

Data File : VV011428.D
Acq On : 12 Jun 2019 18:48
Operator : SY/MD
Sample : K3310-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ6

Quant Time: Jun 13 02:36:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 02:32:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142261	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33434	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	1.58	69	27773	3.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.00%#
11) 1,1-Dichloroethene-d2	2.12	63	59623	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	3.97	46	106960	44.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.40	84	78080	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	44496	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.09	84	151698	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.12	67	47802	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	127361	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.66	79	13485	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	8.14	63	76597	40.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32610	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	40002	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

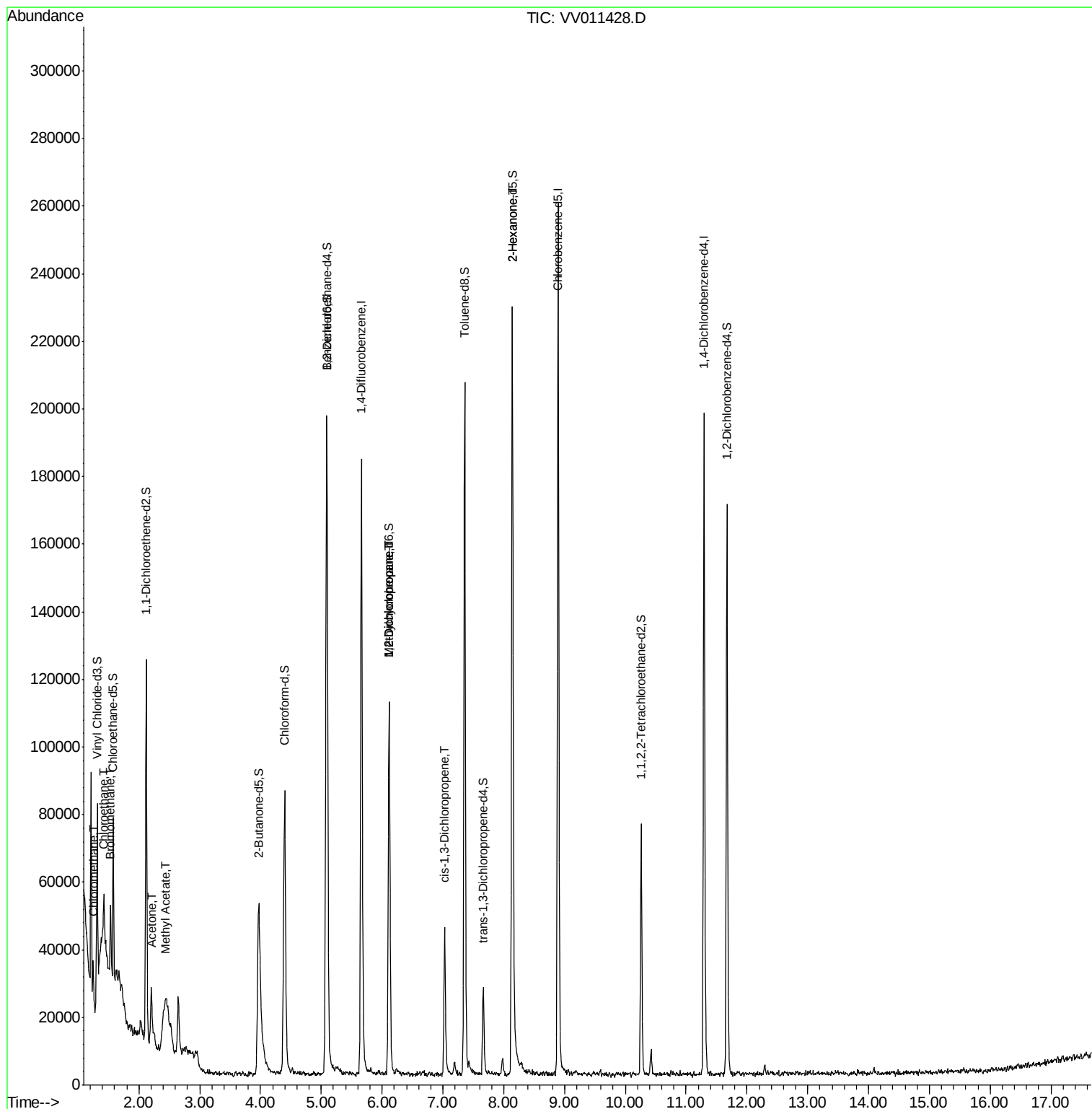
						Qvalue
3) Chloromethane	1.25	50	7560	0.557	ug/L	95
6) Bromomethane	1.53	94	8712	1.279	ug/L	99
8) Chloroethane	1.42	64	120037	14.352	ug/L #	59
13) Acetone	2.22	43	3557	2.186	ug/L	91
15) Methyl Acetate	2.44	43	1256	0.291	ug/L #	87
35) Methylcyclohexane	6.11	83	11298	0.651	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6222	0.616	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1543	0.104	ug/L #	73
48) 2-Hexanone	8.14	43	10668	2.377	ug/L #	70

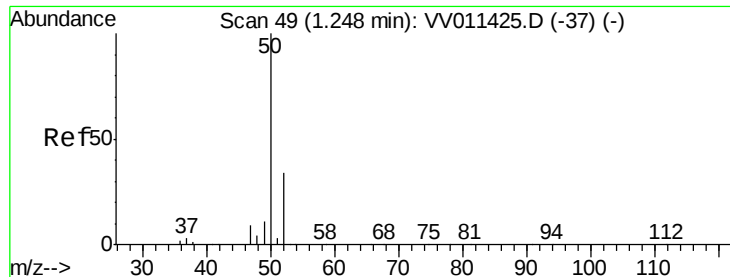
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.557 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 12 Jun 2019 18:48

Instrument :

MSVOA_V

ClientSampleId :

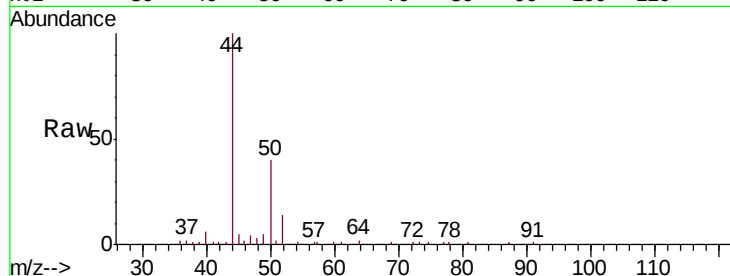
COLZ6

Tgt Ion: 50 Resp: 7560

Ion Ratio Lower Upper

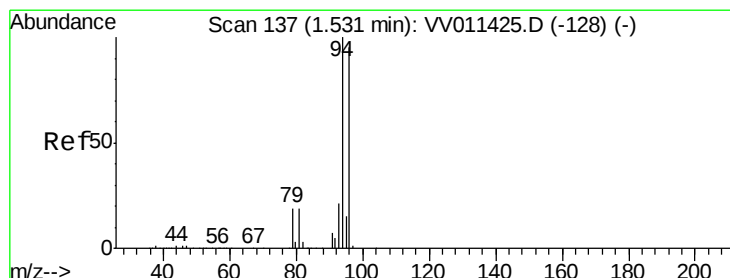
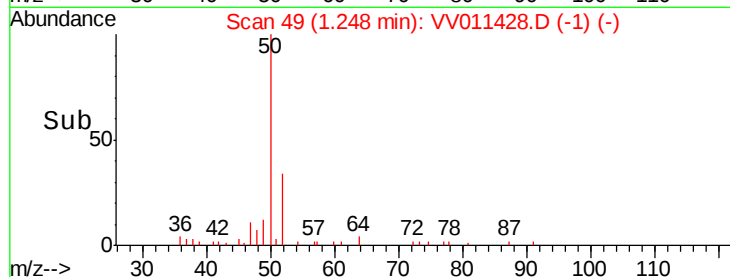
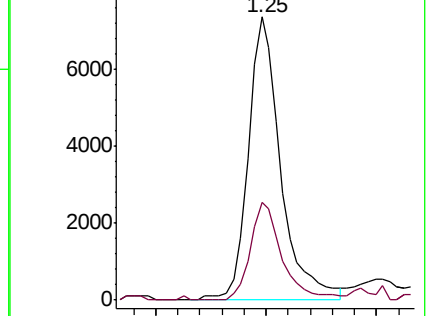
50 100

52 34.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 1.279 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

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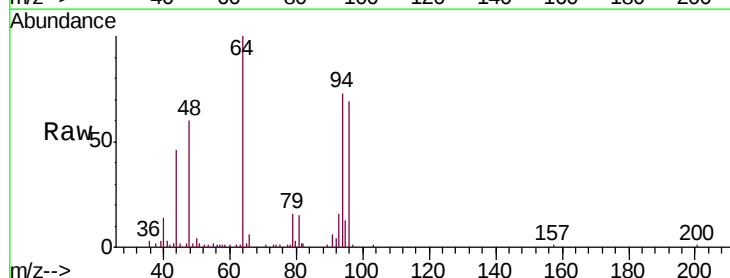
Acq: 12 Jun 2019 18:48

Tgt Ion: 94 Resp: 8712

Ion Ratio Lower Upper

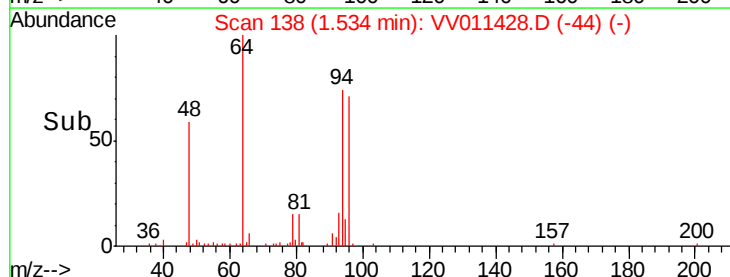
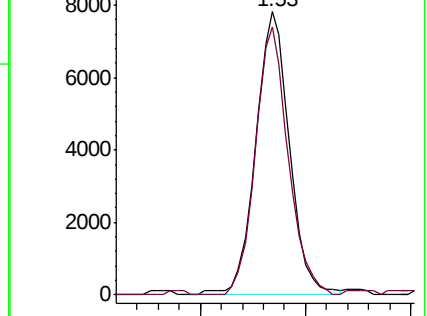
94 100

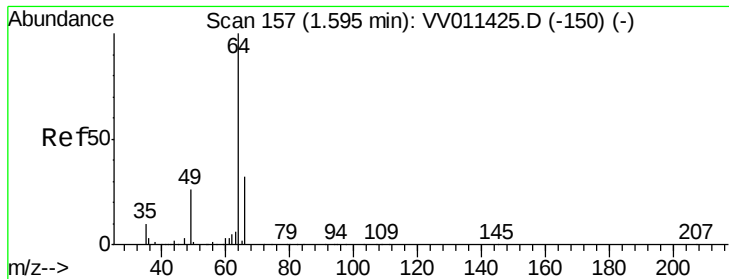
96 94.8 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 14.352 ug/L

RT: 1.42 min Scan# 104

Delta R.T. -0.17 min

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Acq: 12 Jun 2019 18:48

Instrument :

MSVOA_V

ClientSampled :

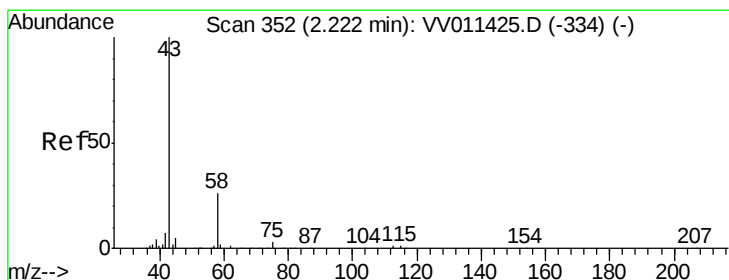
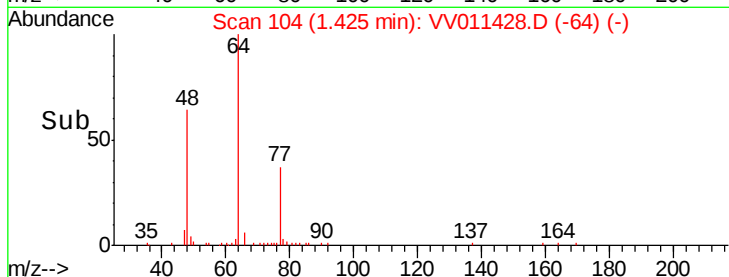
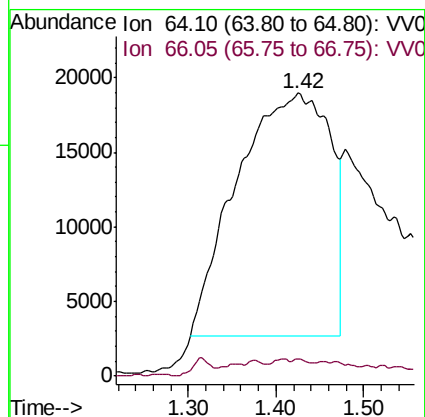
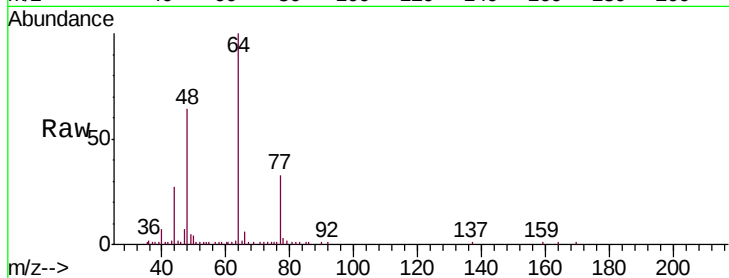
COLZ6

Tgt Ion: 64 Resp: 120037

Ion Ratio Lower Upper

64 100

66 6.3 19.4 36.0#



#13

Acetone

Concen: 2.186 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV011428.D

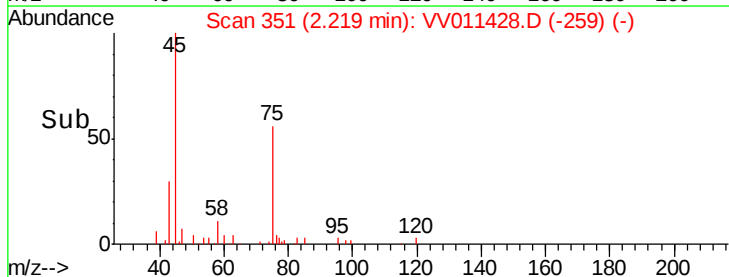
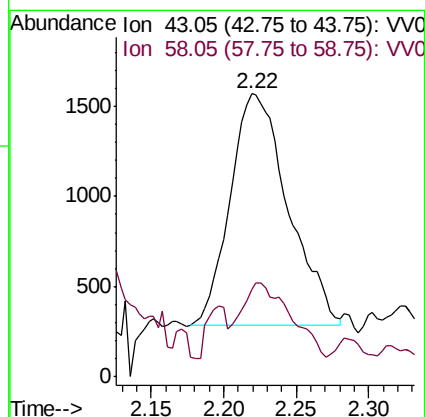
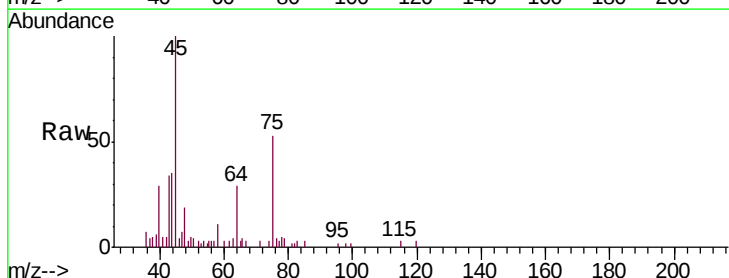
Acq: 12 Jun 2019 18:48

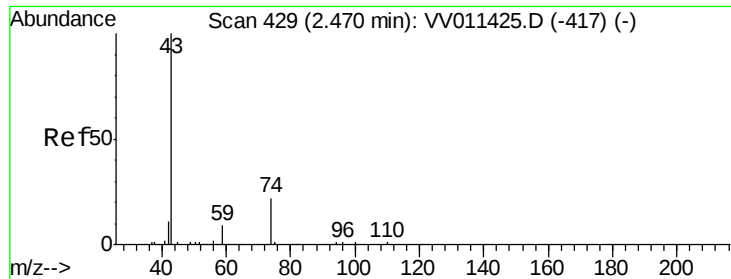
Tgt Ion: 43 Resp: 3557

Ion Ratio Lower Upper

43 100

58 32.0 0.0 55.2

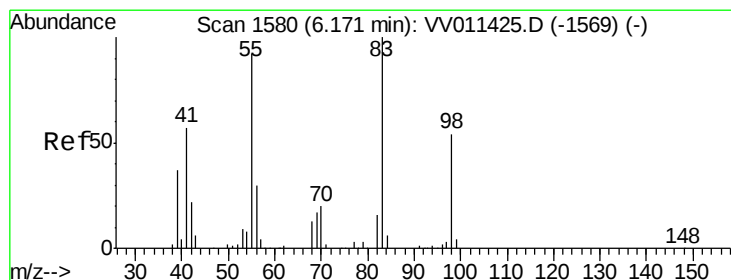
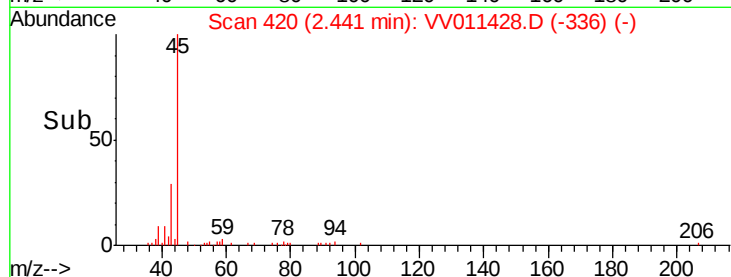
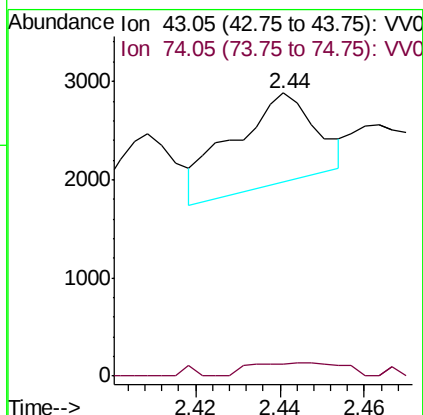
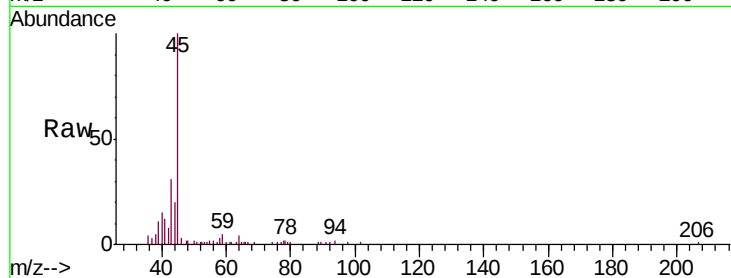




#15
Methyl Acetate
Concen: 0.291 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.03 min
Lab File: VV011428.D
Acq: 12 Jun 2019 18:48

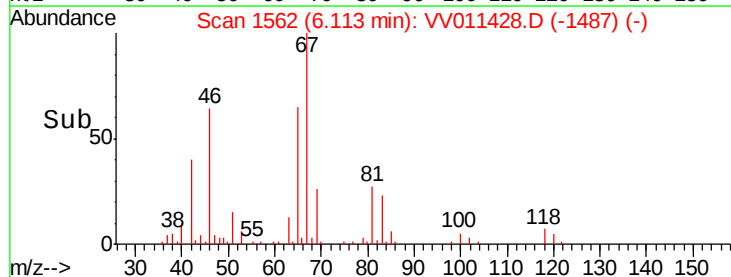
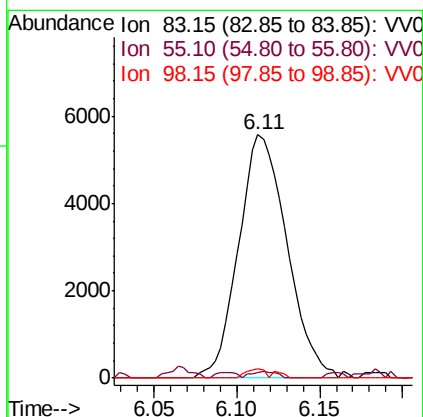
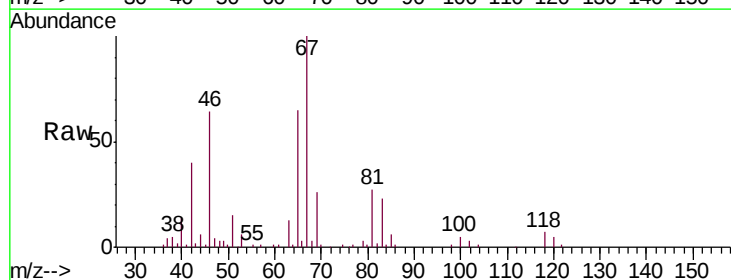
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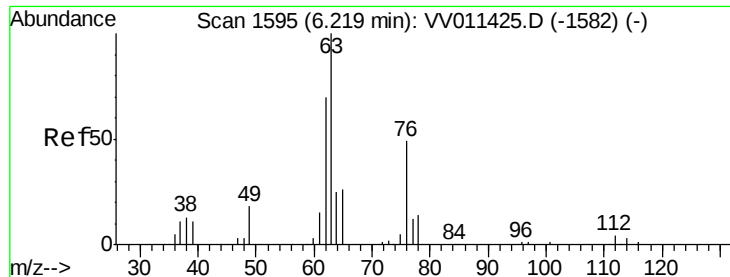
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
74 17.0 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011428.D
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Tgt Ion: 83 Resp: 11298
Ion Ratio Lower Upper
83 100
55 1.5 67.0 100.6#
98 1.5 40.0 60.0#

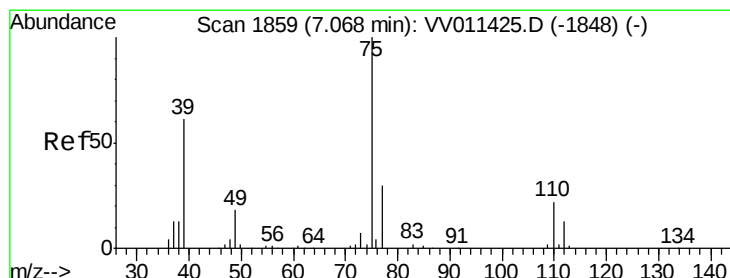
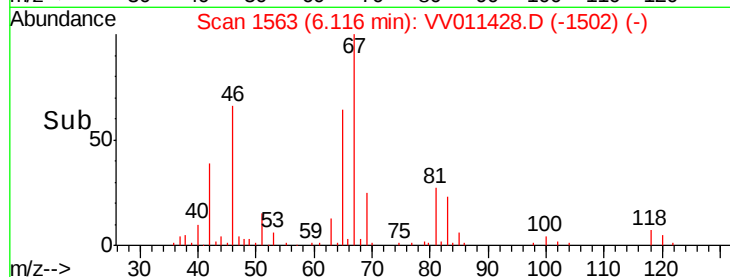
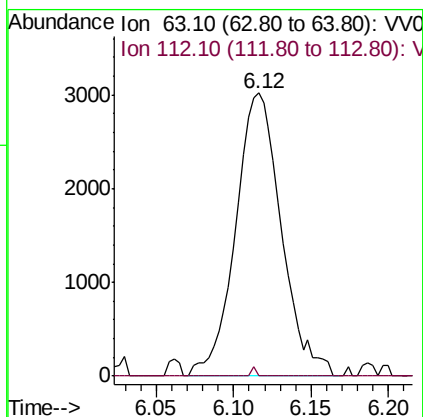
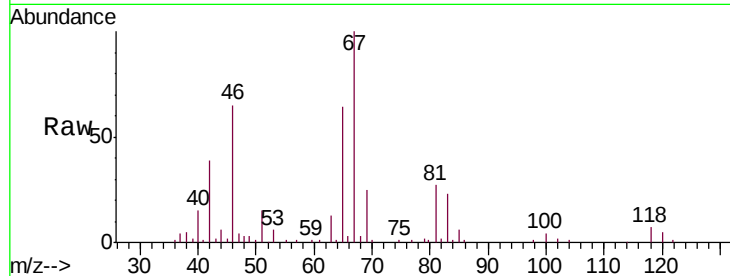




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011428.D
 Acq: 12 Jun 2019 18:48

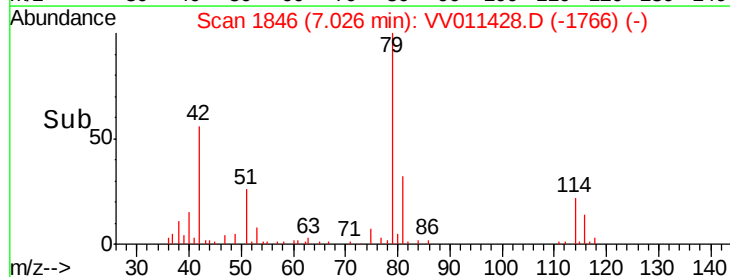
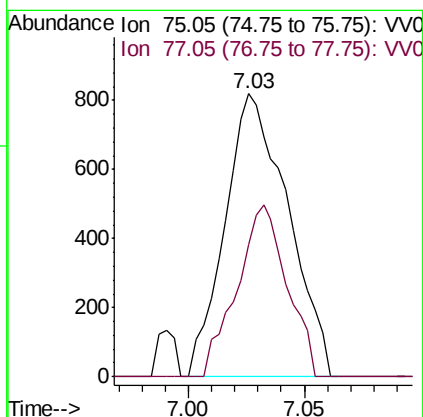
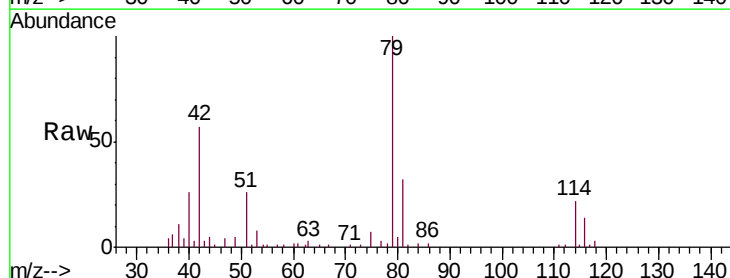
Instrument :
 MSVOA_V
 ClientSampleId :
 COLZ6

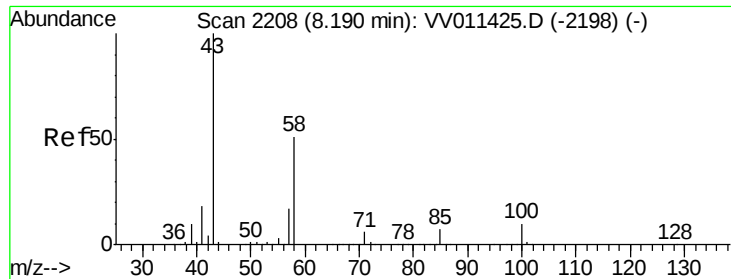
Tgt Ion: 63 Resp: 6222
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011428.D
 Acq: 12 Jun 2019 18:48

Tgt Ion: 75 Resp: 1543
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.2 41.2#





#48

2-Hexanone

Concen: 2.377 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011428.D

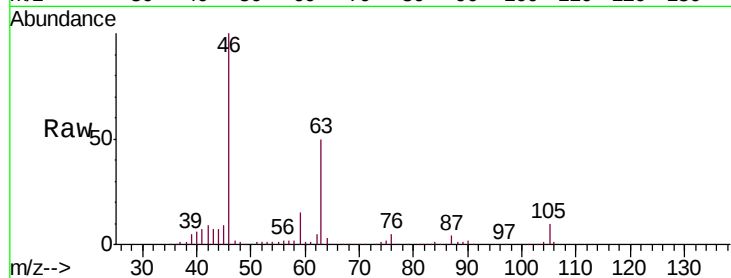
Acq: 12 Jun 2019 18:48

Instrument :

MSVOA_V

ClientSampleId :

COLZ6



Tgt Ion:	43	Resp:	10668
Ion	Ratio	Lower	Upper
43	100		
58	28.1	41.4	62.0#
57	28.1	15.0	22.4#
100	0.5	9.0	13.4#

