

Data File : VV011434.D
Acq On : 12 Jun 2019 21:49
Operator : SY/MD
Sample : K3310-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM02

Quant Time: Jun 13 02:37:37 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	137131	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46399	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32159	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.58	69	27076	3.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.60%#
11) 1,1-Dichloroethene-d2	2.12	63	57697	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	3.97	46	114531	48.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.40	84	77793	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.08	65	45461	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.09	84	150601	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.12	67	47758	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.36	98	129935	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.66	79	13361	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.14	63	80488	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33679	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	42214	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

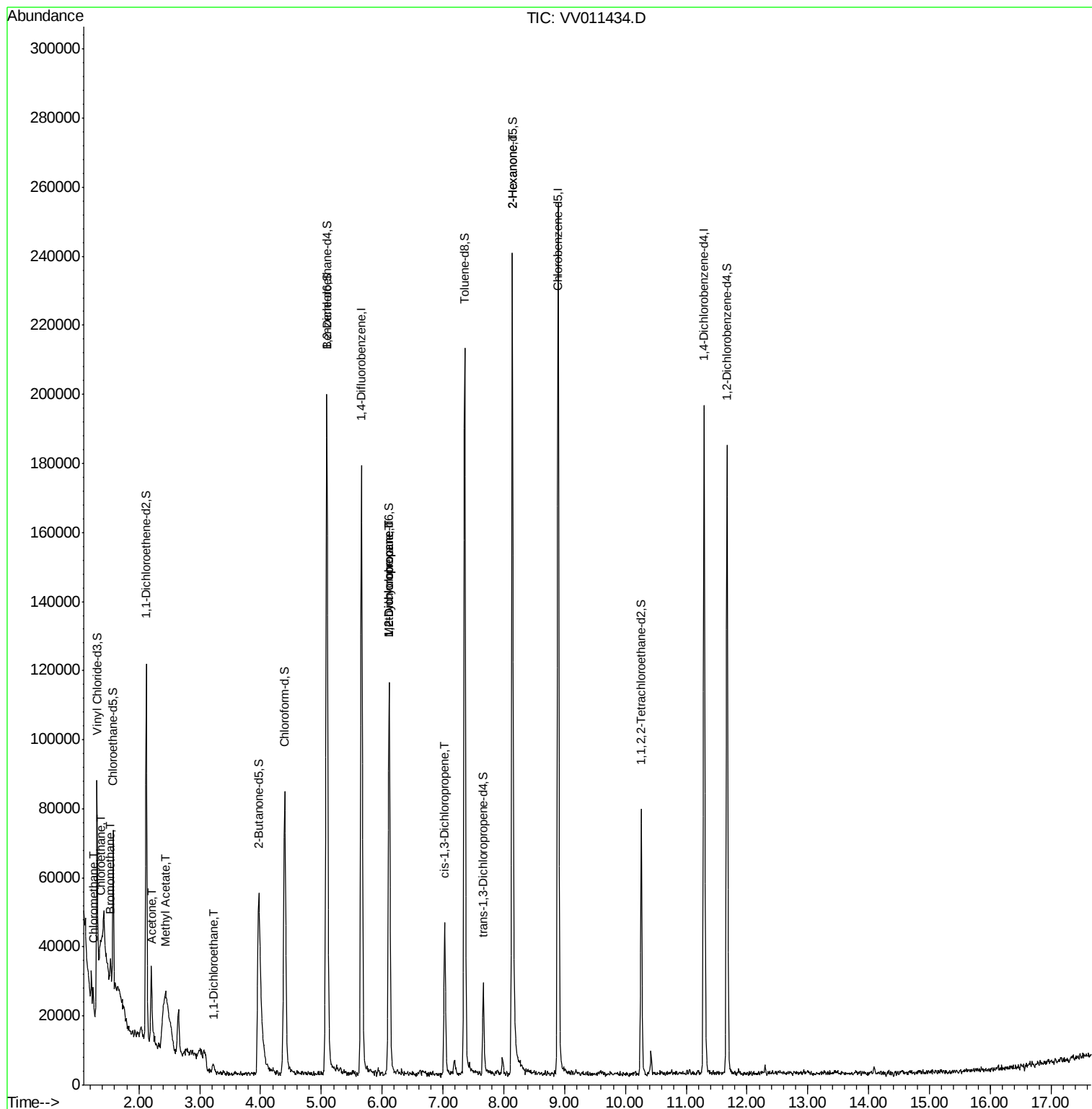
					Qvalue
3) Chloromethane	1.25	50	4810	0.368 ug/L	93
6) Bromomethane	1.53	94	2949	0.449 ug/L	93
8) Chloroethane	1.37	64	37122	4.604 ug/L #	55
13) Acetone	2.22	43	4617	2.944 ug/L	77
15) Methyl Acetate	2.42	43	7218	1.733 ug/L #	54
19) 1,1-Dichloroethane	3.22	63	2132	0.112 ug/L #	89
35) Methylcyclohexane	6.12	83	12132	0.710 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	6785	0.682 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1288	0.088 ug/L #	64
48) 2-Hexanone	8.14	43	11763	2.660 ug/L #	73

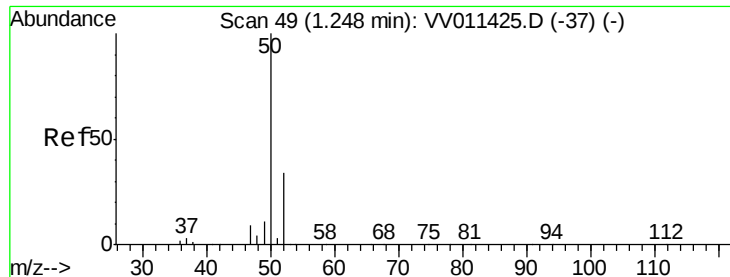
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.368 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011434.D

Acq: 12 Jun 2019 21:49

Instrument :

MSVOA_V

ClientSampleId :

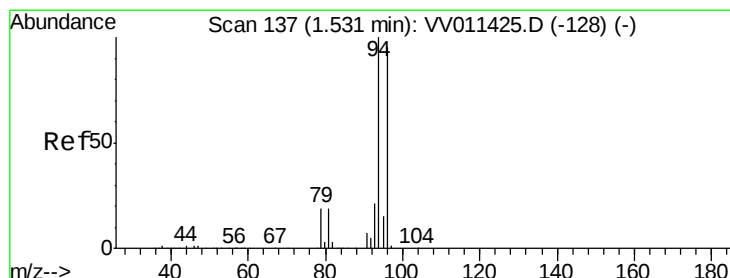
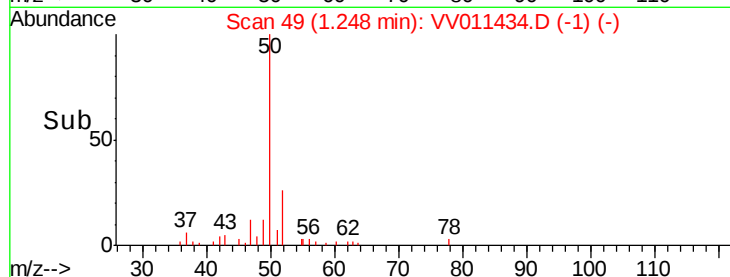
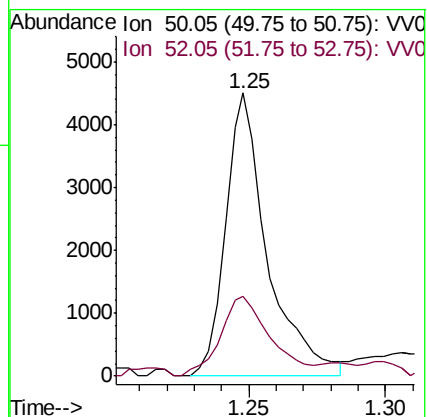
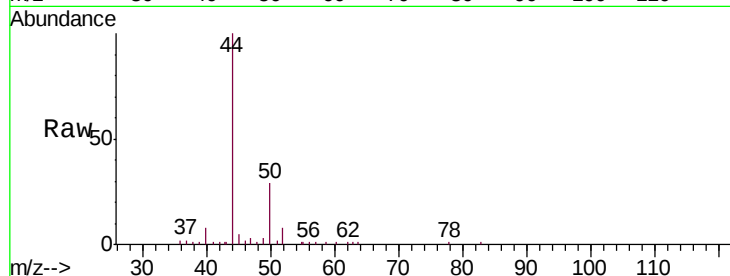
COM02

Tgt Ion: 50 Resp: 4810

Ion Ratio Lower Upper

50 100

52 28.2 22.3 41.5



#6

Bromomethane

Concen: 0.449 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011434.D

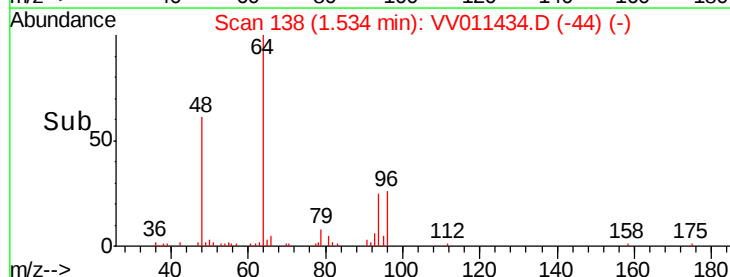
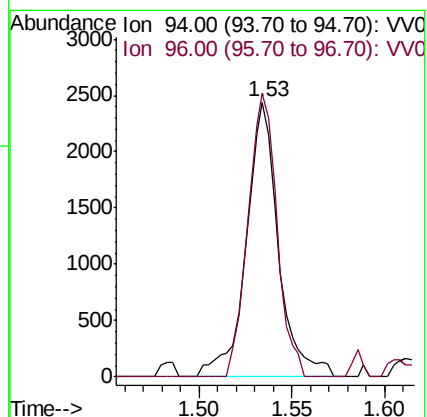
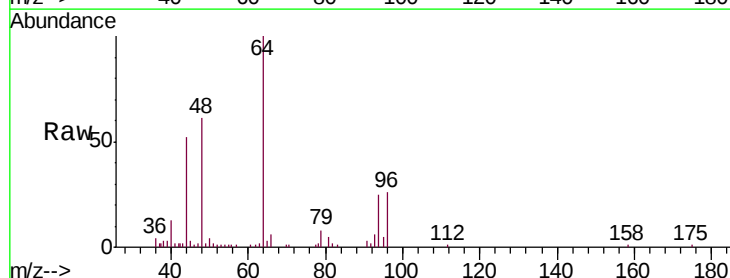
Acq: 12 Jun 2019 21:49

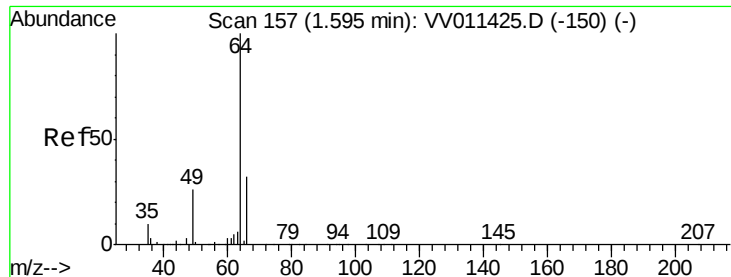
Tgt Ion: 94 Resp: 2949

Ion Ratio Lower Upper

94 100

96 102.9 67.0 124.4





#8

Chloroethane

Concen: 4.604 ug/L

RT: 1.37 min Scan# 88

Delta R.T. -0.22 min

Lab File: VV011434.D

Acq: 12 Jun 2019 21:49

Instrument :

MSVOA_V

ClientSampled :

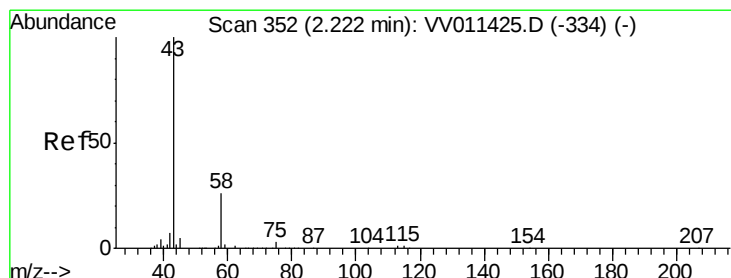
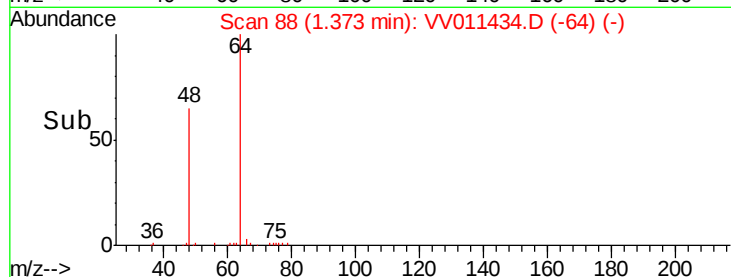
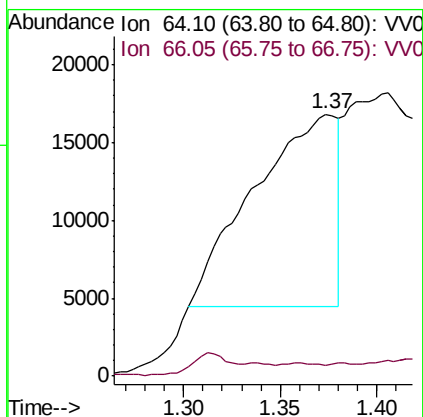
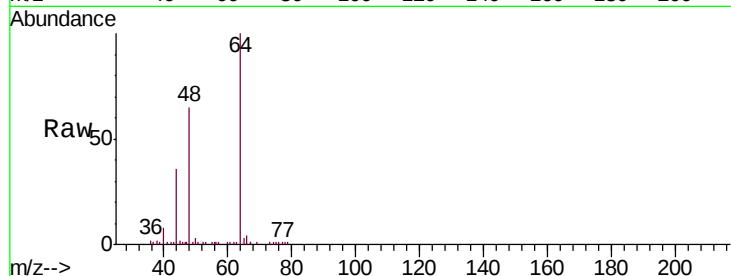
COM02

Tgt Ion: 64 Resp: 37122

Ion Ratio Lower Upper

64 100

66 4.3 19.4 36.0#



#13

Acetone

Concen: 2.944 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV011434.D

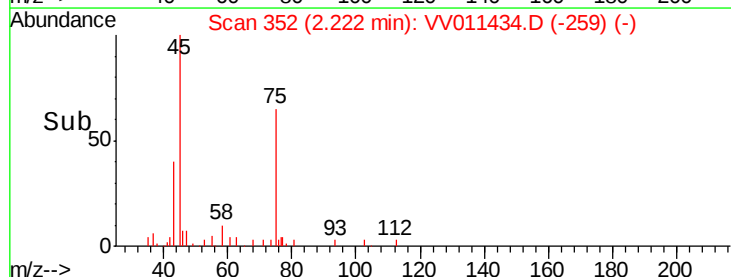
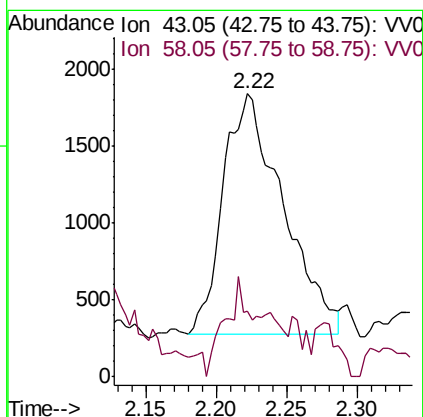
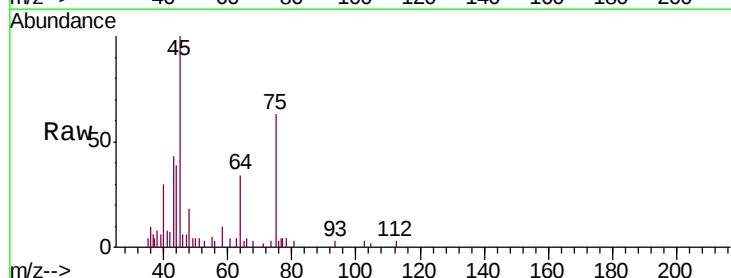
Acq: 12 Jun 2019 21:49

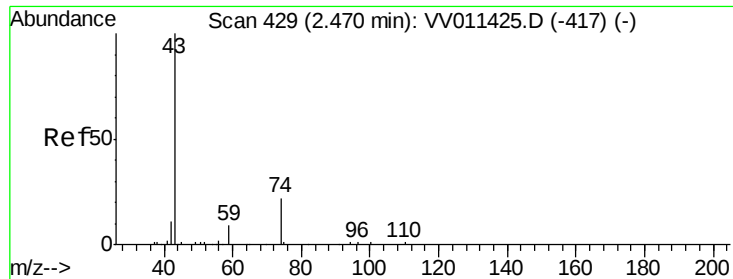
Tgt Ion: 43 Resp: 4617

Ion Ratio Lower Upper

43 100

58 15.7 0.0 55.2





#15

Methyl Acetate

Concen: 1.733 ug/L

RT: 2.42 min Scan# 415

Delta R.T. -0.05 min

Lab File: VV011434.D

Acq: 12 Jun 2019 21:49

Instrument :

MSVOA_V

ClientSampled :

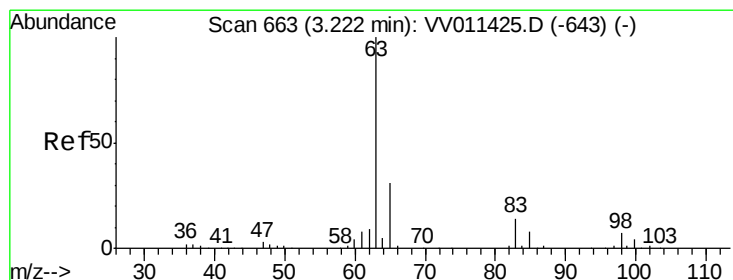
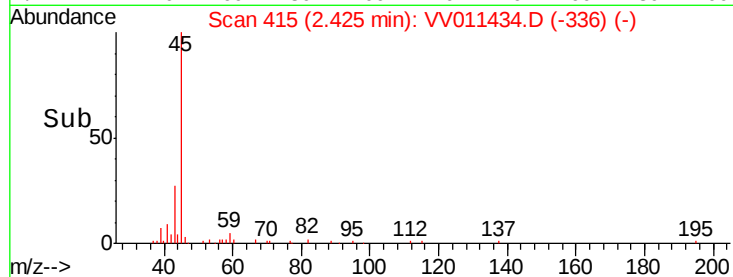
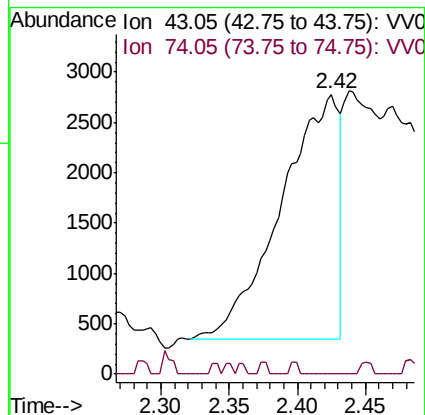
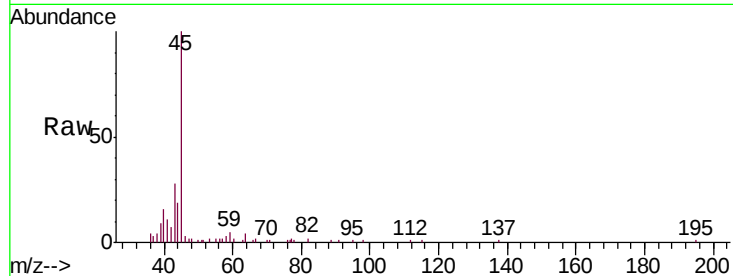
COM02

Tgt Ion: 43 Resp: 7218

Ion Ratio Lower Upper

43 100

74 0.9 18.5 27.7#



#19

1,1-Dichloroethane

Concen: 0.112 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.00 min

Lab File: VV011434.D

Acq: 12 Jun 2019 21:49

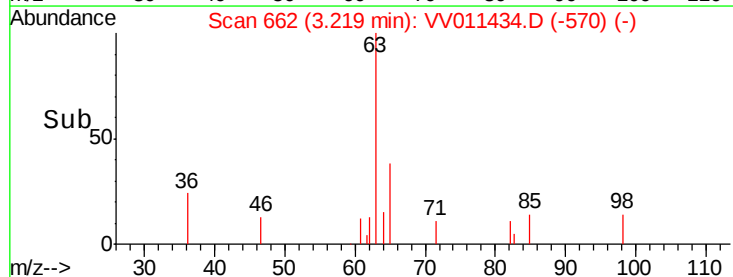
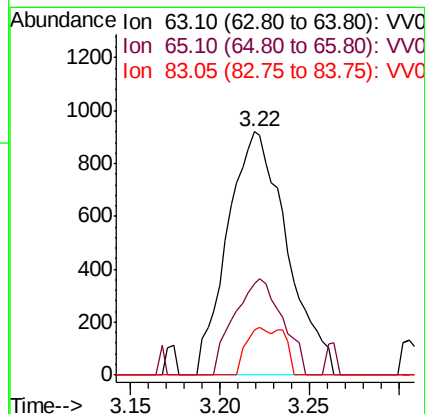
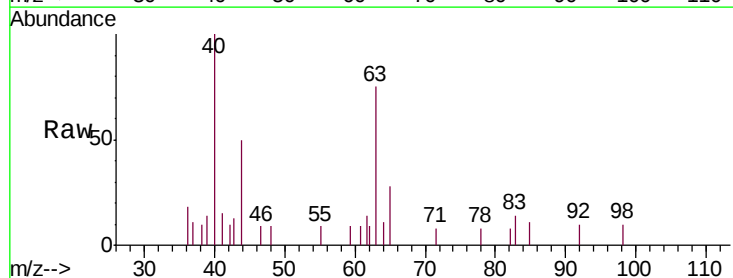
Tgt Ion: 63 Resp: 2132

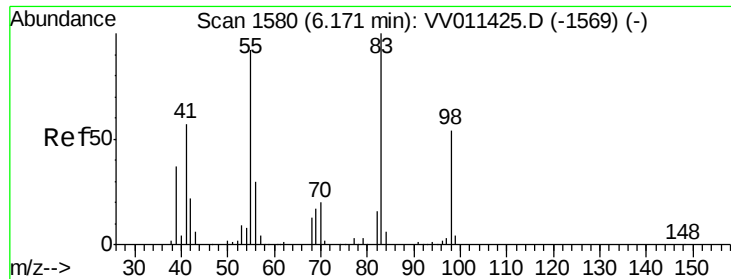
Ion Ratio Lower Upper

63 100

65 37.6 22.1 41.1

83 18.3 9.2 17.0#

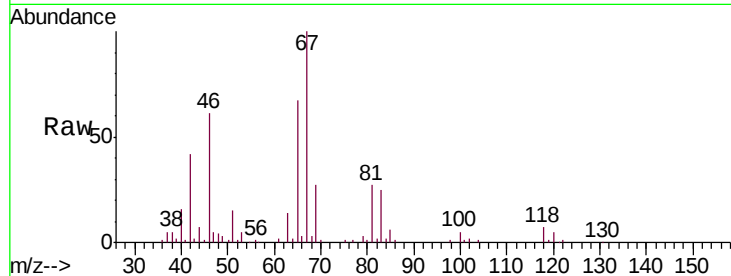




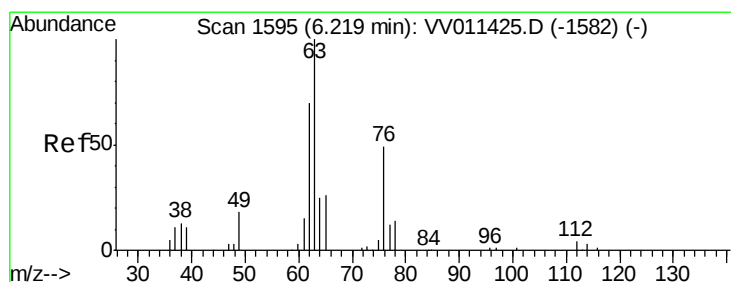
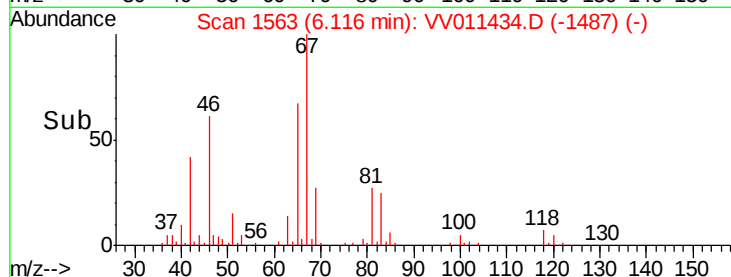
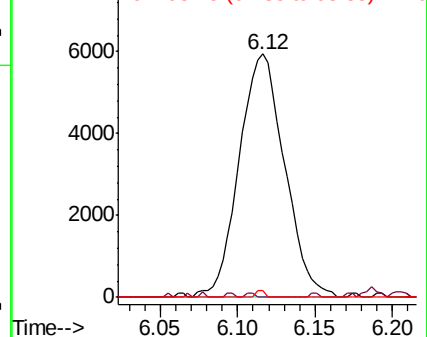
#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011434.D
Acq: 12 Jun 2019 21:49

Instrument :
MSVOA_V
ClientSampleId :
COM02

Tgt Ion: 83 Resp: 12132
Ion Ratio Lower Upper
83 100
55 0.3 67.0 100.6#
98 0.5 40.0 60.0#

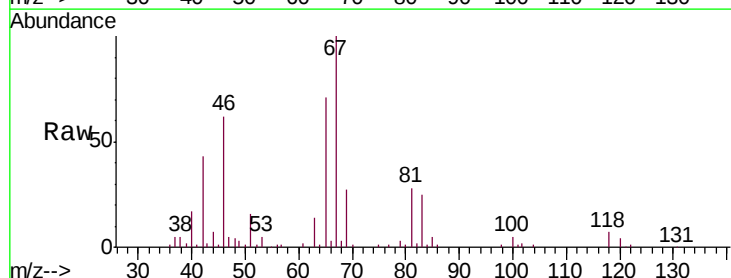


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

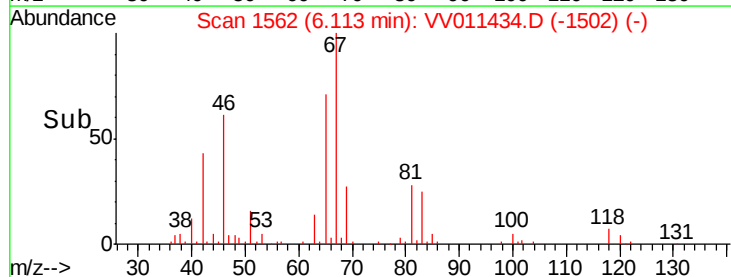
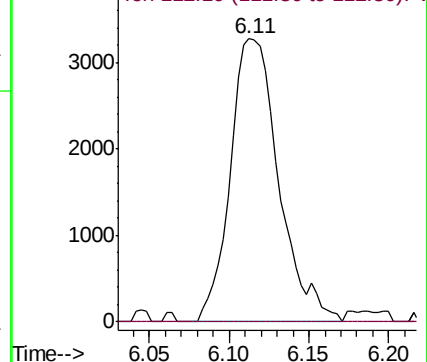


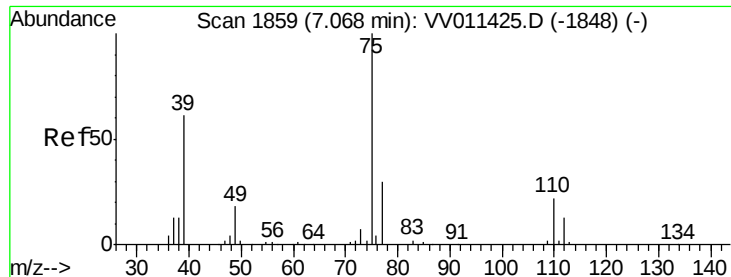
#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011434.D
Acq: 12 Jun 2019 21:49

Tgt Ion: 63 Resp: 6785
Ion Ratio Lower Upper
63 100
112 0.7 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011434.D

Acq: 12 Jun 2019 21:49

Instrument :

MSVOA_V

ClientSampleId :

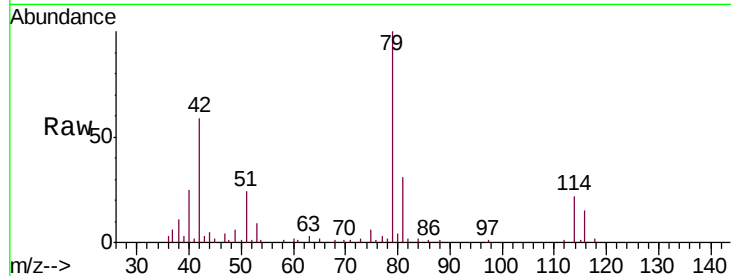
COM02

Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

77 51.8 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

800

600

400

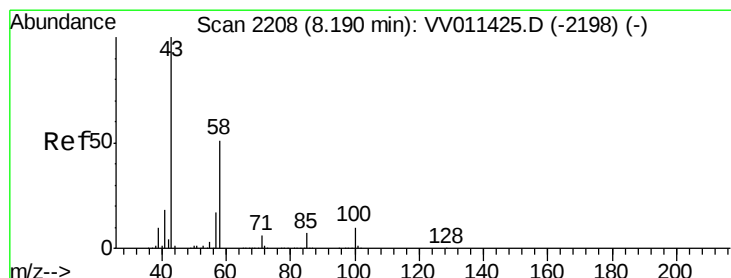
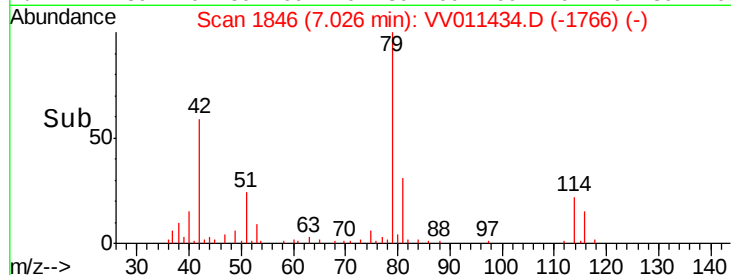
200

0

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 2.660 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011434.D

Acq: 12 Jun 2019 21:49

Tgt Ion: 43 Resp: 11763

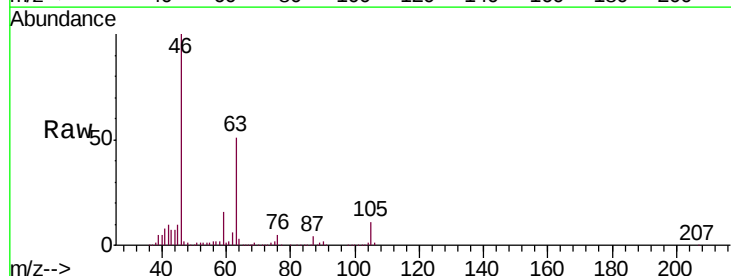
Ion Ratio Lower Upper

43 100

58 31.9 41.4 62.0#

57 29.6 15.0 22.4#

100 0.8 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

8000

6000

4000

2000

0

8.10

8.15

8.20

Time-->

