

Data File : VV011433.D
Acq On : 12 Jun 2019 21:19
Operator : SY/MD
Sample : K3310-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM01

Quant Time: Jun 13 02:37:28 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	141503	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46625	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33829	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.58	69	29699	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	2.12	63	60507	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.97	46	113074	46.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.68%
24) Chloroform-d	4.40	84	79881	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.08	65	45864	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.09	84	155607	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.12	67	50308	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	133381	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.67	79	13720	3.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.14	63	82794	44.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34081	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	41928	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

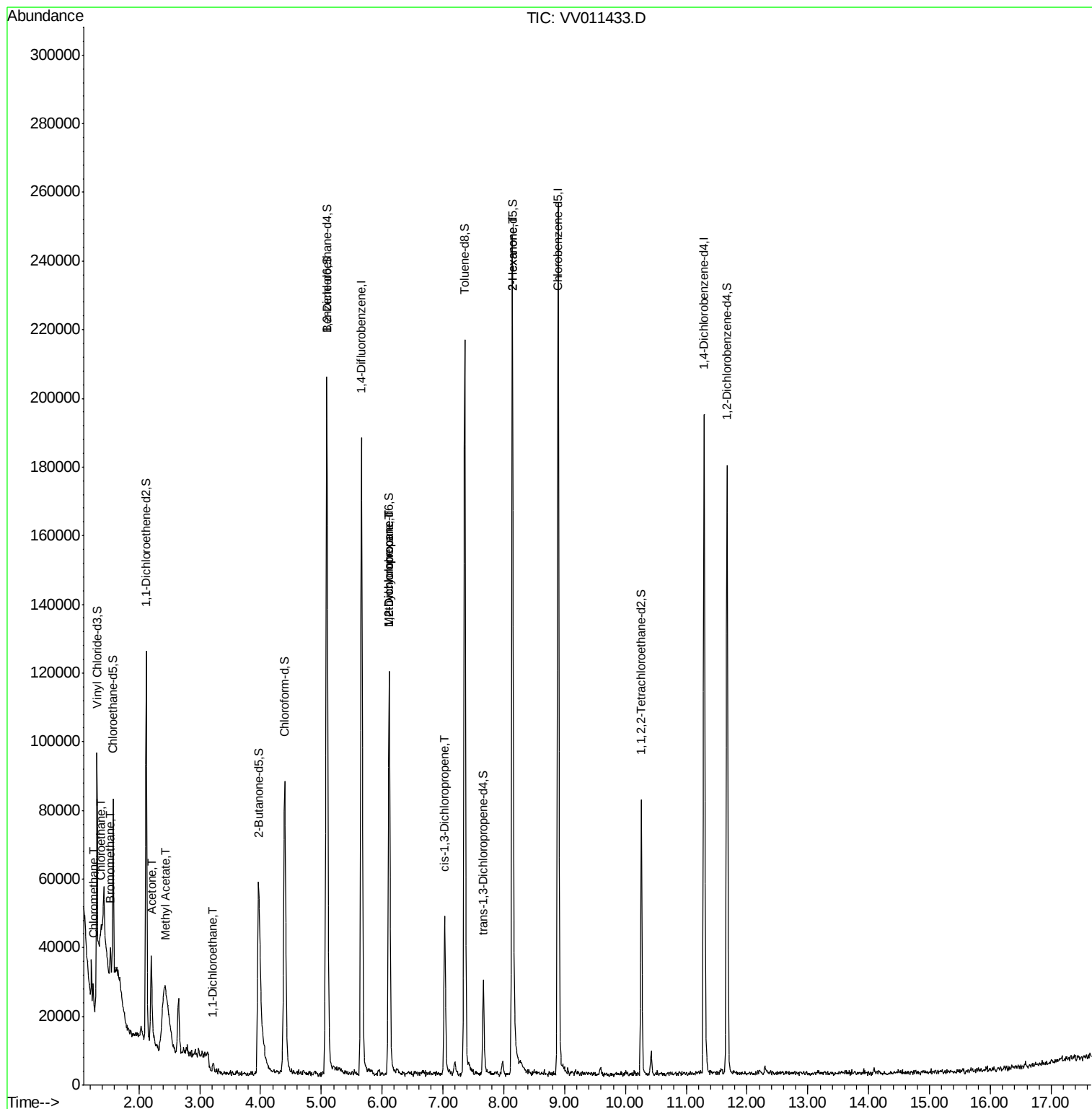
					Qvalue
3) Chloromethane	1.25	50	4952	0.367 ug/L	91
6) Bromomethane	1.53	94	3632	0.536 ug/L	91
8) Chloroethane	1.38	64	39216	4.714 ug/L #	58
13) Acetone	2.22	43	4412	2.726 ug/L	78
15) Methyl Acetate	2.44	43	2778	0.646 ug/L #	61
19) 1,1-Dichloroethane	3.22	63	2050	0.104 ug/L #	84
35) Methylcyclohexane	6.12	83	12482	0.732 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6529	0.658 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1431	0.099 ug/L #	70
48) 2-Hexanone	8.14	43	11286	2.559 ug/L #	72

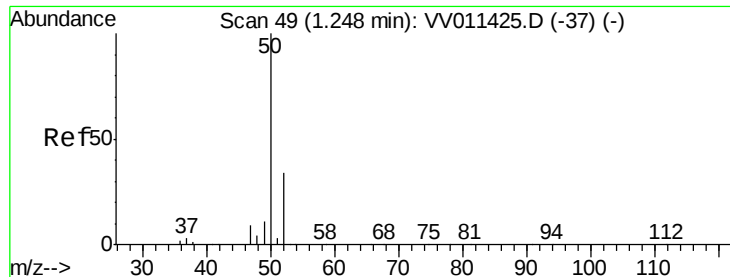
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.367 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011433.D

Acq: 12 Jun 2019 21:19

Instrument :

MSVOA_V

ClientSampled :

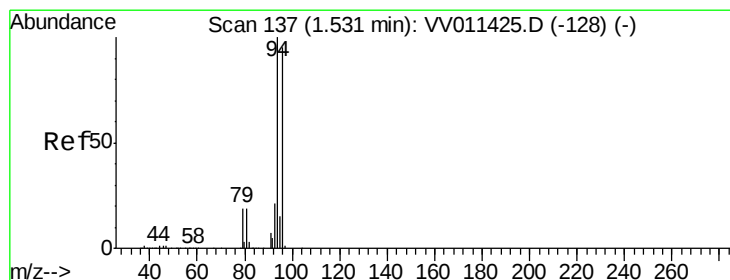
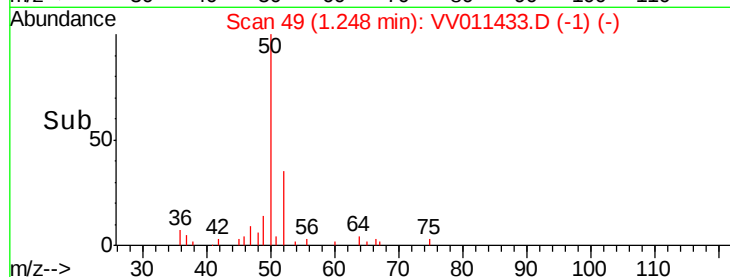
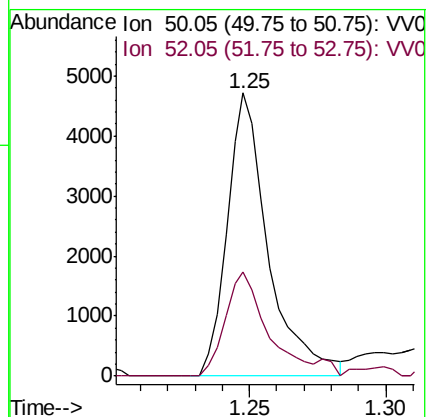
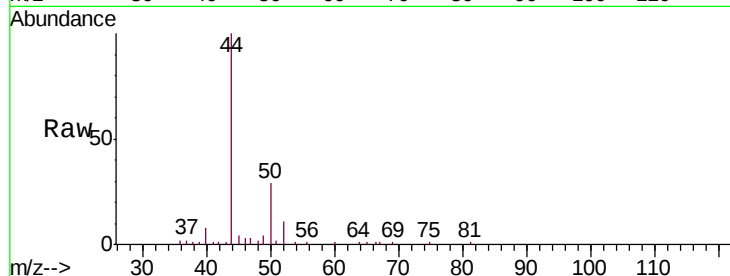
COM01

Tgt Ion: 50 Resp: 4952

Ion Ratio Lower Upper

50 100

52 36.9 22.3 41.5



#6

Bromomethane

Concen: 0.536 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011433.D

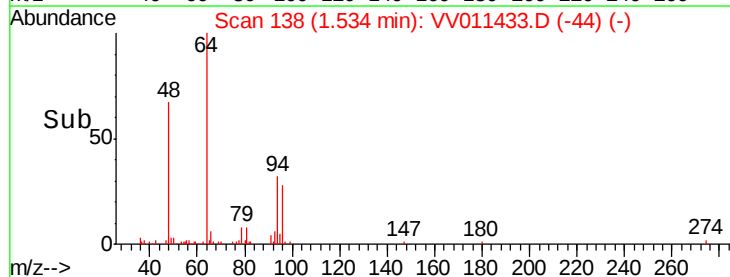
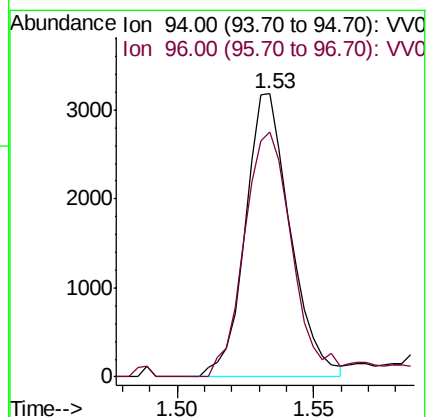
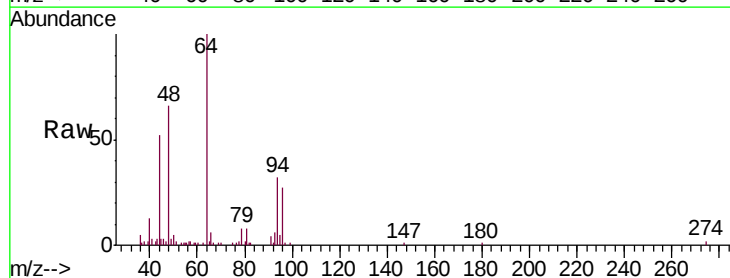
Acq: 12 Jun 2019 21:19

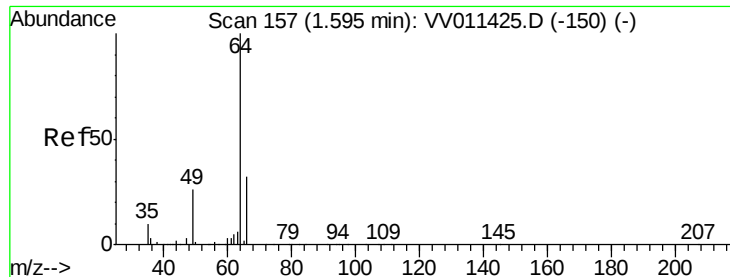
Tgt Ion: 94 Resp: 3632

Ion Ratio Lower Upper

94 100

96 86.5 67.0 124.4





#8

Chloroethane

Concen: 4.714 ug/L

RT: 1.38 min Scan# 91

Delta R.T. -0.21 min

Lab File: VV011433.D

Acq: 12 Jun 2019 21:19

Instrument :

MSVOA_V

ClientSampled :

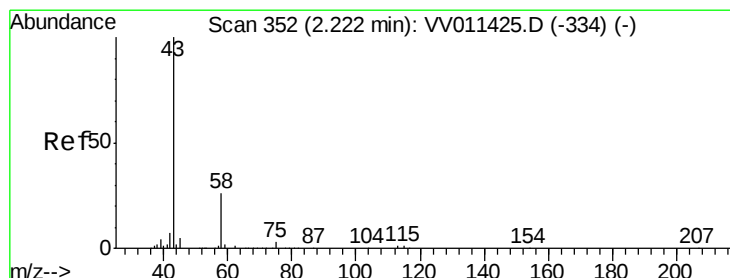
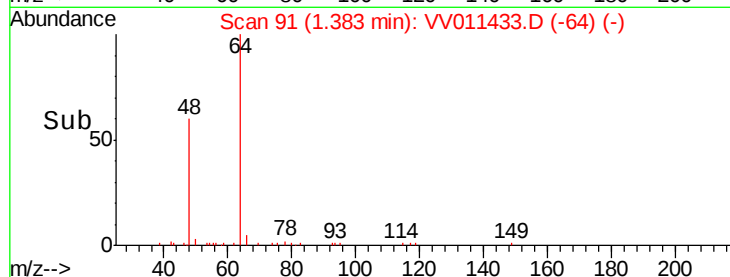
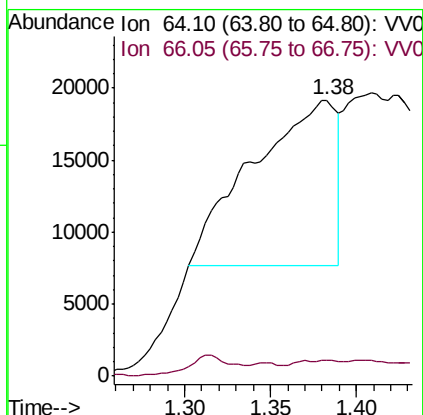
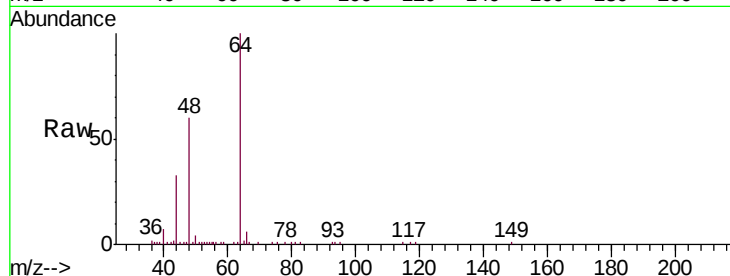
COM01

Tgt Ion: 64 Resp: 39216

Ion Ratio Lower Upper

64 100

66 5.9 19.4 36.0#



#13

Acetone

Concen: 2.726 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV011433.D

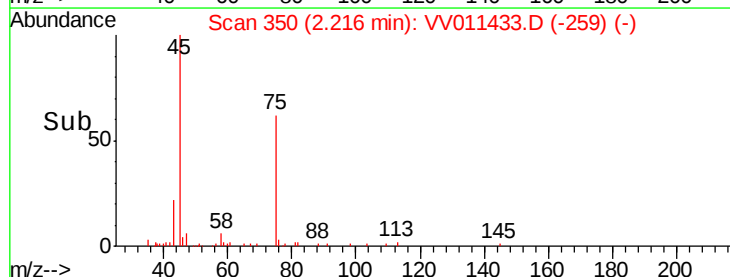
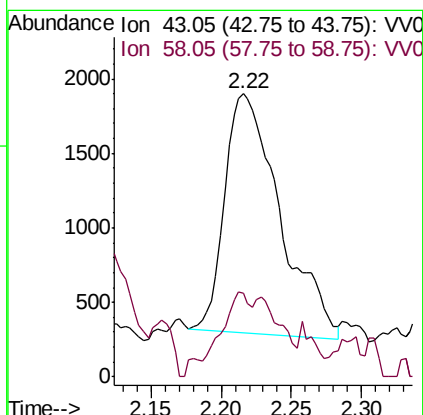
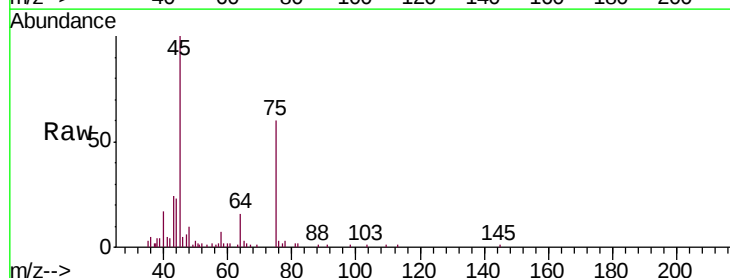
Acq: 12 Jun 2019 21:19

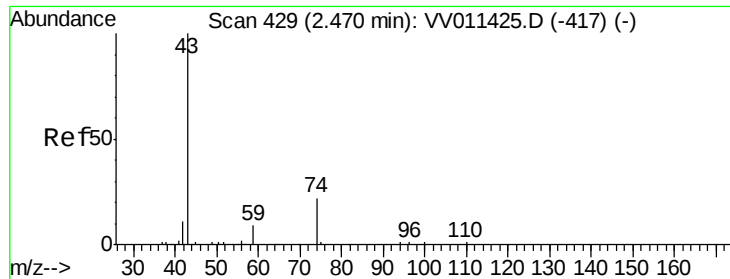
Tgt Ion: 43 Resp: 4412

Ion Ratio Lower Upper

43 100

58 16.1 0.0 55.2

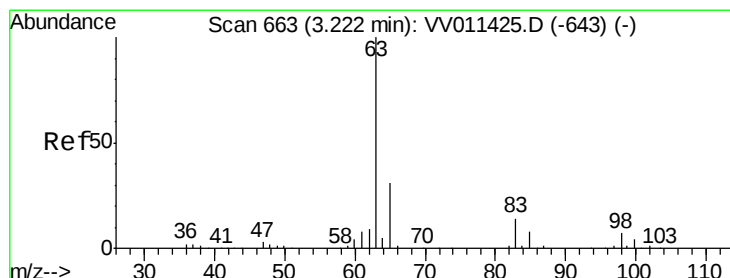
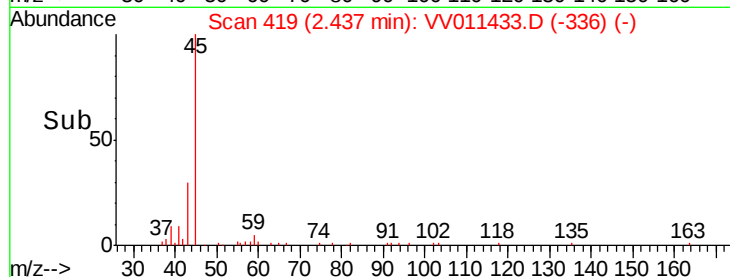
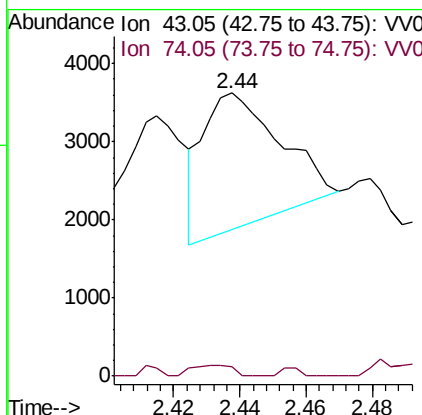
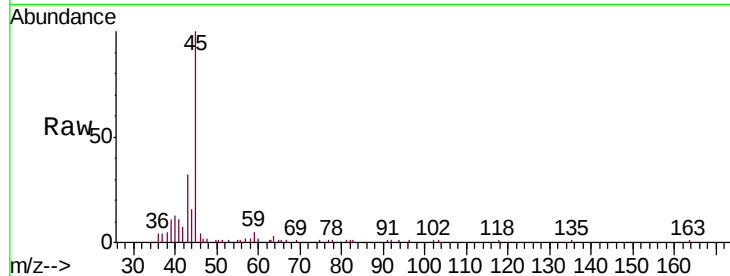




#15
Methyl Acetate
Concen: 0.646 ug/L
RT: 2.44 min Scan# 419
Delta R.T. -0.03 min
Lab File: VV011433.D
Acq: 12 Jun 2019 21:19

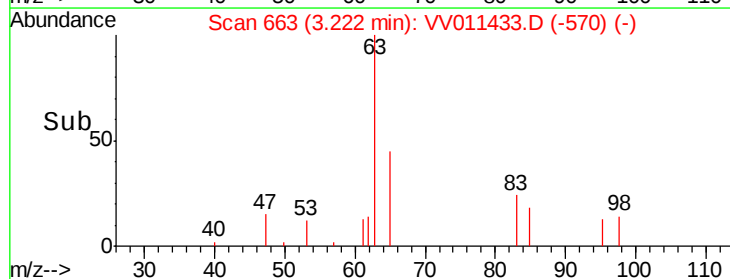
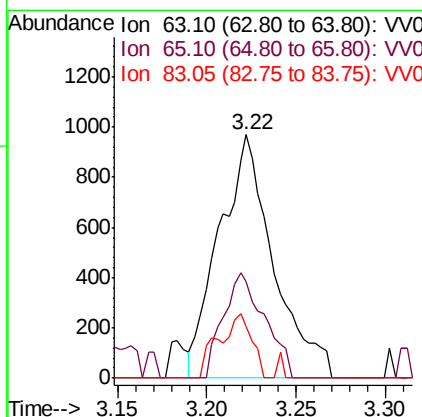
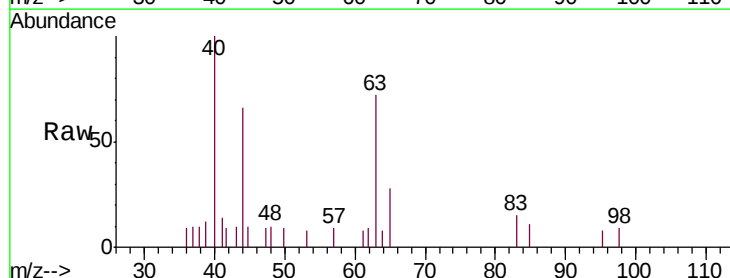
Instrument :
MSVOA_V
ClientSampleId :
COM01

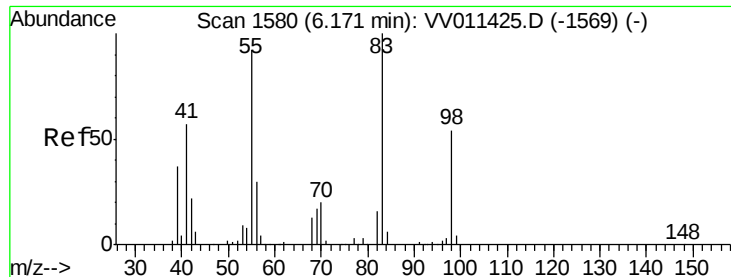
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
74 4.4 18.5 27.7#



#19
1,1-Dichloroethane
Concen: 0.104 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV011433.D
Acq: 12 Jun 2019 21:19

Tgt Ion: 63 Resp: 2050
Ion Ratio Lower Upper
63 100
65 39.4 22.1 41.1
83 21.0 9.2 17.0#

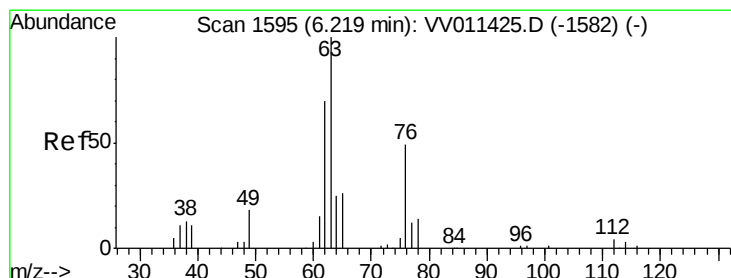
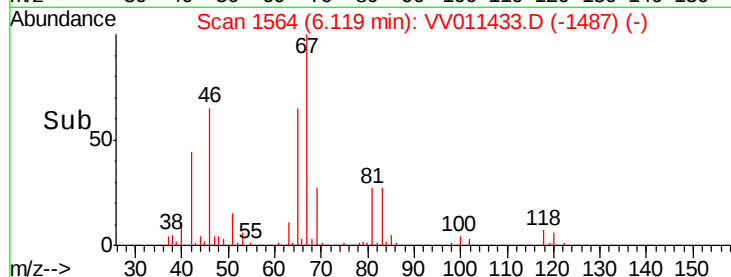
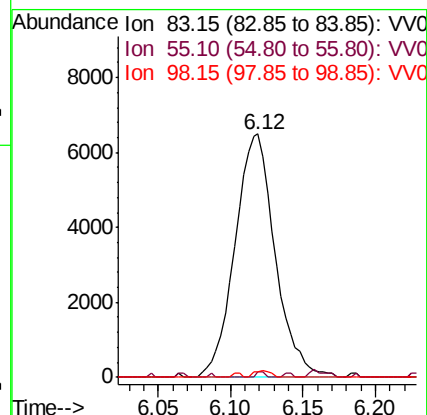
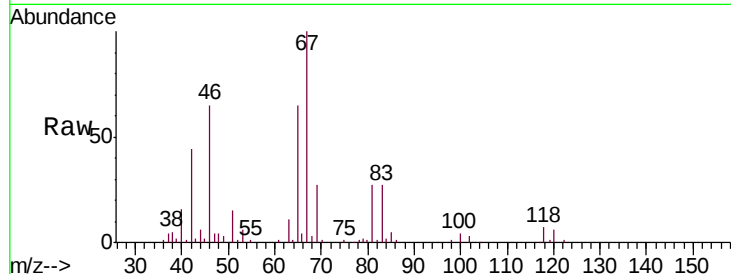




#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011433.D
Acq: 12 Jun 2019 21:19

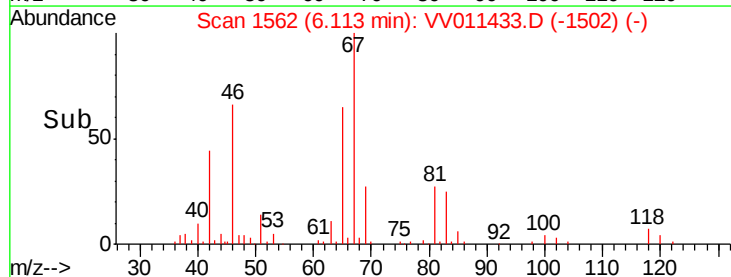
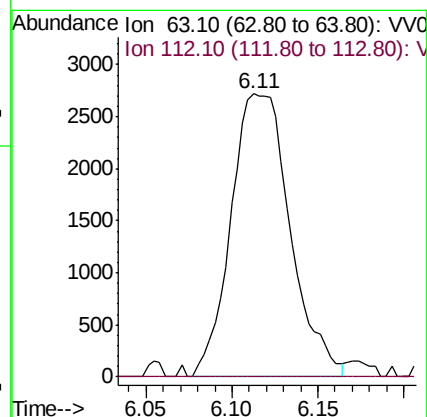
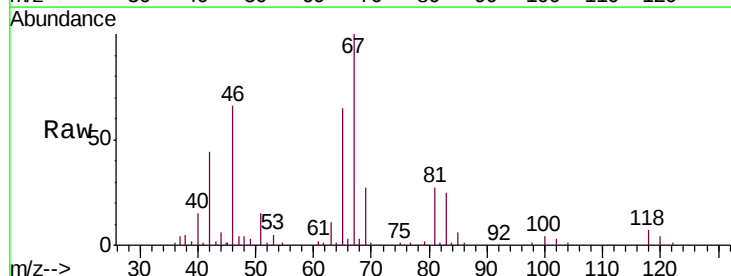
Instrument :
MSVOA_V
ClientSampleId :
COM01

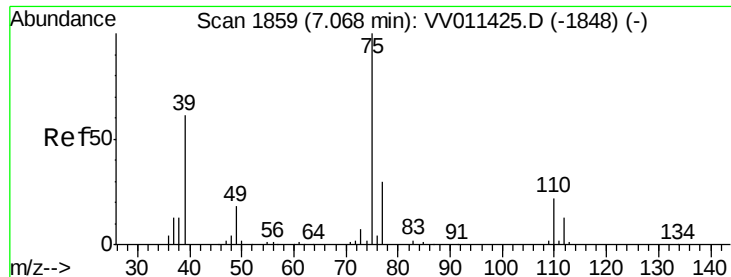
Tgt Ion: 83 Resp: 12482
Ion Ratio Lower Upper
83 100
55 0.4 67.0 100.6#
98 1.1 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011433.D
Acq: 12 Jun 2019 21:19

Tgt Ion: 63 Resp: 6529
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011433.D

Acq: 12 Jun 2019 21:19

Instrument :

MSVOA_V

ClientSampled :

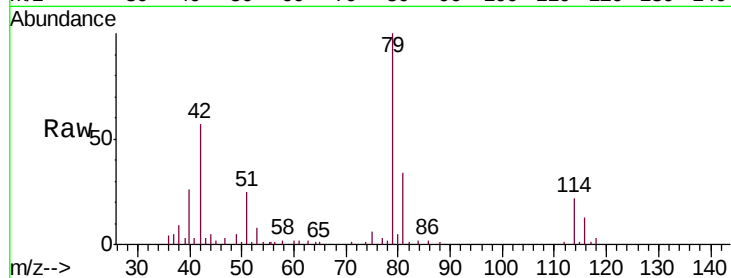
COM01

Tgt Ion: 75 Resp: 1431

Ion Ratio Lower Upper

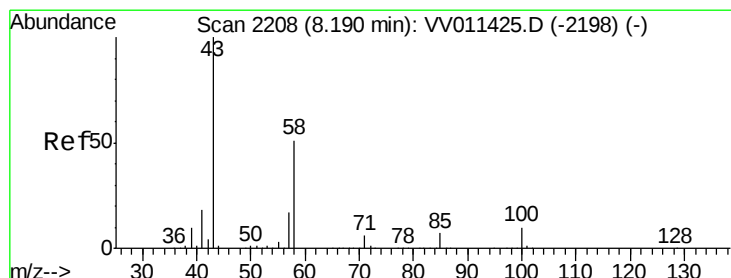
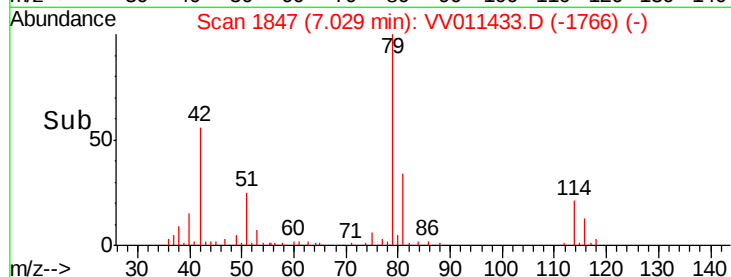
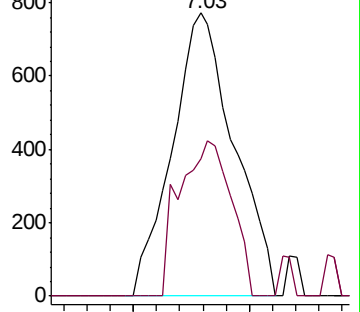
75 100

77 48.6 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.559 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011433.D

Acq: 12 Jun 2019 21:19

Tgt Ion: 43 Resp: 11286

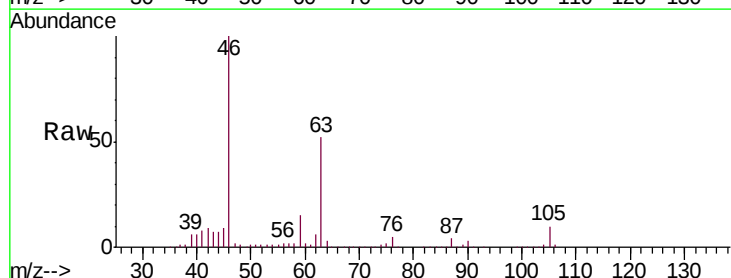
Ion Ratio Lower Upper

43 100

58 31.2 41.4 62.0#

57 31.7 15.0 22.4#

100 2.5 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

