

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011339.D
 Acq On : 09 Jun 2019 01:27
 Operator : SY/MD
 Sample : K3276-21
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8F7

Quant Time: Jun 09 04:15:05 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	134527	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.28	65	214	0.02	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.40%#
7) Chloroethane-d5	1.56	69	35726	4.22	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.12	63	1200	0.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1.20%#
20) 2-Butanone-d5	3.95	46	114315	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.40	84	86470	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	49153	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.09	84	166939	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	55276	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	506	0.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.20%#
43) trans-1,3-Dichloropropene-	7.66	79	354	0.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	1.60%#
46) 2-Hexanone-d5	8.14	63	84324	45.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35763	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	50268	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

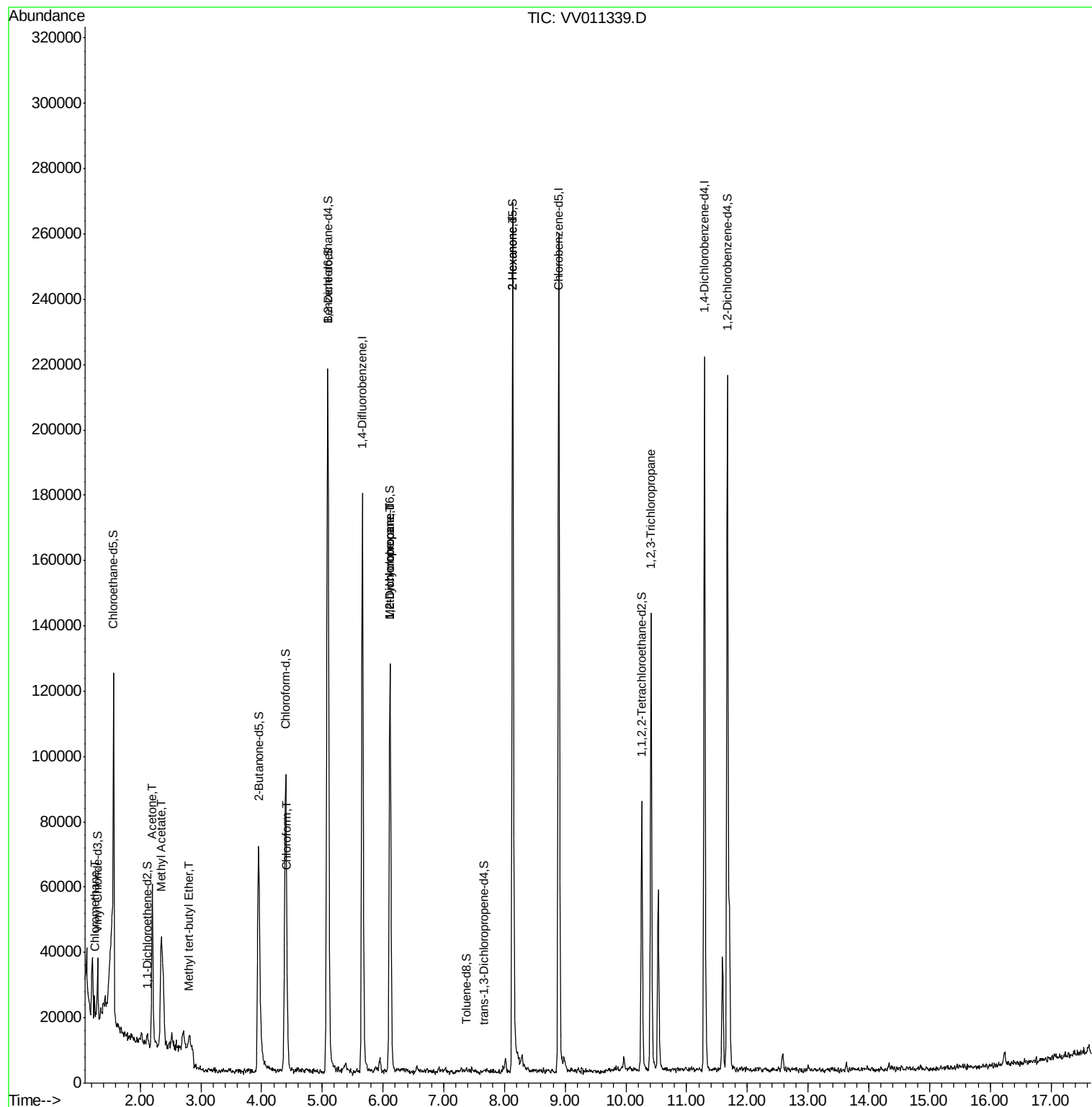
					Qvalue
3) Chloromethane	1.25	50	4764	0.371	ug/L 94
13) Acetone	2.20	43	33764	21.943	ug/L 99
15) Methyl Acetate	2.35	43	17407	4.259	ug/L # 54
17) Methyl tert-butyl Ether	2.81	73	3703	0.164	ug/L # 83
25) Chloroform	4.42	83	4024	0.208	ug/L 88
35) Methylcyclohexane	6.12	83	13625	0.798	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	7309	0.735	ug/L # 87
48) 2-Hexanone	8.14	43	11534	2.612	ug/L # 71
59) 1,2,3-Trichloropropane	10.41	75	1974	0.340	ug/L # 84

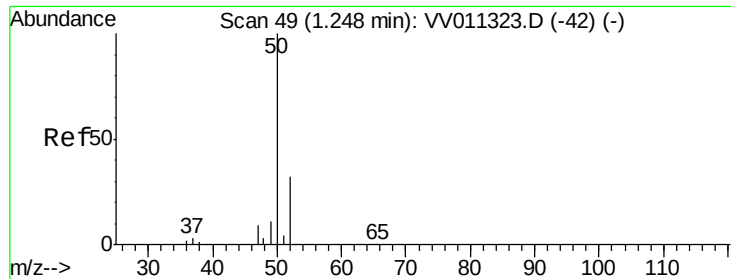
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.371 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011339.D

Acq: 09 Jun 2019 01:27

Instrument :

MSVOA_V

ClientSampled :

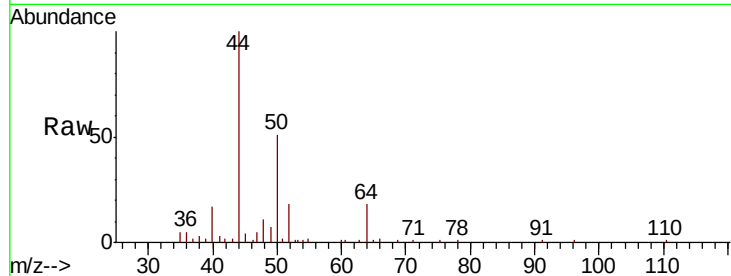
DB8F7

Tgt Ion: 50 Resp: 4764

Ion Ratio Lower Upper

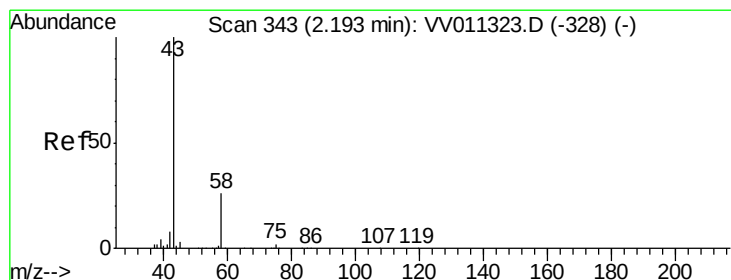
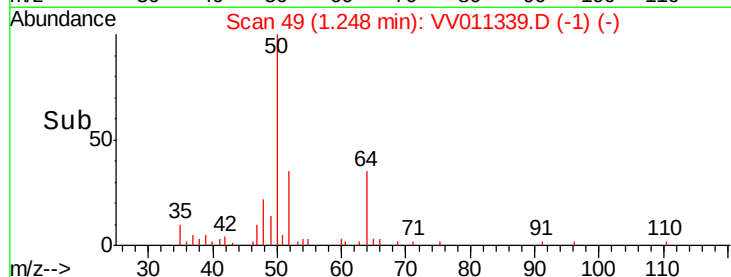
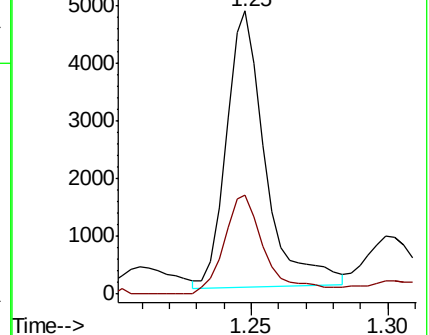
50 100

52 35.1 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: 21.943 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011339.D

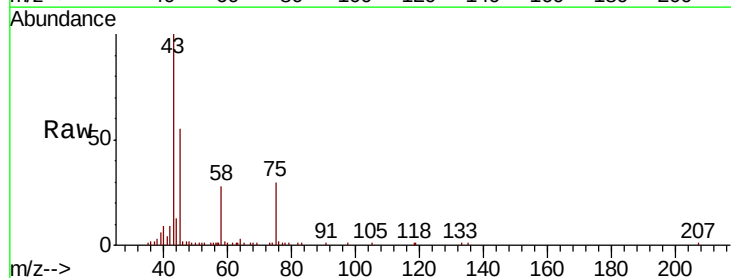
Acq: 09 Jun 2019 01:27

Tgt Ion: 43 Resp: 33764

Ion Ratio Lower Upper

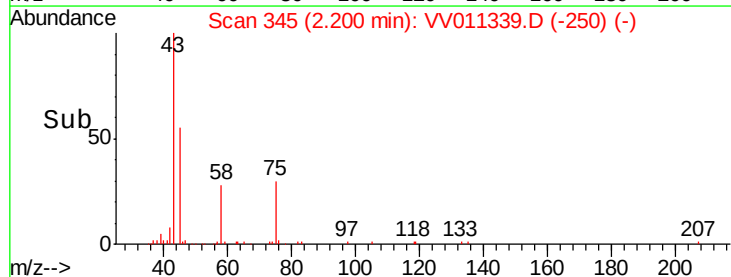
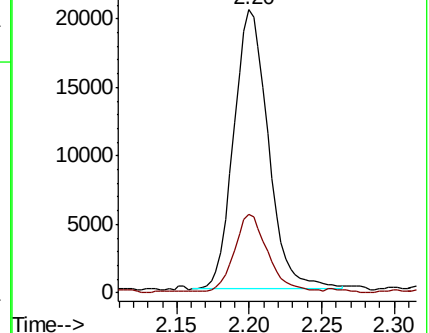
43 100

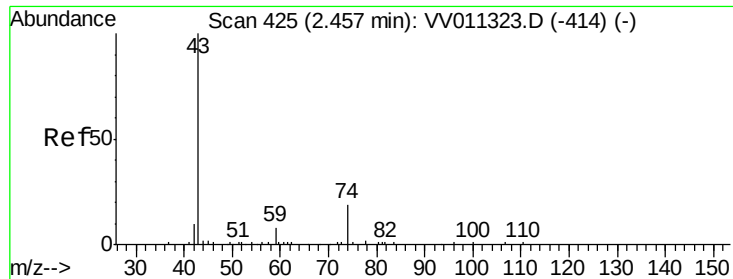
58 26.9 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

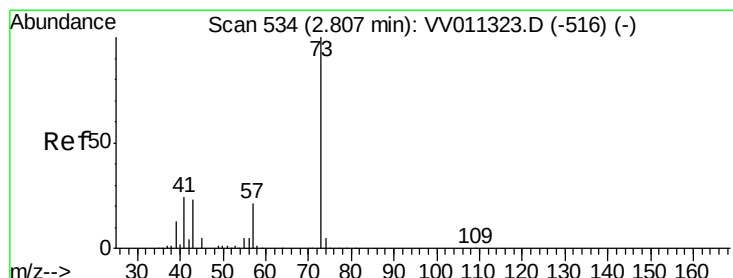
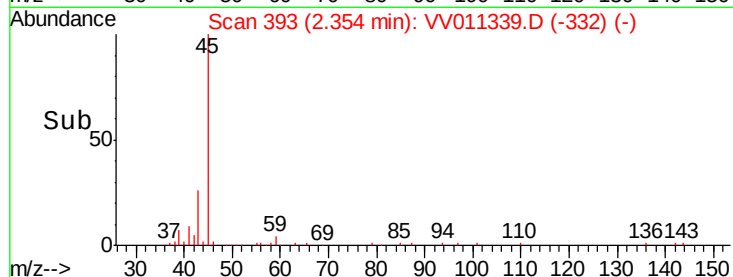
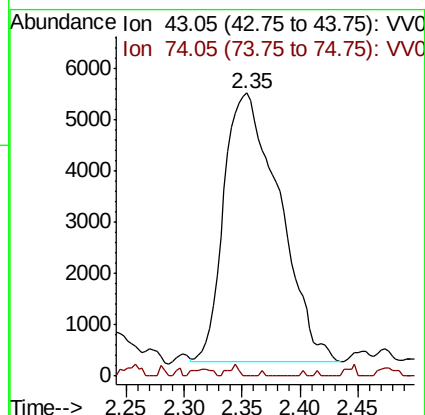
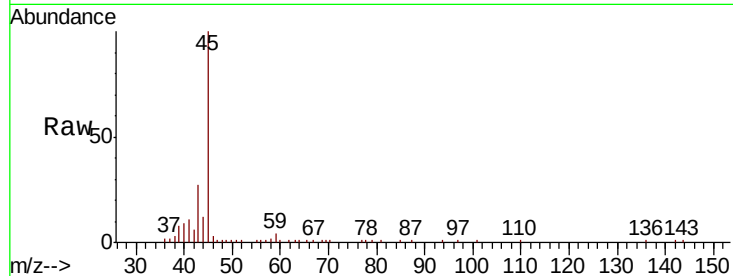




#15
Methyl Acetate
Concen: 4.259 ug/L
RT: 2.35 min Scan# 393
Delta R.T. -0.10 min
Lab File: VV011339.D
Acq: 09 Jun 2019 01:27

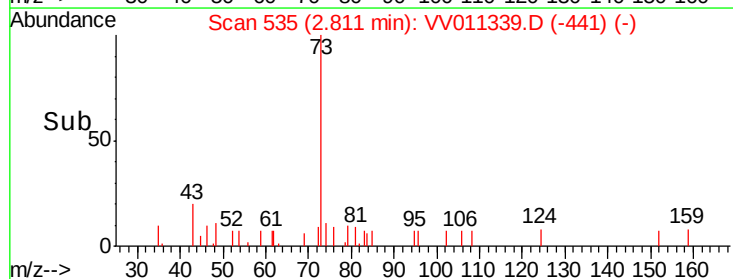
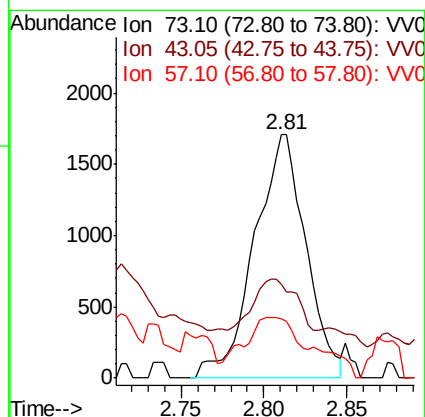
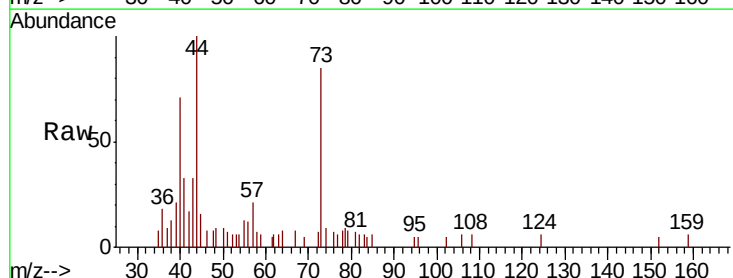
Instrument :
MSVOA_V
ClientSampleId :
DB8F7

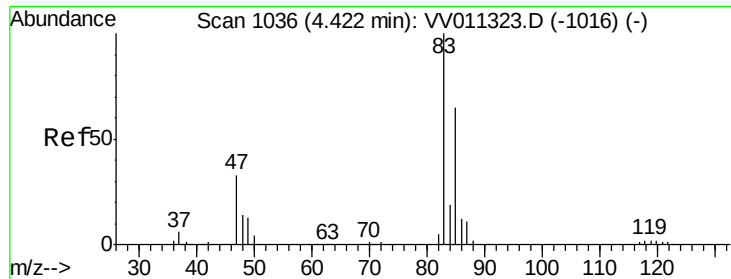
Tgt Ion: 43 Resp: 17407
Ion Ratio Lower Upper
43 100
74 0.7 18.5 27.7#



#17
Methyl tert-butyl Ether
Concen: 0.164 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011339.D
Acq: 09 Jun 2019 01:27

Tgt Ion: 73 Resp: 3703
Ion Ratio Lower Upper
73 100
43 16.8 18.7 28.1#
57 32.7 18.1 27.1#

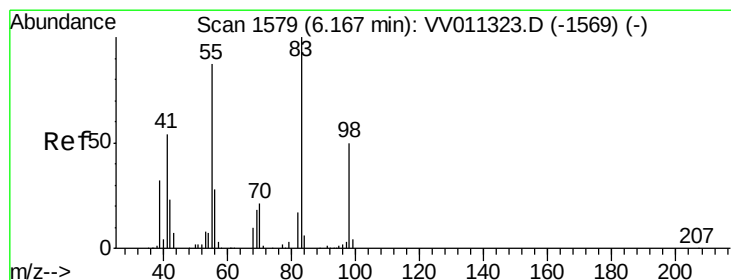
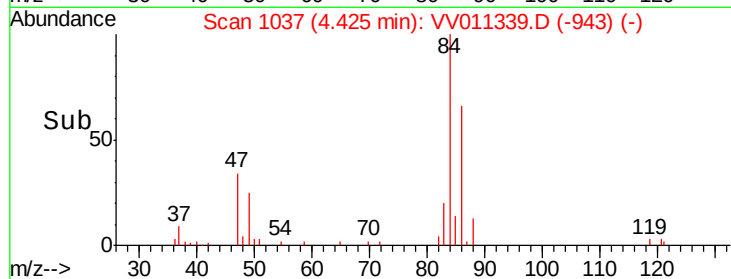
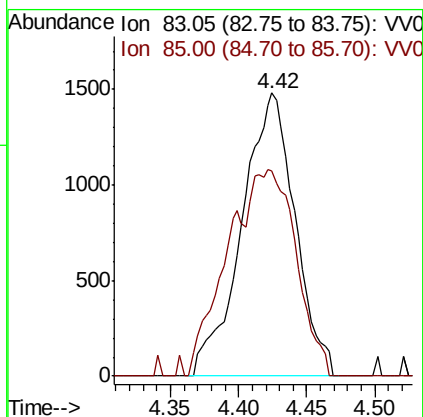
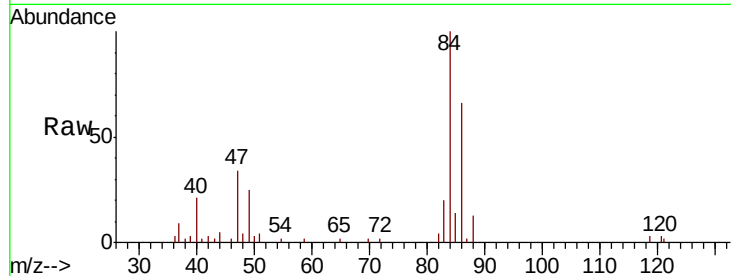




#25
Chloroform
Concen: 0.208 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011339.D
Acq: 09 Jun 2019 01:27

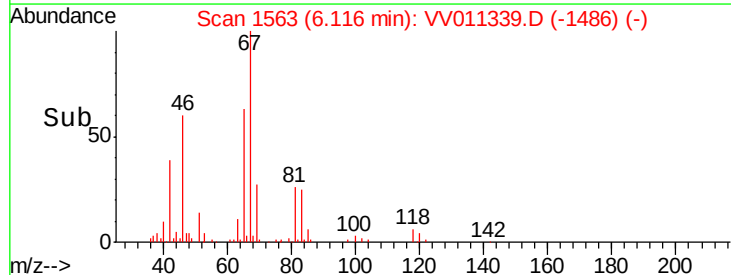
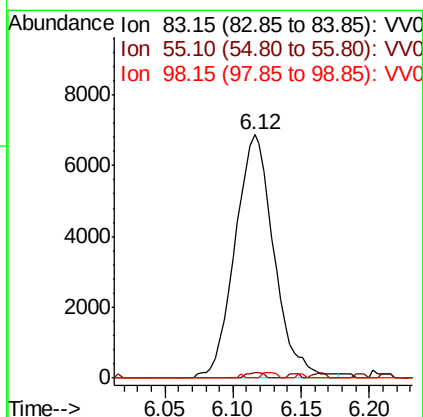
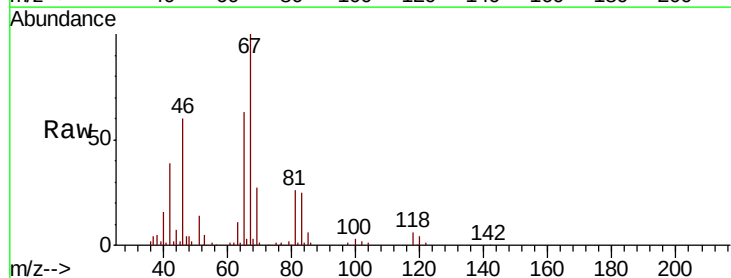
Instrument :
MSVOA_V
ClientSampleId :
DB8F7

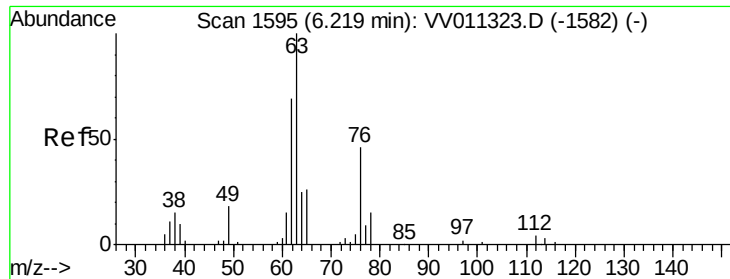
Tgt Ion: 83 Resp: 4024
Ion Ratio Lower Upper
83 100
85 72.3 44.1 81.9



#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011339.D
Acq: 09 Jun 2019 01:27

Tgt Ion: 83 Resp: 13625
Ion Ratio Lower Upper
83 100
55 0.9 67.0 100.6#
98 0.9 40.0 60.0#

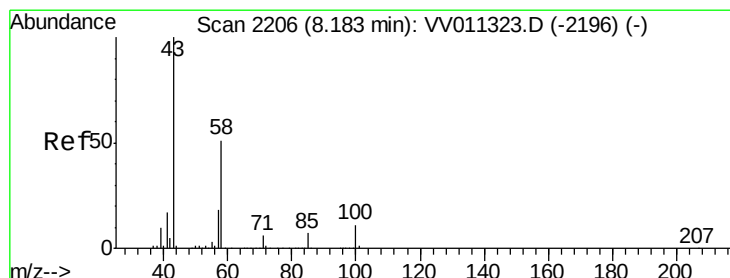
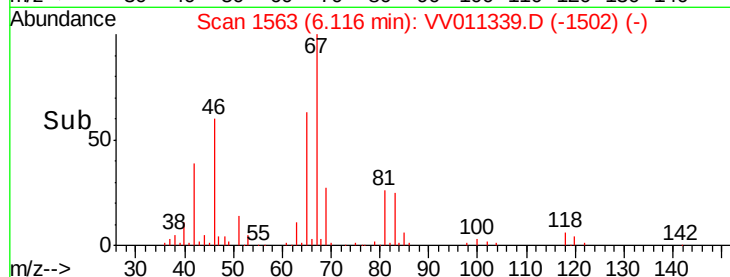
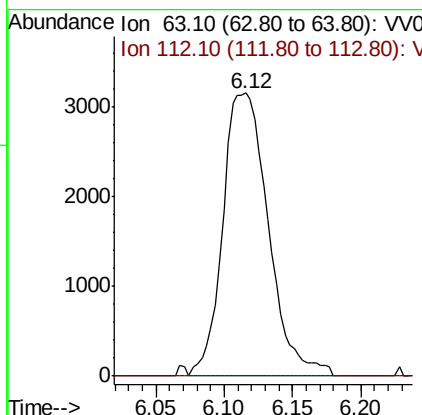
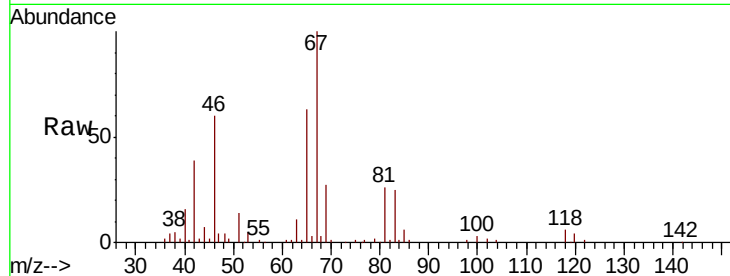




#37
 1,2-Dichloropropane
 Concen: 0.735 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011339.D
 Acq: 09 Jun 2019 01:27

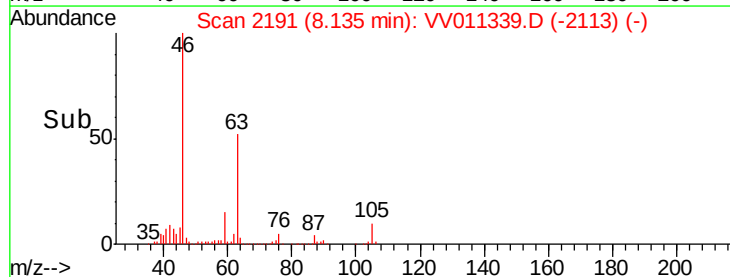
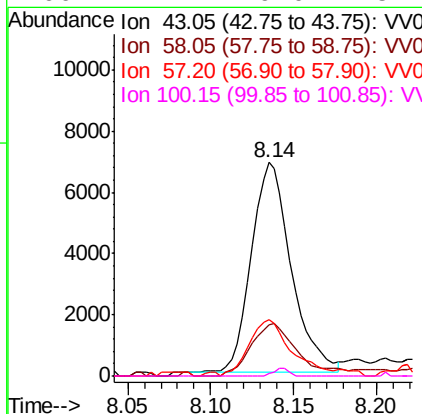
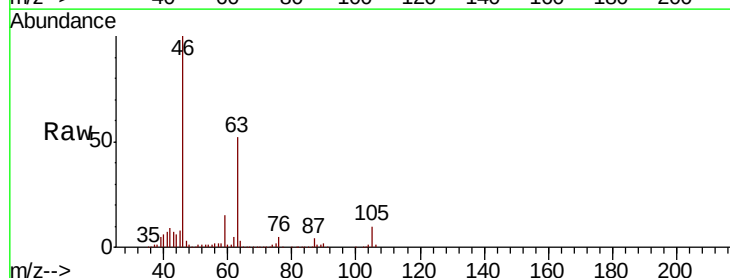
Instrument :
 MSVOA_V
 ClientSampleId :
 DB8F7

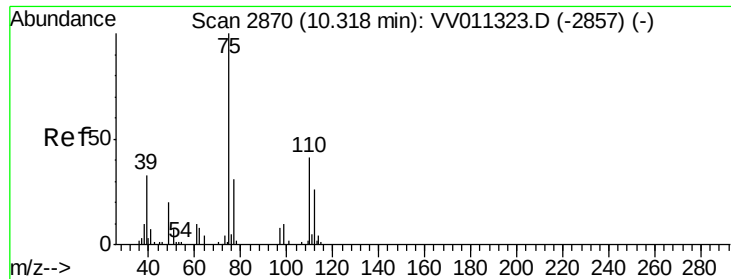
Tgt Ion: 63 Resp: 7309
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.612 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011339.D
 Acq: 09 Jun 2019 01:27

Tgt Ion: 43 Resp: 11534
 Ion Ratio Lower Upper
 43 100
 58 28.9 41.4 62.0#
 57 28.1 15.0 22.4#
 100 1.4 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 0.340 ug/L

RT: 10.41 min Scan# 2899

Delta R.T. 0.09 min

Lab File: VV011339.D

Acq: 09 Jun 2019 01:27

Instrument :

MSVOA_V

ClientSampleId :

DB8F7

Tgt Ion: 75 Resp: 1974

Ion Ratio Lower Upper

75 100

77 42.5 26.7 40.1#

