

Data File : VV011312.D
Acq On : 08 Jun 2019 03:55
Operator : SY/MD
Sample : K3228-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P14

Quant Time: Jun 08 05:32:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 05:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155755	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42332	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.55	69	38821	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.12	63	69900	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.94	46	146293	55.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.12%
24) Chloroform-d	4.40	84	90040	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	52731	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.09	84	178330	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.11	67	56741	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.36	98	154874	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.66	79	16806	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.13	63	115191	52.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42985	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	53744	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

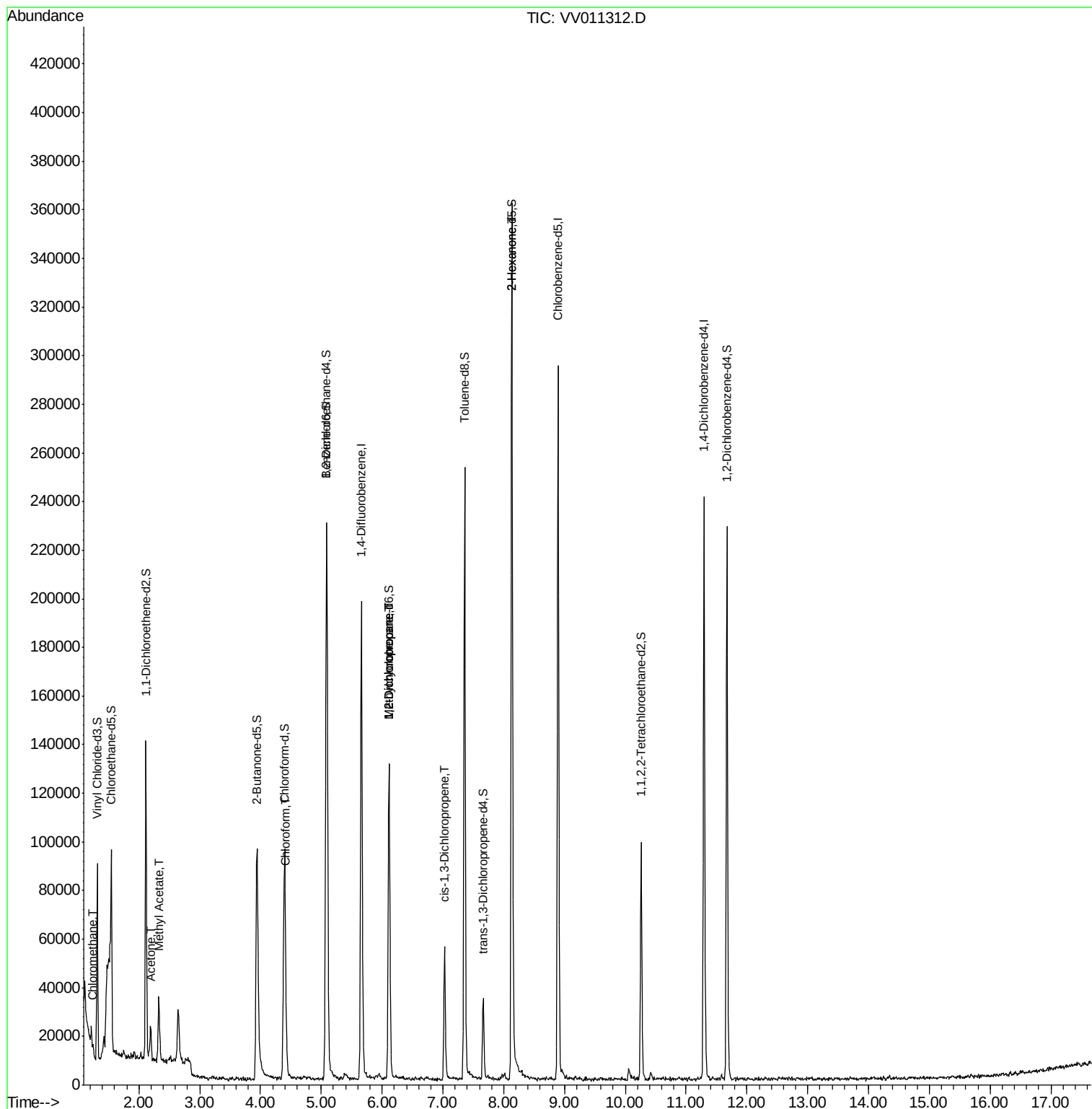
					Qvalue
3) Chloromethane	1.25	50	1639	0.110 ug/L	100
13) Acetone	2.19	43	6842	3.841 ug/L	92
15) Methyl Acetate	2.32	43	6963	1.472 ug/L #	56
25) Chloroform	4.42	83	5997	0.268 ug/L	99
35) Methylcyclohexane	6.12	83	13753	0.685 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7014	0.600 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1568	0.092 ug/L #	67
48) 2-Hexanone	8.13	43	16228	3.125 ug/L #	71

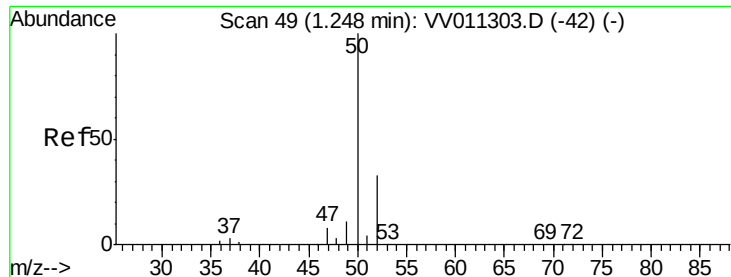
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

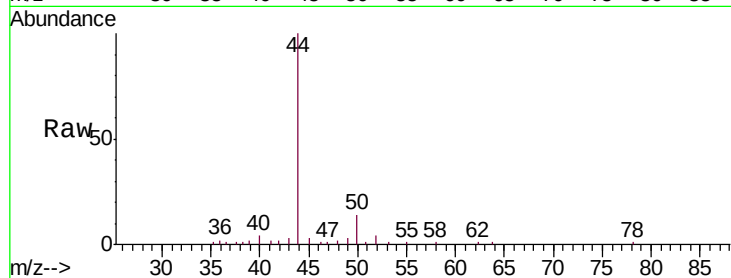
F9P14

Tgt Ion: 50 Resp: 1639

Ion Ratio Lower Upper

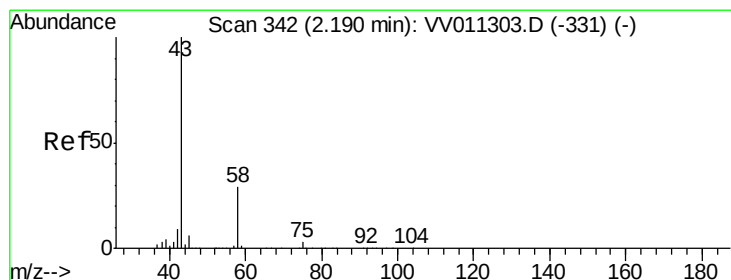
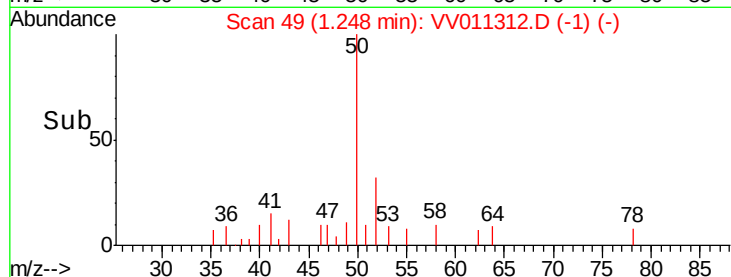
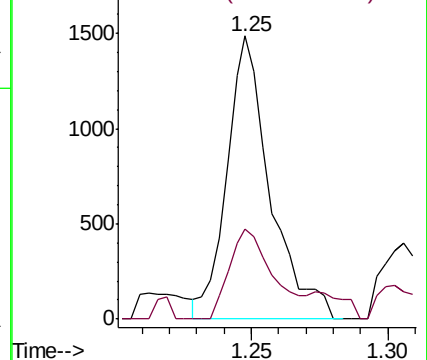
50 100

52 31.8 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 3.841 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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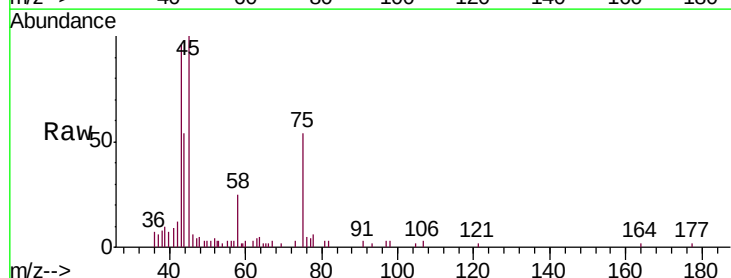
Acq: 08 Jun 2019 03:55

Tgt Ion: 43 Resp: 6842

Ion Ratio Lower Upper

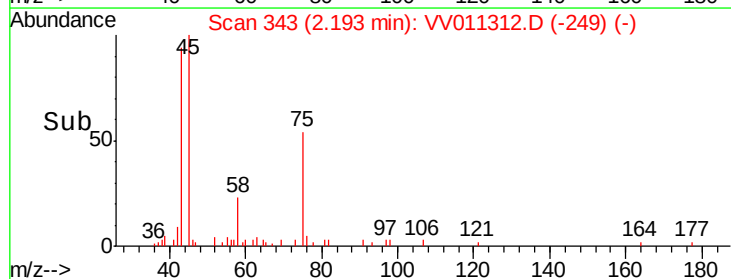
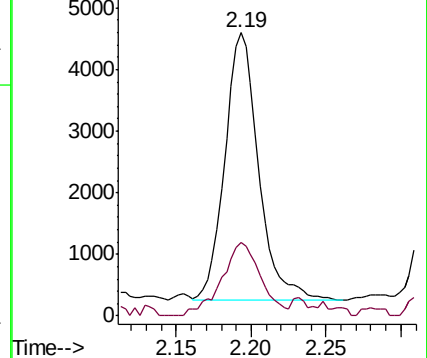
43 100

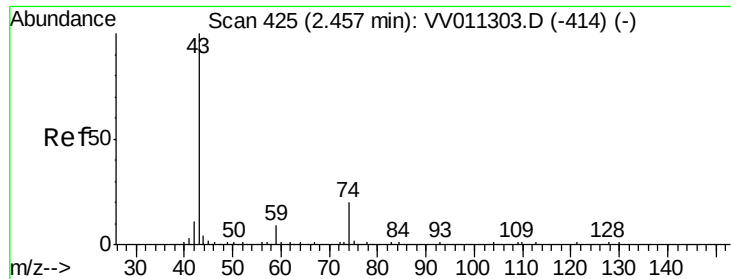
58 31.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

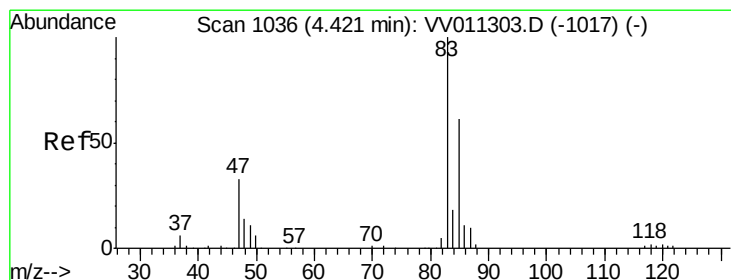
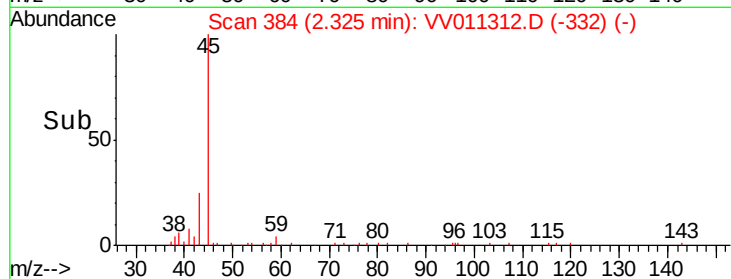
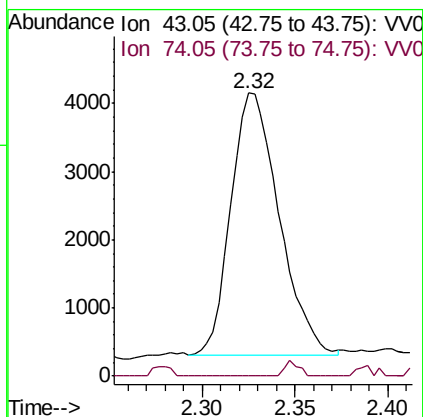
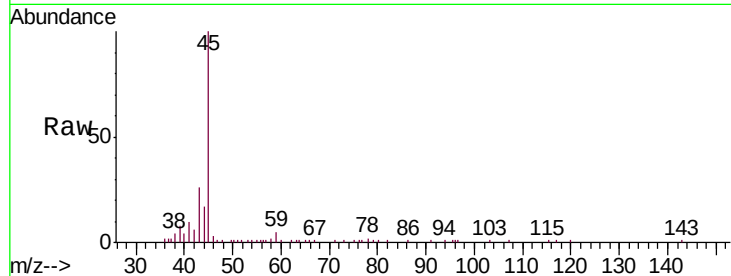




#15
Methyl Acetate
Concen: 1.472 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.13 min
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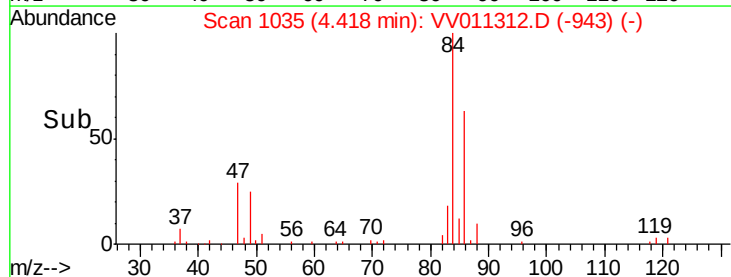
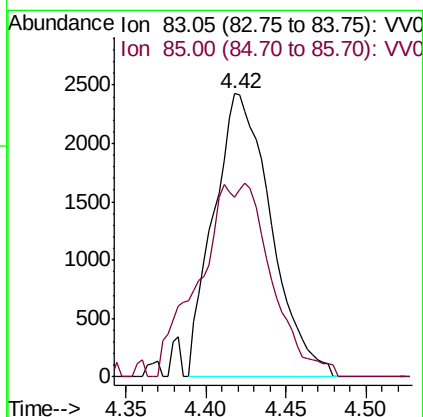
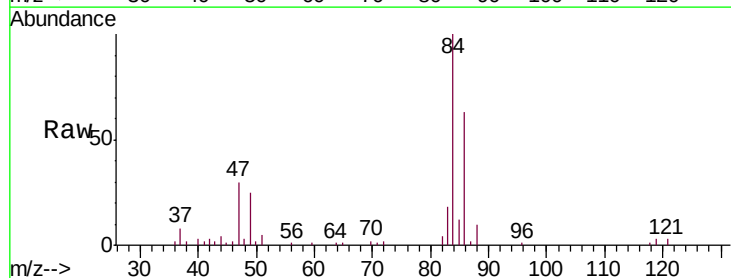
Instrument :
MSVOA_V
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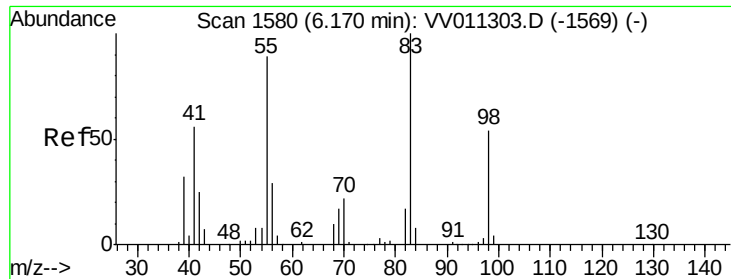
Tgt Ion: 43 Resp: 6963
Ion Ratio Lower Upper
43 100
74 1.7 18.5 27.7#



#25
Chloroform
Concen: 0.268 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011312.D
Acq: 08 Jun 2019 03:55

Tgt Ion: 83 Resp: 5997
Ion Ratio Lower Upper
83 100
85 63.6 44.1 81.9

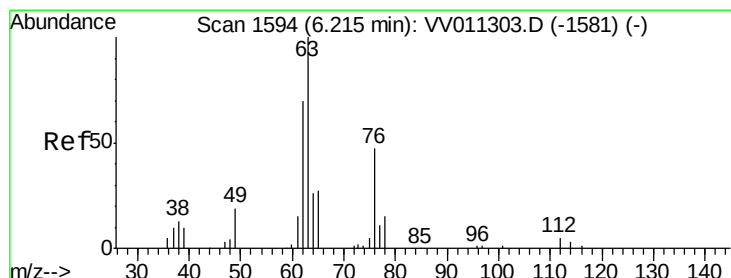
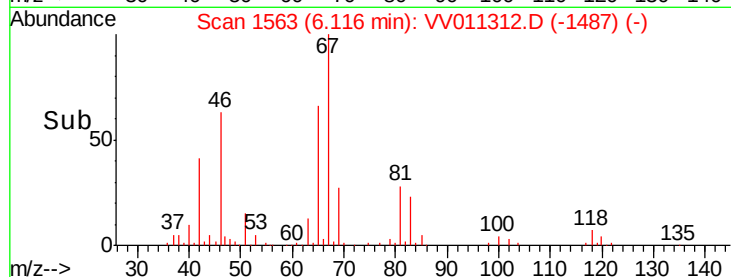
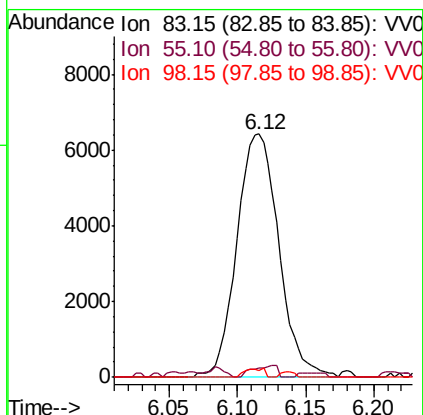
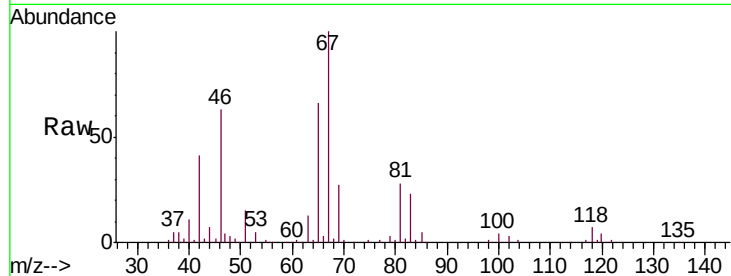




#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011312.D
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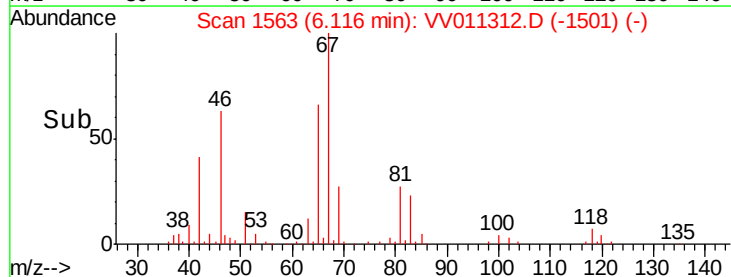
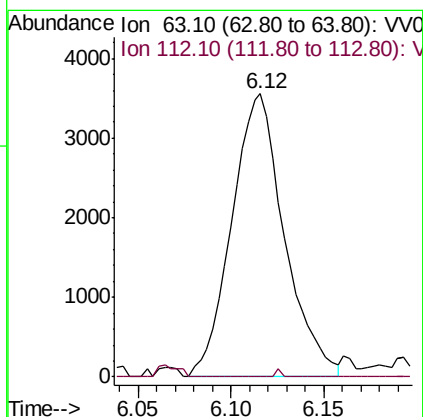
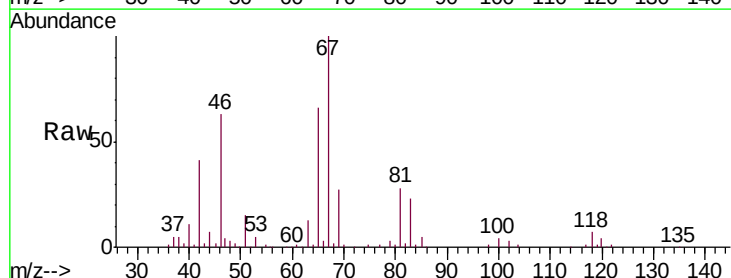
Instrument :
MSVOA_V
ClientSampleId :
F9P14

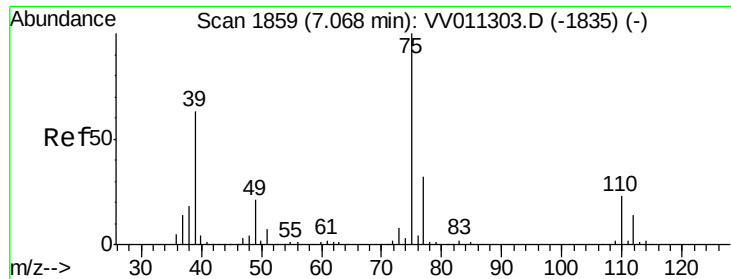
Tgt Ion: 83 Resp: 13753
Ion Ratio Lower Upper
83 100
55 2.8 67.0 100.6#
98 1.6 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011312.D
Acq: 08 Jun 2019 03:55

Tgt Ion: 63 Resp: 7014
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#

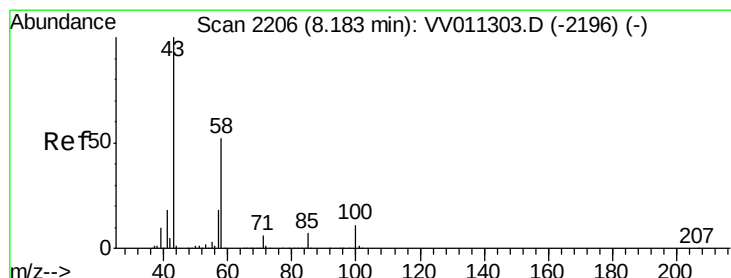
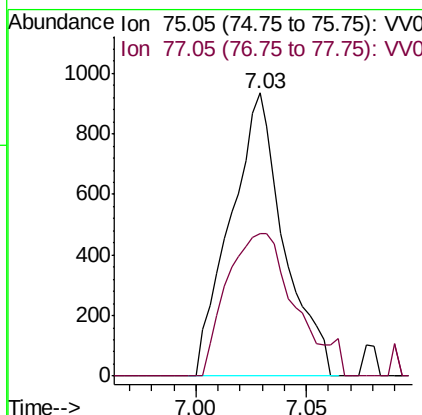
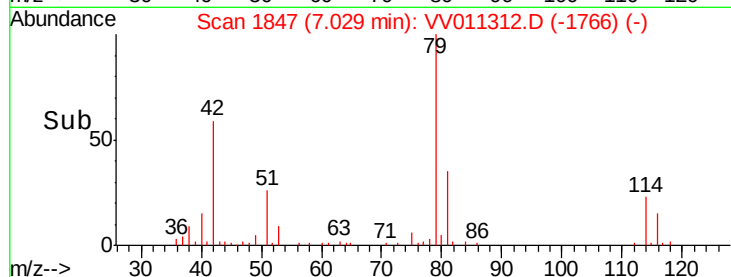
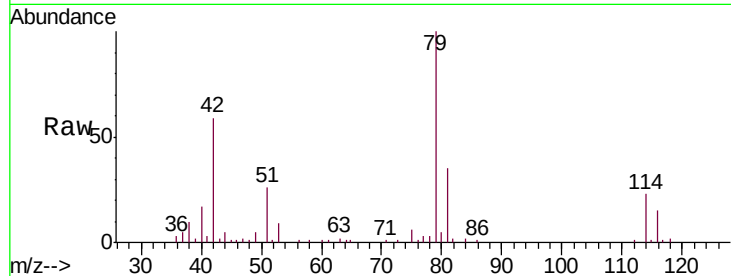




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011312.D
 Acq: 08 Jun 2019 03:55

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P14

Tgt Ion: 75 Resp: 1568
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.2 41.2#



#48
 2-Hexanone
 Concen: 3.125 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011312.D
 Acq: 08 Jun 2019 03:55

Tgt Ion: 43 Resp: 16228
 Ion Ratio Lower Upper
 43 100
 58 27.7 41.4 62.0#
 57 24.6 15.0 22.4#
 100 0.4 9.0 13.4#

