

Data File : VV011430.D
Acq On : 12 Jun 2019 19:48
Operator : SY/MD
Sample : K3310-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ8

Quant Time: Jun 13 02:37:05 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	134439	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34518	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.57	69	29325	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.12	63	62241	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.96	46	120107	52.37	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.40	84	83207	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	48116	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.09	84	162911	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	50803	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	138761	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.66	79	14241	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.14	63	82976	45.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35523	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	43645	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

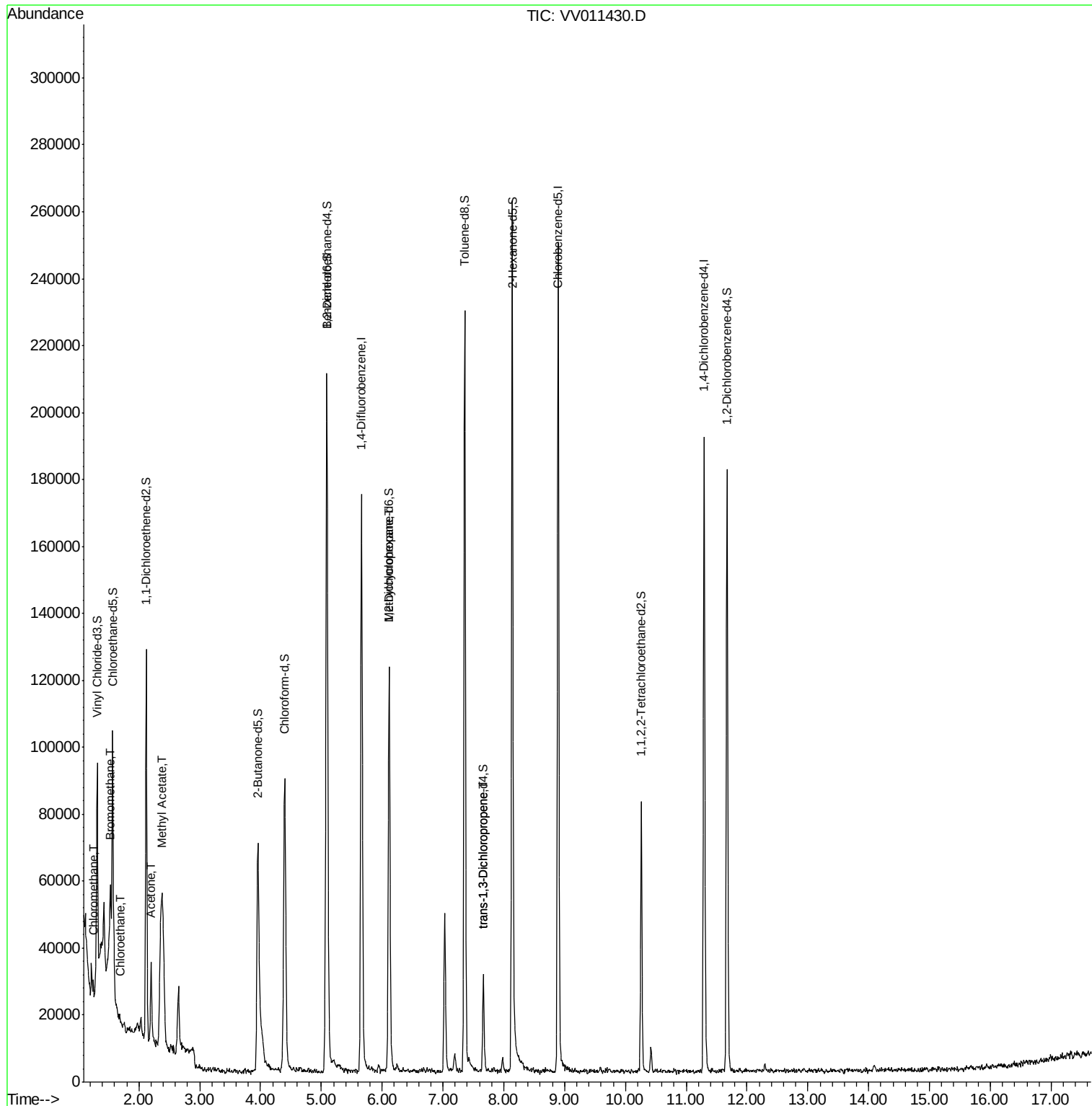
						Qvalue
3) Chloromethane	1.25	50	5246	0.409	ug/L	93
6) Bromomethane	1.53	94	4488	0.697	ug/L	96
8) Chloroethane	1.70	64	941	0.119	ug/L #	47
13) Acetone	2.21	43	4300	2.796	ug/L	88
15) Methyl Acetate	2.37	43	32094	7.858	ug/L #	53
35) Methylcyclohexane	6.12	83	12837	0.771	ug/L #	16
44) trans-1,3-Dichloropropene	7.66	75	888	0.082	ug/L #	42

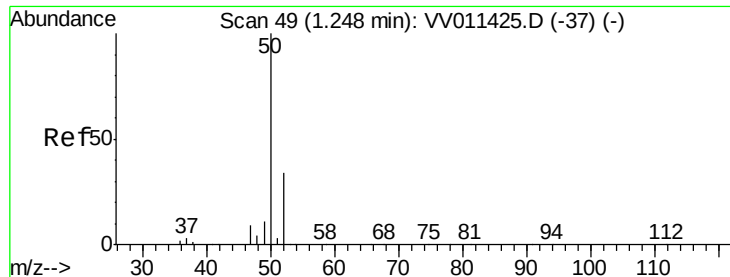
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.409 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011430.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA_V

ClientSampleId :

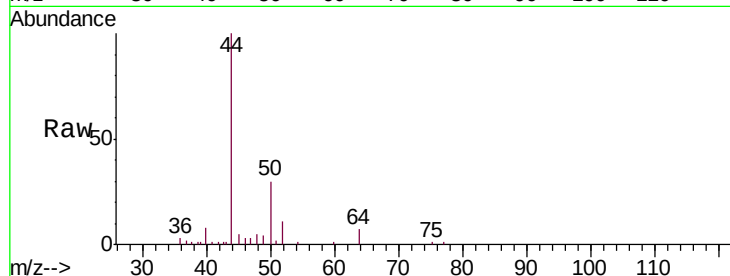
COLZ8

Tgt Ion: 50 Resp: 5246

Ion Ratio Lower Upper

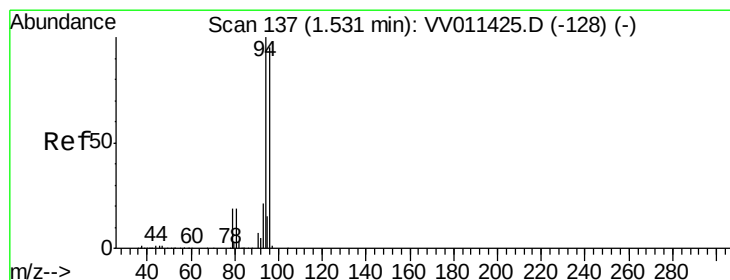
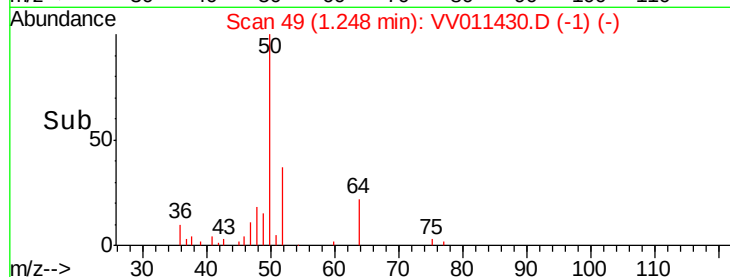
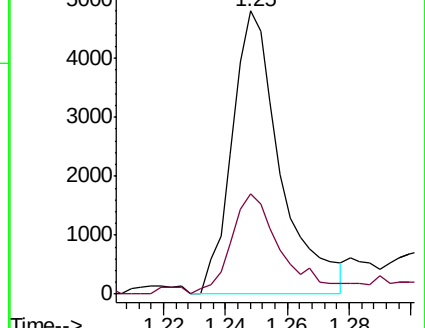
50 100

52 35.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011430.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV011430.D (-1) (-)



#6

Bromomethane

Concen: 0.697 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV011430.D

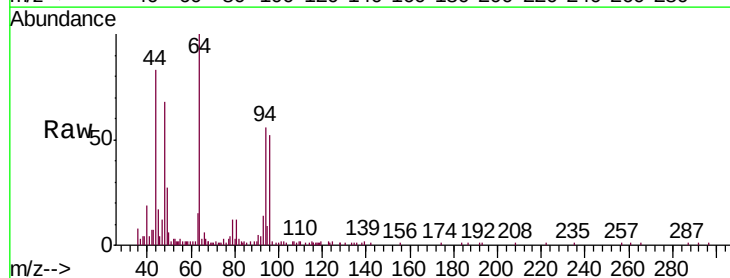
Acq: 12 Jun 2019 19:48

Tgt Ion: 94 Resp: 4488

Ion Ratio Lower Upper

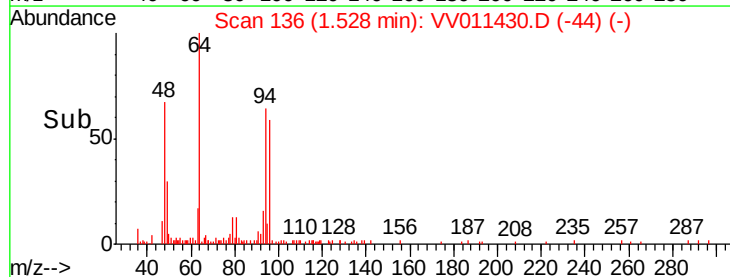
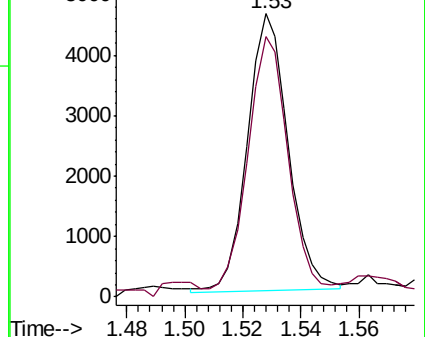
94 100

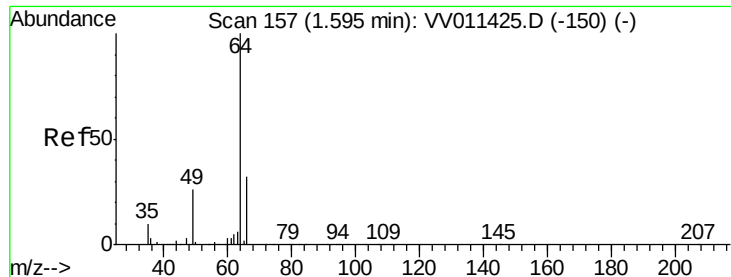
96 92.1 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011430.D (-44) (-)

Ion 96.00 (95.70 to 96.70): VV011430.D (-44) (-)





#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.70 min Scan# 190

Delta R.T. 0.11 min

Lab File: VV011430.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA_V

ClientSampled :

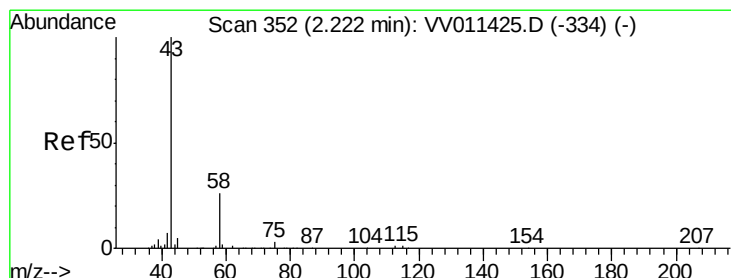
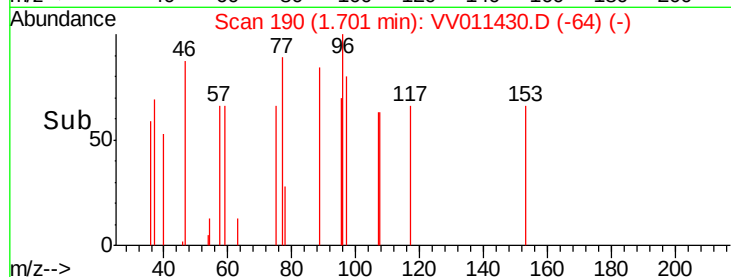
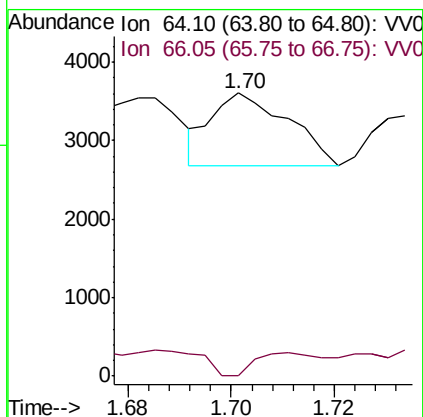
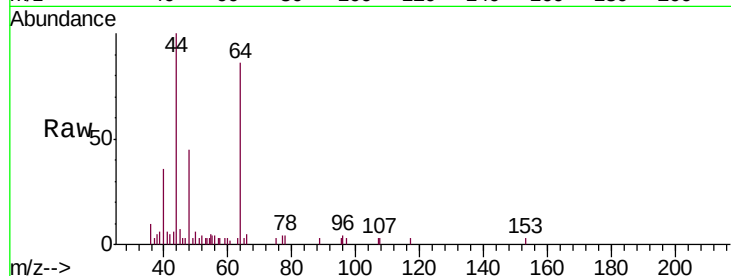
COLZ8

Tgt Ion: 64 Resp: 941

Ion Ratio Lower Upper

64 100

66 0.0 19.4 36.0#



#13

Acetone

Concen: 2.796 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV011430.D

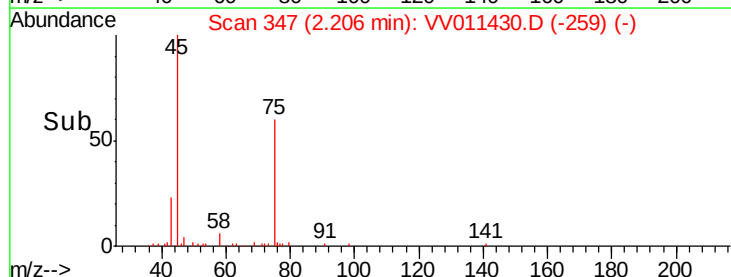
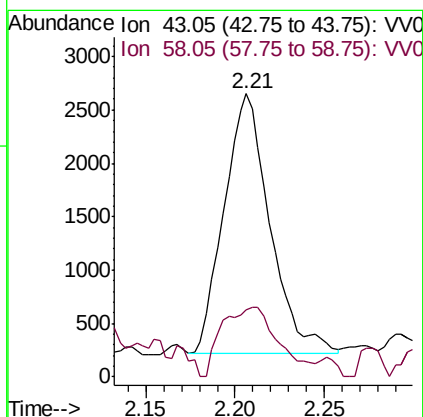
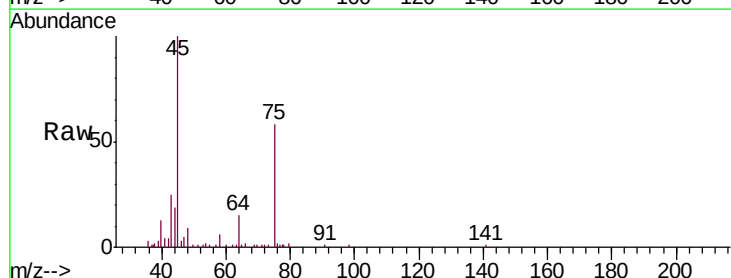
Acq: 12 Jun 2019 19:48

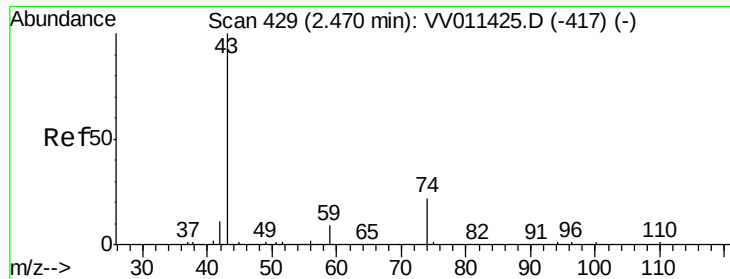
Tgt Ion: 43 Resp: 4300

Ion Ratio Lower Upper

43 100

58 33.7 0.0 55.2

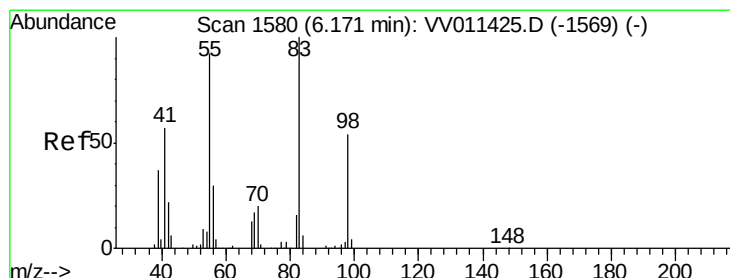
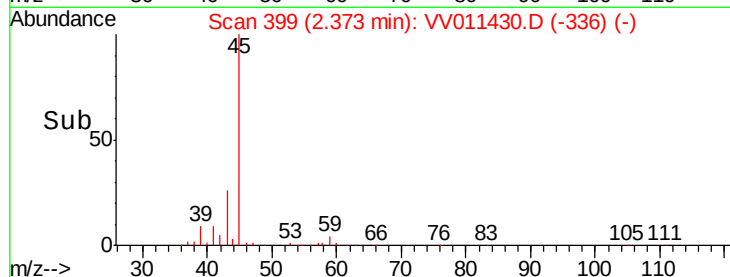
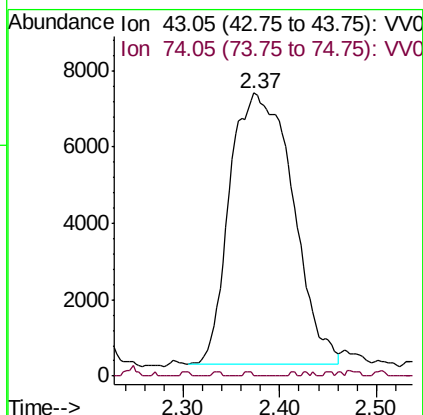
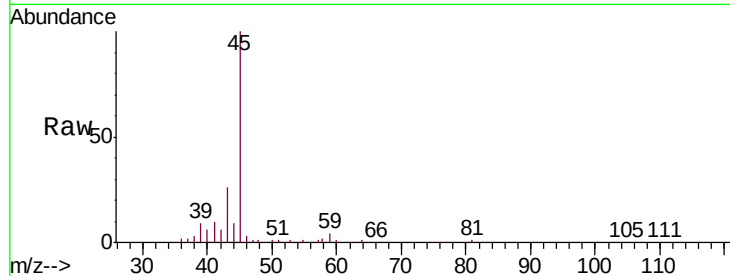




#15
Methyl Acetate
Concen: 7.858 ug/L
RT: 2.37 min Scan# 399
Delta R.T. -0.10 min
Lab File: VV011430.D
Acq: 12 Jun 2019 19:48

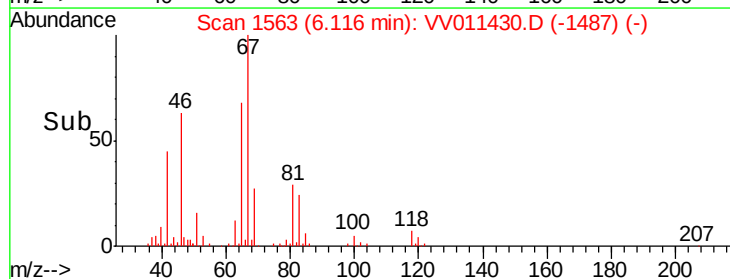
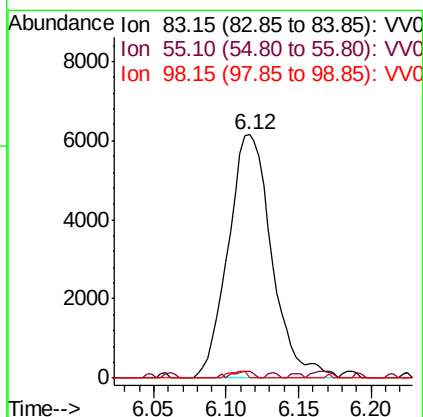
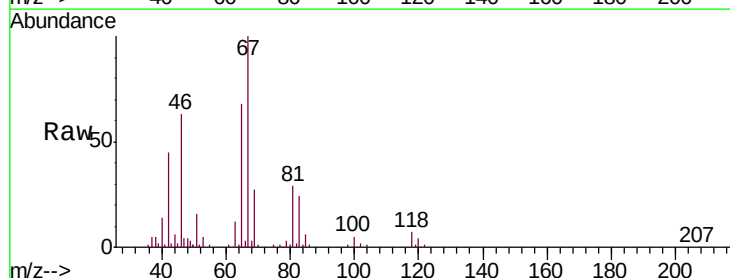
Instrument :
MSVOA_V
ClientSampleId :
COLZ8

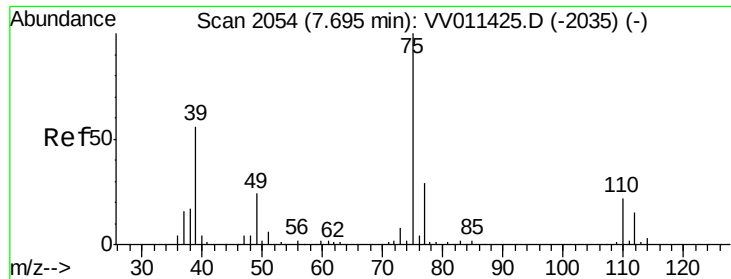
Tgt Ion: 43 Resp: 32094
Ion Ratio Lower Upper
43 100
74 0.2 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011430.D
Acq: 12 Jun 2019 19:48

Tgt Ion: 83 Resp: 12837
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 1.1 40.0 60.0#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011430.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA_V

ClientSampleId :

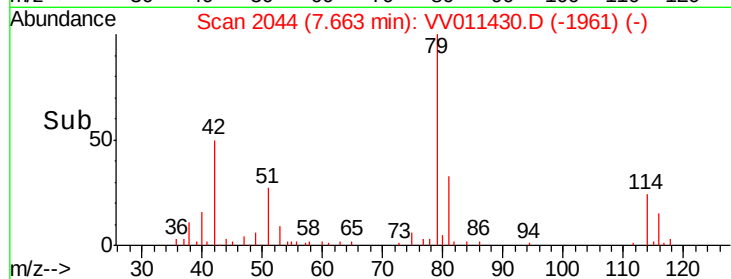
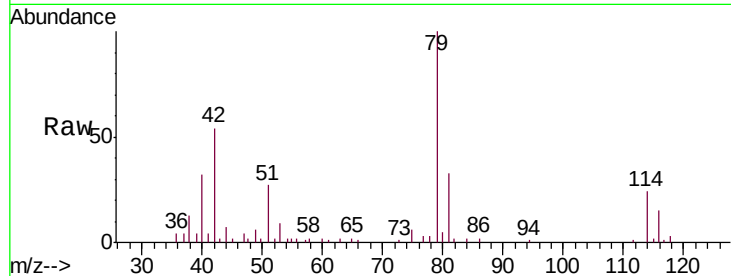
COLZ8

Tgt Ion: 75 Resp: 888

Ion Ratio Lower Upper

75 100

77 0.0 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

