

Data File : VV011460.D
Acq On : 13 Jun 2019 15:02
Operator : SY/MD
Sample : K3314-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM17

Quant Time: Jun 14 04:41:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138579	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31025	2.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.00%
7) Chloroethane-d5	1.58	69	30154	3.45	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.12	63	55932	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	3.97	46	124503	52.67	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	4.40	84	79054	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	47396	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	155318	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.12	67	49565	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	130531	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.67	79	13421	3.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.60%
46) 2-Hexanone-d5	8.14	63	89471	49.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35833	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	41729	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

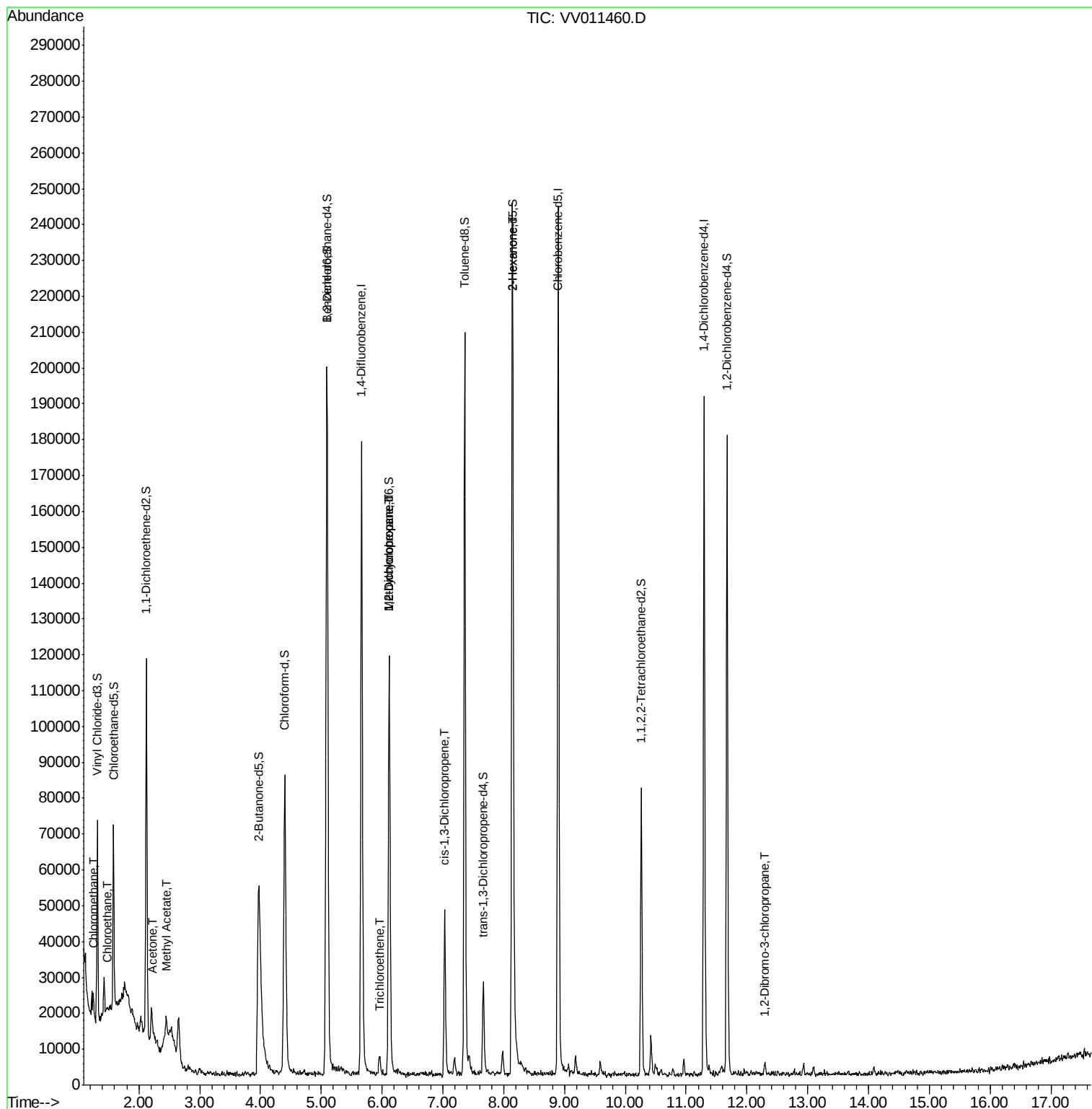
						Qvalue
3) Chloromethane	1.25	50	4058	0.307	ug/L	95
8) Chloroethane	1.48	64	1398	0.172	ug/L #	61
13) Acetone	2.23	43	4606	2.906	ug/L	80
15) Methyl Acetate	2.45	43	3146	0.747	ug/L #	55
34) Trichloroethene	5.96	95	1371	0.137	ug/L	84
35) Methylcyclohexane	6.12	83	12602	0.759	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	6753	0.699	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1399	0.099	ug/L #	68
48) 2-Hexanone	8.14	43	13779	3.209	ug/L #	70
66) 1,2-Dibromo-3-chloropropan	12.29	75	187	0.190	ug/L #	8

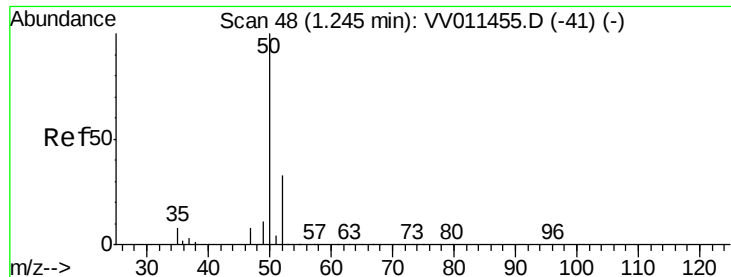
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.307 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011460.D

Acq: 13 Jun 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

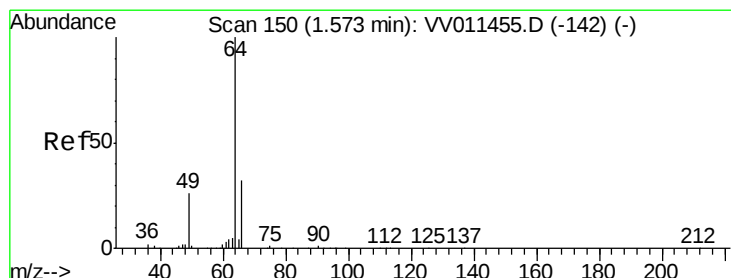
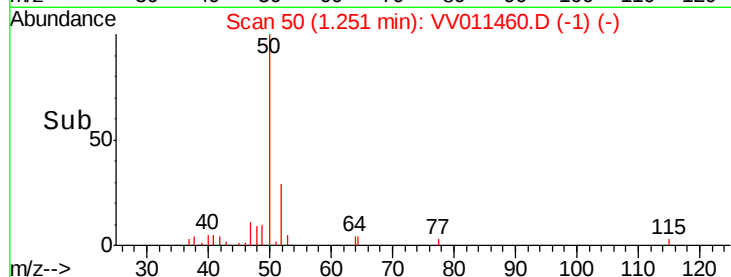
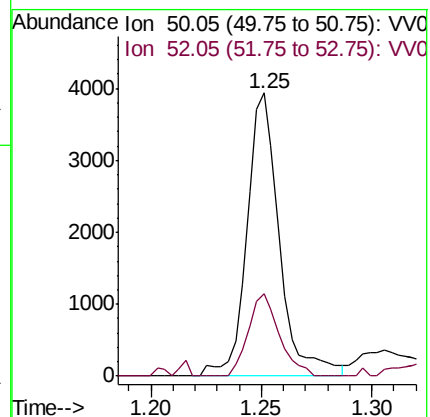
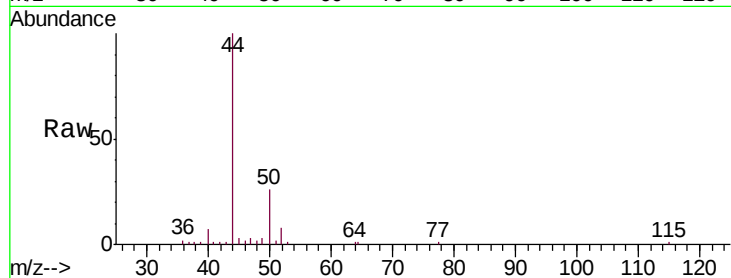
COM17

Tgt Ion: 50 Resp: 4058

Ion Ratio Lower Upper

50 100

52 29.1 22.3 41.5



#8

Chloroethane

Concen: 0.172 ug/L

RT: 1.48 min Scan# 120

Delta R.T. -0.10 min

Lab File: VV011460.D

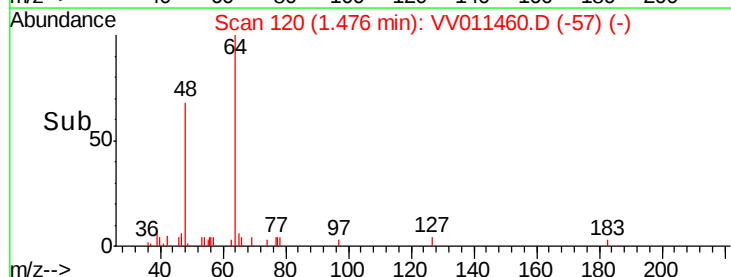
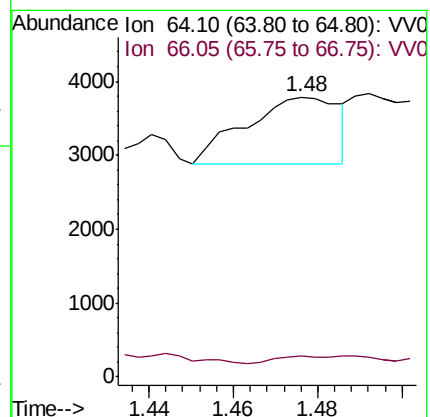
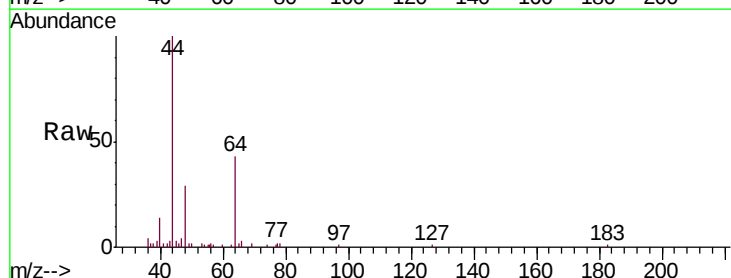
Acq: 13 Jun 2019 15:02

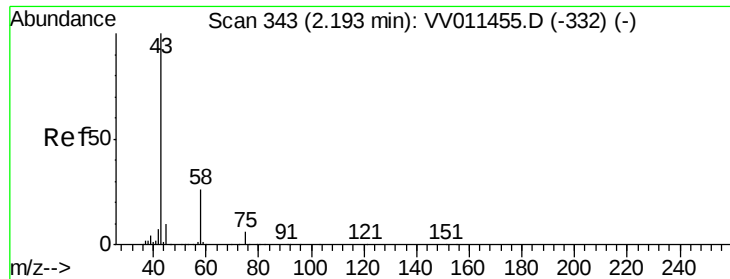
Tgt Ion: 64 Resp: 1398

Ion Ratio Lower Upper

64 100

66 7.4 19.4 36.0#





#13

Acetone

Concen: 2.906 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.04 min

Lab File: VV011460.D

Acq: 13 Jun 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

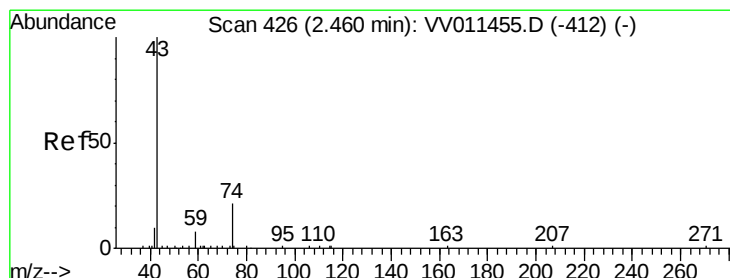
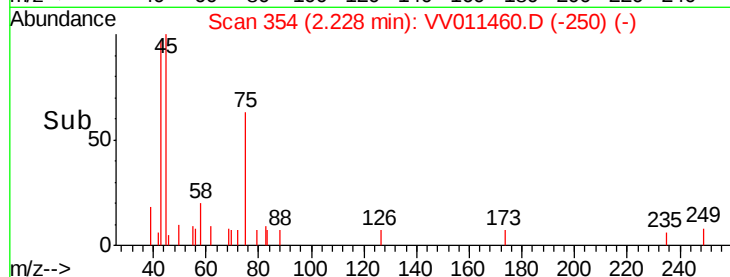
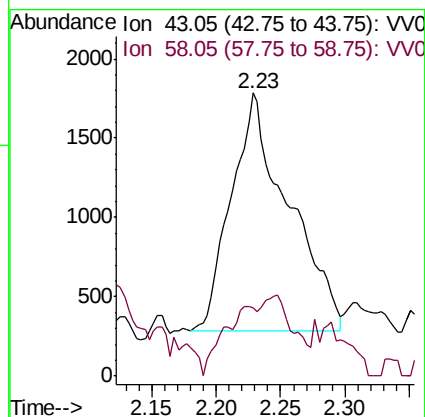
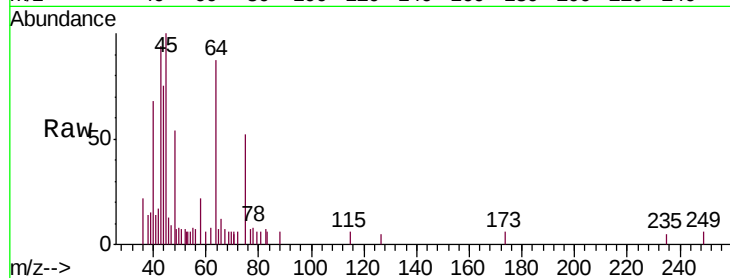
COM17

Tgt Ion: 43 Resp: 4606

Ion Ratio Lower Upper

43 100

58 17.1 0.0 55.2



#15

Methyl Acetate

Concen: 0.747 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV011460.D

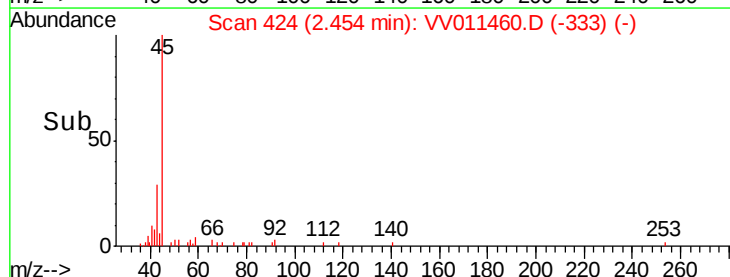
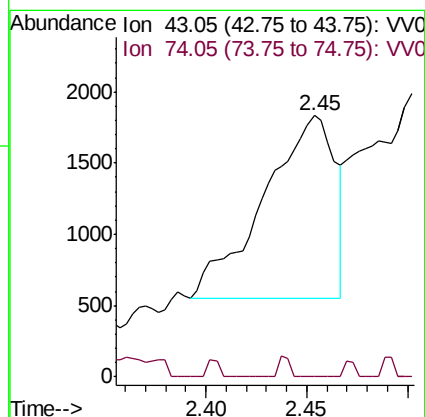
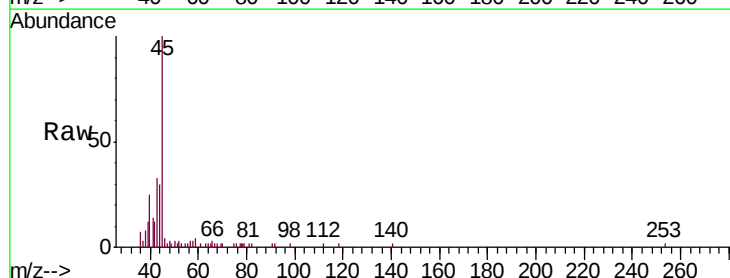
Acq: 13 Jun 2019 15:02

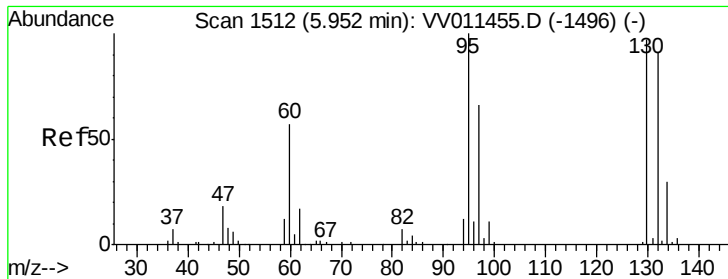
Tgt Ion: 43 Resp: 3146

Ion Ratio Lower Upper

43 100

74 1.3 18.5 27.7#





#34

Trichloroethene

Concen: 0.137 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV011460.D

Acq: 13 Jun 2019 15:02

Instrument :

MSVOA_V

ClientSampled :

COM17

Tgt Ion: 95 Resp: 1371

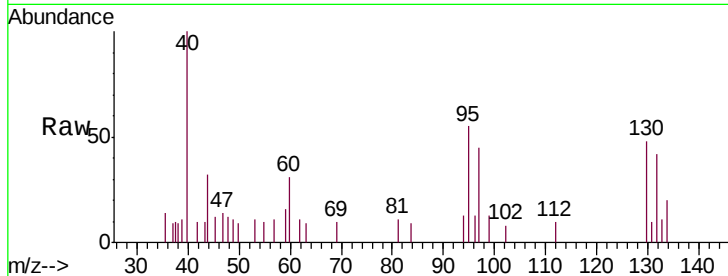
Ion Ratio Lower Upper

95 100

97 81.2 45.8 85.2

132 77.1 66.4 123.2

130 87.3 68.3 126.8

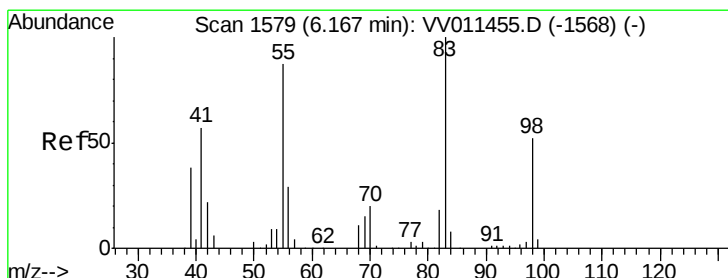
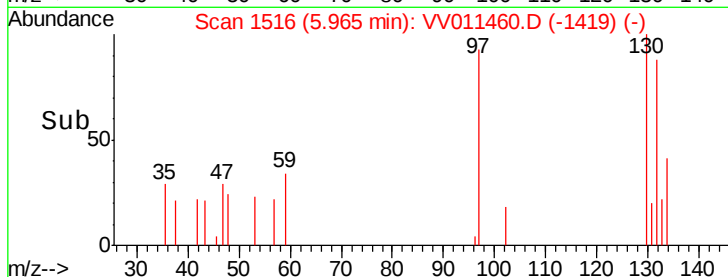
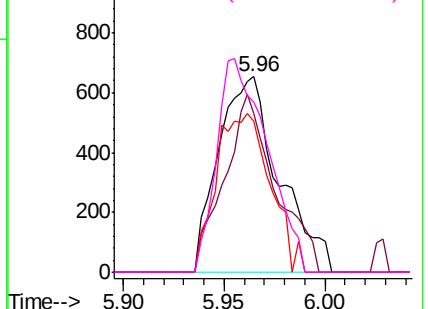


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011460.D

Acq: 13 Jun 2019 15:02

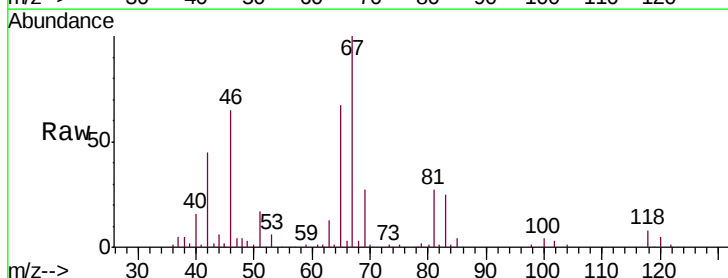
Tgt Ion: 83 Resp: 12602

Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

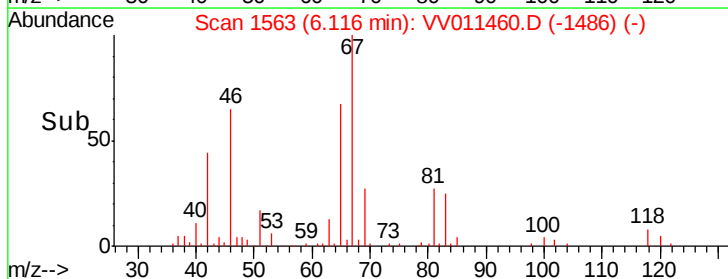
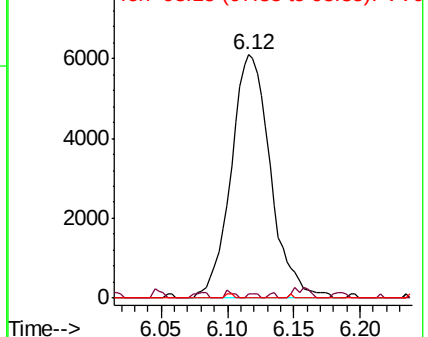
98 0.0 40.0 60.0#

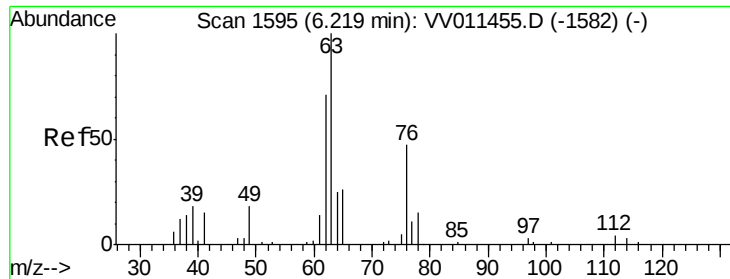


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

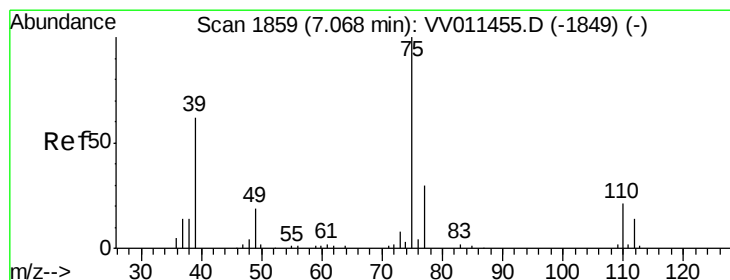
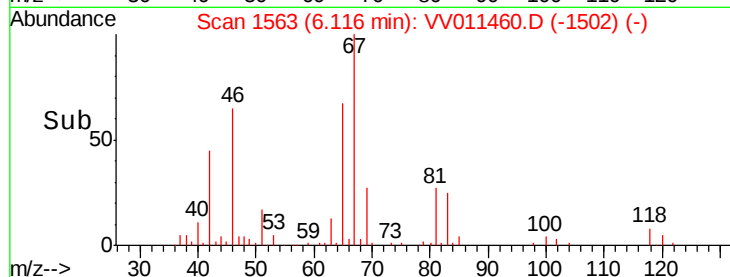
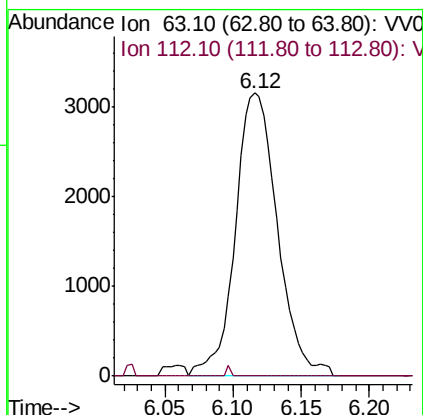
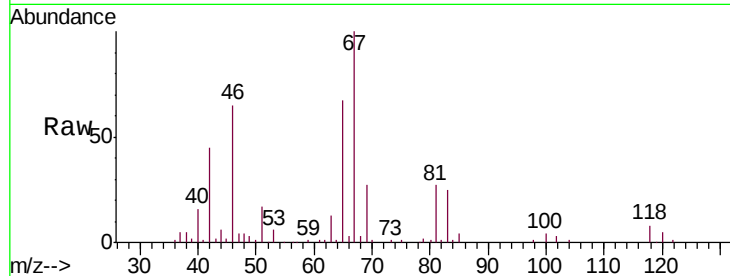




#37
 1,2-Dichloropropane
 Concen: 0.699 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011460.D
 Acq: 13 Jun 2019 15:02

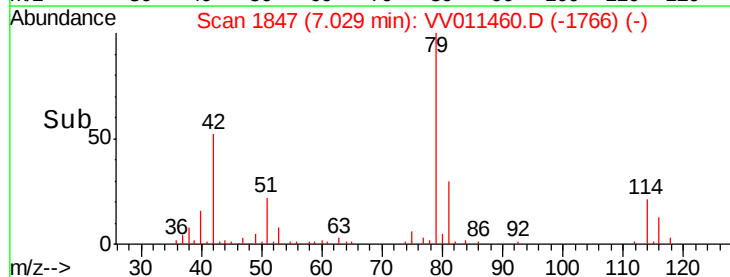
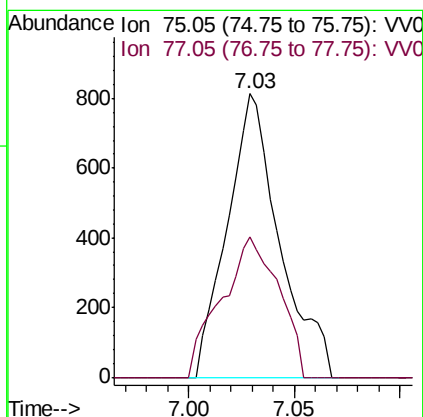
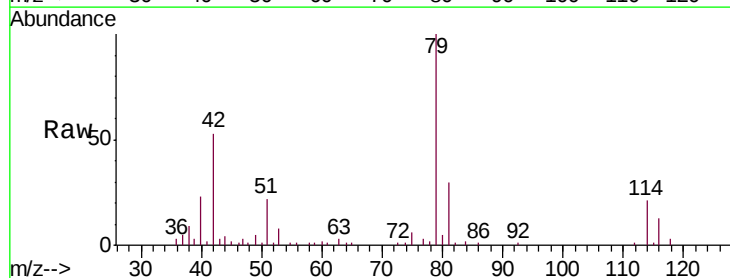
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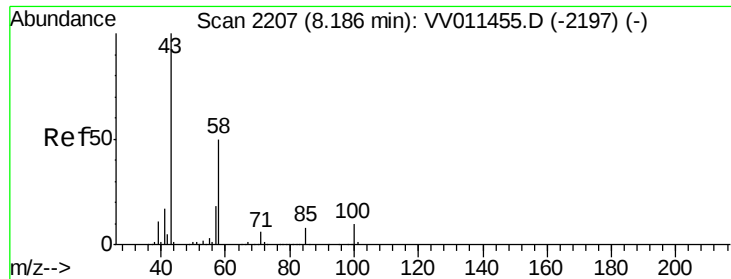
Tgt Ion: 63 Resp: 6753
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011460.D
 Acq: 13 Jun 2019 15:02

Tgt Ion: 75 Resp: 1399
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.2 41.2#

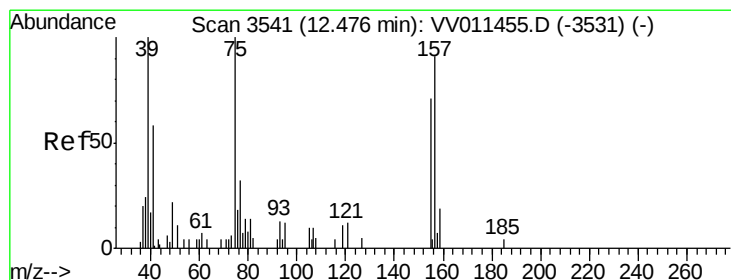
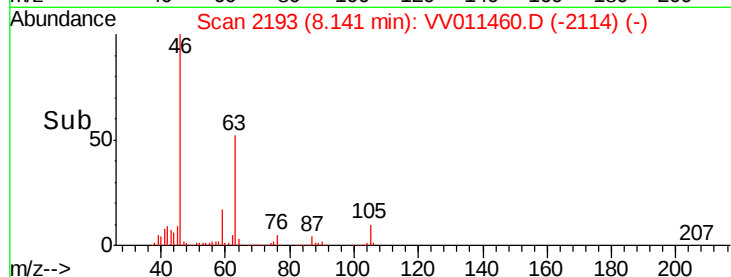
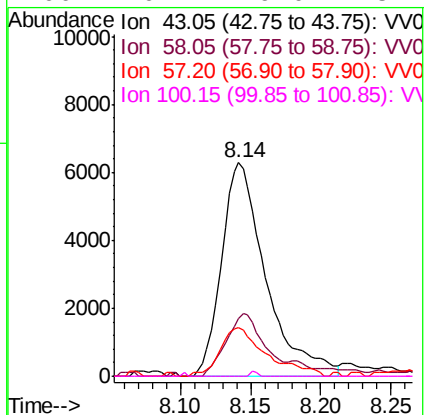
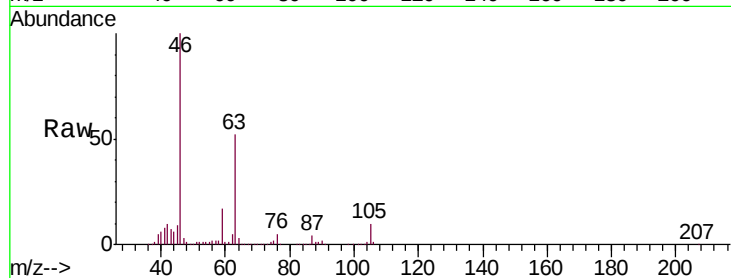




#48
 2-Hexanone
 Concen: 3.209 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011460.D
 Acq: 13 Jun 2019 15:02

Instrument :
 MSVOA_V
 ClientSampleId :
 COM17

Tgt Ion: 43 Resp: 13779
 Ion Ratio Lower Upper
 43 100
 58 25.4 41.4 62.0#
 57 24.0 15.0 22.4#
 100 0.4 9.0 13.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.190 ug/L
 RT: 12.29 min Scan# 3483
 Delta R.T. -0.19 min
 Lab File: VV011460.D
 Acq: 13 Jun 2019 15:02

Tgt Ion: 75 Resp: 187
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.4 96.6#
 157 0.0 66.7 100.1#

