

Data File : VV011490.D
Acq On : 14 Jun 2019 06:19
Operator : SY/MD
Sample : K3313-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ5

Quant Time: Jun 14 07:18:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127799	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45678	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	37507	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	75166	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.98	46	110910	50.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.40	84	85271	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	50464	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.10	84	171319	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	52856	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	145844	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	13822	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	84943	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35130	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	41936	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

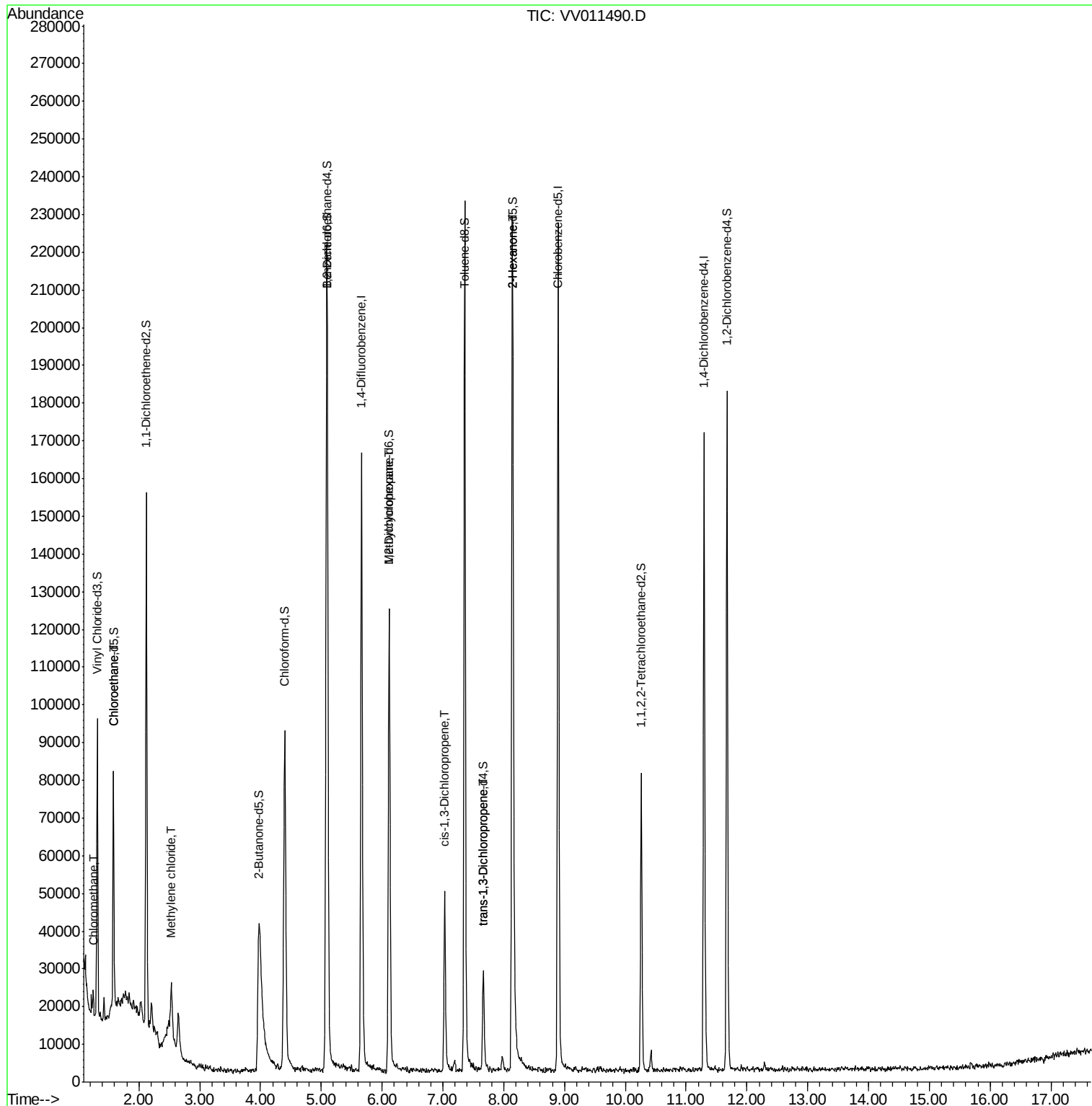
					Qvalue
3) Chloromethane	1.25	50	3901	0.320 ug/L	100
8) Chloroethane	1.59	64	1279	0.170 ug/L #	47
16) Methylene chloride	2.53	84	3170	0.382 ug/L	97
35) Methylcyclohexane	6.12	83	13232	0.850 ug/L #	15
39) cis-1,3-Dichloropropene	7.03	75	1292	0.097 ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	936	0.093 ug/L	100
48) 2-Hexanone	8.14	43	13806	3.429 ug/L #	74

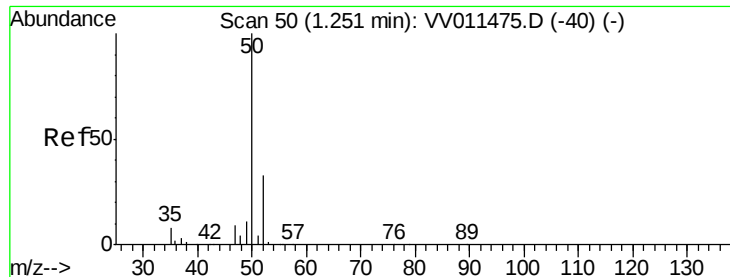
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.320 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011490.D

Acq: 14 Jun 2019 06:19

Instrument :

MSVOA_V

ClientSampleId :

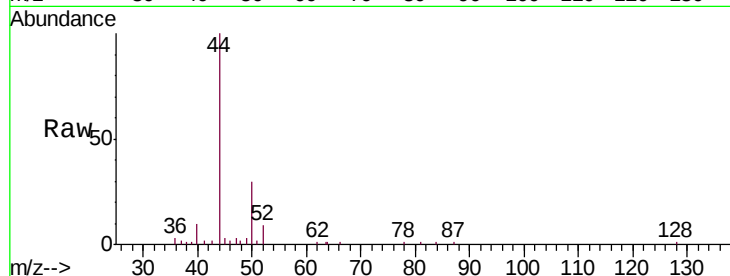
C0LZ5

Tgt Ion: 50 Resp: 3901

Ion Ratio Lower Upper

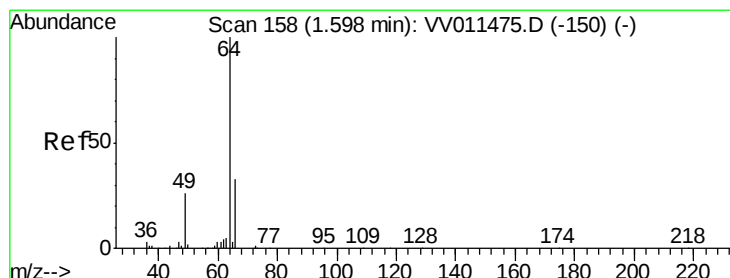
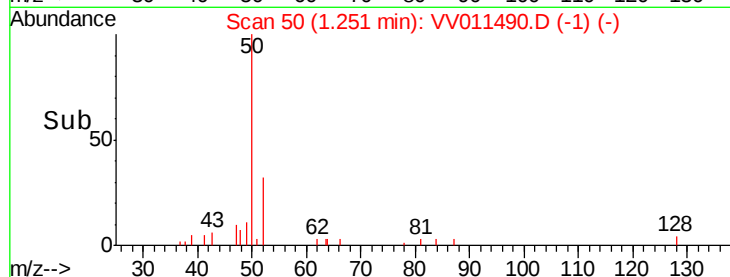
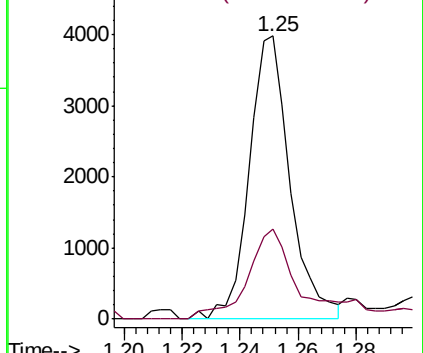
50 100

52 31.7 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011475.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011475.D (-40) (-)



#8

Chloroethane

Concen: 0.170 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV011490.D

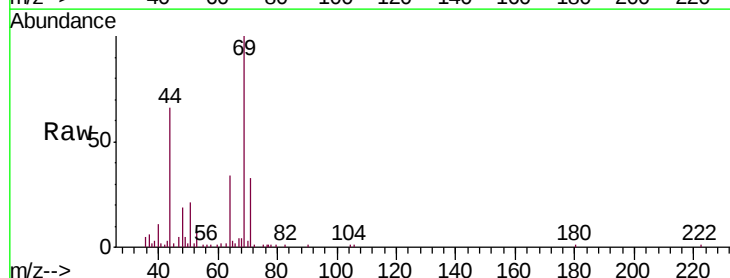
Acq: 14 Jun 2019 06:19

Tgt Ion: 64 Resp: 1279

Ion Ratio Lower Upper

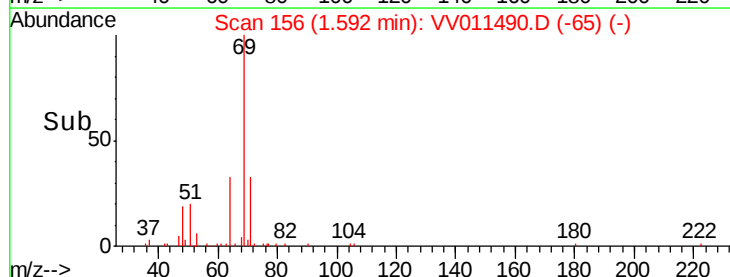
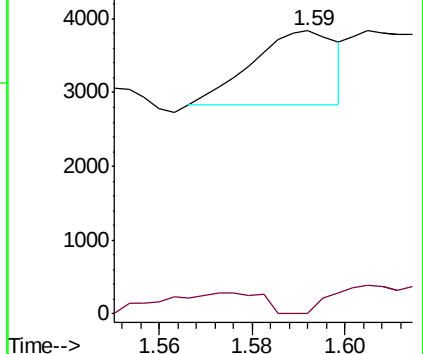
64 100

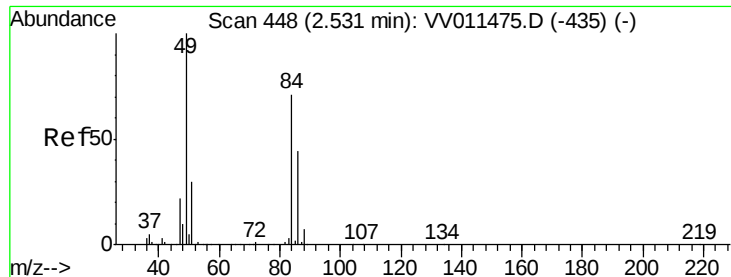
66 0.0 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV011475.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV011475.D (-150) (-)

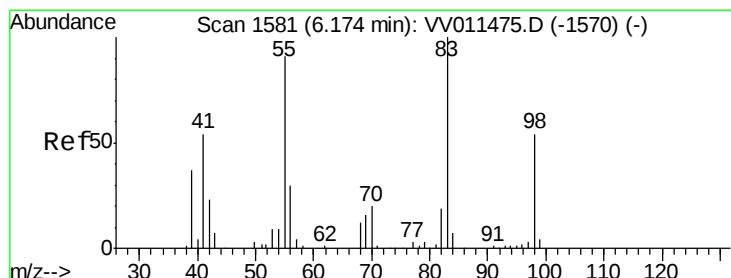
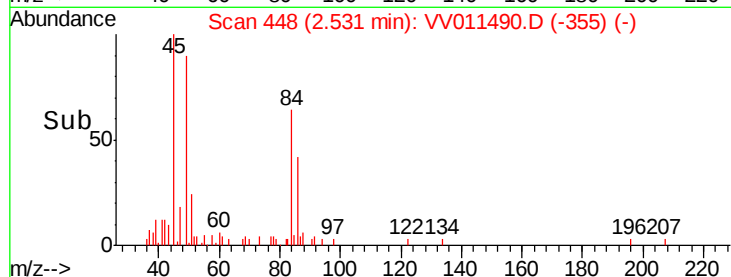
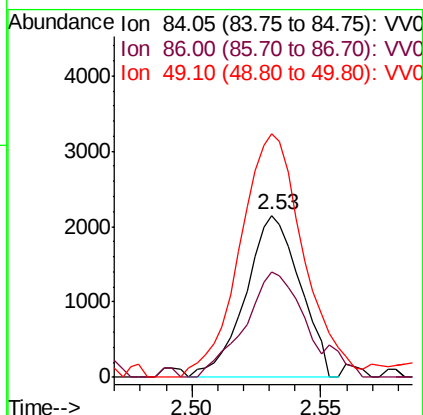
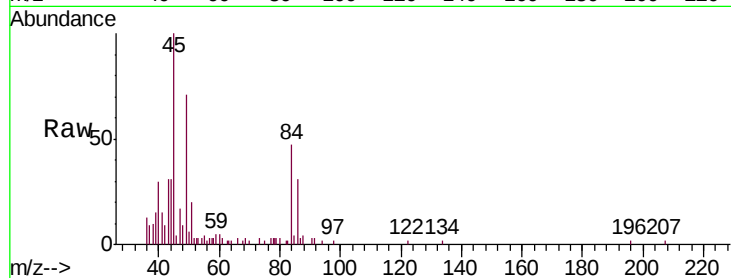




#16
Methylene chloride
Concen: 0.382 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011490.D
Acq: 14 Jun 2019 06:19

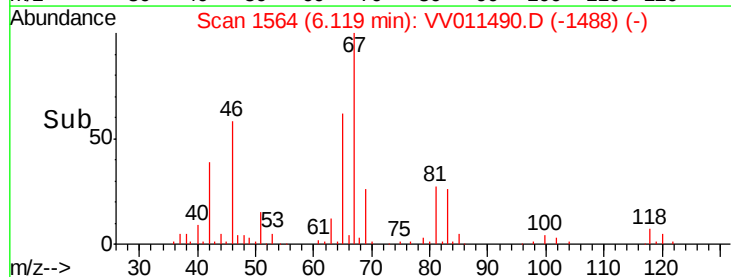
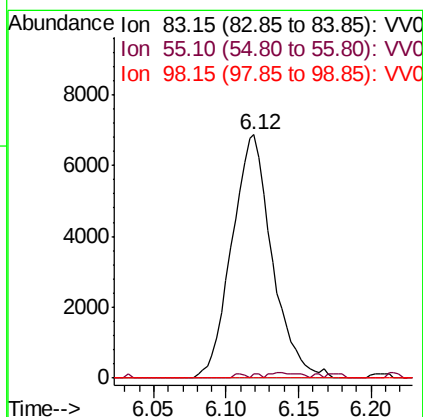
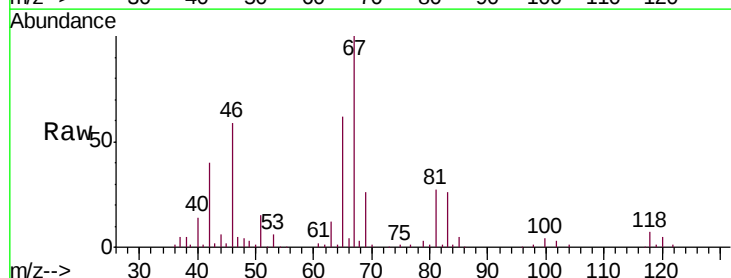
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COLZ5

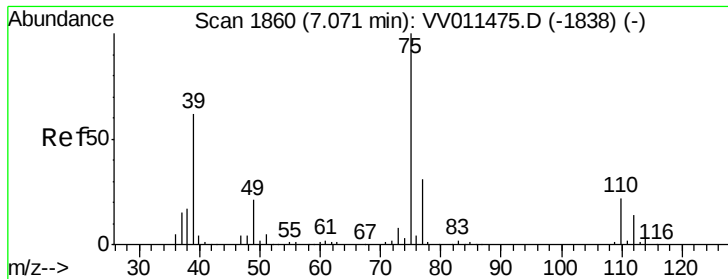
Tgt Ion: 84 Resp: 3170
Ion Ratio Lower Upper
84 100
86 65.2 44.9 83.3
49 150.1 102.1 189.5



#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011490.D
Acq: 14 Jun 2019 06:19

Tgt Ion: 83 Resp: 13232
Ion Ratio Lower Upper
83 100
55 0.3 67.0 100.6#
98 0.0 40.0 60.0#

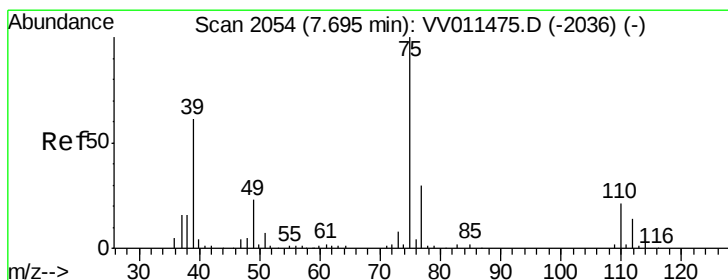
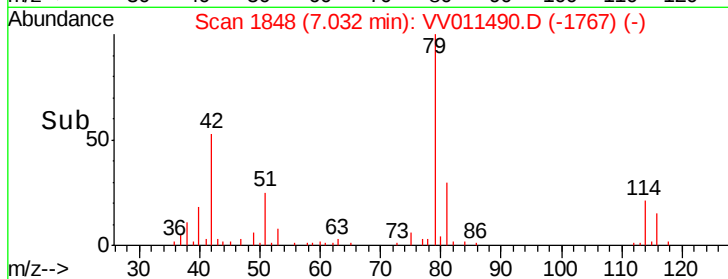
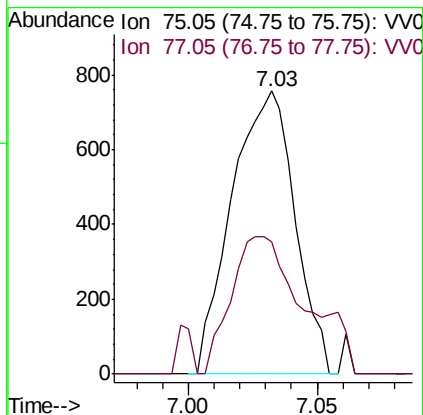
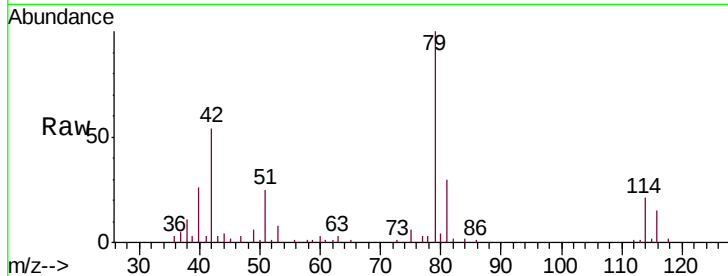




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011490.D
 Acq: 14 Jun 2019 06:19

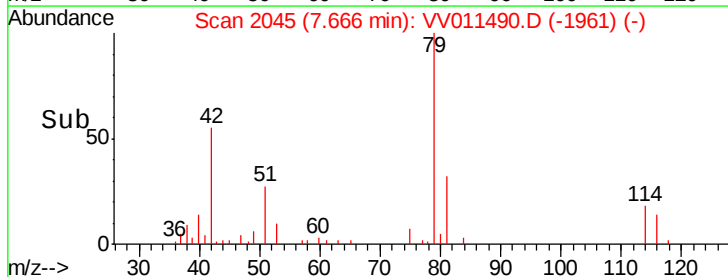
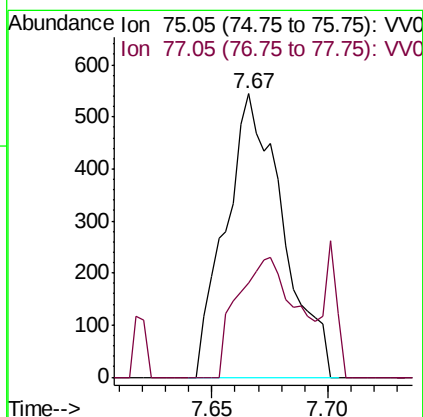
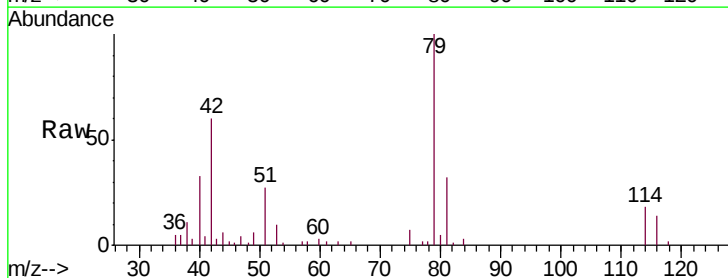
Instrument :
 MSVOA_V
 ClientSampleId :
 COLZ5

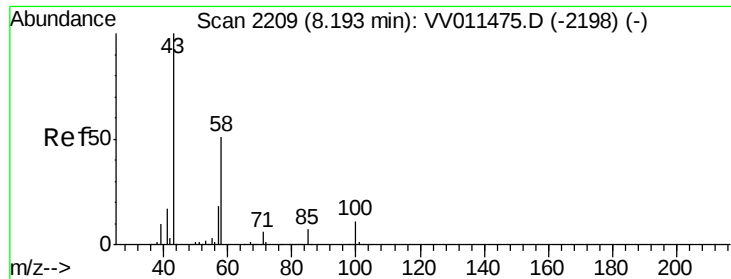
Tgt Ion: 75 Resp: 1292
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011490.D
 Acq: 14 Jun 2019 06:19

Tgt Ion: 75 Resp: 936
 Ion Ratio Lower Upper
 75 100
 77 33.3 23.1 42.9





#48

2-Hexanone

Concen: 3.429 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011490.D

Acq: 14 Jun 2019 06:19

Instrument :
MSVOA_V
ClientSampleId :
COLZ5

Tgt Ion: 43 Resp: 13806

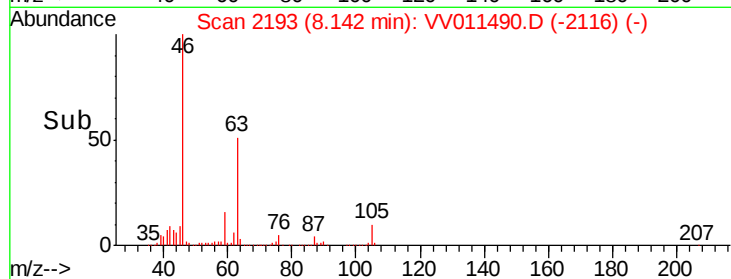
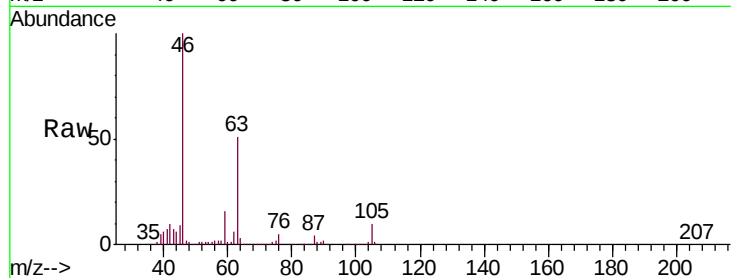
Ion Ratio Lower Upper

43 100

58 29.7 41.4 62.0#

57 23.6 15.0 22.4#

100 0.7 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

