

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006831.D
 Acq On : 03 Aug 2018 02:38
 Operator : SY/MD
 Sample : J4227-10
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 04:23:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229678	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213413	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80545	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	71105	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	108157	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.95	46	231172	59.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.84%
24) Chloroform-d	4.41	84	143735	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	75967	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	276618	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	94360	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.37	98	215021	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	28896	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	144197	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76699	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	74666	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

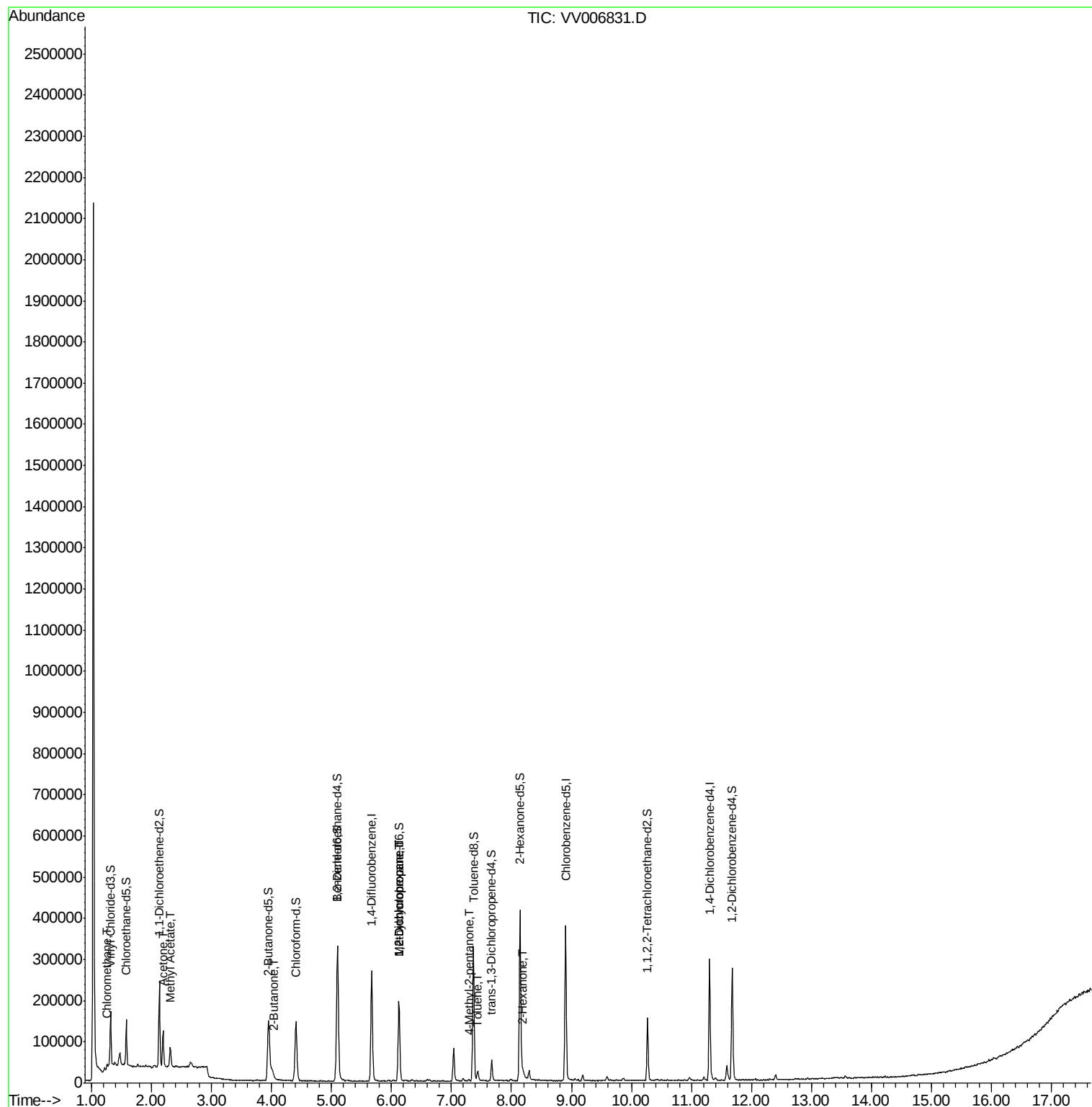
					Ovalue
3) Chloromethane	1.25	50	11712	0.442 ug/L	99
13) Acetone	2.19	43	79210	29.113 ug/L	98
15) Methyl Acetate	2.31	43	10199	1.246 ug/L #	60
21) 2-Butanone	4.04	43	5924	1.425 ug/L	80
35) Methylcyclohexane	6.12	83	22969	0.867 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10302	0.599 ug/L #	89
40) 4-Methyl-2-pentanone	7.29	43	3221	0.339 ug/L #	78
42) Toluene	7.44	91	15281	0.237 ug/L	97
48) 2-Hexanone	8.20	43	6610	1.024 ug/L #	91

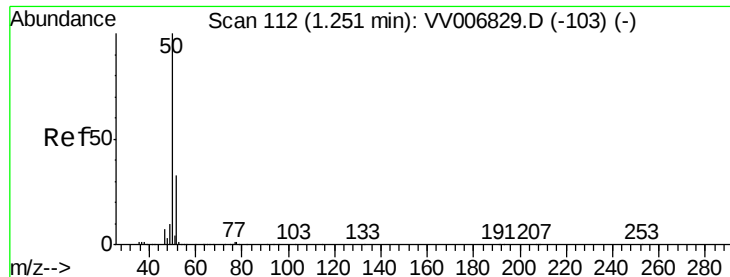
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.442 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006831.D

Acq: 03 Aug 2018 02:38

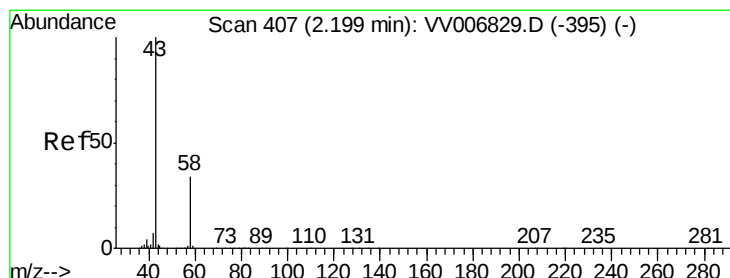
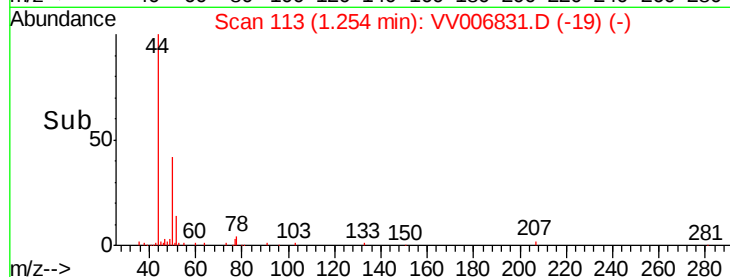
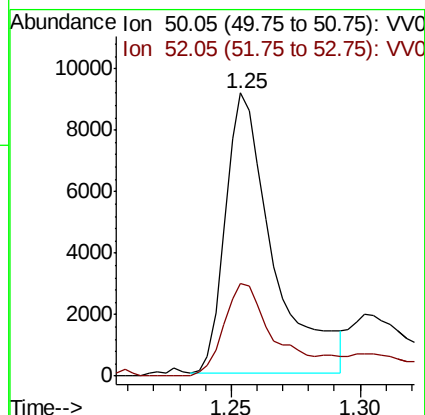
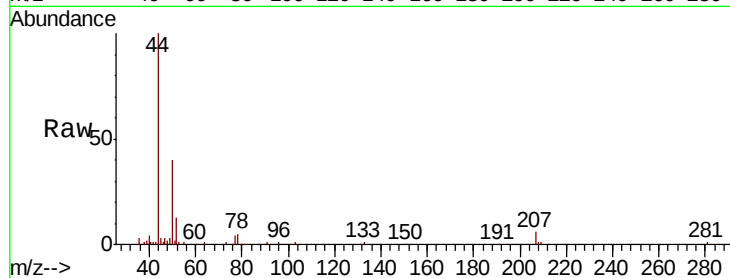
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 11712

Ion Ratio Lower Upper

50 100

52 32.9 23.3 43.3



#13

Acetone

Concen: 29.113 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006831.D

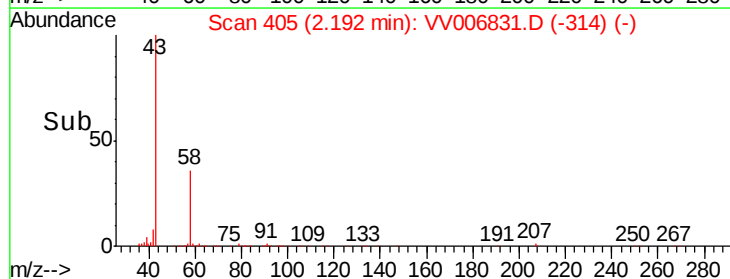
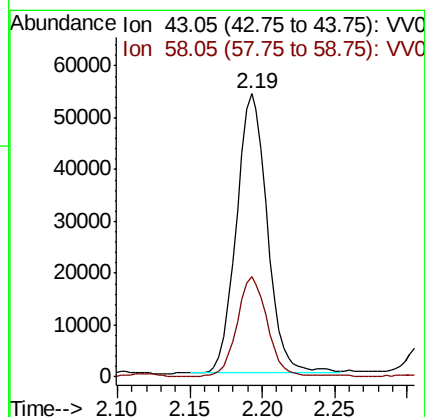
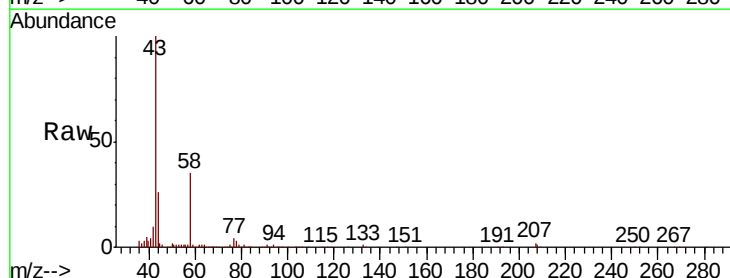
Acq: 03 Aug 2018 02:38

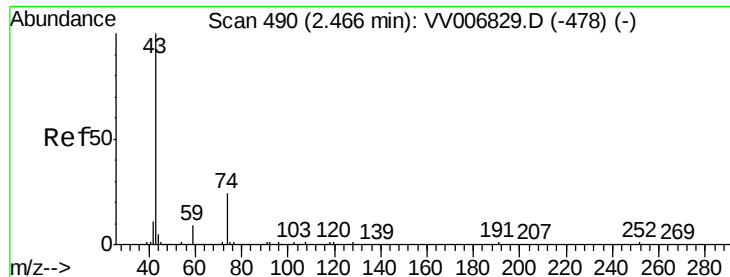
Tgt Ion: 43 Resp: 79210

Ion Ratio Lower Upper

43 100

58 35.9 0.0 69.0

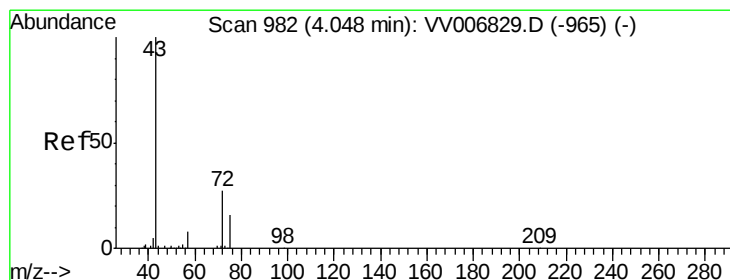
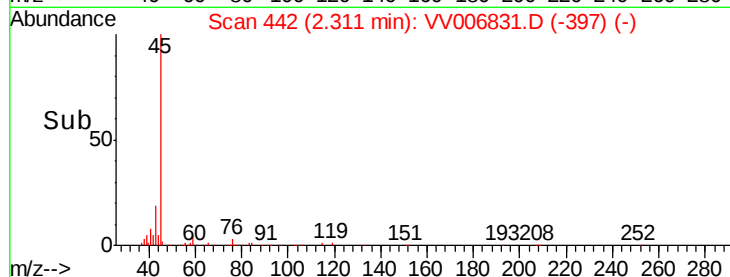
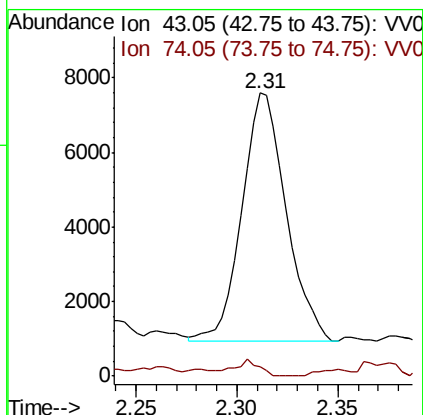
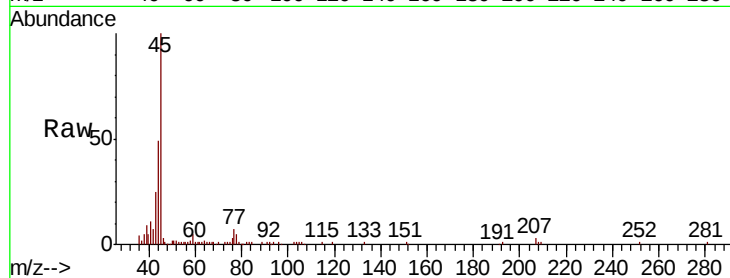




#15
Methyl Acetate
Concen: 1.246 ug/L
RT: 2.31 min Scan# 442
Delta R.T. -0.15 min
Lab File: VV006831.D
Acq: 03 Aug 2018 02:38

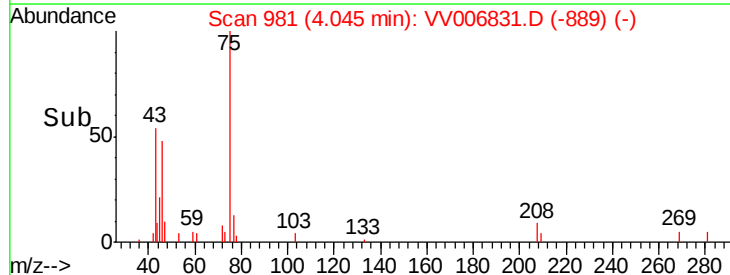
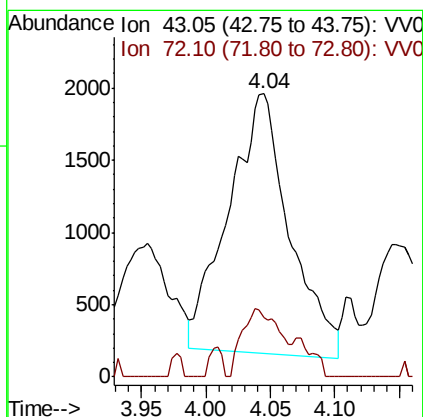
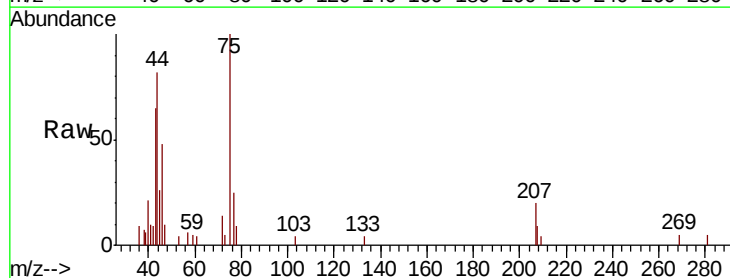
Instrument :
MSVOA_V
ClientSampleId :

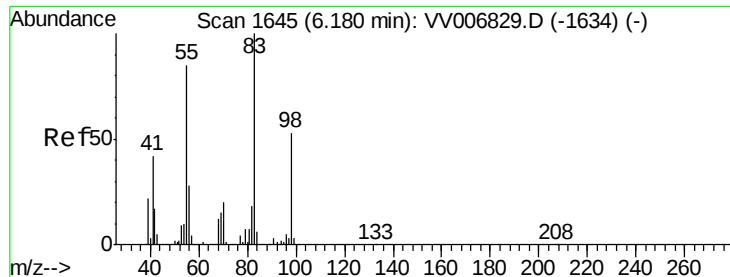
Tot Ion: 43 Resp: 10199
Ion Ratio Lower Upper
43 100
74 3.8 18.3 27.5#



#21
2-Butanone
Concen: 1.425 ug/L
RT: 4.04 min Scan# 981
Delta R.T. -0.00 min
Lab File: VV006831.D
Acq: 03 Aug 2018 02:38

Tgt Ion: 43 Resp: 5924
Ion Ratio Lower Upper
43 100
72 16.5 13.4 40.1

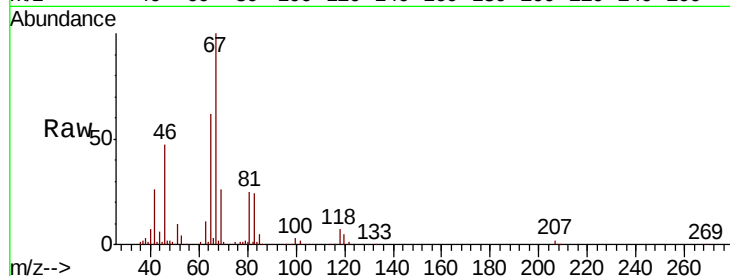




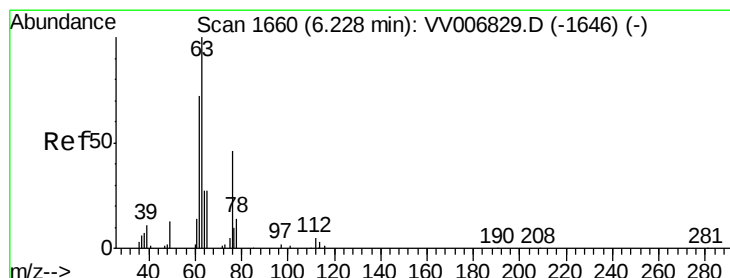
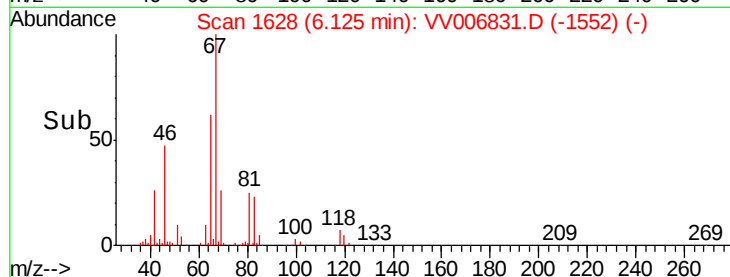
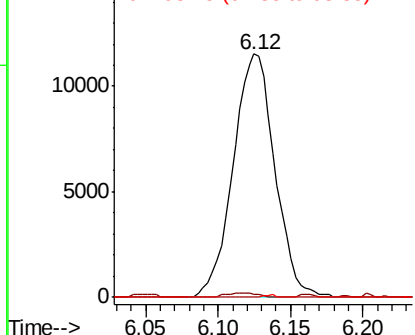
#35
Methvlcvclohexane
Concen: 0.867 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006831.D
Acq: 03 Aug 2018 02:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 22969
Ion Ratio Lower Upper
83 100
55 1.3 61.8 92.6#
98 0.3 37.2 55.8#

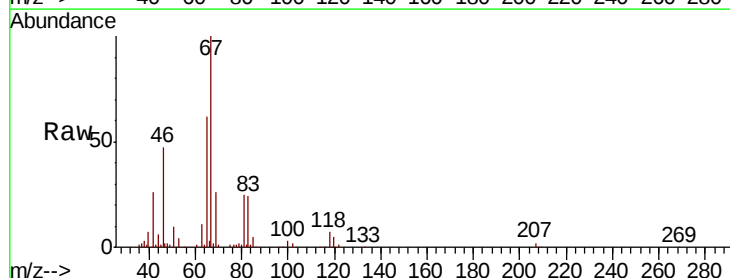


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

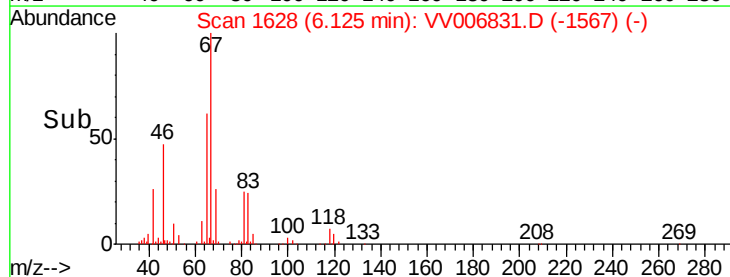
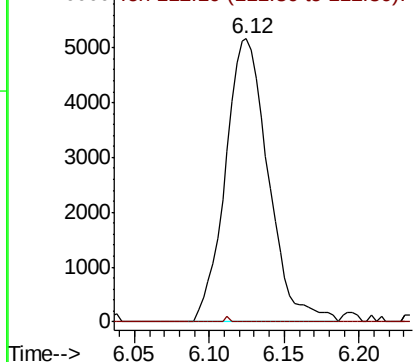


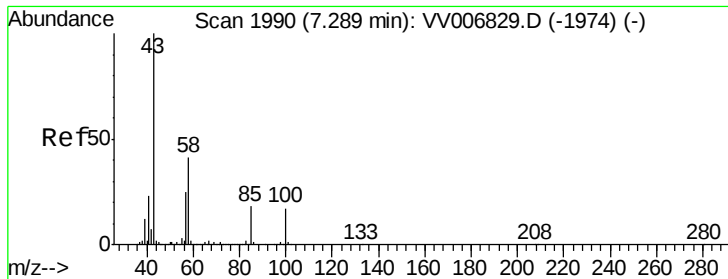
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006831.D
Acq: 03 Aug 2018 02:38

Tgt Ion: 63 Resp: 10302
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

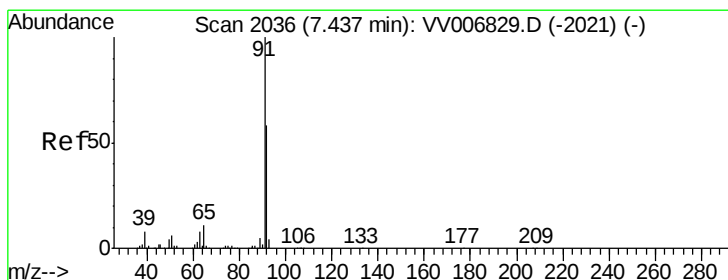
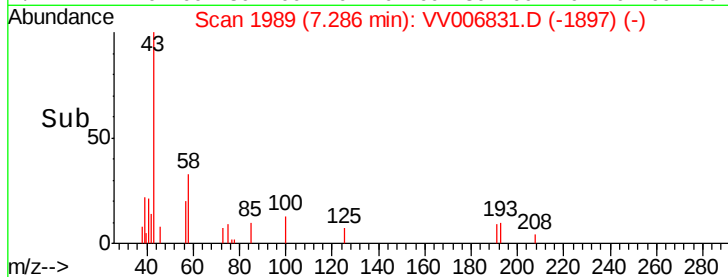
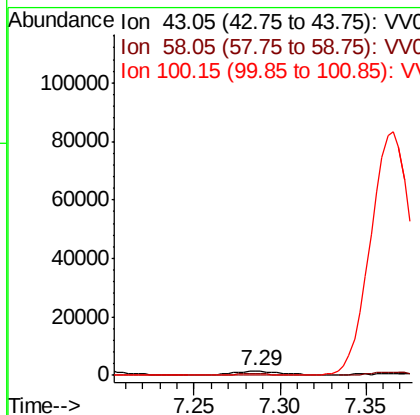
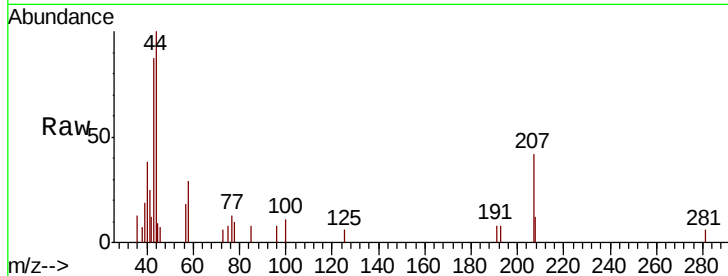




#40
 4-Methyl-2-pentanone
 Concen: 0.339 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VV006831.D
 Acq: 03 Aug 2018 02:38

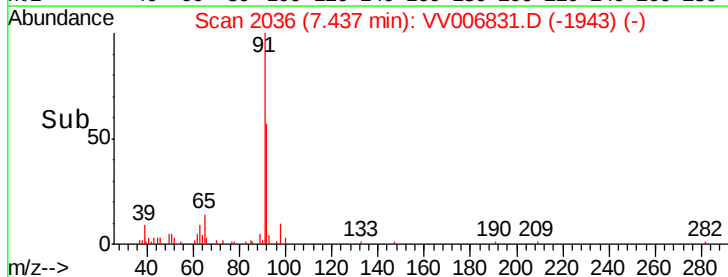
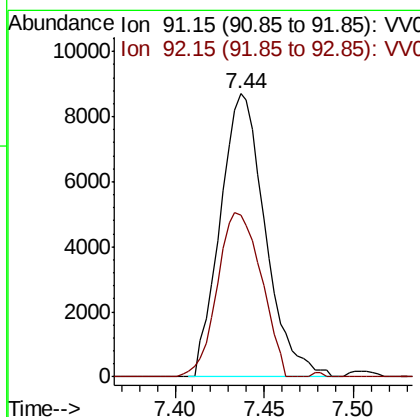
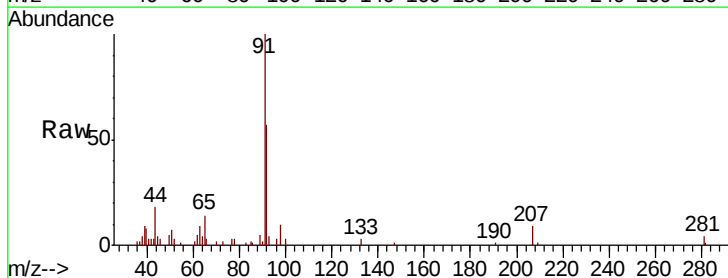
Instrument :
 MSVOA_V
 ClientSampled :

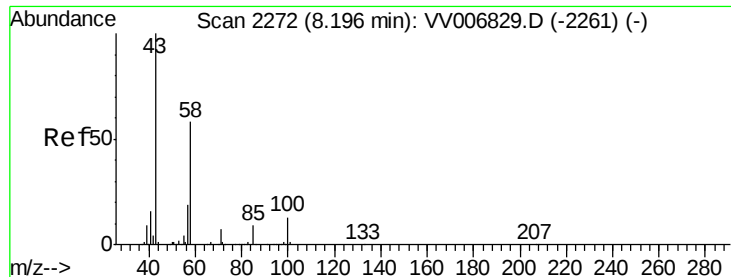
Tot Ion: 43 Resp: 3221
 Ion Ratio Lower Upper
 43 100
 58 30.7 32.6 48.8#
 100 0.0 13.1 19.7#



#42
 Toluene
 Concen: 0.237 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VV006831.D
 Acq: 03 Aug 2018 02:38

Tgt Ion: 91 Resp: 15281
 Ion Ratio Lower Upper
 91 100
 92 57.2 41.4 77.0





#48

2-Hexanone

Concen: 1.024 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV006831.D

Acq: 03 Aug 2018 02:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6610

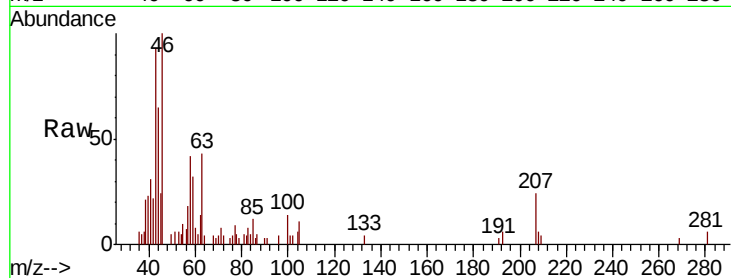
Ion Ratio Lower Upper

43 100

58 54.3 45.4 68.0

57 6.6 15.4 23.2#

100 15.3 10.6 16.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

