

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007018.D
 Acq On : 15 Aug 2018 18:18
 Operator : SY/MD
 Sample : J4487-15
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0304

Quant Time: Aug 16 02:49:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	212154	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83827	5.00	ug/L	0.00

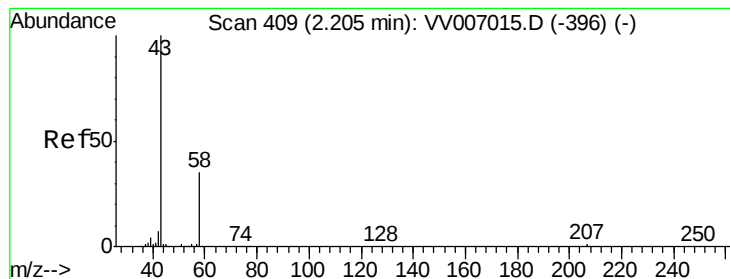
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67749	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	55454	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	89308	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.97	46	175059	44.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.90%
24) Chloroform-d	4.41	84	123251	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	63498	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.10	84	243294	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	82064	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.37	98	183657	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	25911	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.15	63	81130	32.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60725	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	65171	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Qvalue
13) Acetone	2.21	43	30027	14.807	ug/L 100
15) Methyl Acetate	2.47	43	20187	3.537	ug/L 96
16) Methylene chloride	2.54	84	31088	1.692	ug/L 94
21) 2-Butanone	4.06	43	6460	1.467	ug/L 91
35) Methylcyclohexane	6.12	83	18125	0.671	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	9016	0.470	ug/L # 88
40) 4-Methyl-2-pentanone	7.29	43	3061	0.295	ug/L # 81
42) Toluene	7.44	91	56680	0.841	ug/L 95
48) 2-Hexanone	8.20	43	15751	2.154	ug/L # 95
53) m,p-xylene	9.19	106	8918	0.355	ug/L 95

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



#13

Acetone

Concen: 14.807 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV007018.D

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Instrument :

MSVOA_V

ClientSampleId :

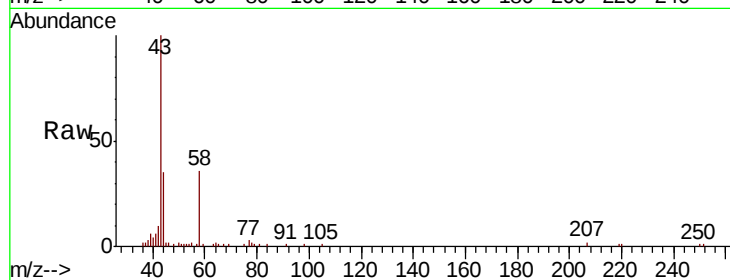
C0304

Tgt Ion: 43 Resp: 30027

Ion Ratio Lower Upper

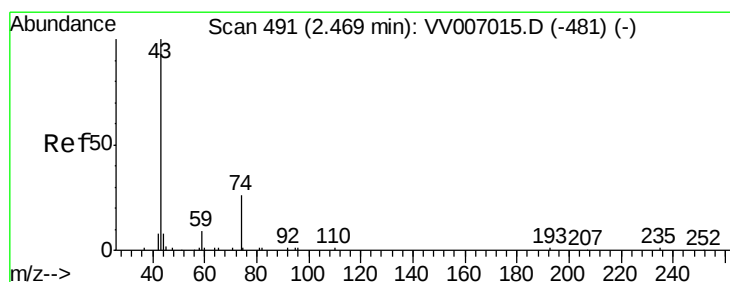
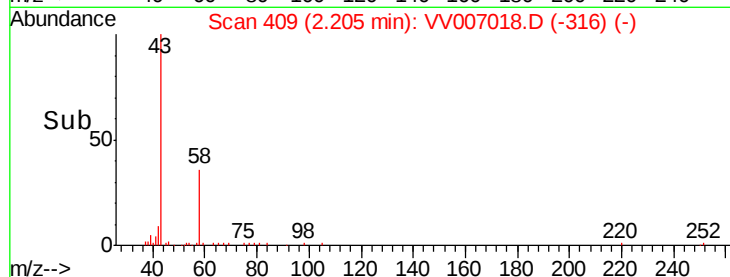
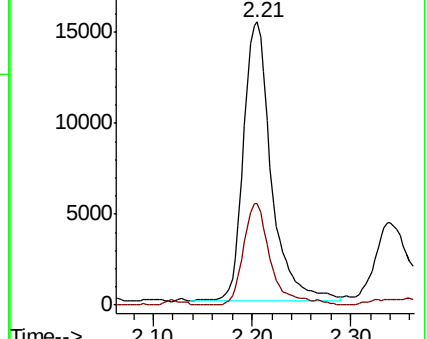
43 100

58 35.8 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007018.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007018.D (-396) (-)



#15

Methyl Acetate

Concen: 3.537 ug/L

RT: 2.47 min Scan# 491

Delta R.T. 0.00 min

Lab File: VV007018.D

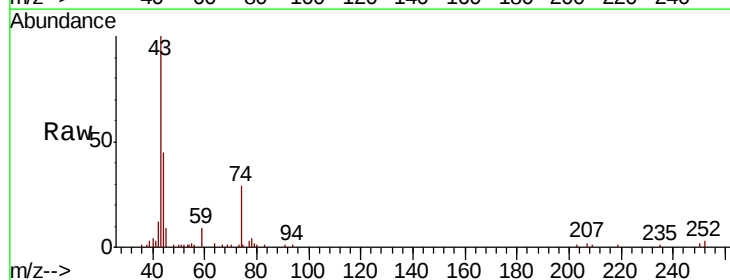
Acq: 15 Aug 2018 18:18

Tgt Ion: 43 Resp: 20187

Ion Ratio Lower Upper

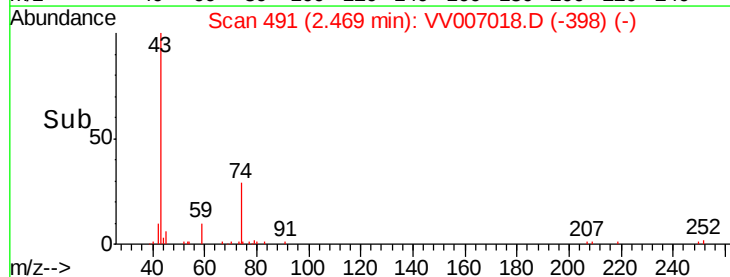
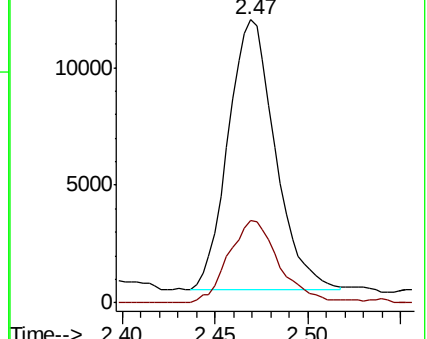
43 100

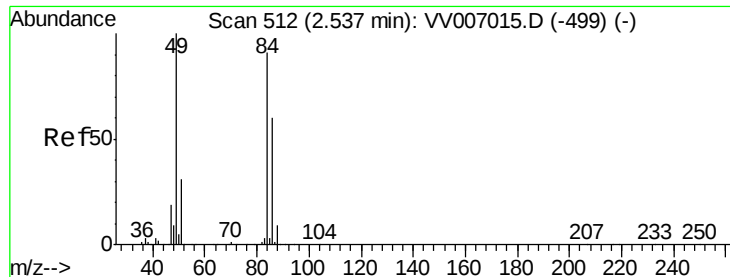
74 32.9 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007018.D (-481) (-)

Ion 74.05 (73.75 to 74.75): VV007018.D (-481) (-)

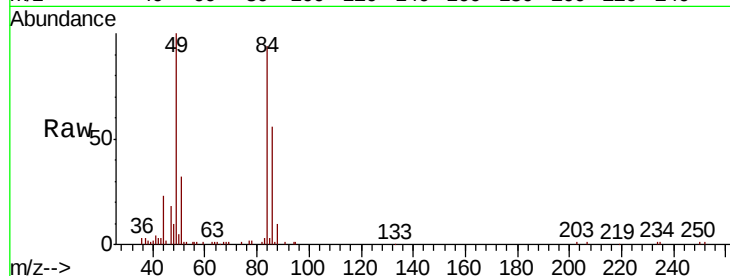




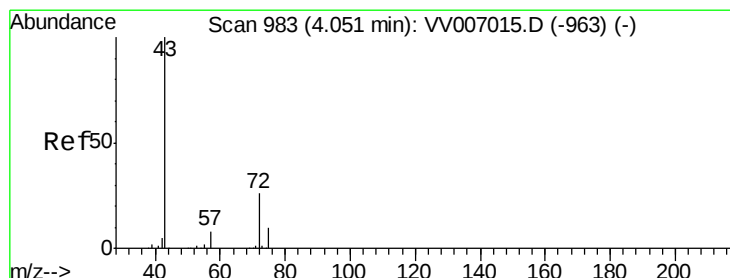
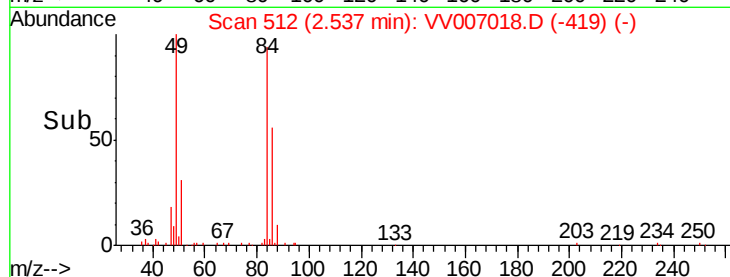
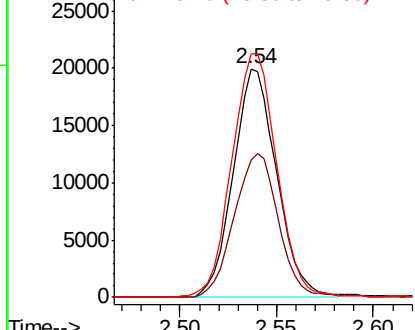
#16
Methylene chloride
Concen: 1.692 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV007018.D
Acq: 15 Aug 2018 18:18

Instrument :
MSVOA_V
ClientSampled :
C0304

Tgt Ion: 84 Resp: 31088
Ion Ratio Lower Upper
84 100
86 59.9 45.7 84.9
49 106.5 78.8 146.4

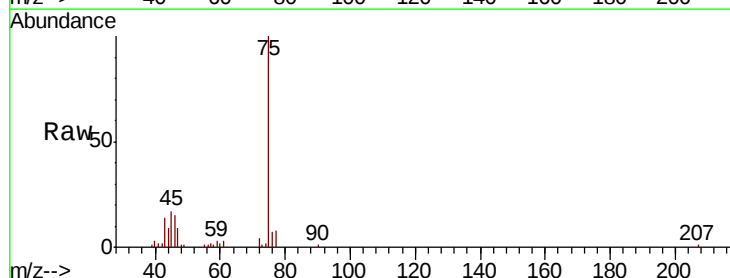


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

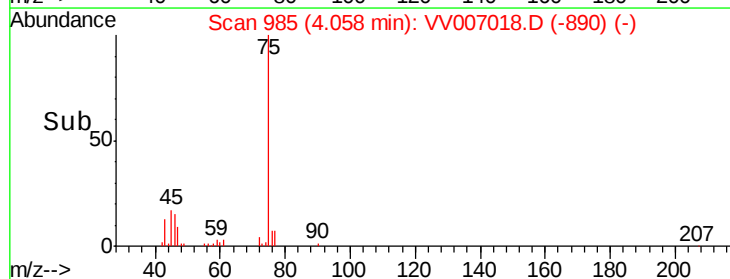
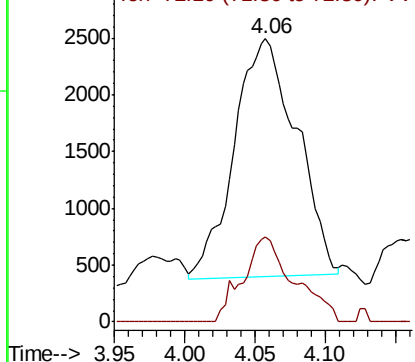


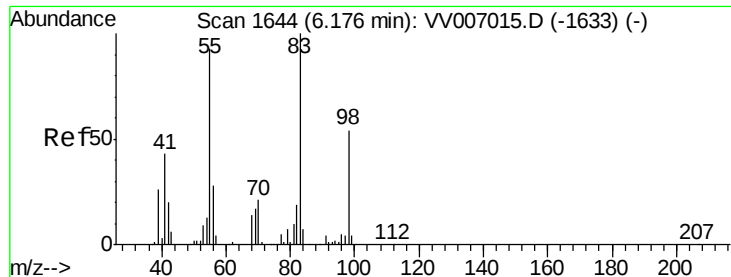
#21
2-Butanone
Concen: 1.467 ug/L
RT: 4.06 min Scan# 985
Delta R.T. 0.01 min
Lab File: VV007018.D
Acq: 15 Aug 2018 18:18

Tgt Ion: 43 Resp: 6460
Ion Ratio Lower Upper
43 100
72 29.4 12.4 37.2



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

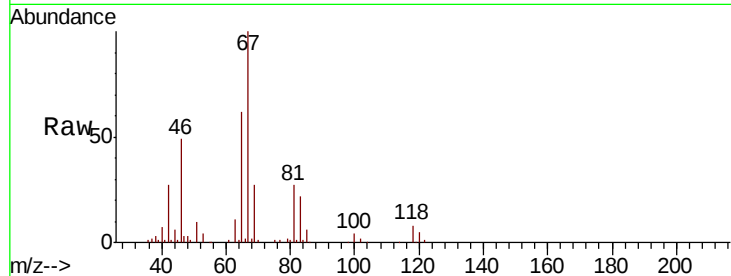




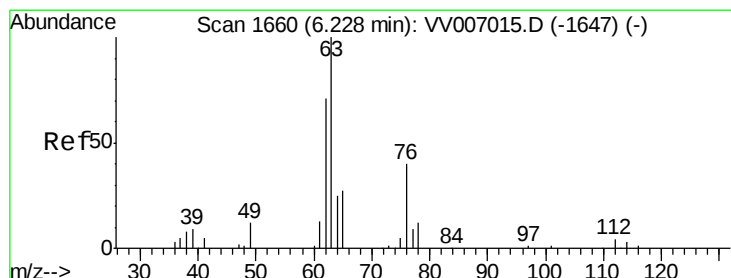
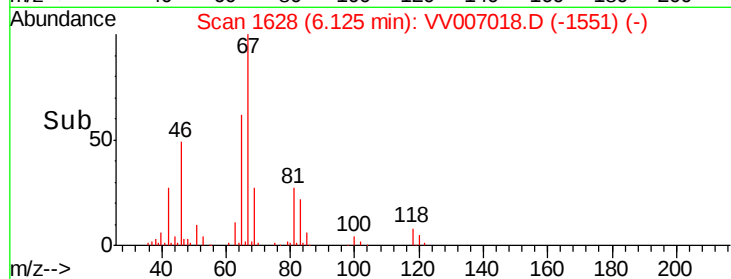
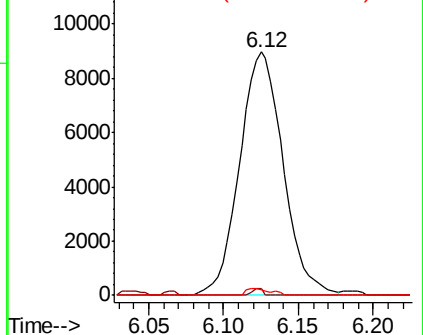
#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007018.D
Acq: 15 Aug 2018 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0304

Tgt Ion: 83 Resp: 18125
Ion Ratio Lower Upper
83 100
55 0.6 68.1 102.1#
98 1.5 37.9 56.9#

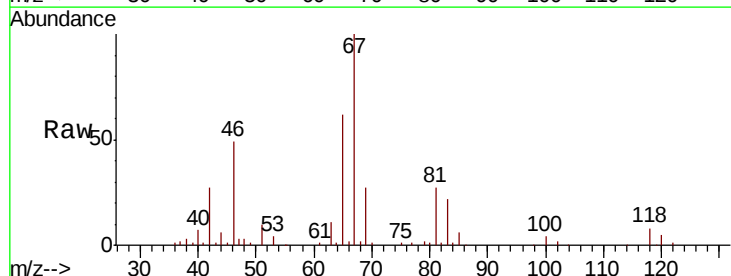


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

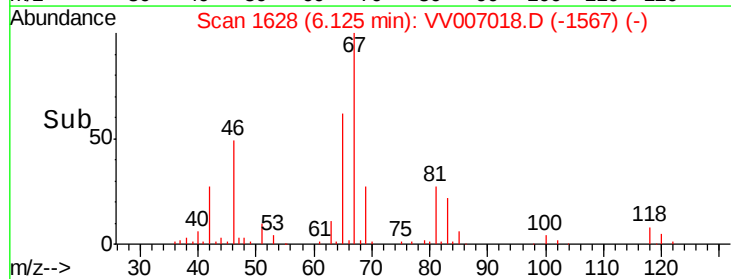
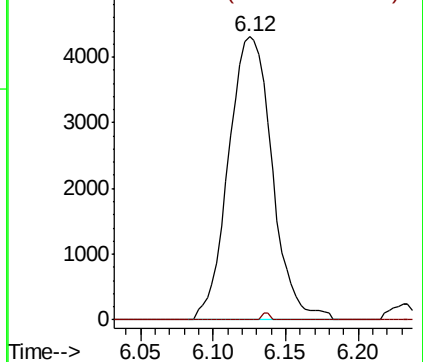


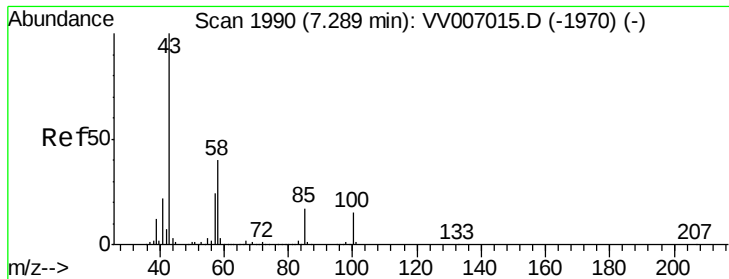
#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007018.D
Acq: 15 Aug 2018 18:18

Tgt Ion: 63 Resp: 9016
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#



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

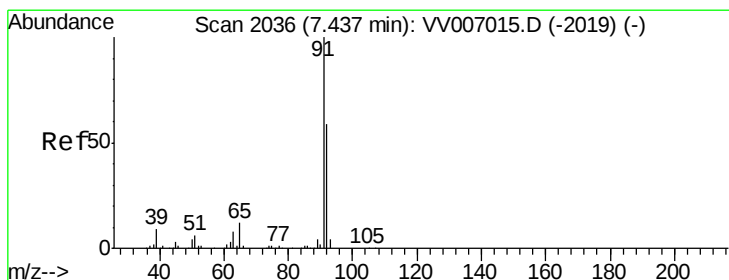
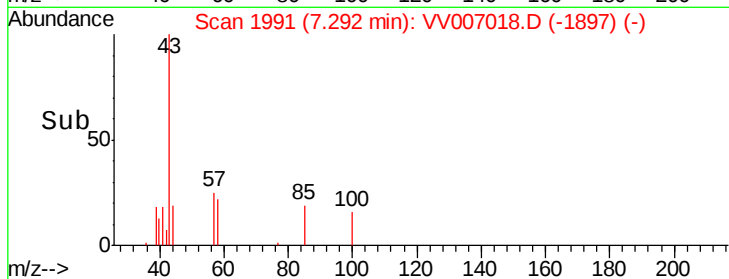
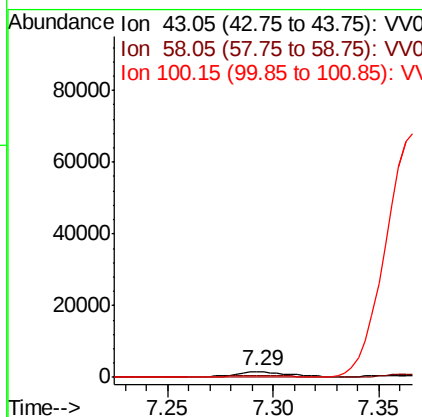
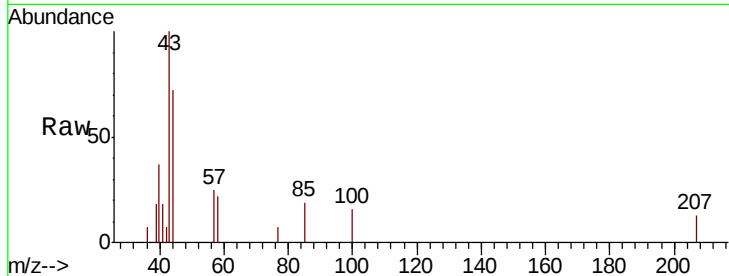




#40
 4-Methyl-2-pentanone
 Concen: 0.295 ug/L
 RT: 7.29 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: VV007018.D
 Acq: 15 Aug 2018 18:18

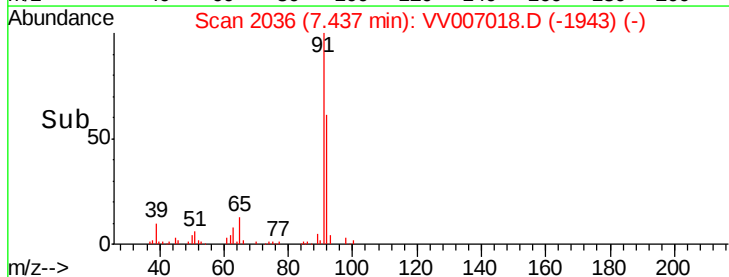
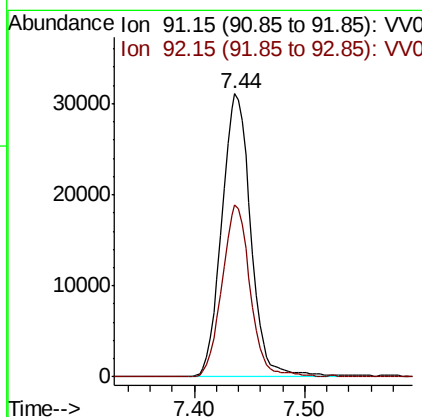
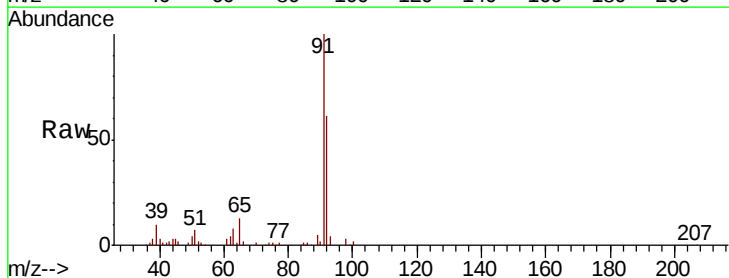
Instrument :
 MSVOA_V
 ClientSampleId :
 C0304

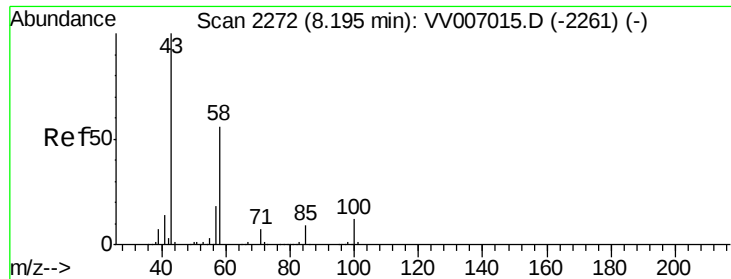
Tgt Ion: 43 Resp: 3061
 Ion Ratio Lower Upper
 43 100
 58 30.2 30.7 46.1#
 100 0.0 11.2 16.8#



#42
 Toluene
 Concen: 0.841 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007018.D
 Acq: 15 Aug 2018 18:18

Tgt Ion: 91 Resp: 56680
 Ion Ratio Lower Upper
 91 100
 92 60.8 40.2 74.6

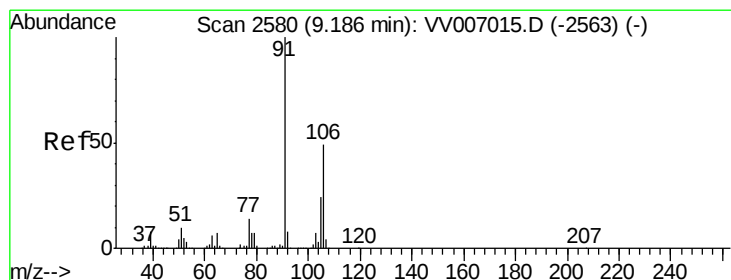
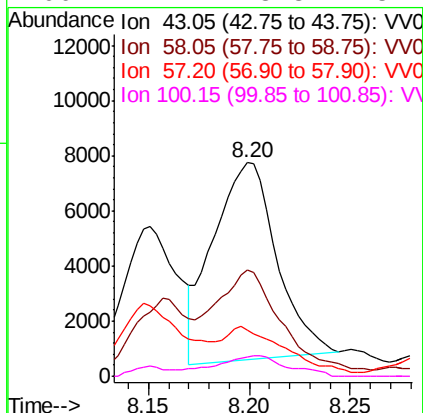
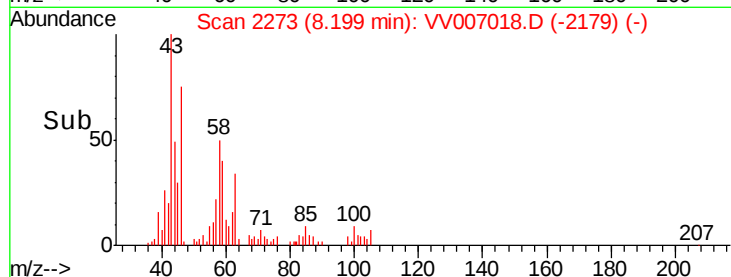
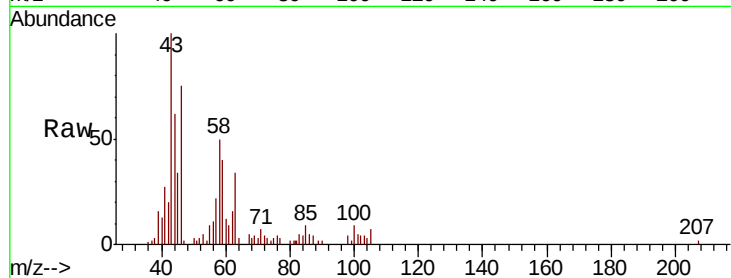




#48
2-Hexanone
Concen: 2.154 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007018.D
Acq: 15 Aug 2018 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0304

Tgt Ion: 43 Resp: 15751
Ion Ratio Lower Upper
43 100
58 53.0 44.2 66.2
57 25.0 14.8 22.2#
100 11.7 8.8 13.2



#53
m,p-xylene
Concen: 0.355 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. 0.00 min
Lab File: VV007018.D
Acq: 15 Aug 2018 18:18

Tgt Ion: 106 Resp: 8918
Ion Ratio Lower Upper
106 100
91 194.3 141.6 263.0

