

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011334.D
 Acq On : 08 Jun 2019 22:38
 Operator : SY/MD
 Sample : K3276-12
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E8

Quant Time: Jun 09 00:14:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130975	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39620	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.55	69	33611	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.12	63	67175	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	107787	48.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.48%
24) Chloroform-d	4.40	84	80718	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	46141	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.09	84	163117	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	50467	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	144267	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	14095	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.13	63	84507	47.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33963	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	48111	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

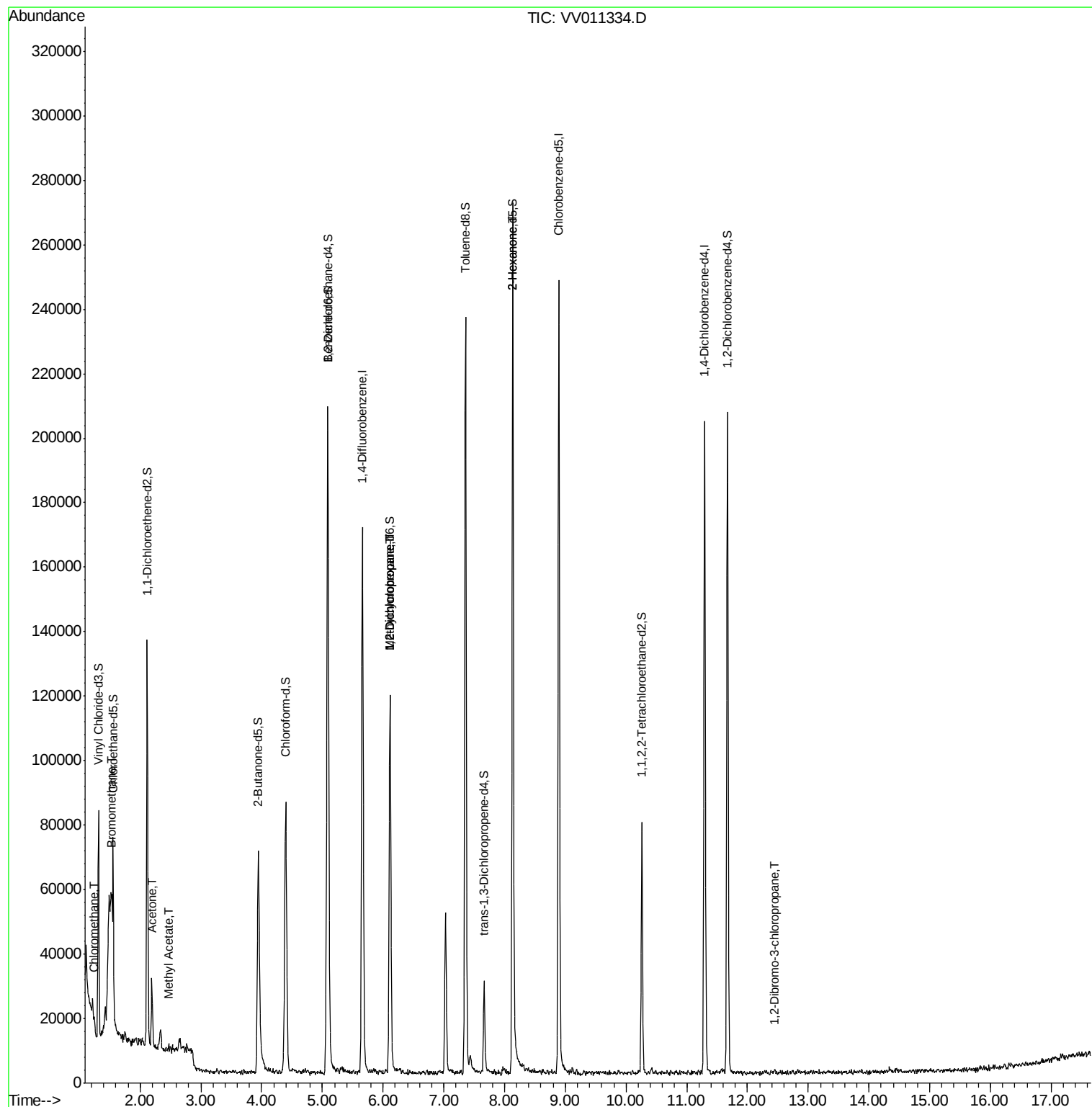
					Qvalue
3) Chloromethane	1.24	50	1442	0.115 ug/L #	80
6) Bromomethane	1.51	94	988	0.158 ug/L	98
13) Acetone	2.19	43	6769	4.518 ug/L	92
15) Methyl Acetate	2.46	43	561	0.141 ug/L	95
35) Methylcyclohexane	6.12	83	12521	0.764 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	6094	0.638 ug/L #	88
48) 2-Hexanone	8.14	43	11676	2.753 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	12.45	75	116	0.107 ug/L #	8

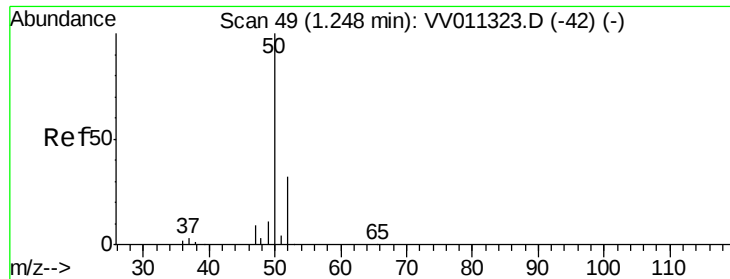
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011334.D

Acq: 08 Jun 2019 22:38

Instrument :

MSVOA_V

ClientSampled :

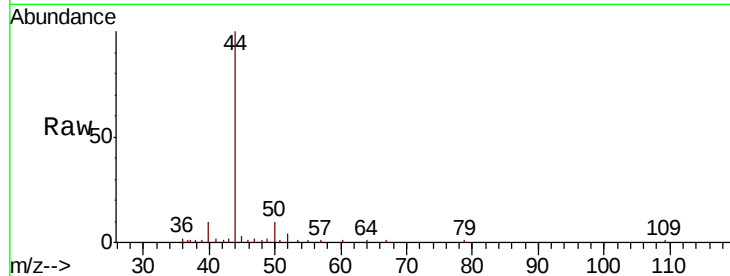
DB8E8

Tgt Ion: 50 Resp: 1442

Ion Ratio Lower Upper

50 100

52 43.2 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.24

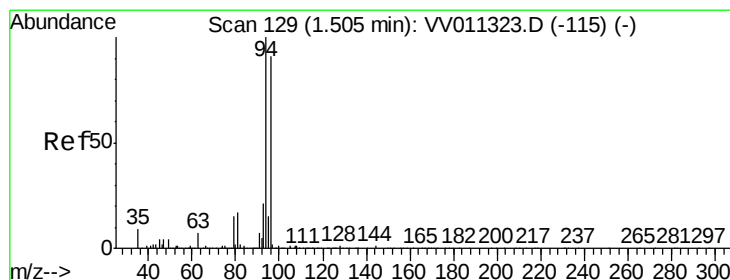
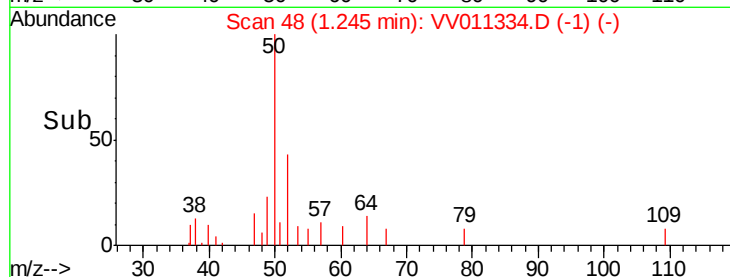
1500

1000

500

0

Time--> 1.20 1.22 1.24 1.26 1.28



#6

Bromomethane

Concen: 0.158 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.01 min

Lab File: VV011334.D

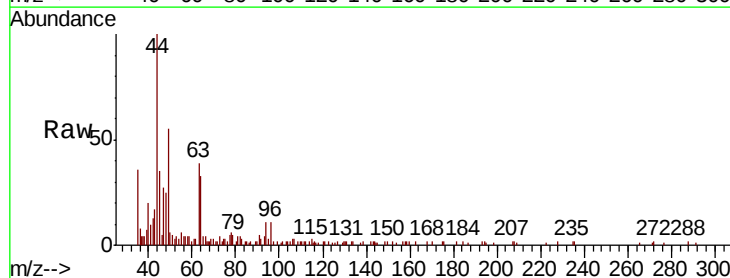
Acq: 08 Jun 2019 22:38

Tgt Ion: 94 Resp: 988

Ion Ratio Lower Upper

94 100

96 98.1 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.51

1000

800

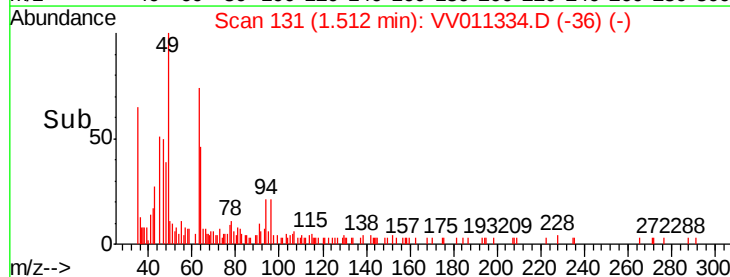
600

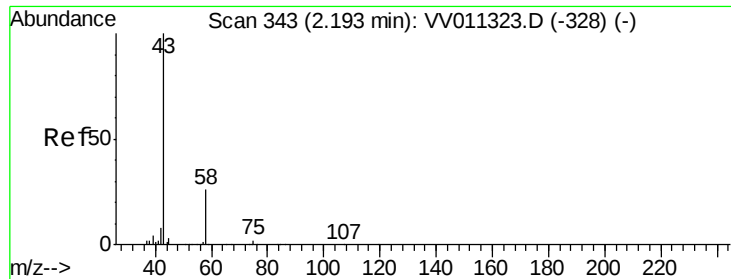
400

200

0

Time--> 1.48 1.50 1.52 1.54





#13

Acetone

Concen: 4.518 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011334.D

Acq: 08 Jun 2019 22:38

Instrument :

MSVOA_V

ClientSampled :

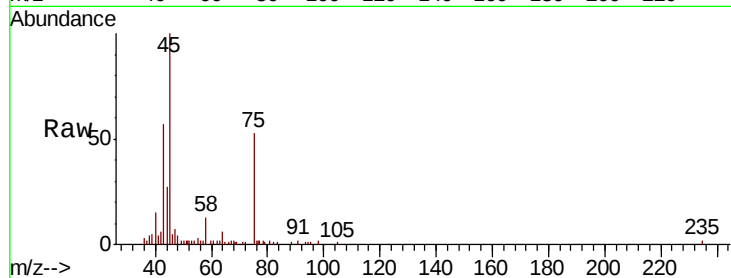
DB8E8

Tgt Ion: 43 Resp: 6769

Ion Ratio Lower Upper

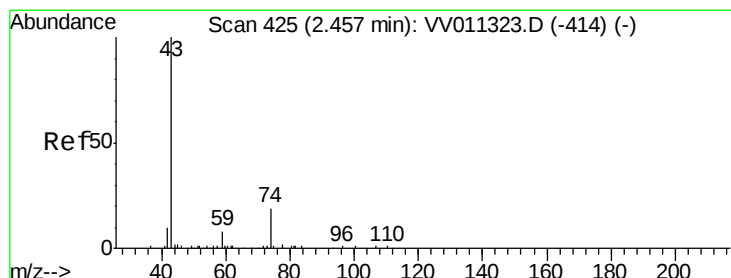
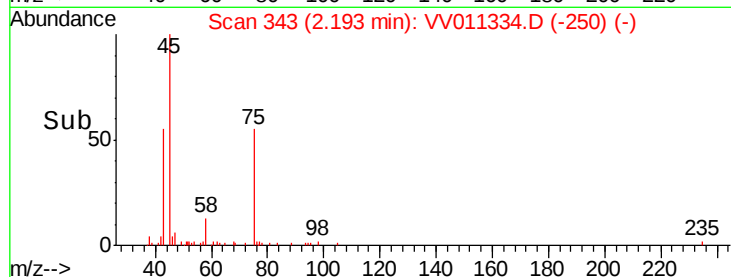
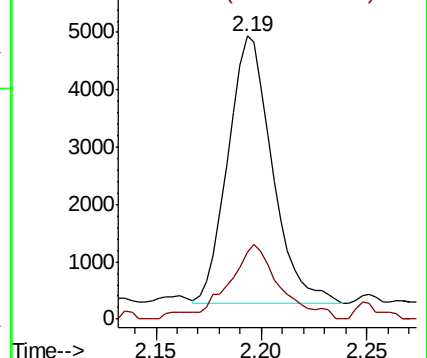
43 100

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: 0.141 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

Lab File: VV011334.D

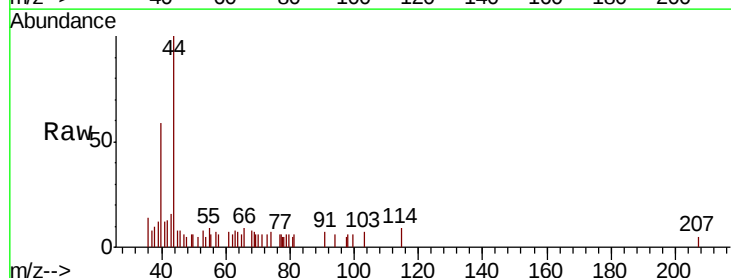
Acq: 08 Jun 2019 22:38

Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

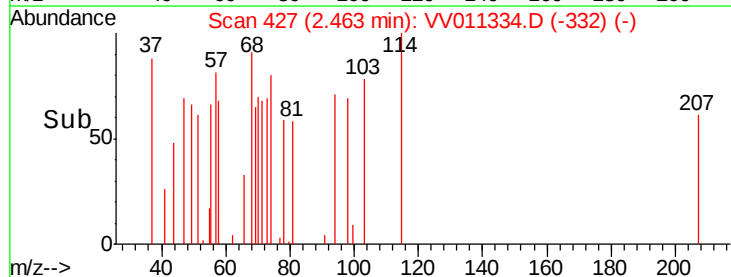
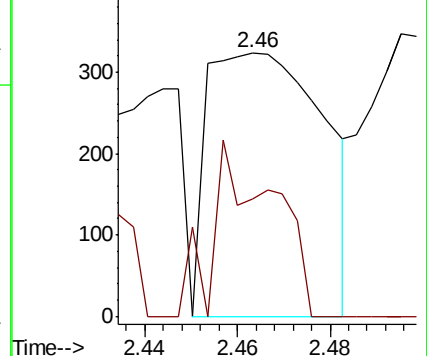
43 100

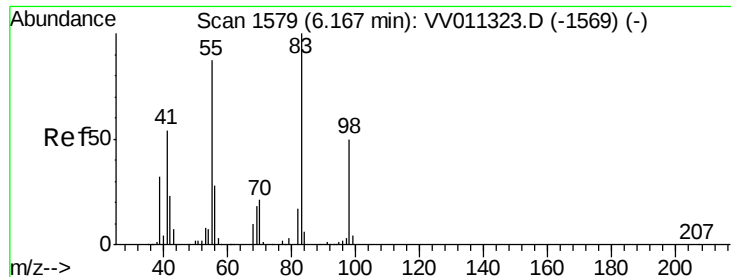
74 20.9 18.5 27.7



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

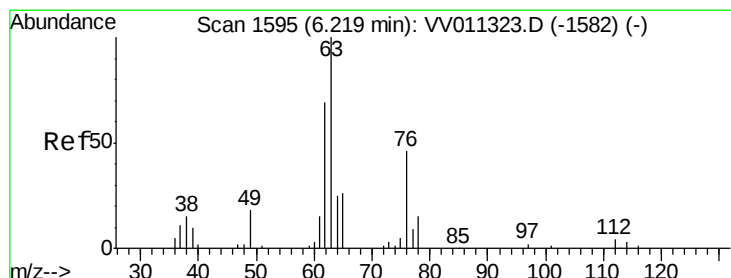
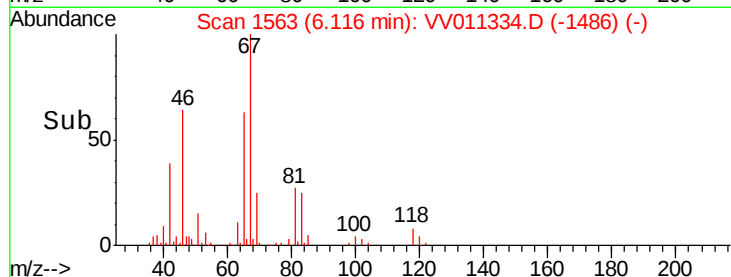
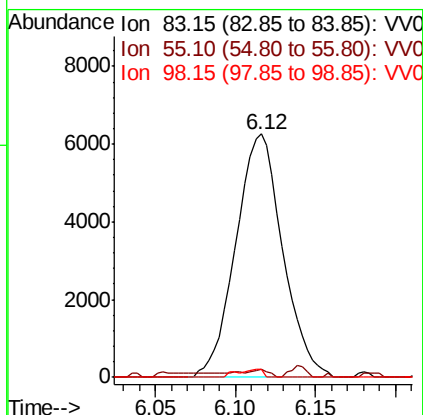
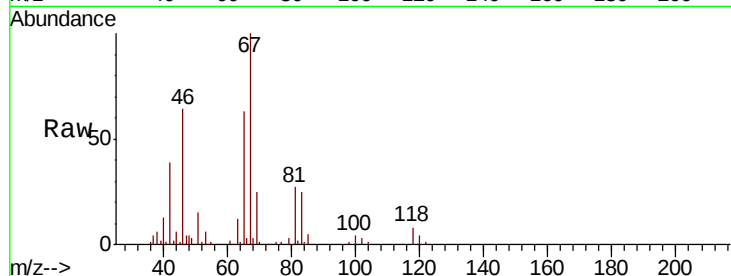




#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011334.D
Acq: 08 Jun 2019 22:38

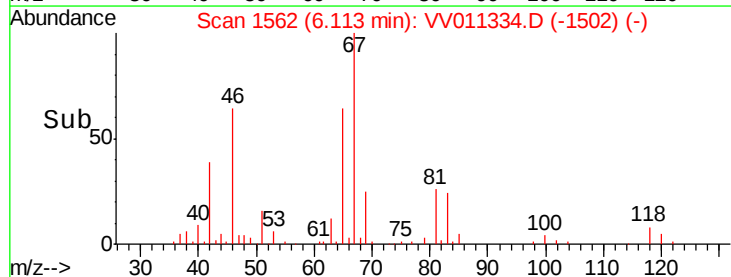
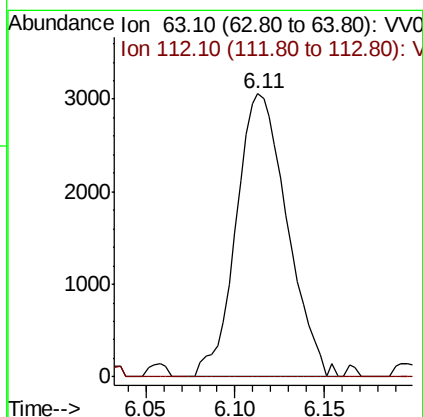
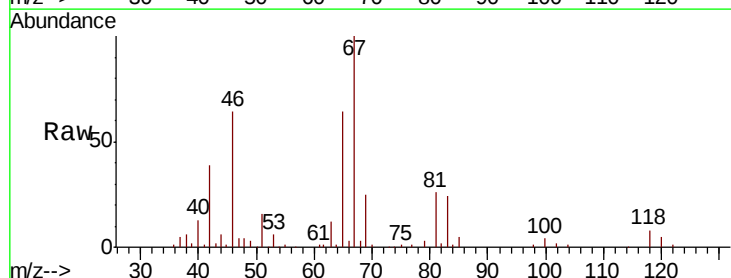
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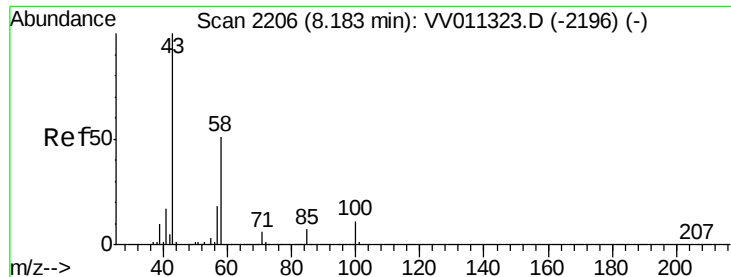
Tgt Ion: 83 Resp: 12521
Ion Ratio Lower Upper
83 100
55 1.2 67.0 100.6#
98 1.7 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011334.D
Acq: 08 Jun 2019 22:38

Tgt Ion: 63 Resp: 6094
Ion Ratio Lower Upper
63 100
112 0.7 3.6 5.4#

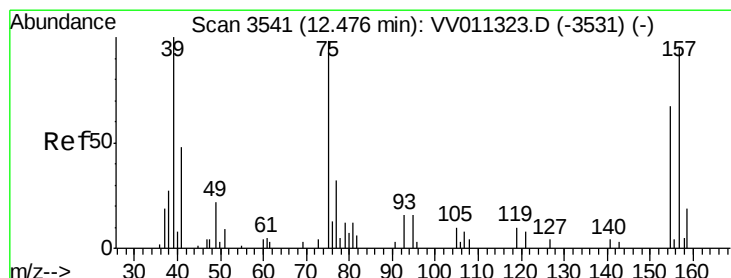
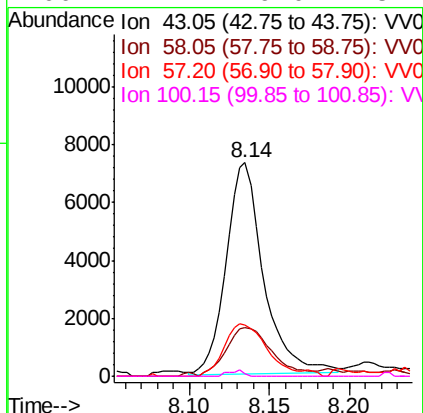
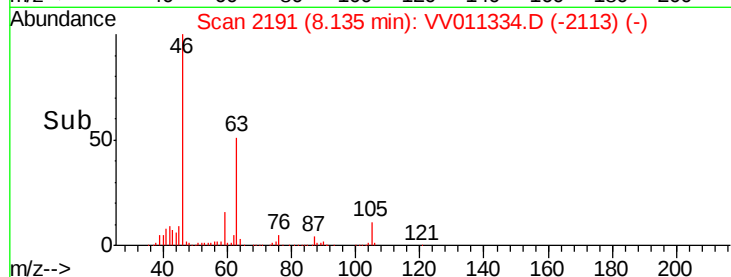
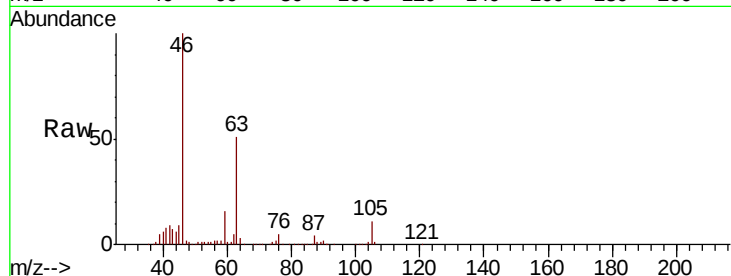




#48
2-Hexanone
Concen: 2.753 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011334.D
Acq: 08 Jun 2019 22:38

Instrument :
MSVOA_V
ClientSampled :
DB8E8

Tgt Ion: 43 Resp: 11676
Ion Ratio Lower Upper
43 100
58 28.1 41.4 62.0#
57 29.0 15.0 22.4#
100 1.2 9.0 13.4#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.107 ug/L
RT: 12.45 min Scan# 3532
Delta R.T. -0.03 min
Lab File: VV011334.D
Acq: 08 Jun 2019 22:38

Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
155 0.0 64.4 96.6#
157 0.0 66.7 100.1#

