

Data File : VV011429.D
Acq On : 12 Jun 2019 19:18
Operator : SY/MD
Sample : K3310-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ7

Quant Time: Jun 13 02:36:57 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	139676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46717	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33998	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	1.58	69	29853	3.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.80%
11) 1,1-Dichloroethene-d2	2.12	63	64709	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.97	46	116668	48.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.40	84	85617	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	49113	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.09	84	165623	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	51330	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	140570	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.66	79	14438	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.14	63	86416	45.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35266	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43912	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

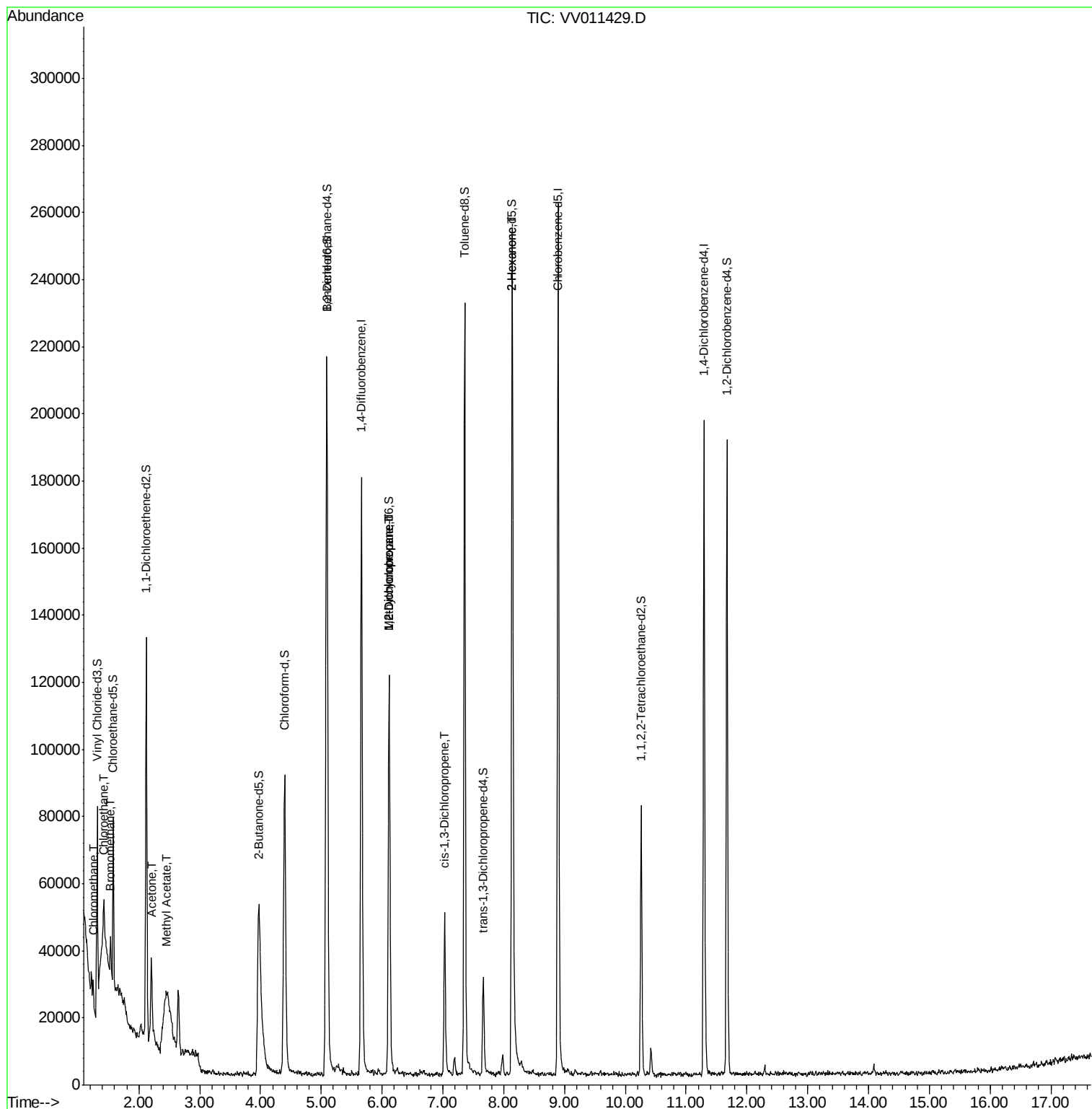
						Qvalue
3) Chloromethane	1.25	50	4890	0.367	ug/L	94
6) Bromomethane	1.53	94	4999	0.748	ug/L	92
8) Chloroethane	1.41	64	89809	10.936	ug/L #	57
13) Acetone	2.22	43	5363	3.357	ug/L	58
15) Methyl Acetate	2.45	43	10926	2.575	ug/L #	53
35) Methylcyclohexane	6.12	83	12179	0.706	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	6896	0.686	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1542	0.105	ug/L #	69
48) 2-Hexanone	8.14	43	12380	2.772	ug/L #	73

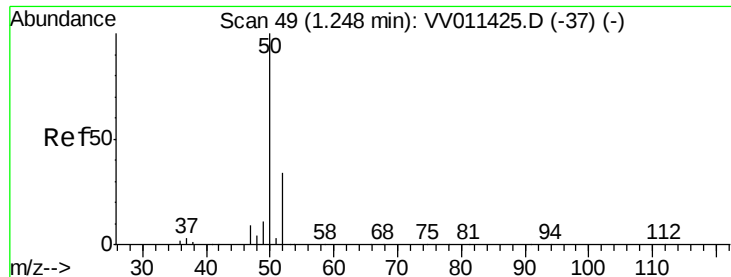
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.367 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_V

ClientSampleId :

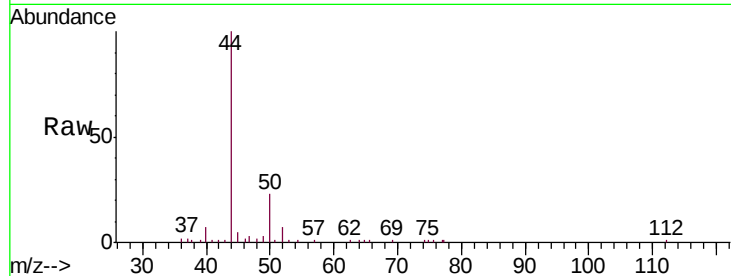
C0LZ7

Tgt Ion: 50 Resp: 4890

Ion Ratio Lower Upper

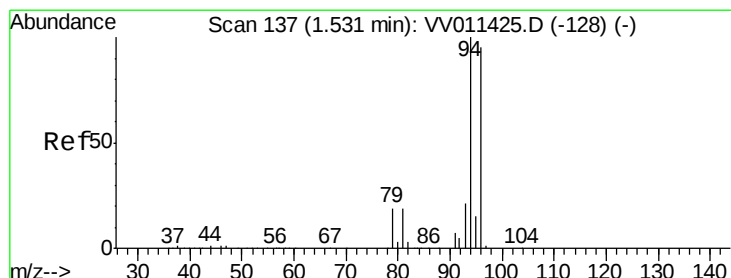
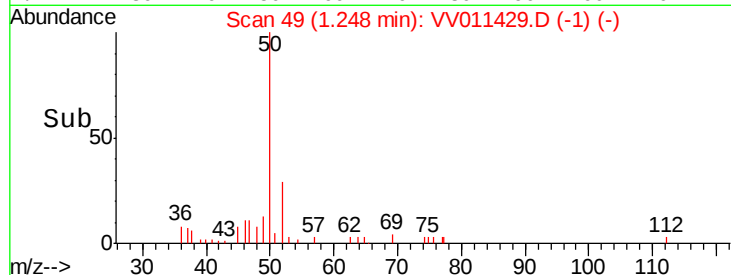
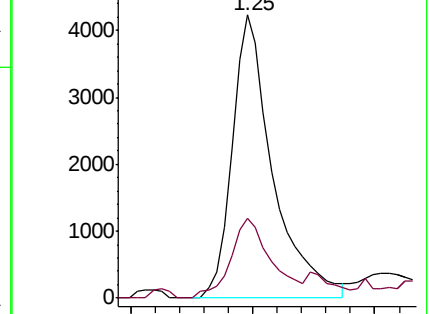
50 100

52 28.3 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: 0.748 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

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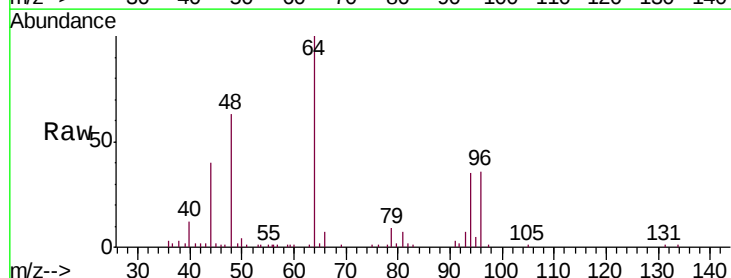
Acq: 12 Jun 2019 19:18

Tgt Ion: 94 Resp: 4999

Ion Ratio Lower Upper

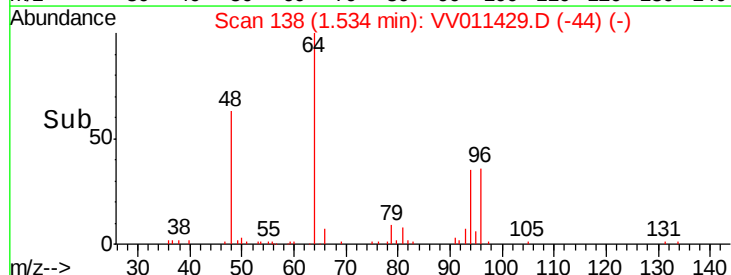
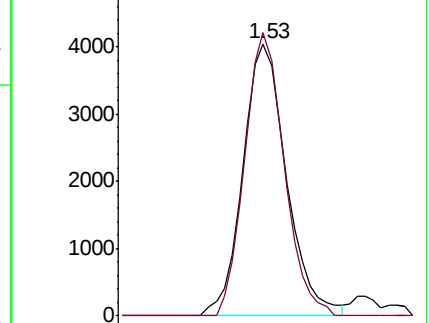
94 100

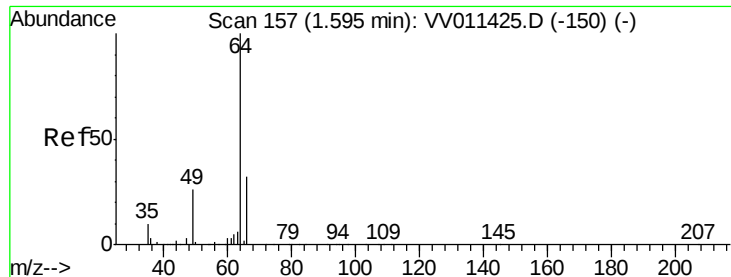
96 104.0 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 10.936 ug/L

RT: 1.41 min Scan# 100

Delta R.T. -0.18 min

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Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_V

ClientSampleId :

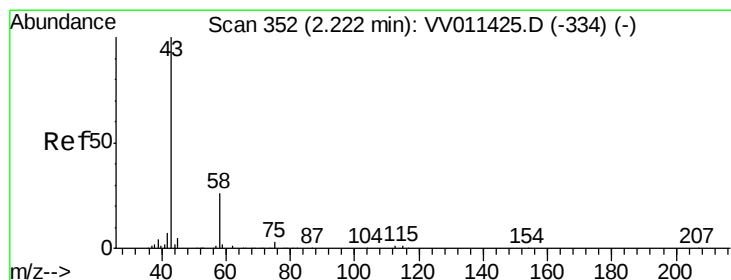
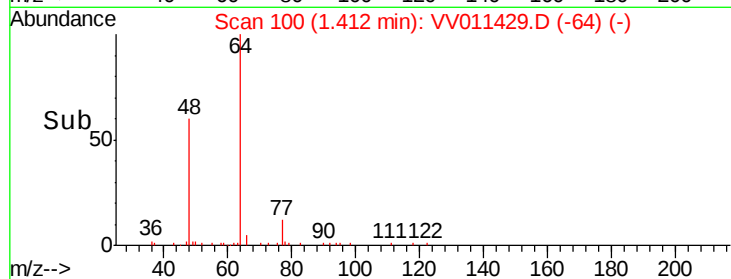
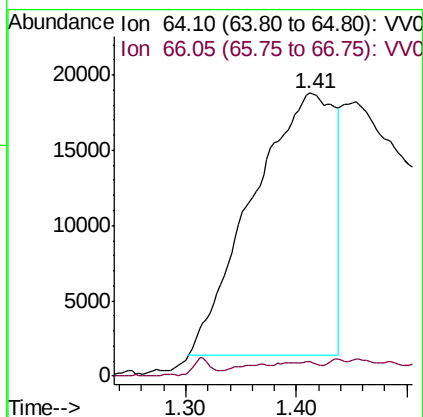
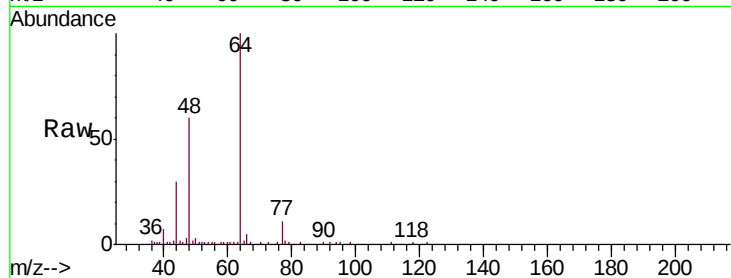
C0LZ7

Tgt Ion: 64 Resp: 89809

Ion Ratio Lower Upper

64 100

66 5.0 19.4 36.0#



#13

Acetone

Concen: 3.357 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV011429.D

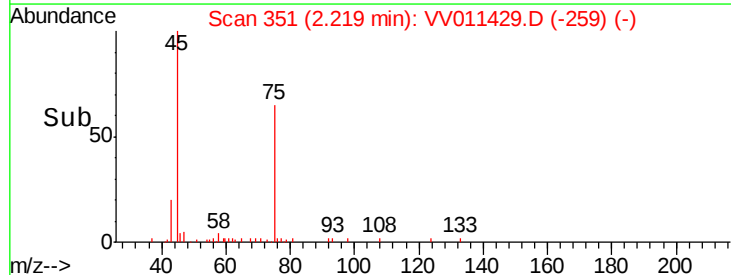
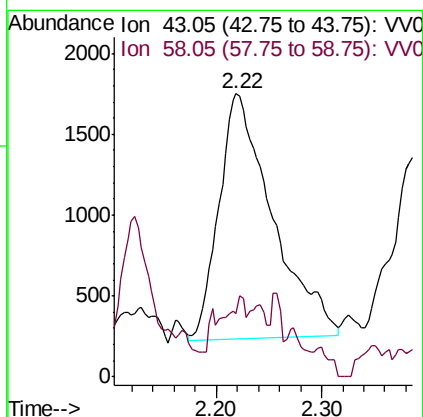
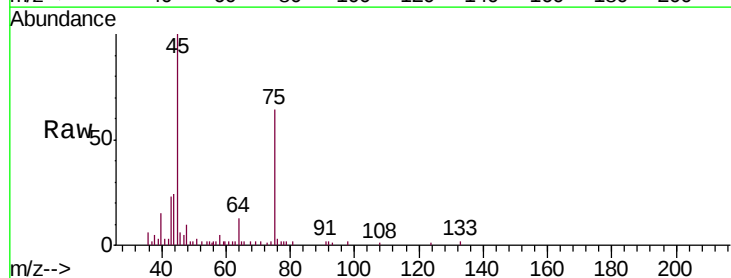
Acq: 12 Jun 2019 19:18

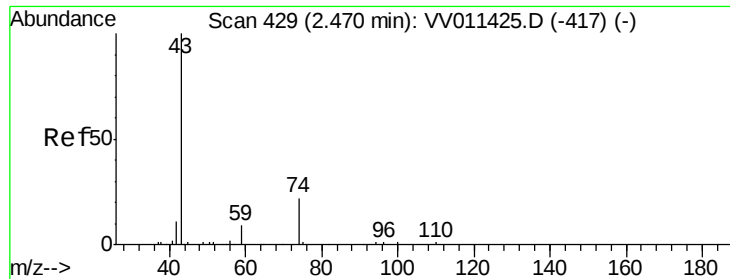
Tgt Ion: 43 Resp: 5363

Ion Ratio Lower Upper

43 100

58 5.9 0.0 55.2

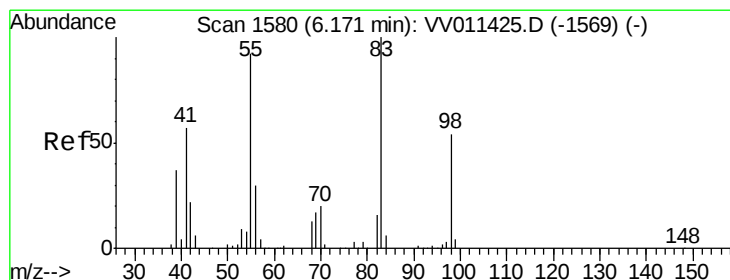
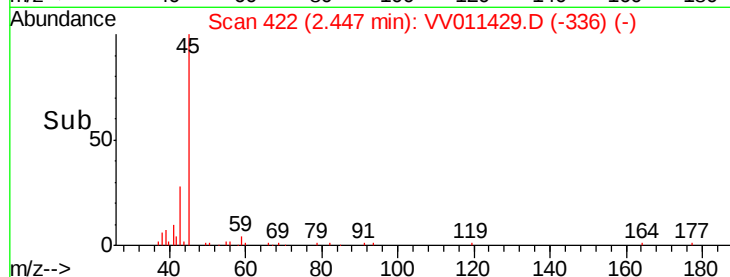
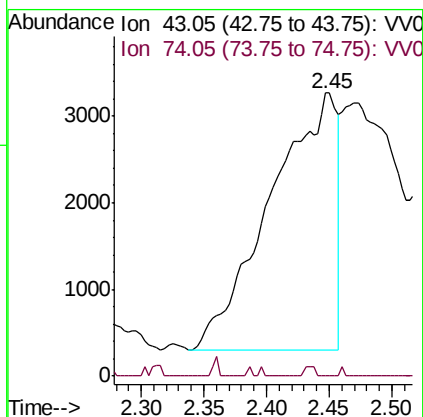
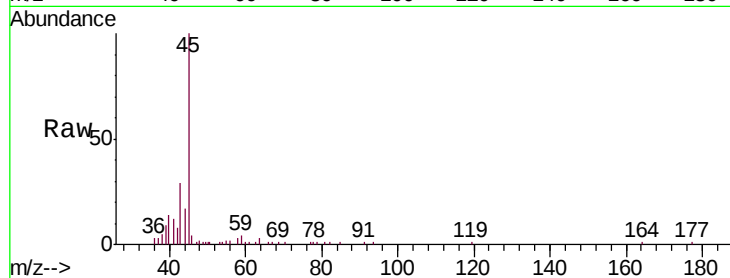




#15
Methyl Acetate
Concen: 2.575 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.02 min
Lab File: VV011429.D
Acq: 12 Jun 2019 19:18

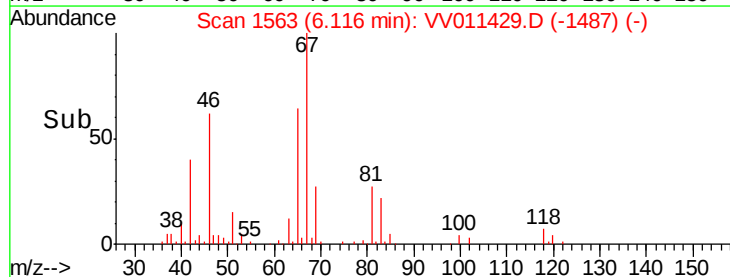
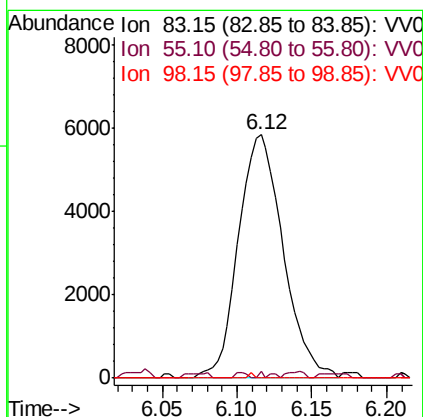
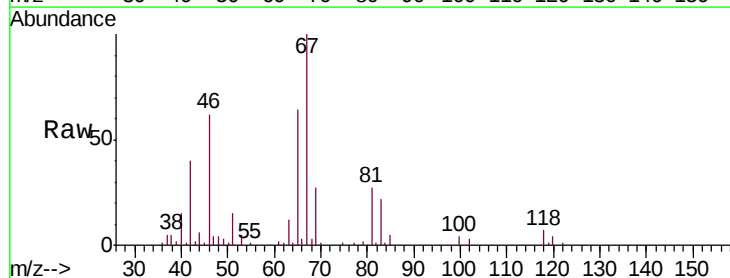
Instrument :
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COLZ7

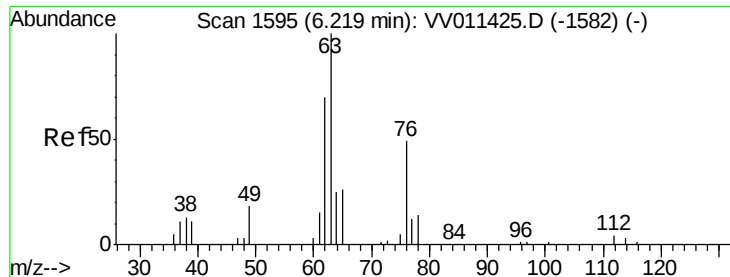
Tgt Ion: 43 Resp: 10926
Ion Ratio Lower Upper
43 100
74 0.2 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011429.D
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Tgt Ion: 83 Resp: 12179
Ion Ratio Lower Upper
83 100
55 0.2 67.0 100.6#
98 0.2 40.0 60.0#

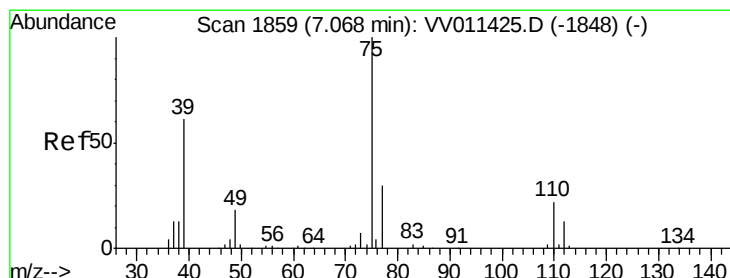
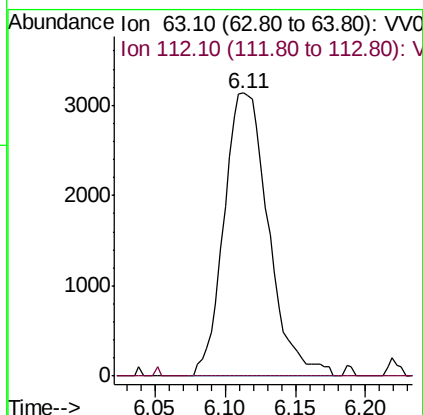
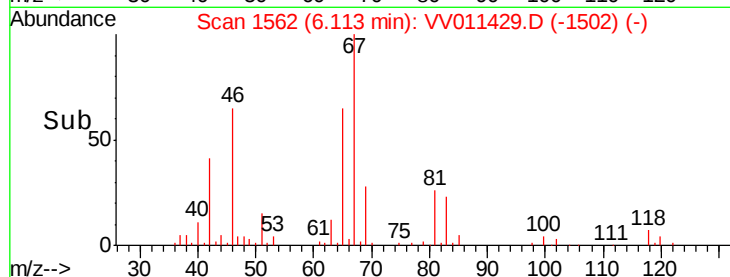
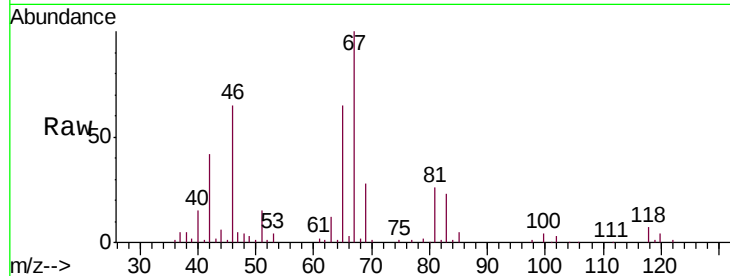




#37
 1,2-Dichloropropane
 Concen: 0.686 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011429.D
 Acq: 12 Jun 2019 19:18

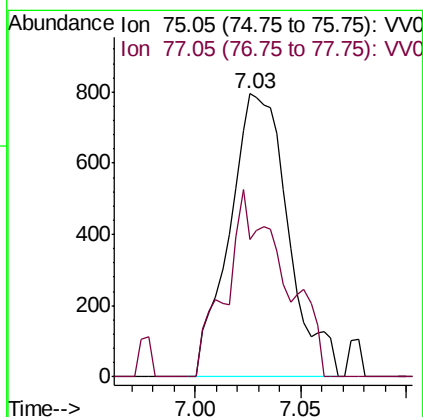
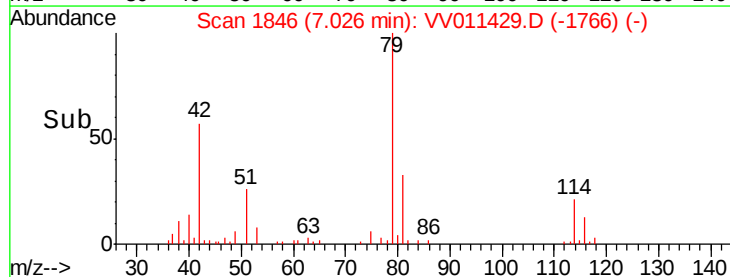
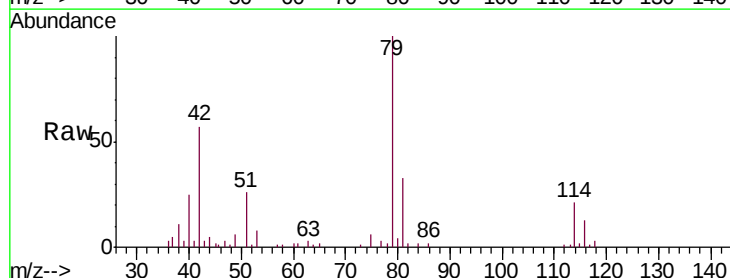
Instrument :
 MSVOA_V
 ClientSampleId :
 COLZ7

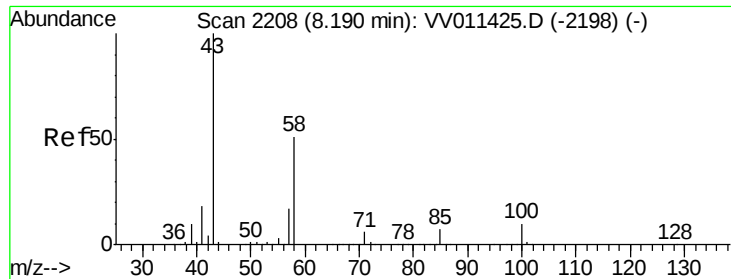
Tgt Ion: 63 Resp: 6896
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011429.D
 Acq: 12 Jun 2019 19:18

Tgt Ion: 75 Resp: 1542
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.2 41.2#





#48

2-Hexanone

Concen: 2.772 ug/L

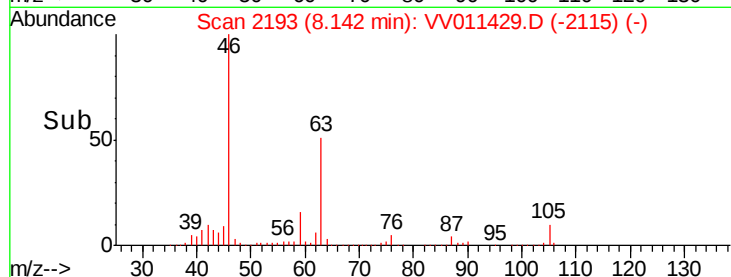
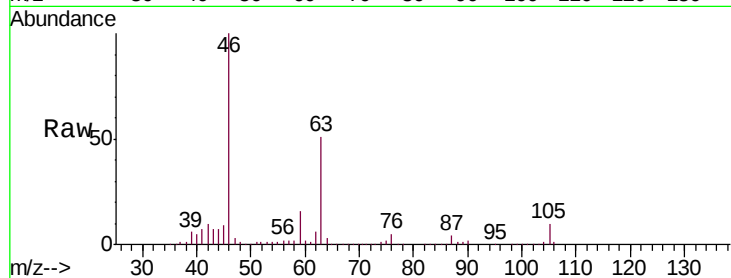
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011429.D

Acq: 12 Jun 2019 19:18

Instrument :
MSVOA_V
ClientSampleId :
COLZ7



Tgt Ion:	43	Resp:	12380
Ion	Ratio	Lower	Upper
43	100		
58	29.9	41.4	62.0#
57	25.2	15.0	22.4#
100	1.1	9.0	13.4#

