

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006815.D
 Acq On : 02 Aug 2018 18:34
 Operator : SY/MD
 Sample : J4315-04
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:58:34 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	277730	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91456	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	83959	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	127304	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.95	46	275216	58.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.98%
24) Chloroform-d	4.41	84	164146	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	87991	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	335528	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.13	67	111325	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.37	98	271762	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	36633	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	182561	52.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89180	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	92717	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

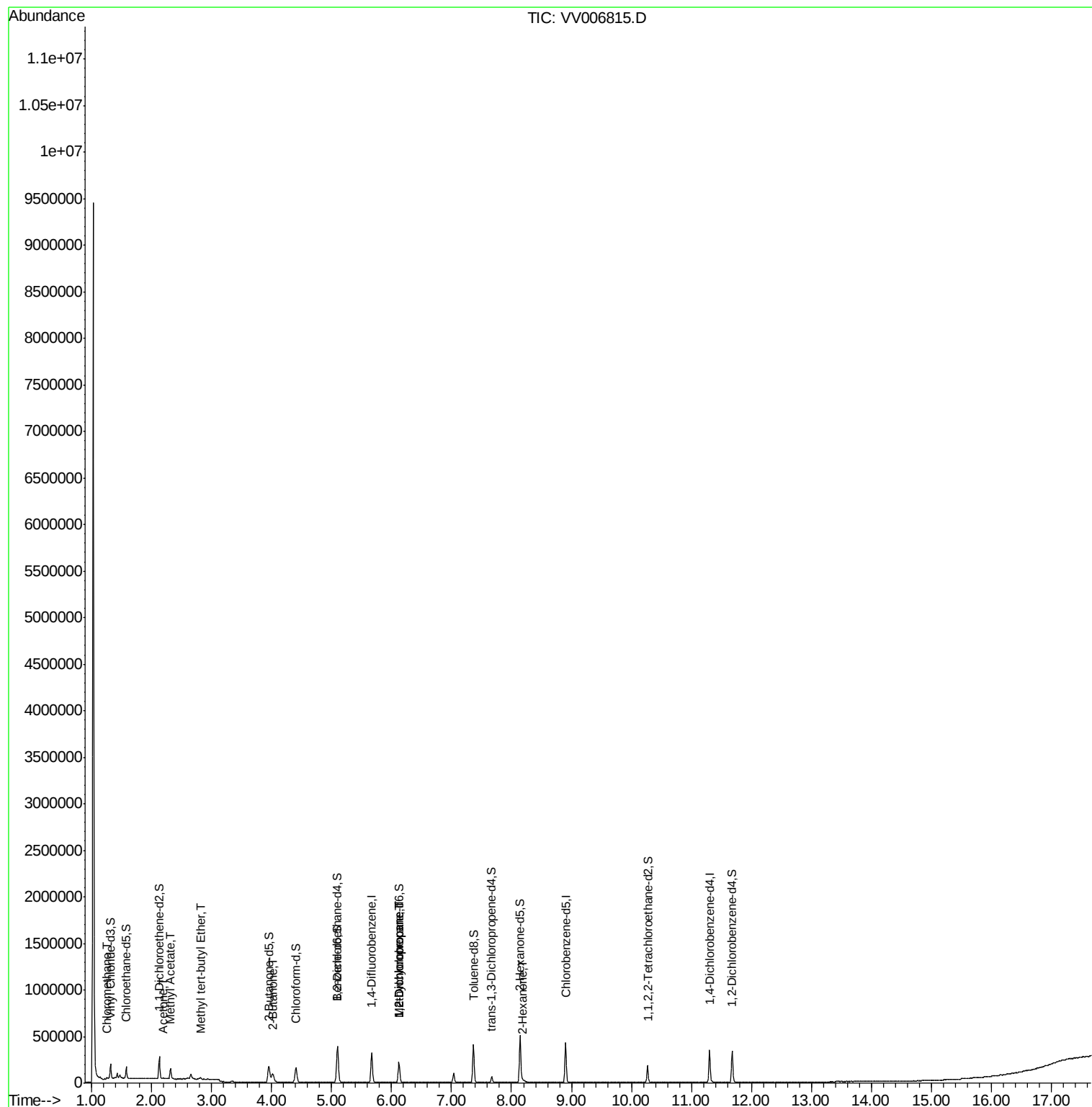
					Ovalue
3) Chloromethane	1.25	50	12313	0.384 ug/L	93
13) Acetone	2.19	43	7896	2.400 ug/L	90
15) Methyl Acetate	2.31	43	23987	2.422 ug/L #	55
17) Methyl tert-butyl Ether	2.81	73	12023	0.253 ug/L #	80
21) 2-Butanone	4.02	43	2929	0.583 ug/L	88
35) Methylcyclohexane	6.13	83	25471	0.822 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	11603	0.577 ug/L #	89
48) 2-Hexanone	8.19	43	8028	1.063 ug/L #	89

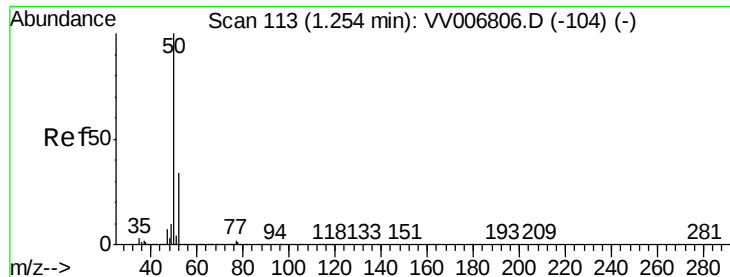
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.384 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006815.D

Acq: 02 Aug 2018 18:34

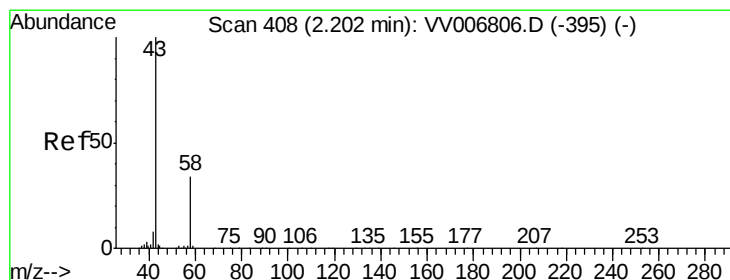
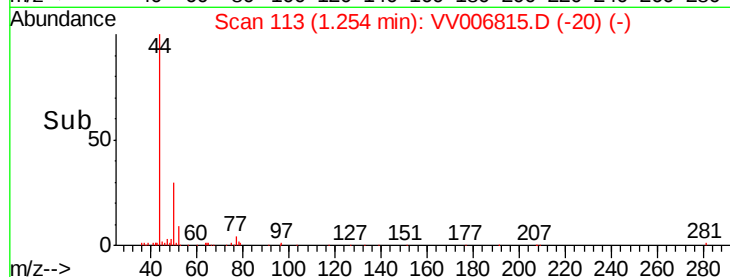
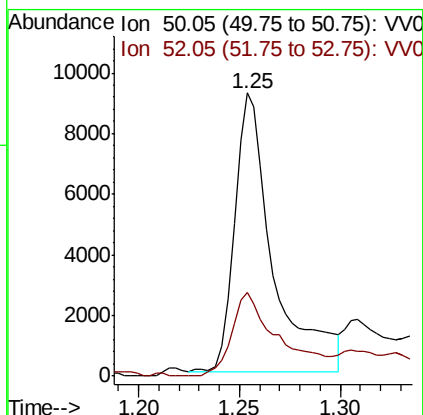
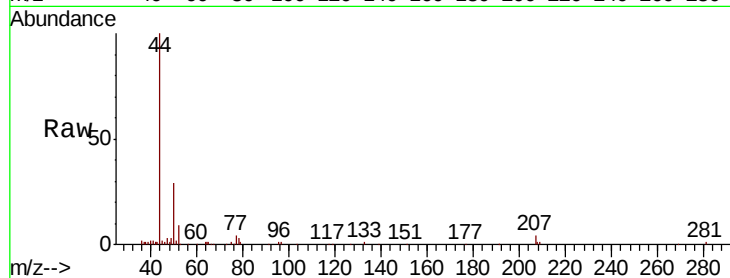
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 12313

Ion Ratio Lower Upper

50 100

52 29.4 23.3 43.3



#13

Acetone

Concen: 2.400 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006815.D

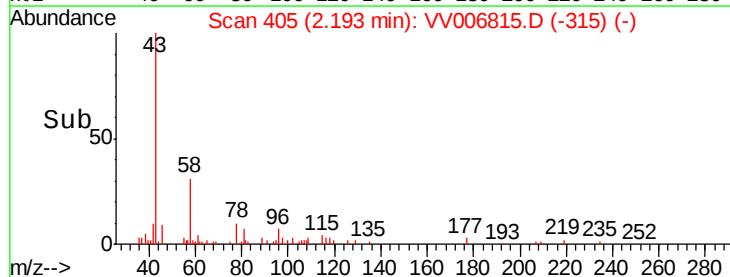
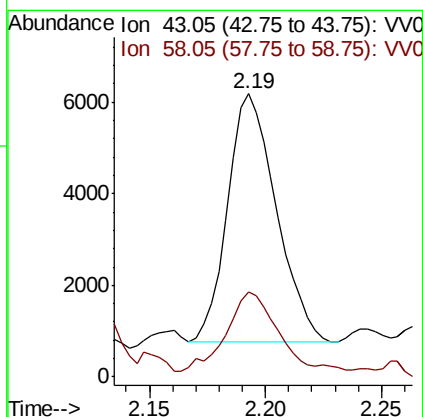
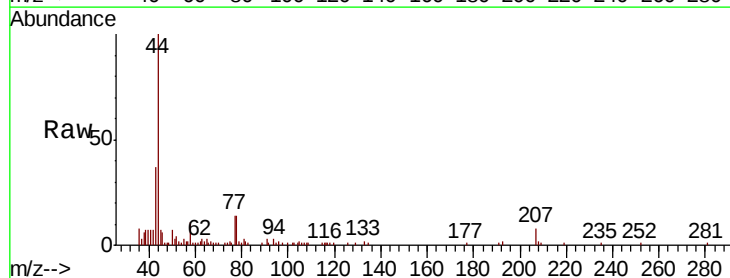
Acq: 02 Aug 2018 18:34

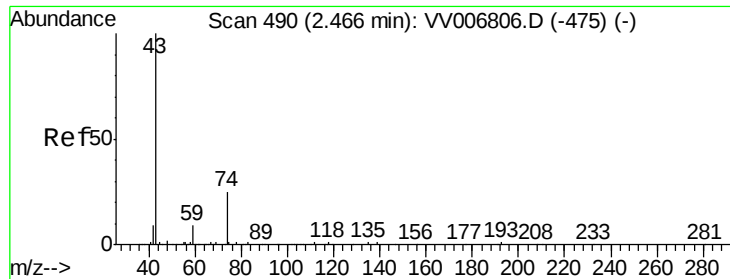
Tgt Ion: 43 Resp: 7896

Ion Ratio Lower Upper

43 100

58 40.6 0.0 69.0

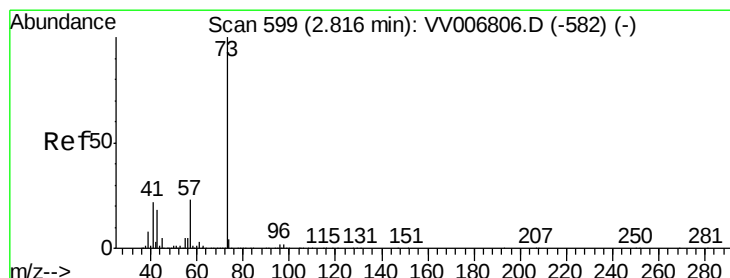
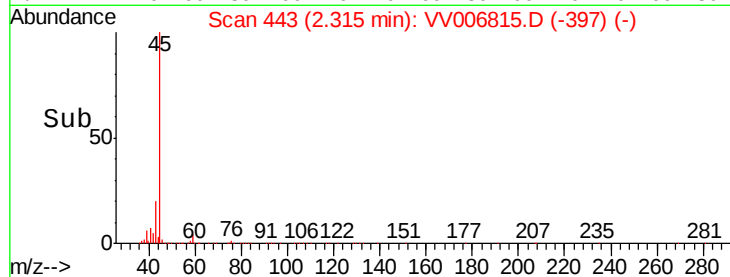
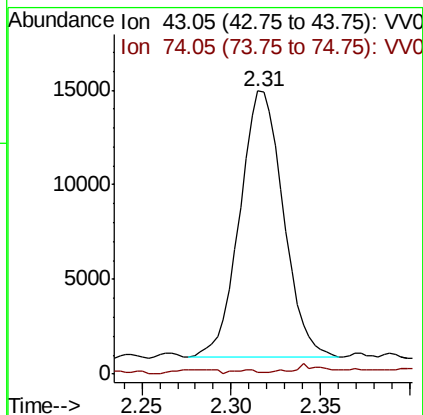
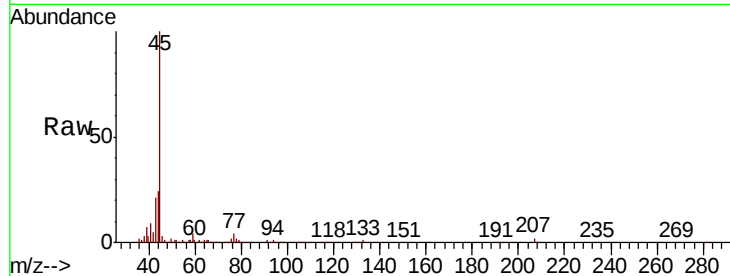




#15
Methyl Acetate
Concen: 2.422 ug/L
RT: 2.31 min Scan# 443
Delta R.T. -0.15 min
Lab File: VV006815.D
Acq: 02 Aug 2018 18:34

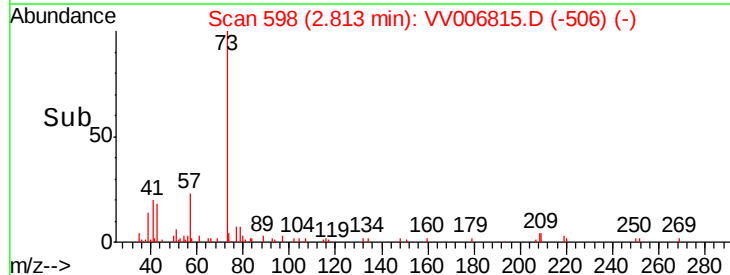
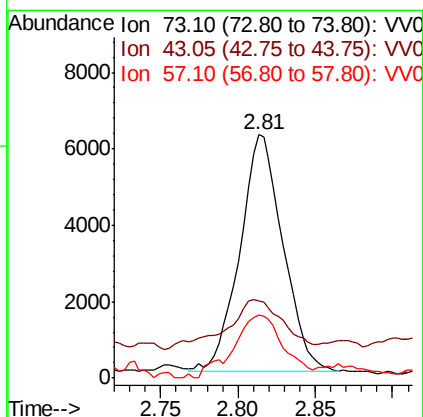
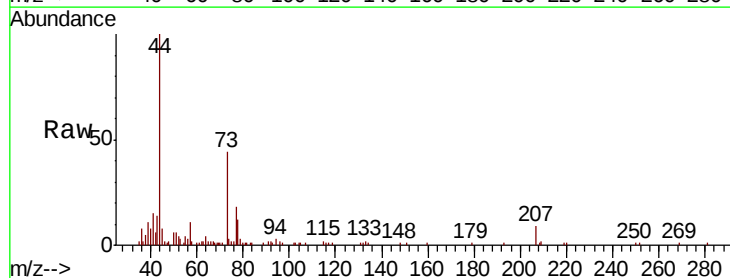
Instrument :
MSVOA_V
ClientSampleId :

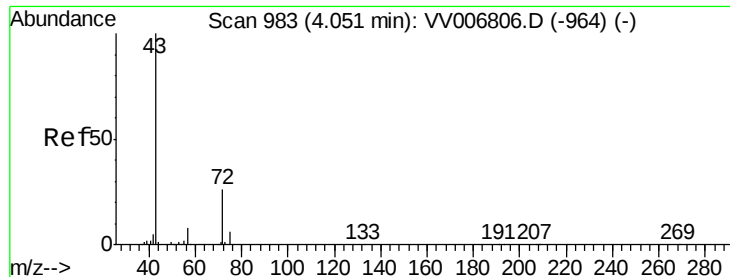
Tot Ion: 43 Resp: 23987
Ion Ratio Lower Upper
43 100
74 0.9 18.3 27.5#



#17
Methyl tert-butyl Ether
Concen: 0.253 ug/L
RT: 2.81 min Scan# 598
Delta R.T. -0.00 min
Lab File: VV006815.D
Acq: 02 Aug 2018 18:34

Tgt Ion: 73 Resp: 12023
Ion Ratio Lower Upper
73 100
43 28.4 14.6 22.0#
57 31.1 18.0 27.0#





#21

2-Butanone

Concen: 0.583 ug/L

RT: 4.02 min Scan# 974

Delta R.T. -0.03 min

Lab File: VV006815.D

Acq: 02 Aug 2018 18:34

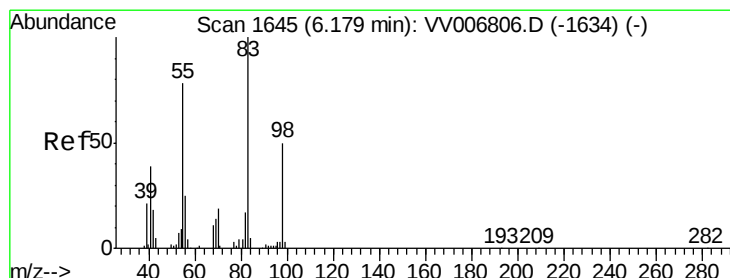
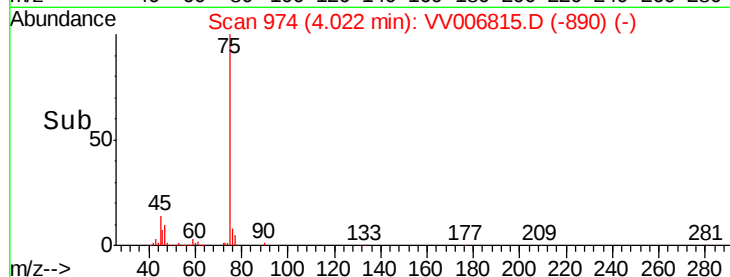
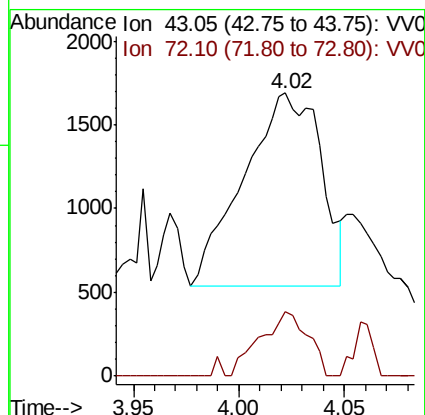
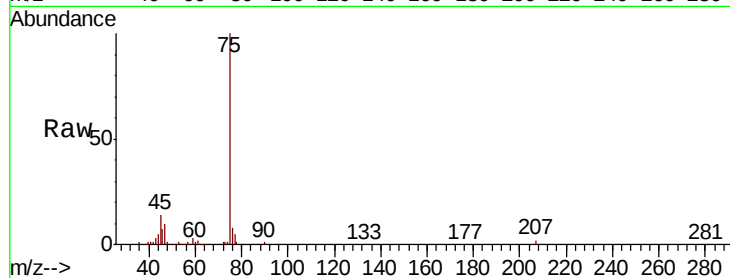
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2929

Ion Ratio Lower Upper

43 100

72 20.6 13.4 40.1



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.13 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006815.D

Acq: 02 Aug 2018 18:34

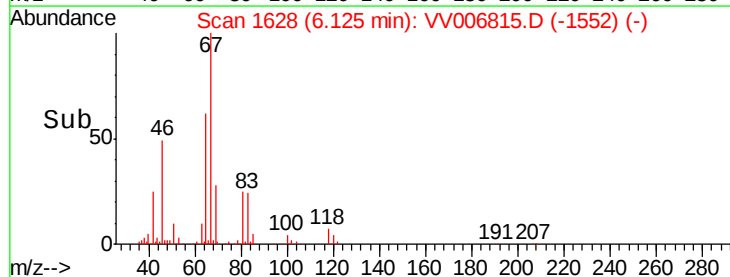
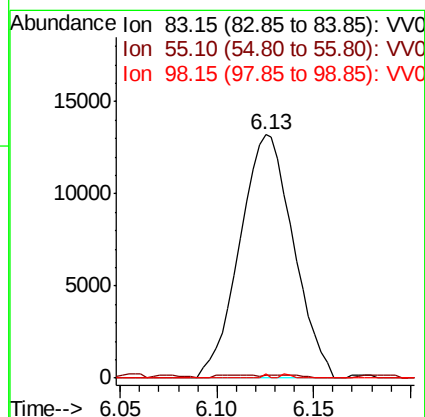
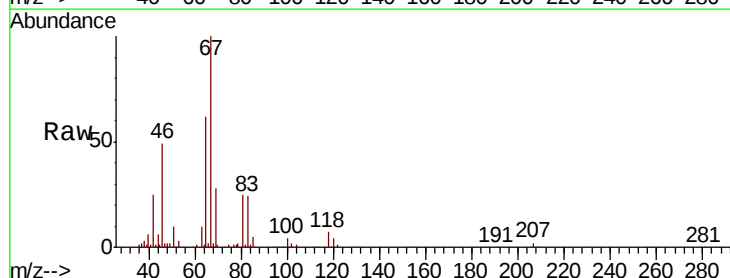
Tgt Ion: 83 Resp: 25471

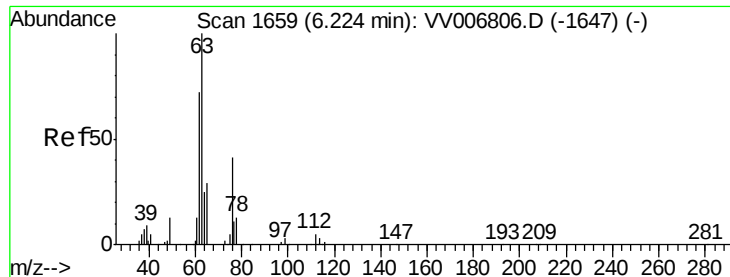
Ion Ratio Lower Upper

83 100

55 0.9 61.8 92.6#

98 0.2 37.2 55.8#

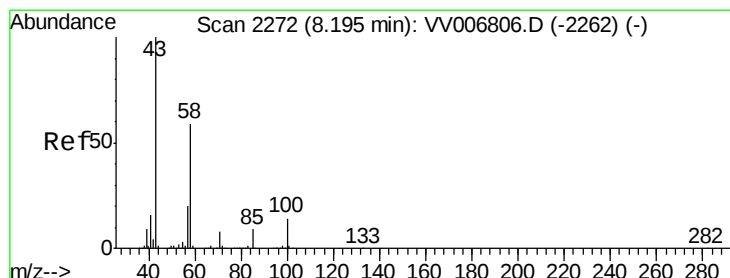
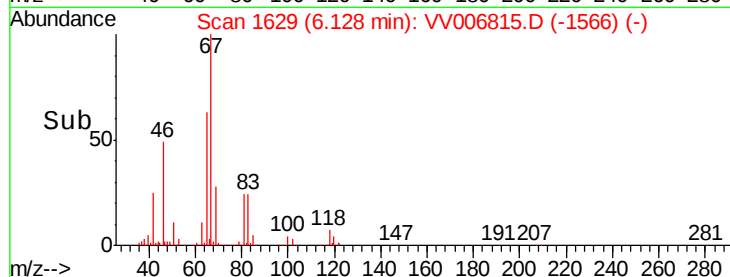
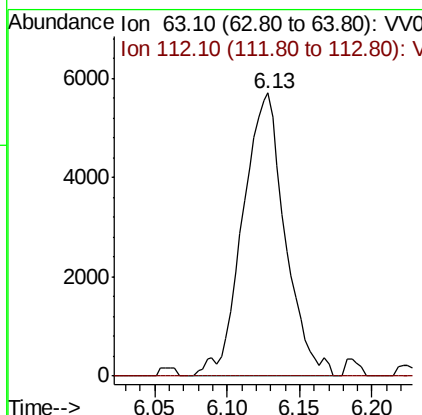
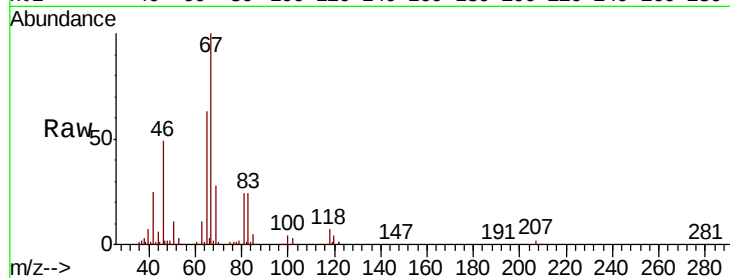




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006815.D
 Acq: 02 Aug 2018 18:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 11603
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#48
 2-Hexanone
 Concen: 1.063 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006815.D
 Acq: 02 Aug 2018 18:34

Tgt Ion: 43 Resp: 8028
 Ion Ratio Lower Upper
 43 100
 58 49.2 45.4 68.0
 57 27.4 15.4 23.2#
 100 12.5 10.6 16.0

