

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072718\
 Data File : VV006721.D
 Acq On : 27 Jul 2018 12:23
 Operator : SY/MD
 Sample : J4190-08
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 02:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 28 02:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	321668	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	298053	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78511	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	60301	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	105659	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.95	46	187761	35.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.78%
24) Chloroform-d	4.40	84	132346	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.09	65	66174	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.10	84	280716	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	90304	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.36	98	242208	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	28132	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	148912	34.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59839	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	88188	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

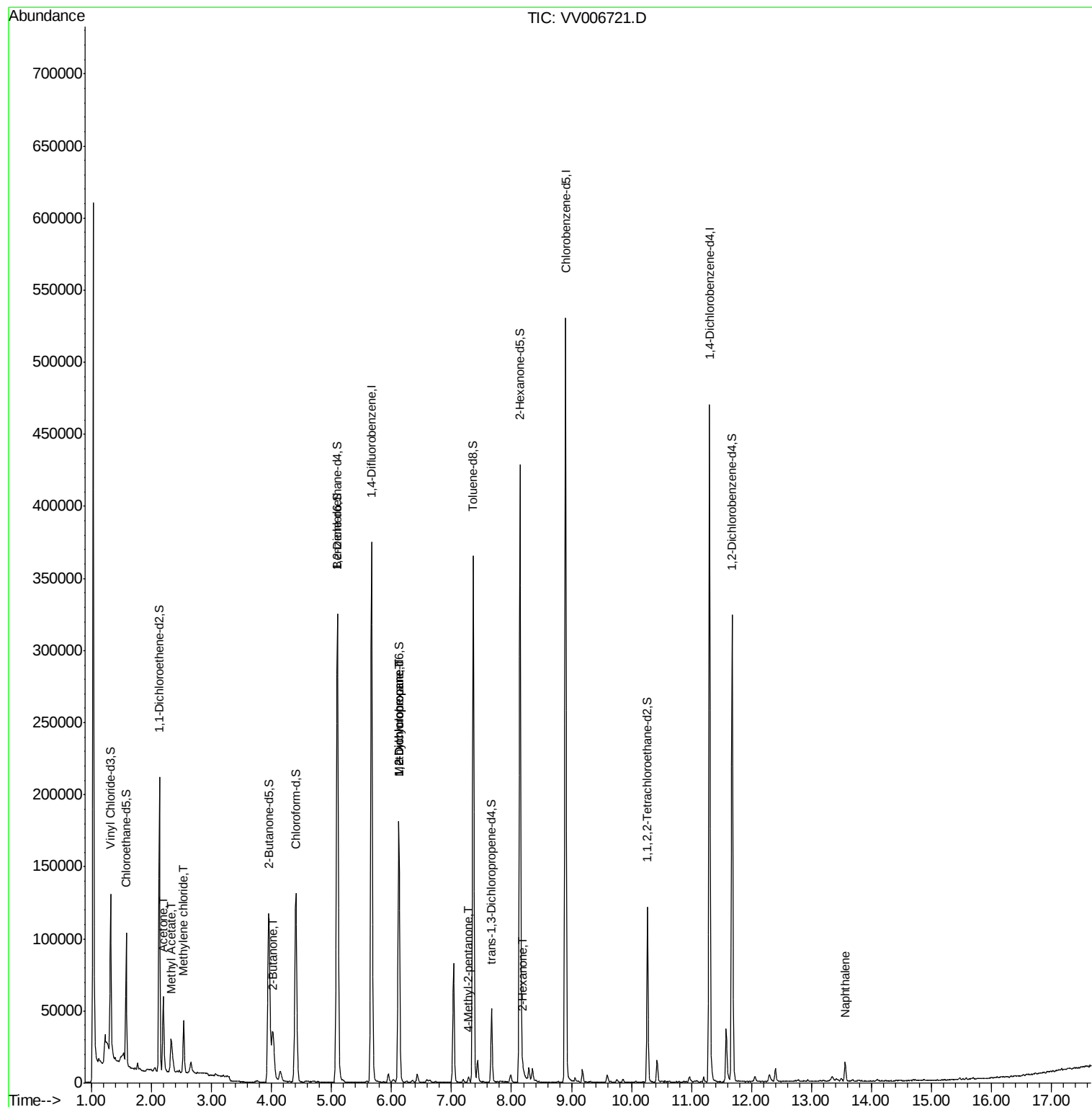
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	50667	15.224	ug/L	99
15) Methyl Acetate	2.33	43	8354	0.847	ug/L #	56
16) Methylene chloride	2.54	84	14347	0.594	ug/L	100
21) 2-Butanone	4.04	43	7411	1.329	ug/L	93
35) Methylcyclohexane	6.12	83	20869	0.552	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9130	0.397	ug/L #	87
40) 4-Methyl-2-pentanone	7.29	43	2735	0.216	ug/L #	86
48) 2-Hexanone	8.19	43	3644	0.413	ug/L #	84
69) Naphthalene	13.56	128	10689	0.266	ug/L	99

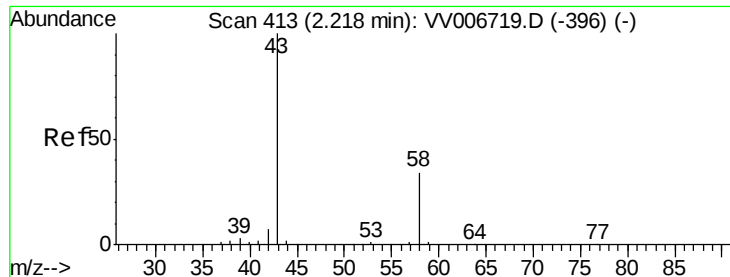
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 28 02:24:46 2018
Response via : Initial Calibration





#13

Acetone

Concen: 15.224 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.02 min

Lab File: VV006721.D

Acq: 27 Jul 2018 12:23

Instrument :

MSVOA_V

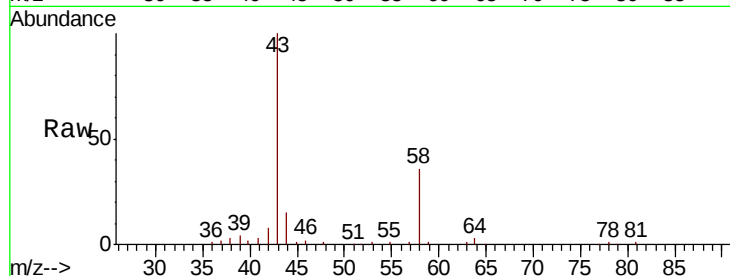
ClientSampleId :

Tot Ion: 43 Resp: 50667

Ion Ratio Lower Upper

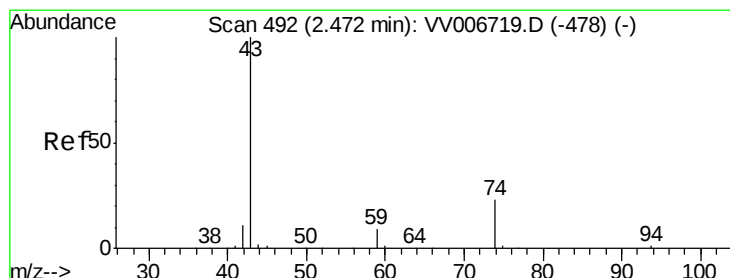
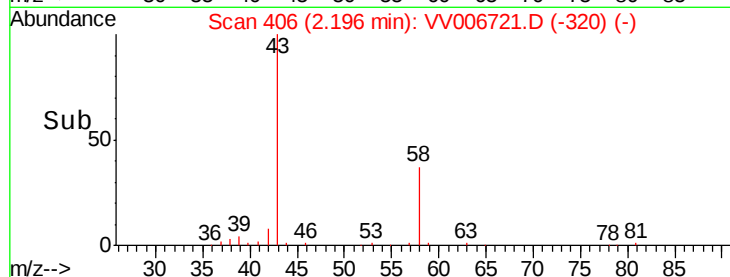
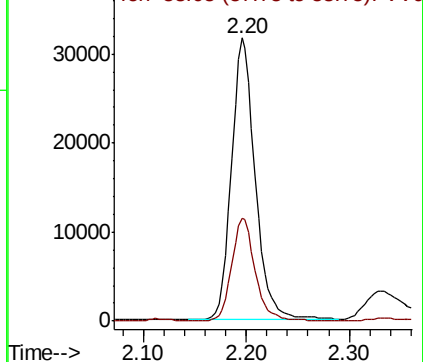
43 100

58 36.1 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006721.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006721.D (-396) (-)



#15

Methyl Acetate

Concen: 0.847 ug/L

RT: 2.33 min Scan# 448

Delta R.T. -0.14 min

Lab File: VV006721.D

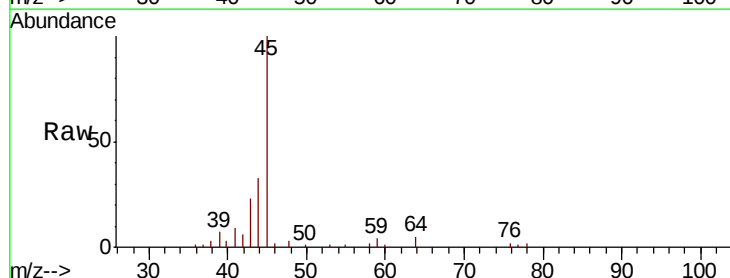
Acq: 27 Jul 2018 12:23

Tgt Ion: 43 Resp: 8354

Ion Ratio Lower Upper

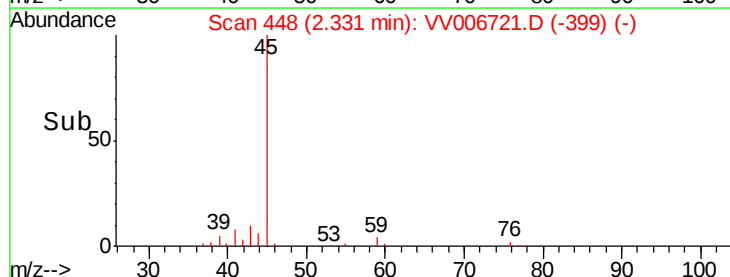
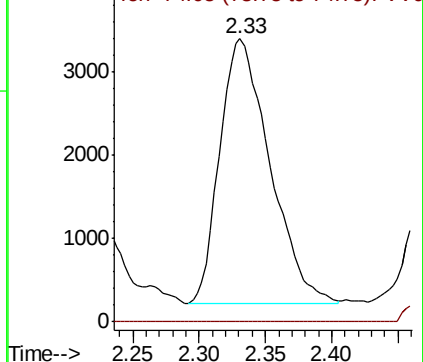
43 100

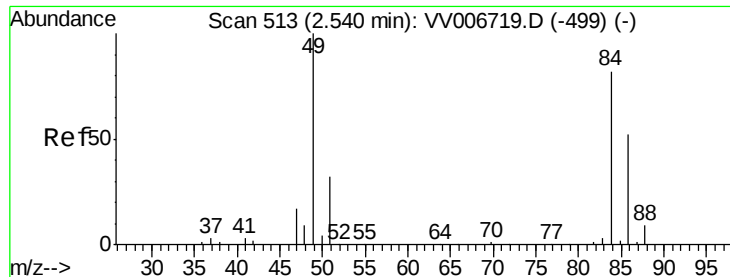
74 3.7 20.6 31.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006721.D (-396) (-)

Ion 74.05 (73.75 to 74.75): VV006721.D (-396) (-)

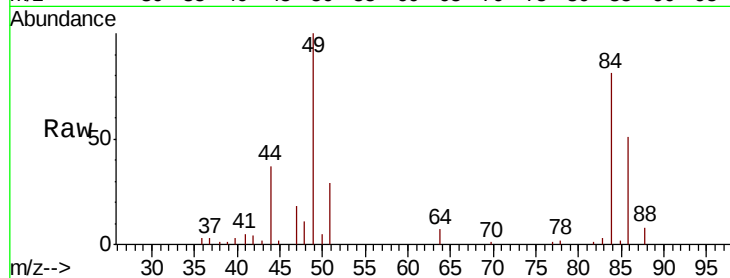




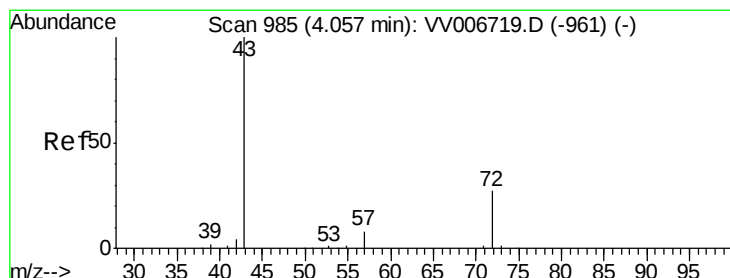
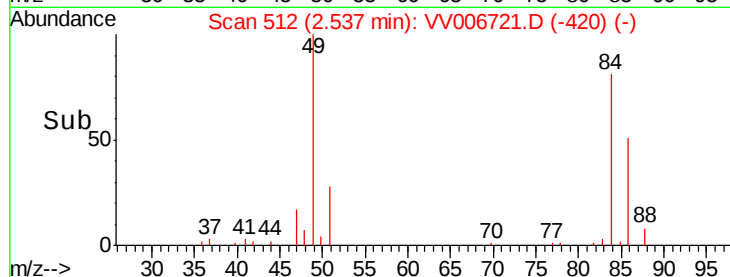
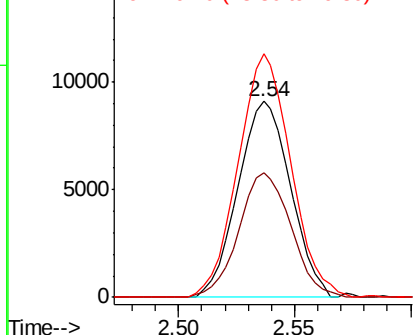
#16
Methvlene chloride
Concen: 0.594 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006721.D
Acq: 27 Jul 2018 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 14347
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 124.1 86.7 160.9

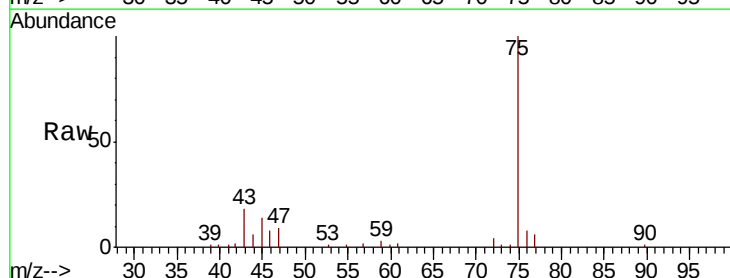


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

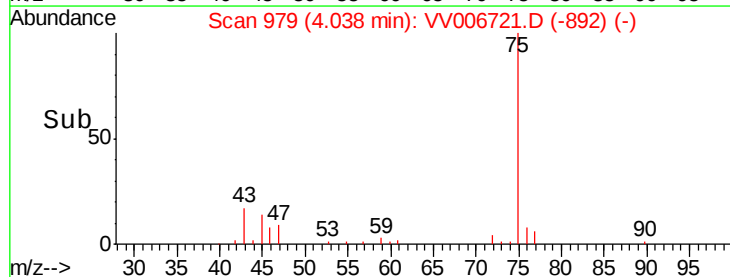
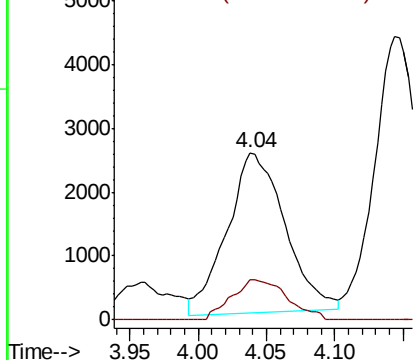


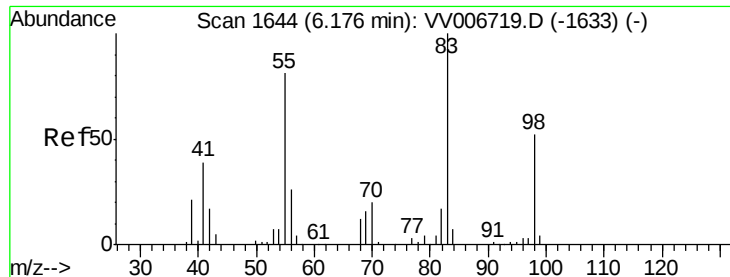
#21
2-Butanone
Concen: 1.329 ug/L
RT: 4.04 min Scan# 979
Delta R.T. -0.02 min
Lab File: VV006721.D
Acq: 27 Jul 2018 12:23

Tgt Ion: 43 Resp: 7411
Ion Ratio Lower Upper
43 100
72 24.2 13.8 41.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

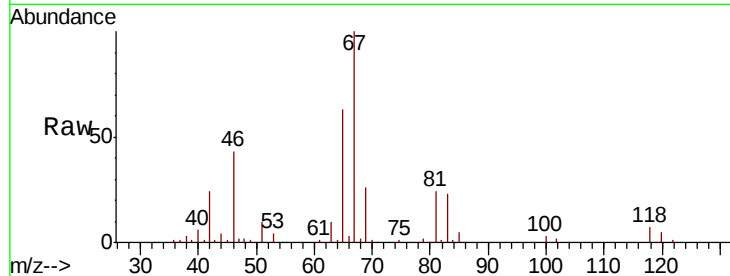




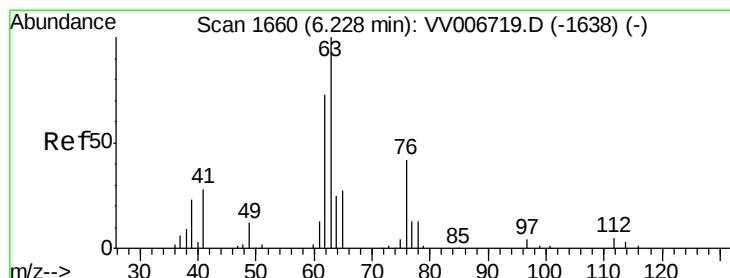
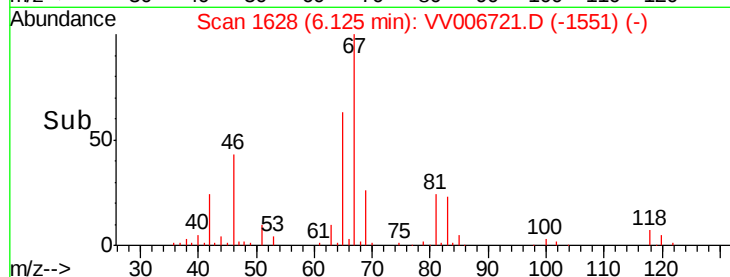
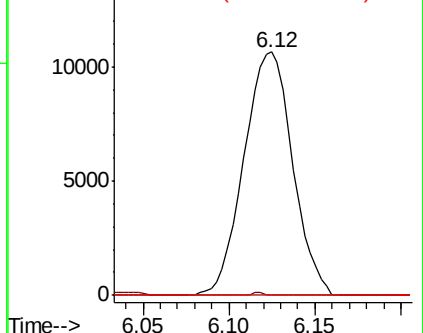
#35
Methvlcvclohexane
Concen: 0.552 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006721.D
Acq: 27 Jul 2018 12:23

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 20869
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 0.0 39.7 59.5#

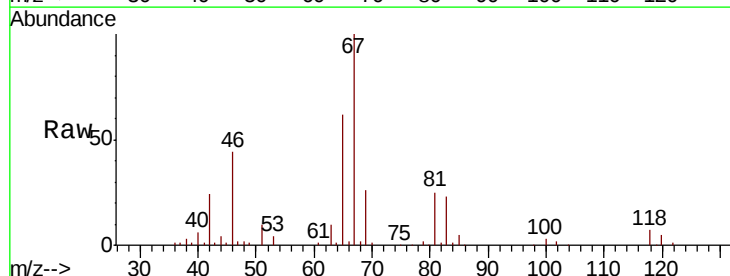


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

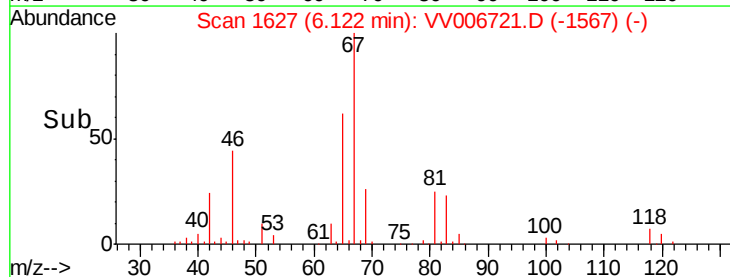
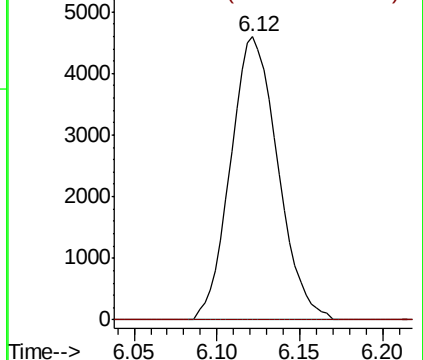


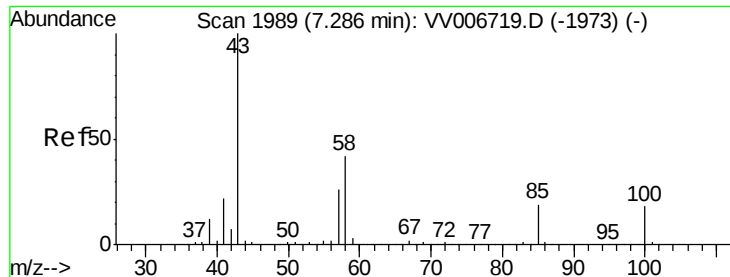
#37
1,2-Dichloropropane
Concen: 0.397 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006721.D
Acq: 27 Jul 2018 12:23

Tgt Ion: 63 Resp: 9130
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

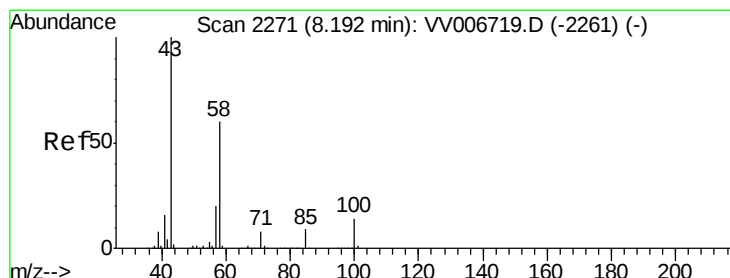
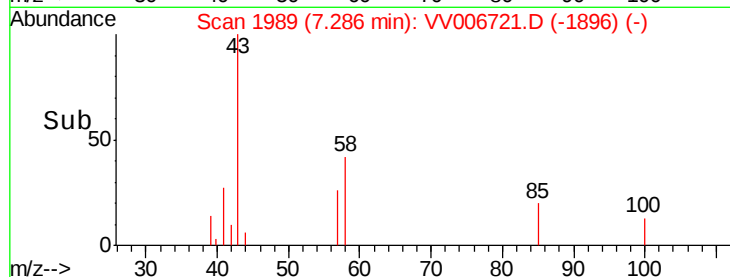
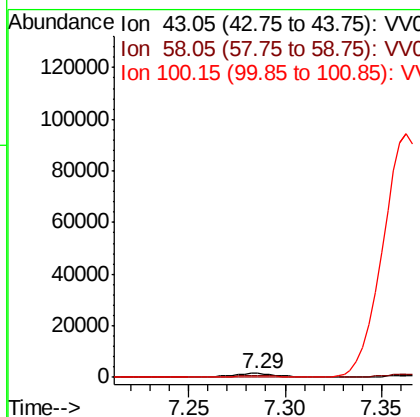
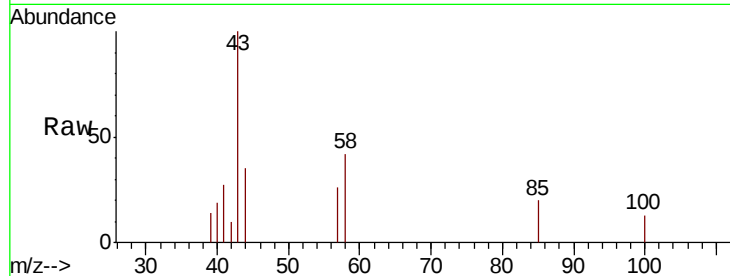




#40
4-Methyl-2-pentanone
Concen: 0.216 ug/L
RT: 7.29 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VV006721.D
Acq: 27 Jul 2018 12:23

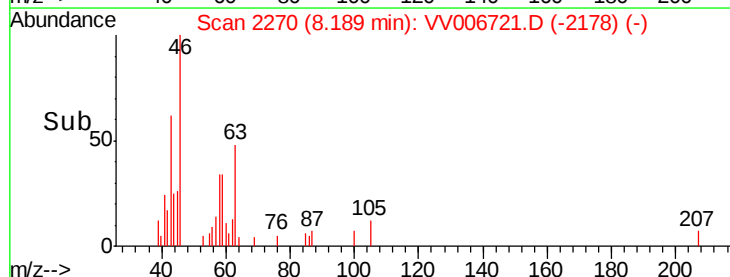
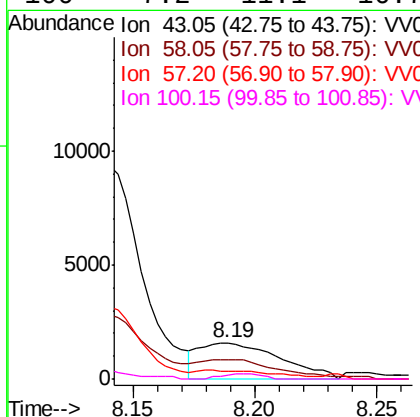
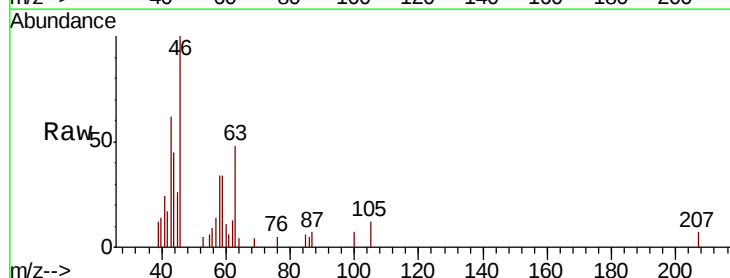
Instrument :
MSVOA_V
ClientSampled :

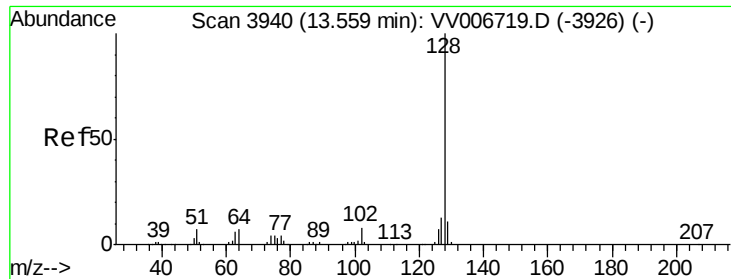
Tot Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
58 39.4 33.4 50.0
100 0.0 13.6 20.4#



#48
2-Hexanone
Concen: 0.413 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006721.D
Acq: 27 Jul 2018 12:23

Tgt Ion: 43 Resp: 3644
Ion Ratio Lower Upper
43 100
58 44.1 47.2 70.8#
57 22.9 16.1 24.1
100 7.2 11.1 16.7#





#69

Naphthalene

Concen: 0.266 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006721.D

Acq: 27 Jul 2018 12:23

Instrument :

MSVOA_V

ClientSampleId :

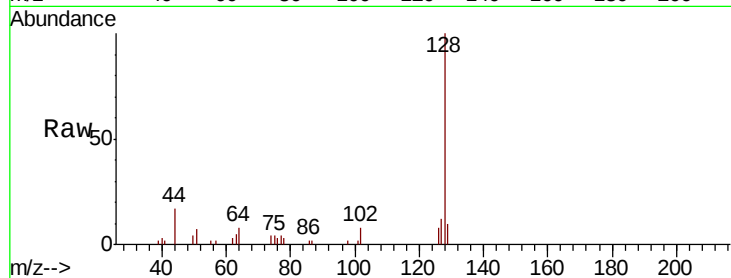
Tot Ion:128 Resp: 10689

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 12.4 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

