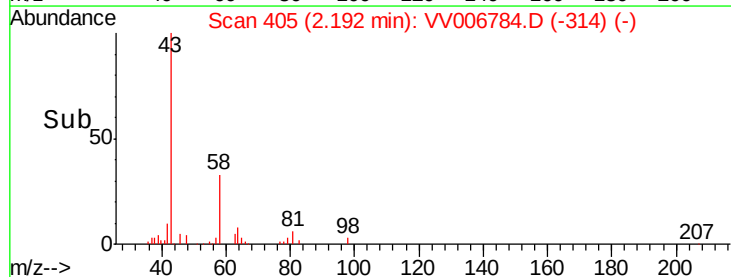
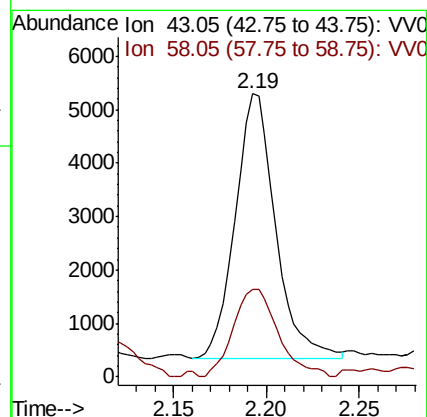
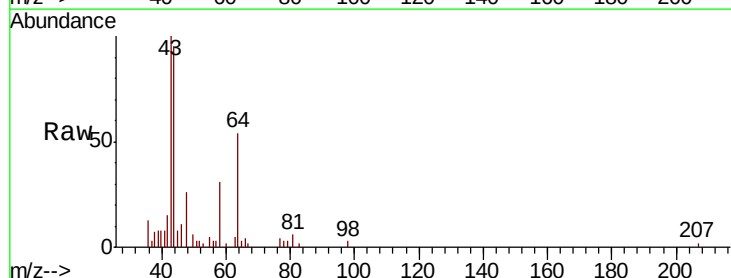
Acq: 31 Jul 2018 14:31

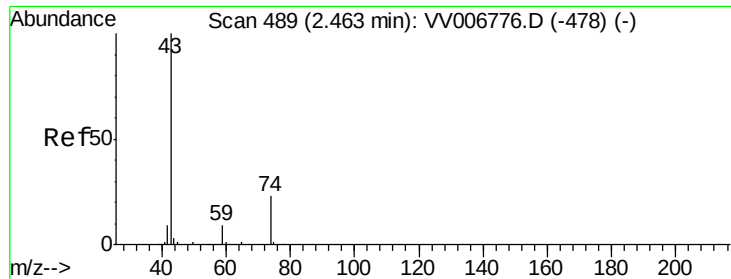
Tgt Ion: 43 Resp: 7489

Ion Ratio Lower Upper

43 100

58 37.1 0.0 71.4

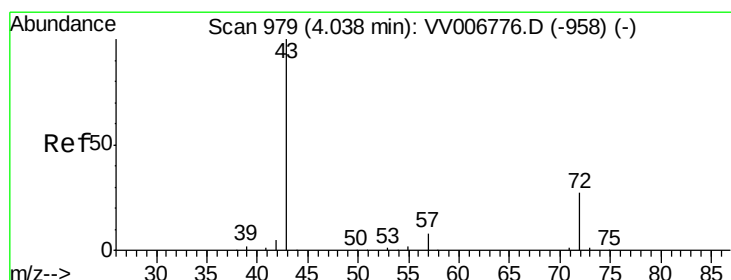
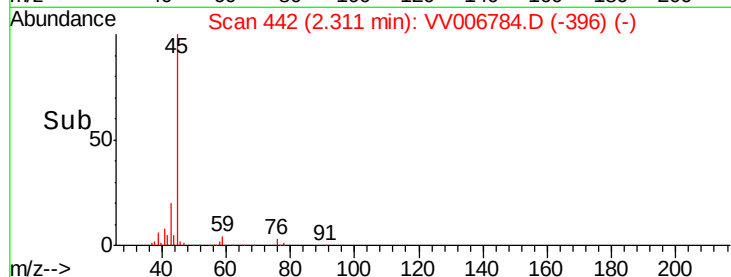
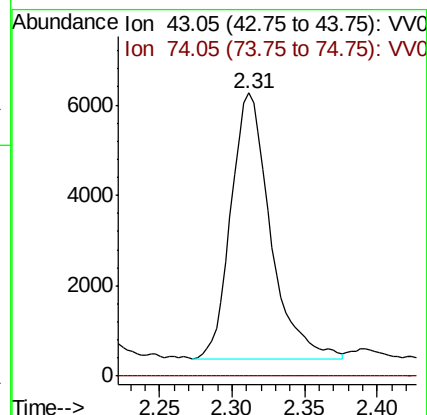
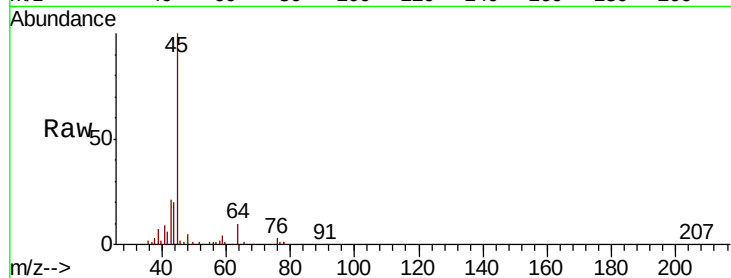




#15
Methvl Acetate
Concen: 1.659 ug/L
RT: 2.31 min Scan# 442
Delta R.T. -0.15 min
Lab File: VV006784.D
Acq: 31 Jul 2018 14:31

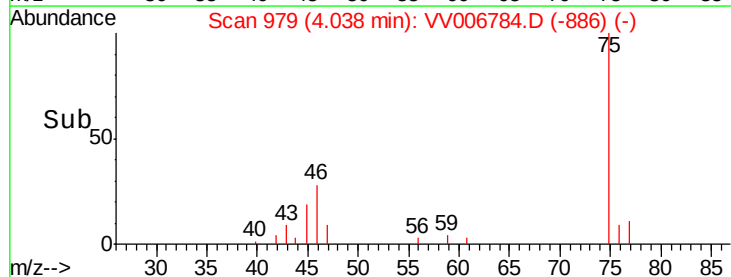
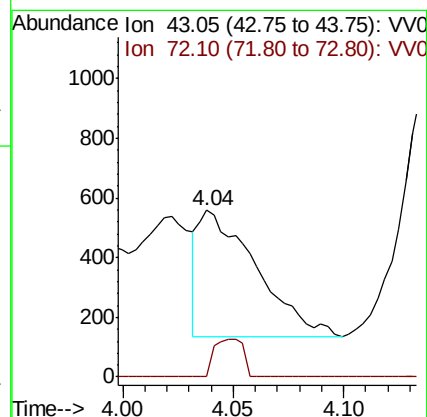
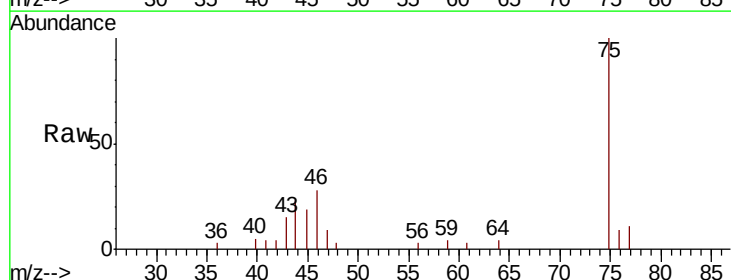
Instrument :
MSVOA_V
ClientSampleId :

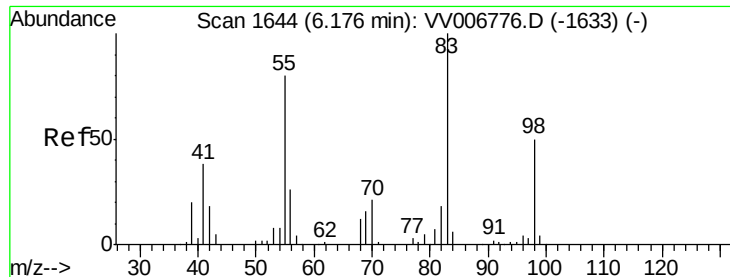
Tot Ion: 43 Resp: 11074
Ion Ratio Lower Upper
43 100
74 1.2 20.6 31.0#



#21
2-Butanone
Concen: 0.206 ug/L
RT: 4.04 min Scan# 979
Delta R.T. -0.00 min
Lab File: VV006784.D
Acq: 31 Jul 2018 14:31

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
72 14.7 13.8 41.4





#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006784.D

Acq: 31 Jul 2018 14:31

Instrument :

MSVOA_V

ClientSampleId :

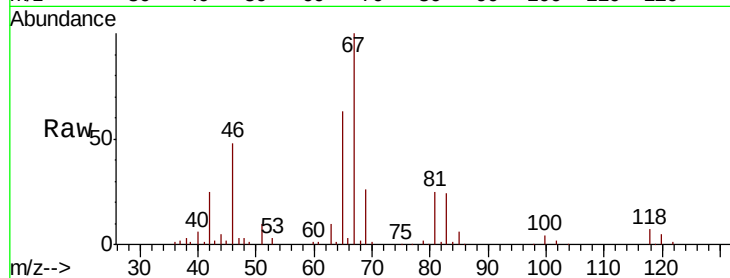
Tot Ion: 83 Resp: 17703

Ion Ratio Lower Upper

83 100

55 1.2 61.9 92.9#

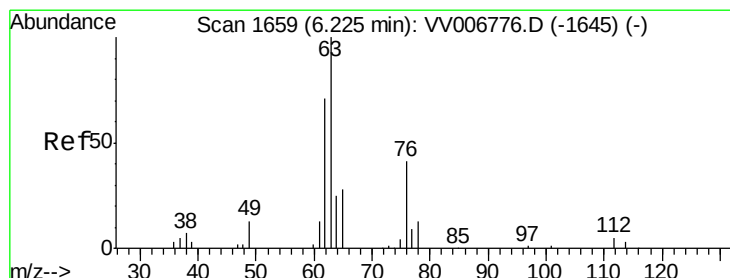
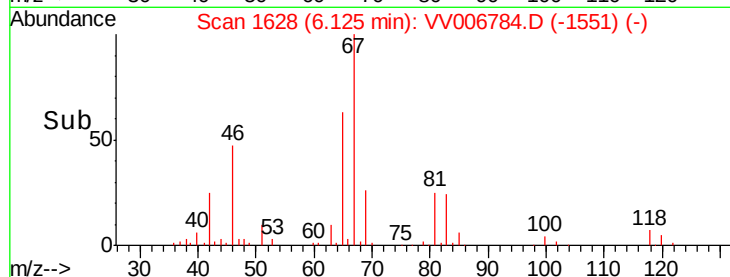
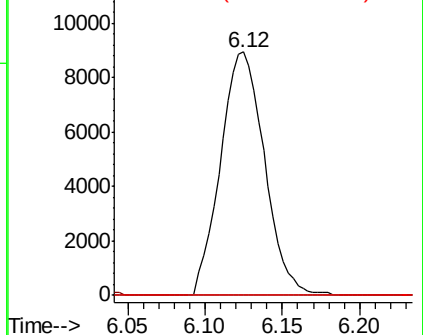
98 0.0 39.7 59.5#



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: 0.475 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006784.D

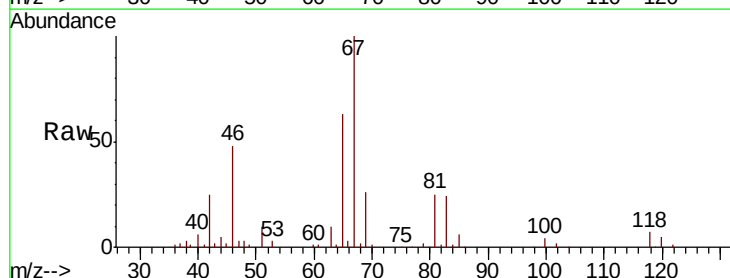
Acq: 31 Jul 2018 14:31

Tgt Ion: 63 Resp: 7409

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

