

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006825.D
 Acq On : 02 Aug 2018 23:03
 Operator : SY/MD
 Sample : J4314-04
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:59:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217795	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75460	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78208	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.58	69	71052	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	108810	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.95	46	232795	63.63	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.26%
24) Chloroform-d	4.41	84	143570	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.09	65	75803	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.10	84	277104	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	92932	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.37	98	219784	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	29796	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.14	63	144657	52.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76199	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	71647	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

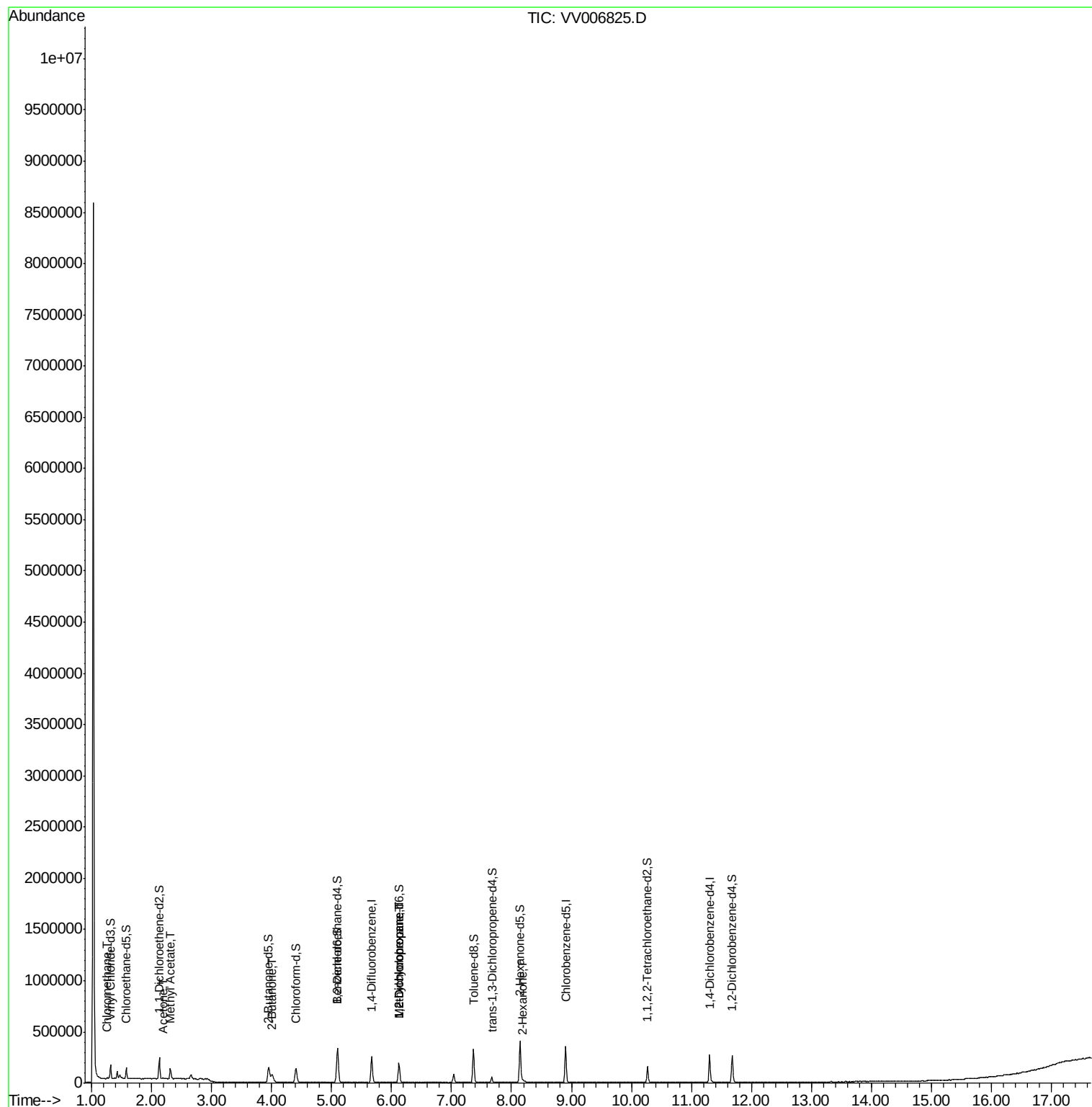
					Ovalue
3) Chloromethane	1.25	50	11336	0.451 ug/L	95
13) Acetone	2.19	43	11231	4.353 ug/L	79
15) Methyl Acetate	2.31	43	27374	3.525 ug/L #	54
21) 2-Butanone	4.01	43	1209	0.307 ug/L	97
35) Methylcyclohexane	6.13	83	22798	0.932 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	9599	0.605 ug/L #	89
48) 2-Hexanone	8.20	43	6399	1.074 ug/L #	91

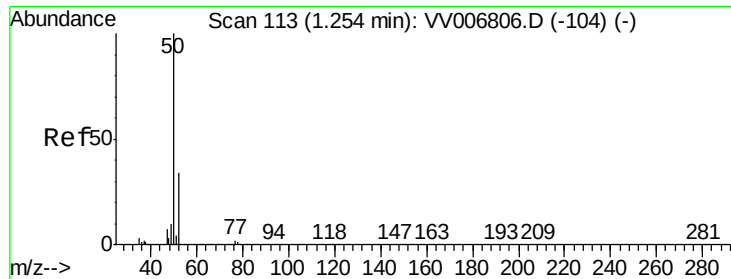
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.451 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006825.D

Acq: 02 Aug 2018 23:03

Instrument :

MSVOA_V

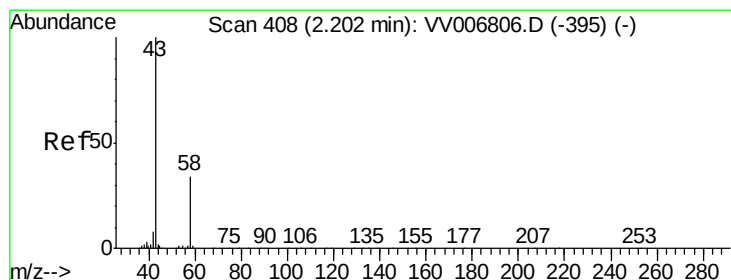
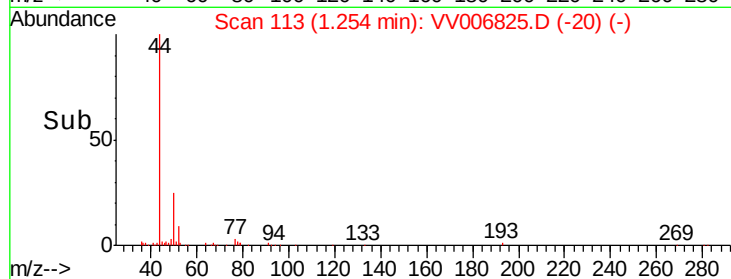
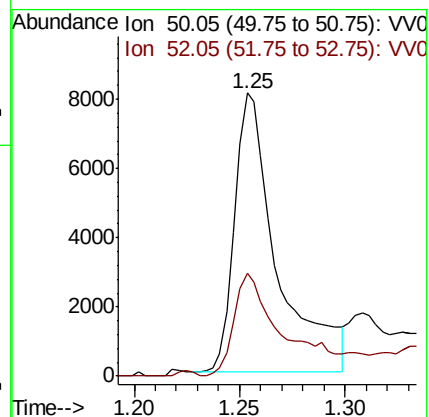
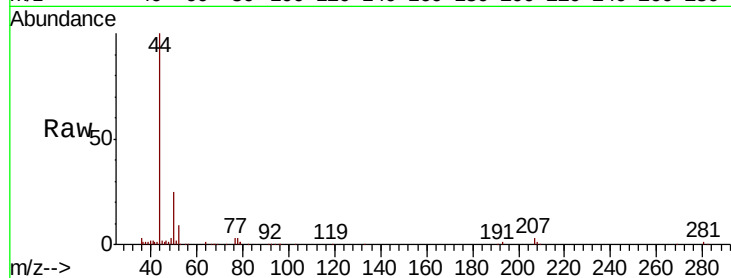
ClientSampleId :

Tot Ion: 50 Resp: 11336

Ion Ratio Lower Upper

50 100

52 36.4 23.3 43.3



#13

Acetone

Concen: 4.353 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006825.D

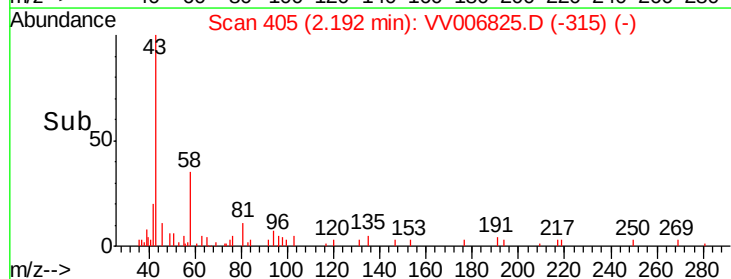
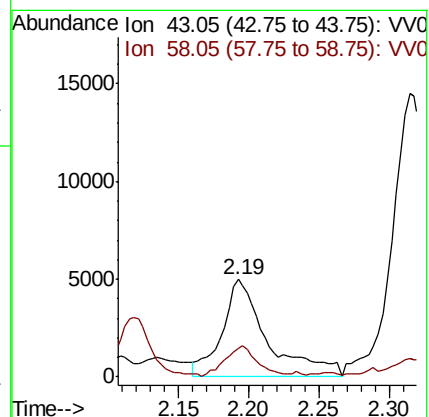
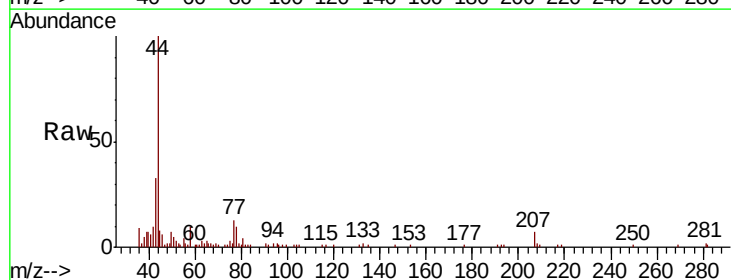
Acq: 02 Aug 2018 23:03

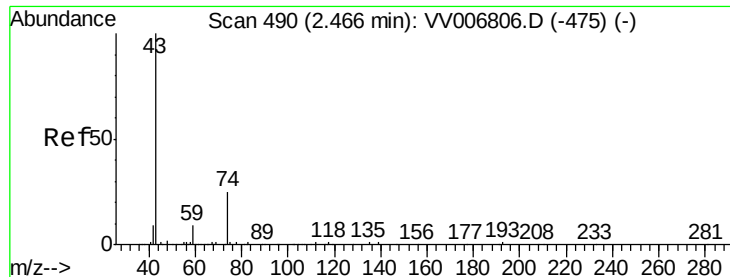
Tgt Ion: 43 Resp: 11231

Ion Ratio Lower Upper

43 100

58 22.7 0.0 69.0

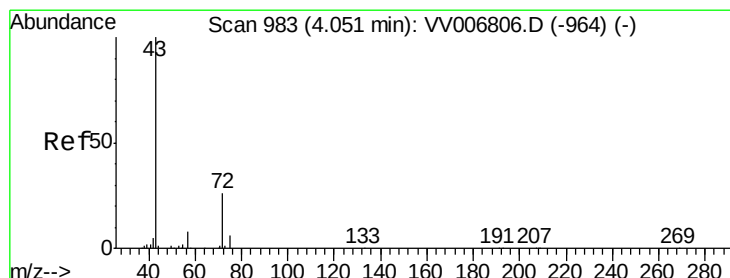
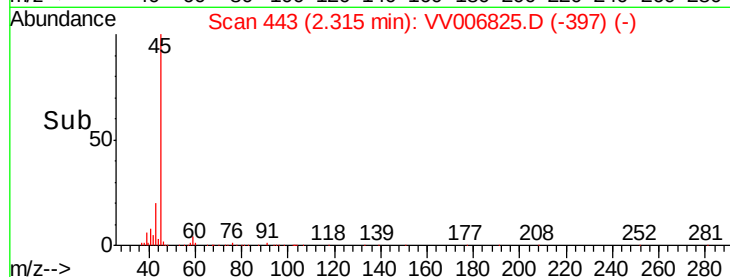
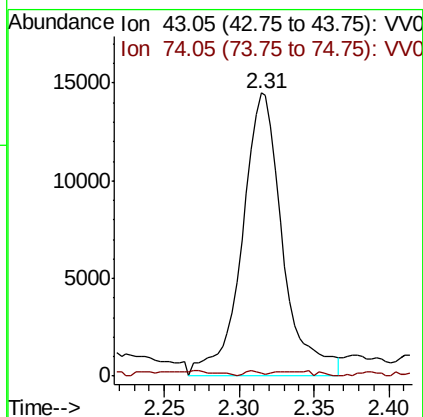
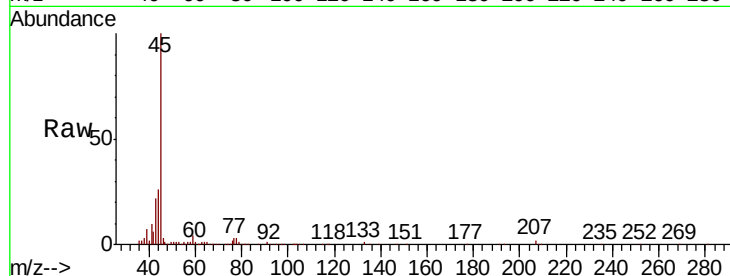




#15
Methvl Acetate
Concen: 3.525 ug/L
RT: 2.31 min Scan# 443
Delta R.T. -0.15 min
Lab File: VV006825.D
Acq: 02 Aug 2018 23:03

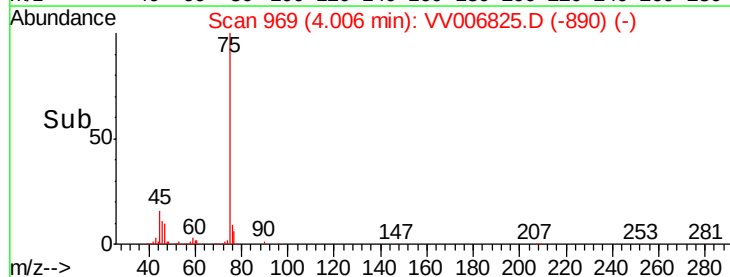
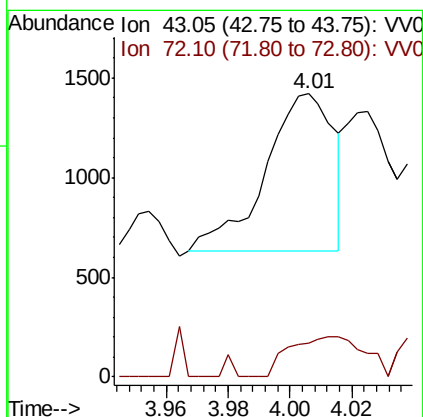
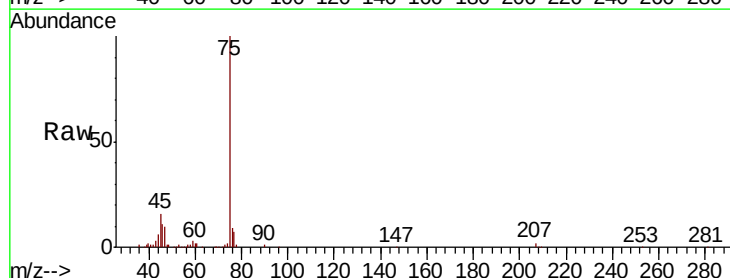
Instrument :
MSVOA_V
ClientSampleId :

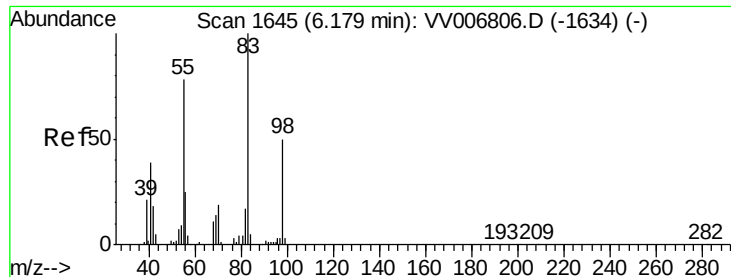
Tot Ion: 43 Resp: 27374
Ion Ratio Lower Upper
43 100
74 0.7 18.3 27.5#



#21
2-Butanone
Concen: 0.307 ug/L
RT: 4.01 min Scan# 969
Delta R.T. -0.05 min
Lab File: VV006825.D
Acq: 02 Aug 2018 23:03

Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
72 28.0 13.4 40.1





#35

Methylcyclohexane

Concen: 0.932 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV006825.D

Acq: 02 Aug 2018 23:03

Instrument :

MSVOA_V

ClientSampleId :

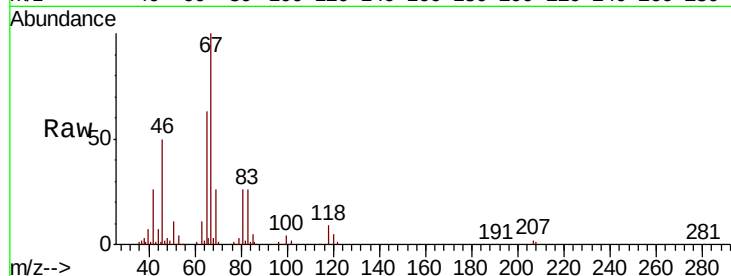
Tot Ion: 83 Resp: 22798

Ion Ratio Lower Upper

83 100

55 1.2 61.8 92.6#

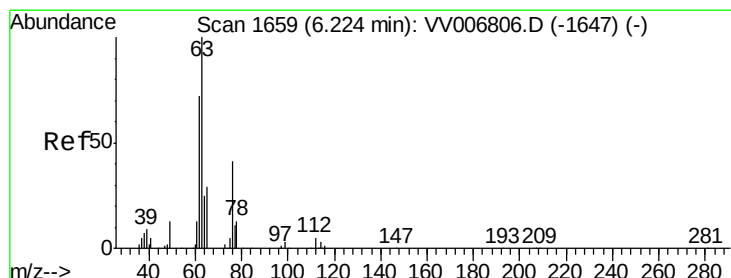
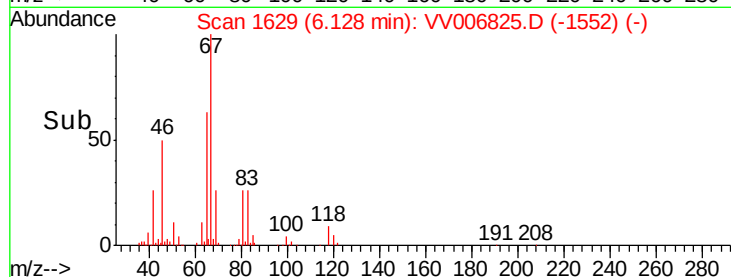
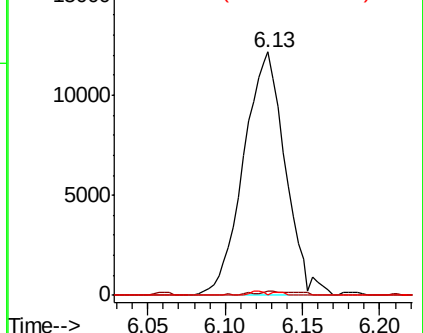
98 0.4 37.2 55.8#



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: 0.605 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006825.D

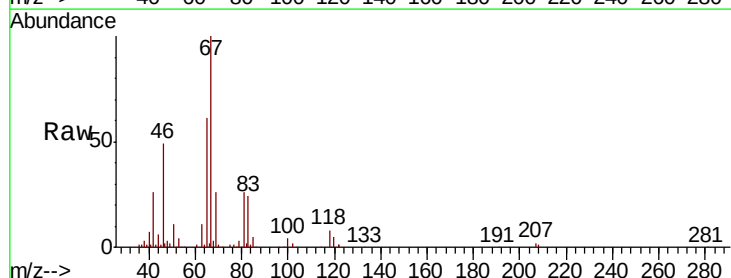
Acq: 02 Aug 2018 23:03

Tgt Ion: 63 Resp: 9599

Ion Ratio Lower Upper

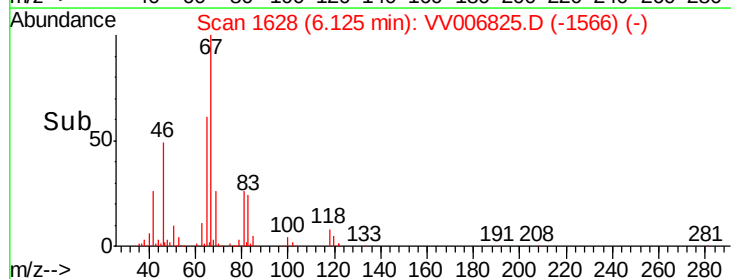
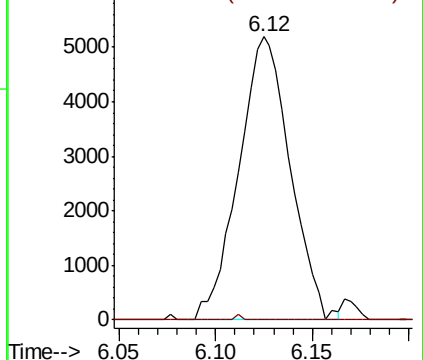
63 100

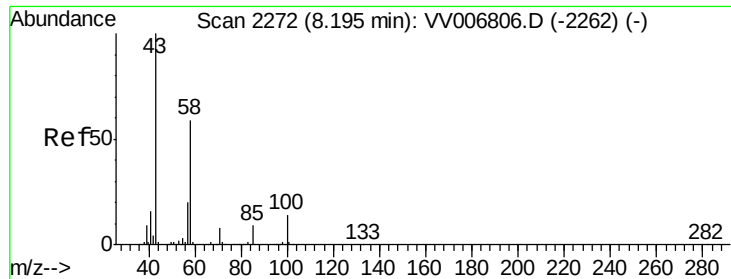
112 0.2 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 1.074 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV006825.D

Acq: 02 Aug 2018 23:03

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6399

Ion Ratio Lower Upper

43 100

58 55.6 45.4 68.0

57 6.1 15.4 23.2#

100 9.4 10.6 16.0#

