

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007069.D
 Acq On : 20 Aug 2018 13:29
 Operator : SY/MD
 Sample : J4515-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0328

Quant Time: Aug 21 04:06:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251255	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79777	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	74954	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.13	63	114294	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.97	46	222397	47.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	4.41	84	177700	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.09	65	90496	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	343178	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	116157	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	253164	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.67	79	24320	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.15	63	86557	28.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81751	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	91334	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

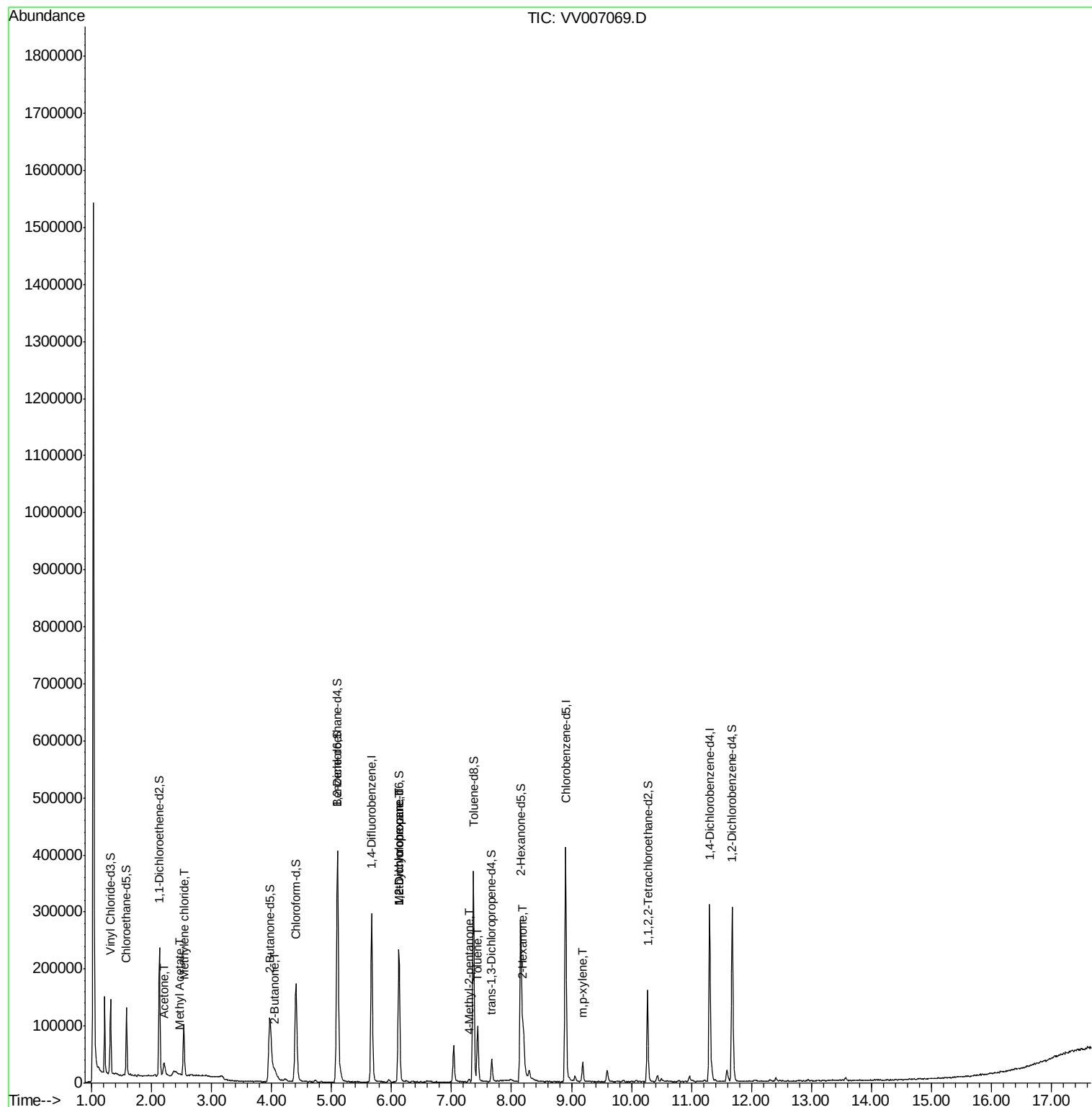
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	35109	14.619	ug/L	96
15) Methyl Acetate	2.47	43	3603	0.533	ug/L #	60
16) Methylene chloride	2.54	84	38996	1.793	ug/L	97
21) 2-Butanone	4.05	43	6731	1.291	ug/L	76
35) Methylcyclohexane	6.12	83	26541	0.819	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11794	0.512	ug/L #	87
40) 4-Methyl-2-pentanone	7.30	43	3365	0.270	ug/L #	83
42) Toluene	7.44	91	69617	0.861	ug/L	100
48) 2-Hexanone	8.20	43	43776	4.988	ug/L	92
53) m,p-xylene	9.19	106	10444	0.347	ug/L	97

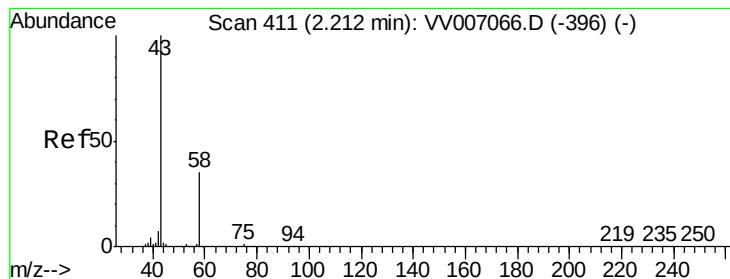
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.619 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007069.D

Acq: 20 Aug 2018 13:29

Instrument :

MSVOA_V

ClientSampleId :

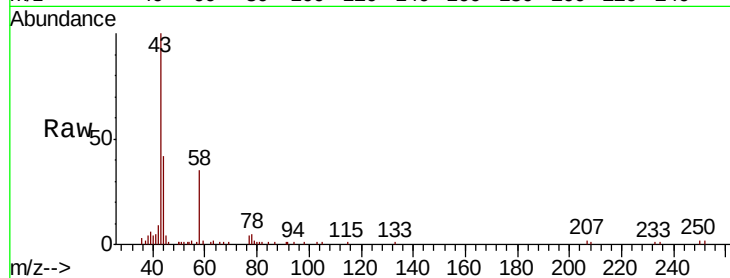
C0328

Tot Ion: 43 Resp: 35109

Ion Ratio Lower Upper

43 100

58 33.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007066.D (-396) (-)

2.21

15000

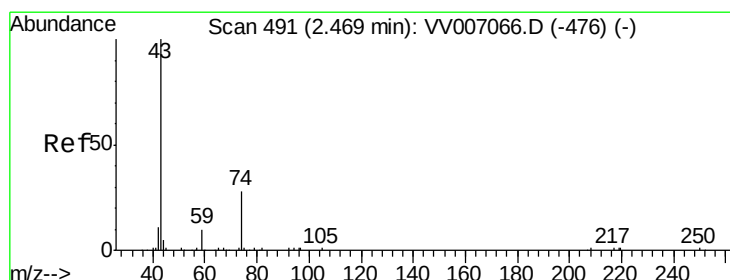
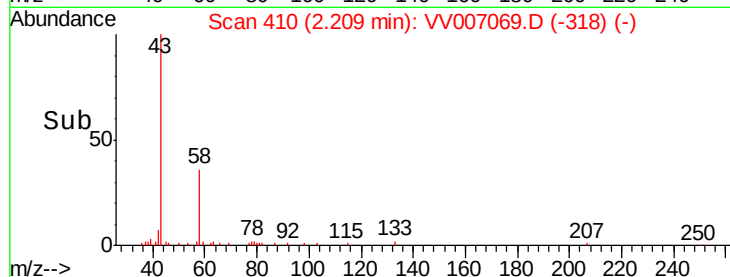
10000

5000

0

2.10 2.20 2.30

Time-->



#15

Methyl Acetate

Concen: 0.533 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.00 min

Lab File: VV007069.D

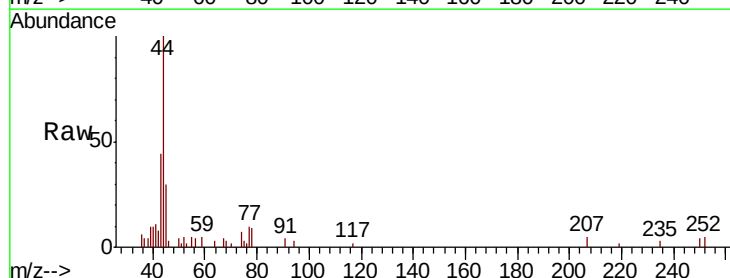
Acq: 20 Aug 2018 13:29

Tgt Ion: 43 Resp: 3603

Ion Ratio Lower Upper

43 100

74 8.8 24.6 37.0#



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-476) (-)

Ion 74.05 (73.75 to 74.75): VV007066.D (-476) (-)

2.47

2500

2000

1500

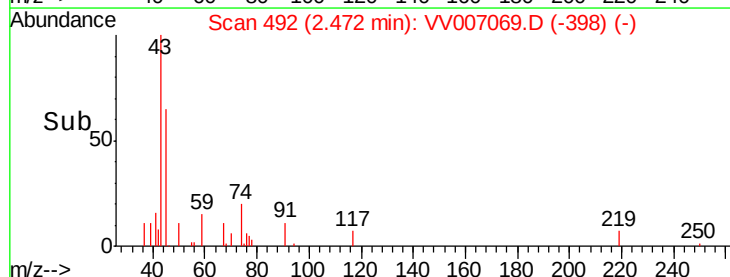
1000

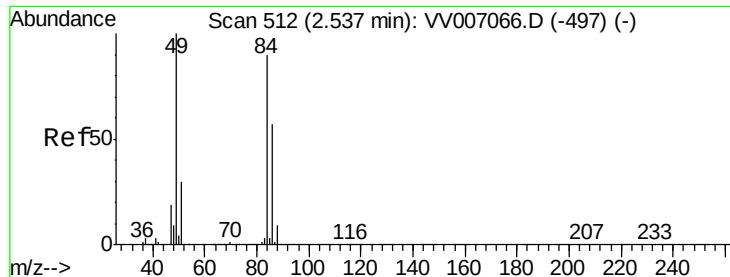
500

0

2.40 2.45 2.50

Time-->

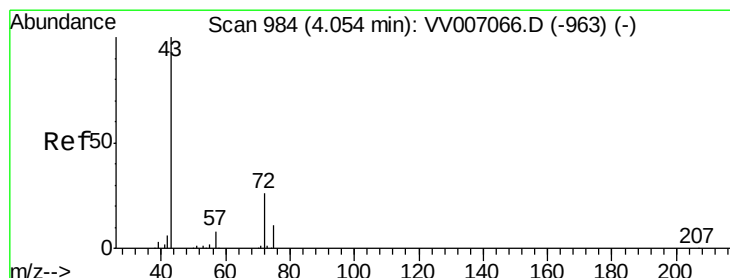
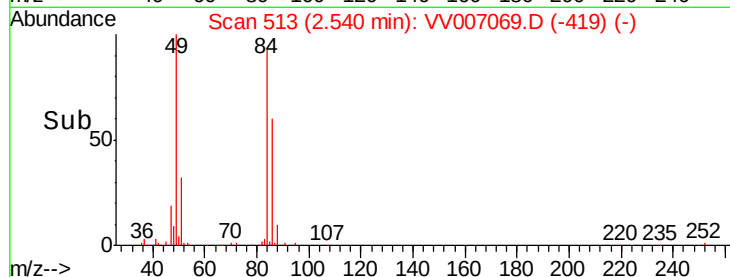
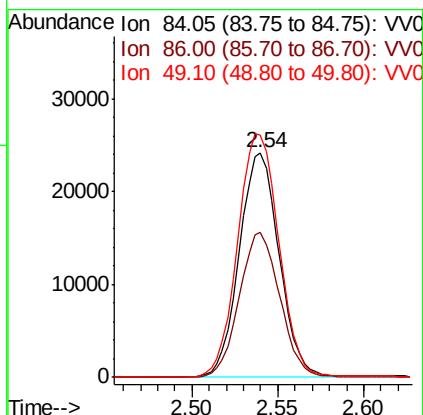
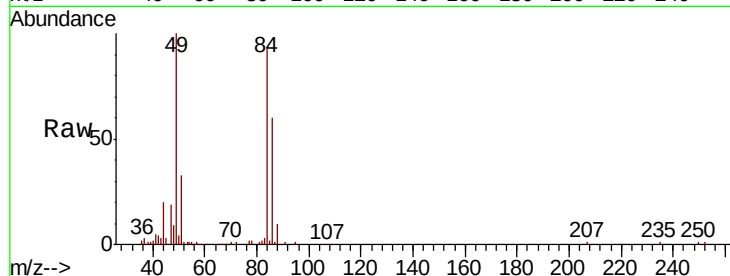




#16
Methylene chloride
Concen: 1.793 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

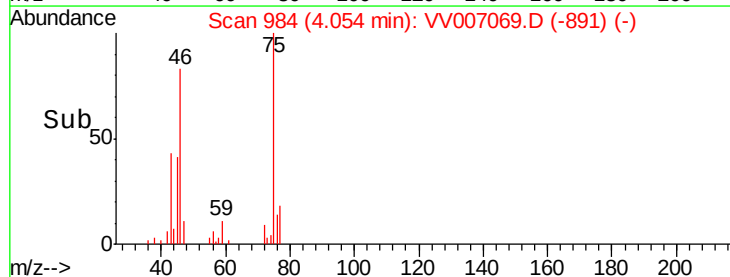
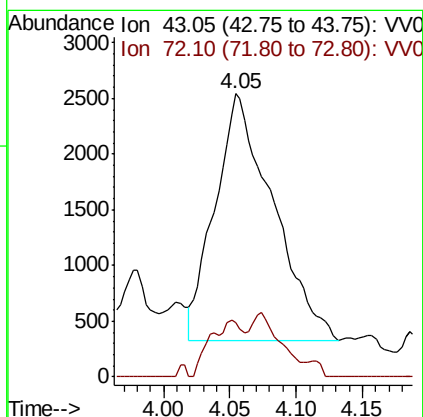
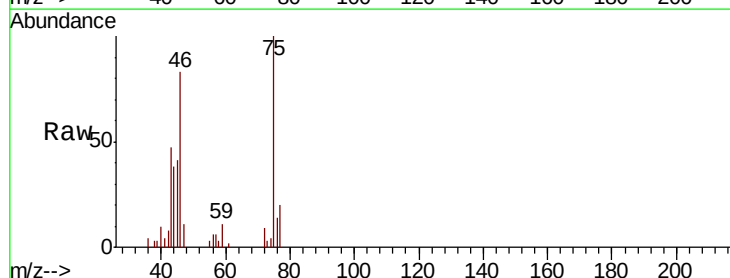
Instrument :
MSVOA_V
ClientSampleId :
C0328

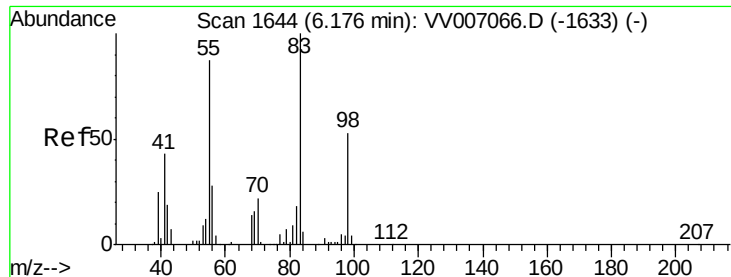
Tot Ion: 84 Resp: 38996
Ion Ratio Lower Upper
84 100
86 64.4 45.7 84.9
49 107.7 78.8 146.4



#21
2-Butanone
Concen: 1.291 ug/L
RT: 4.05 min Scan# 984
Delta R.T. 0.00 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

Tgt Ion: 43 Resp: 6731
Ion Ratio Lower Upper
43 100
72 12.9 12.4 37.2

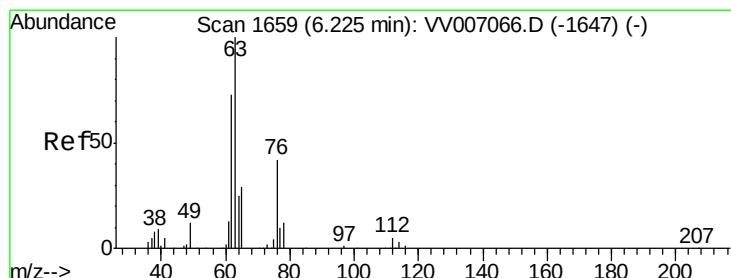
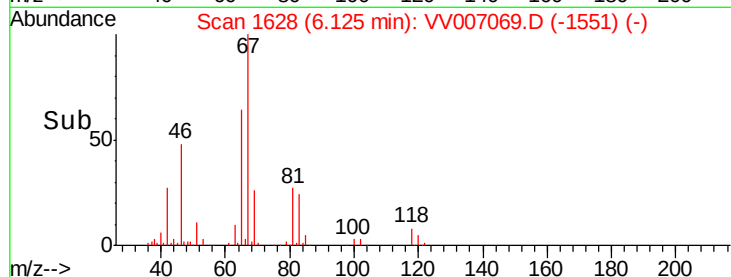
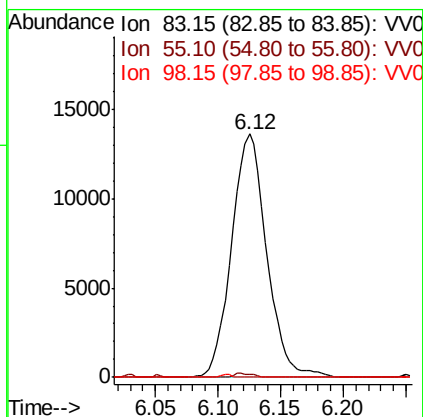
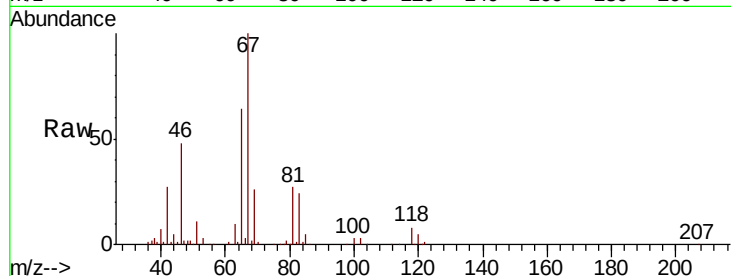




#35
Methylvlcyclohexane
Concen: 0.819 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

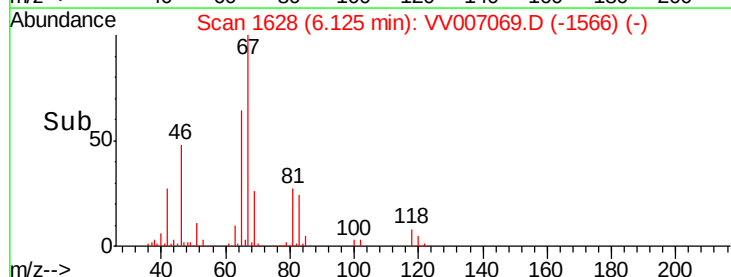
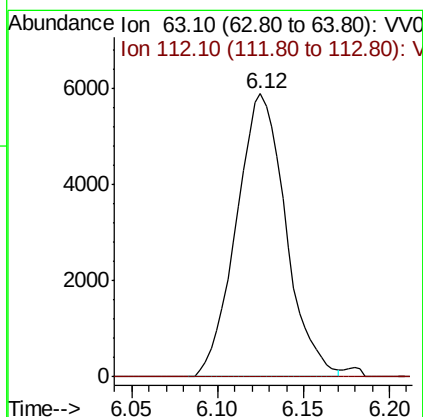
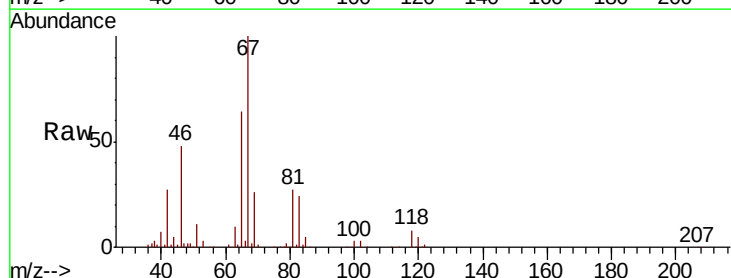
Instrument :
MSVOA_V
ClientSampled :
C0328

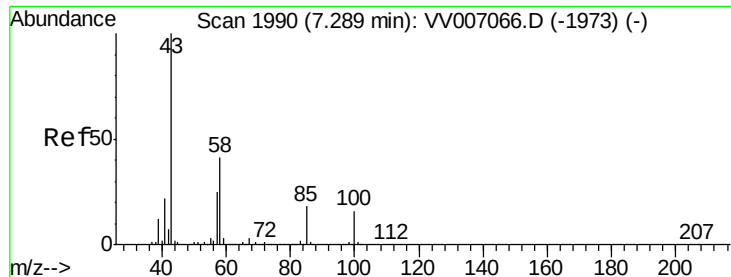
Tot Ion: 83 Resp: 26541
Ion Ratio Lower Upper
83 100
55 0.9 68.1 102.1#
98 0.3 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

Tgt Ion: 63 Resp: 11794
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

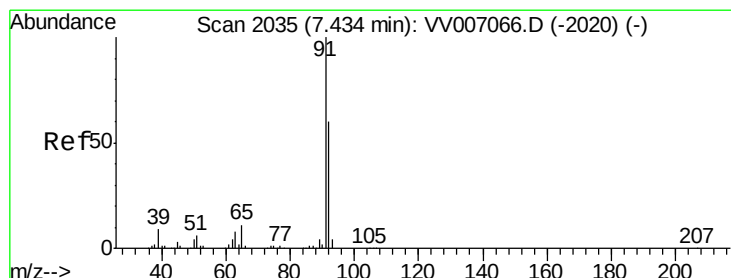
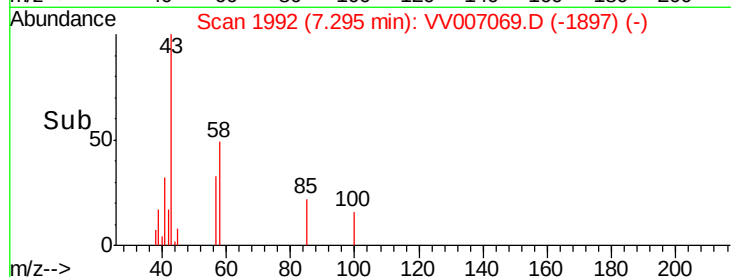
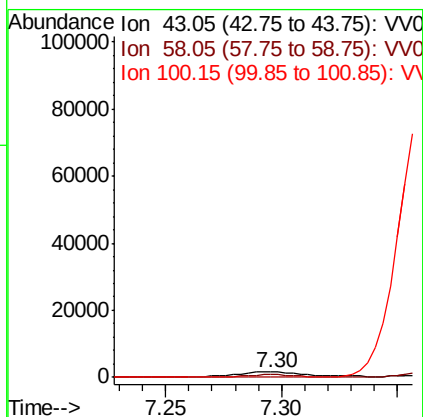
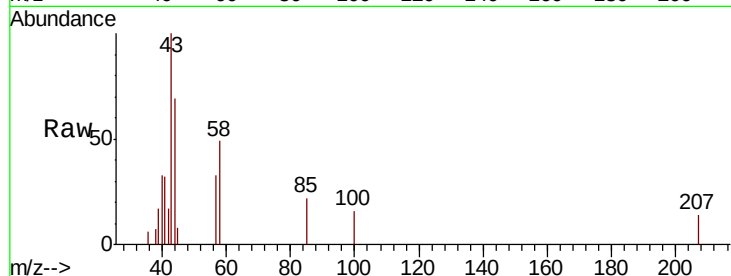




#40
4-Methyl-2-pentanone
Concen: 0.270 ug/L
RT: 7.30 min Scan# 1992
Delta R.T. 0.01 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

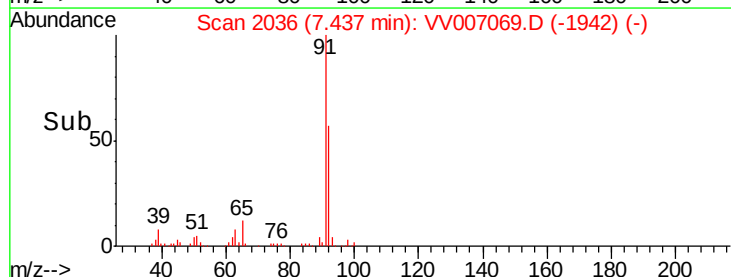
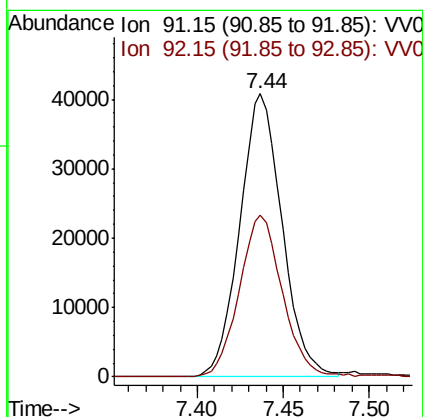
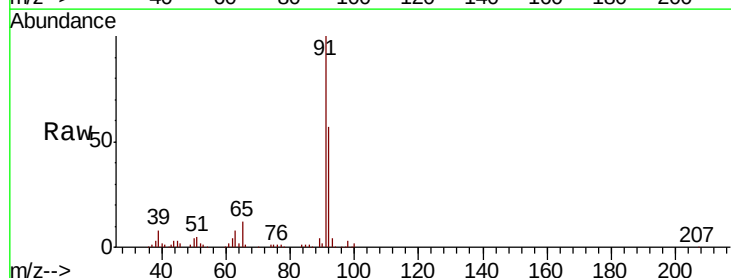
Instrument :
MSVOA_V
ClientSampleId :
C0328

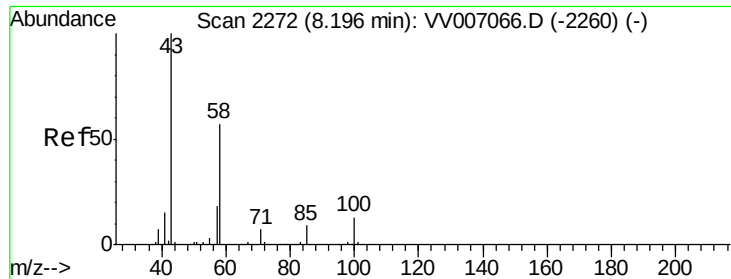
Tot Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
58 44.9 30.7 46.1
100 0.0 11.2 16.8#



#42
Toluene
Concen: 0.861 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

Tgt Ion: 91 Resp: 69617
Ion Ratio Lower Upper
91 100
92 57.1 40.2 74.6

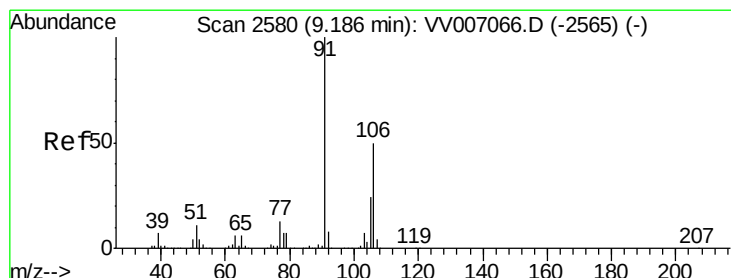
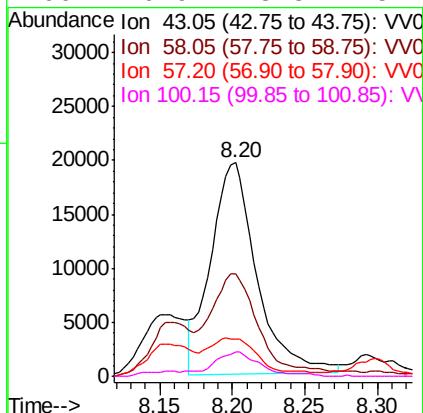
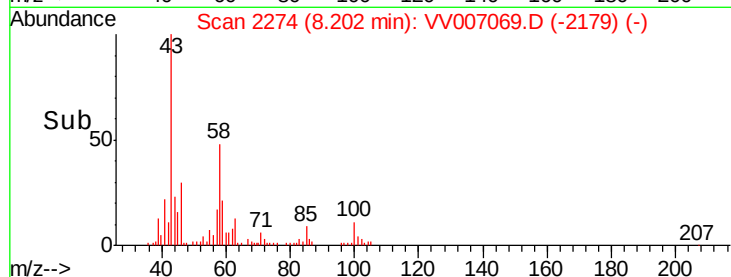
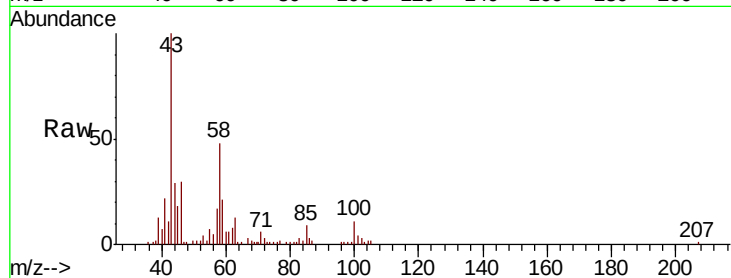




#48
2-Hexanone
Concen: 4.988 ug/L
RT: 8.20 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

Instrument :
MSVOA_V
ClientSampleId :
C0328

Tot Ion: 43 Resp: 43776
Ion Ratio Lower Upper
43 100
58 47.1 44.2 66.2
57 16.2 14.8 22.2
100 10.9 8.8 13.2



#53
m,p-xylene
Concen: 0.347 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. 0.00 min
Lab File: VV007069.D
Acq: 20 Aug 2018 13:29

Tgt Ion: 106 Resp: 10444
Ion Ratio Lower Upper
106 100
91 197.6 141.6 263.0

