

Data File : VV011459.D
Acq On : 13 Jun 2019 14:34
Operator : SY/MD
Sample : K3314-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM15

Quant Time: Jun 14 04:41:44 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	140250	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126467	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48418	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30718	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	1.58	69	32506	3.68	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.12	63	54218	2.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.00%#
20) 2-Butanone-d5	3.96	46	121774	50.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	4.40	84	80894	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	47072	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	153177	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.12	67	50672	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	131805	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.67	79	13663	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.14	63	90457	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36118	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	42332	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

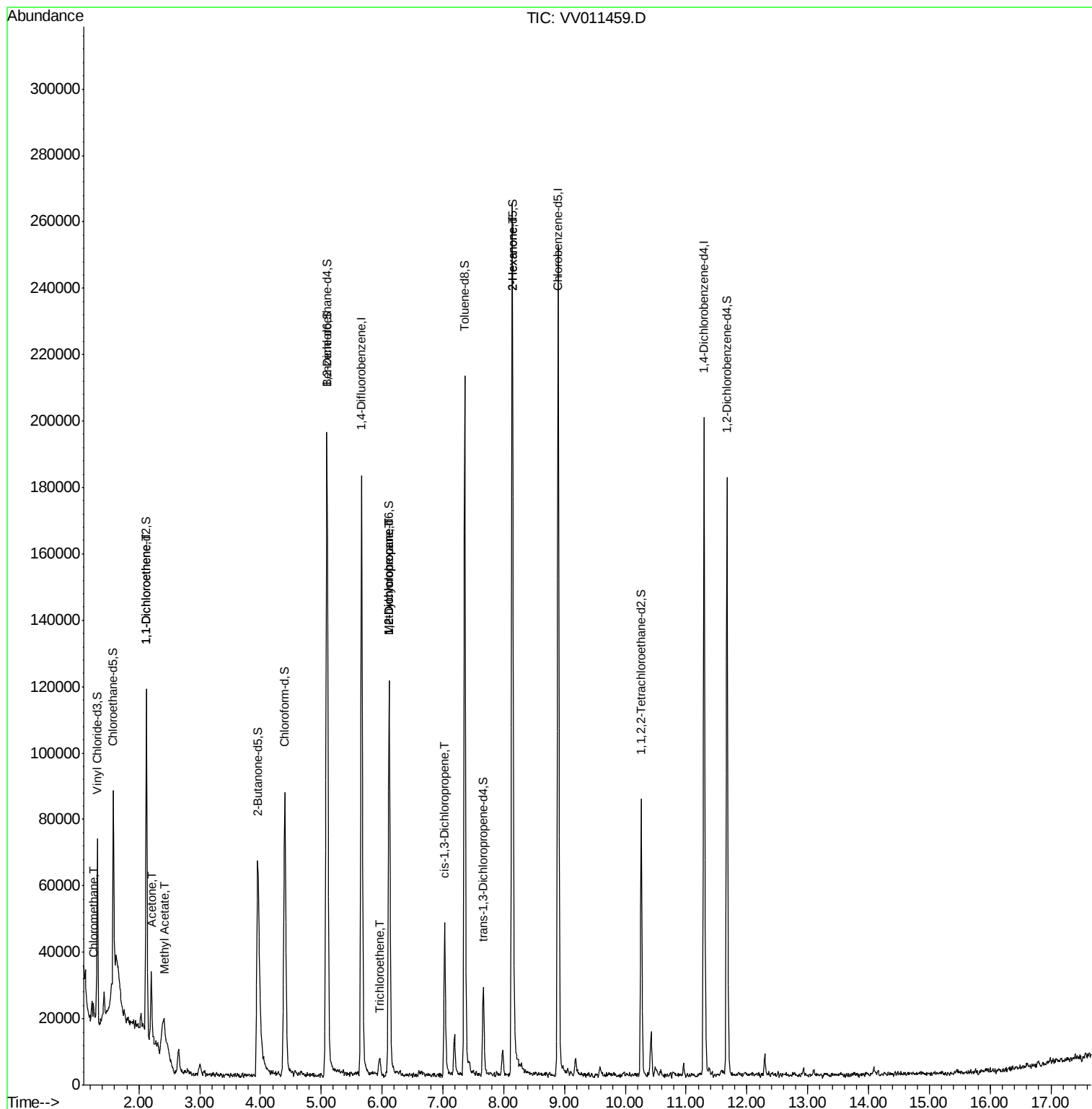
					Qvalue
3) Chloromethane	1.25	50	2936	0.220 ug/L	95
12) 1,1-Dichloroethene	2.13	96	1284	0.145 ug/L #	1
13) Acetone	2.21	43	5074	3.163 ug/L	96
15) Methyl Acetate	2.42	43	605	0.142 ug/L #	68
34) Trichloroethene	5.96	95	1498	0.144 ug/L	91
35) Methylcyclohexane	6.12	83	12425	0.723 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	6594	0.658 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1534	0.105 ug/L	84
48) 2-Hexanone	8.14	43	13218	2.971 ug/L #	70

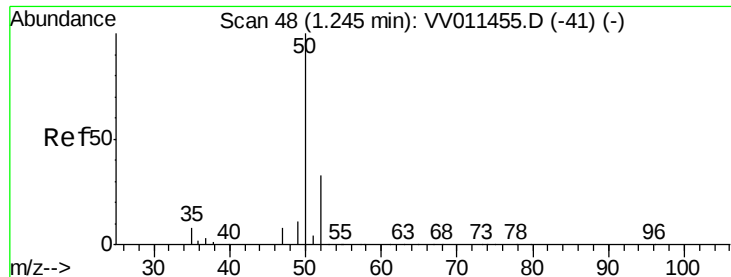
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.220 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011459.D

Acq: 13 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

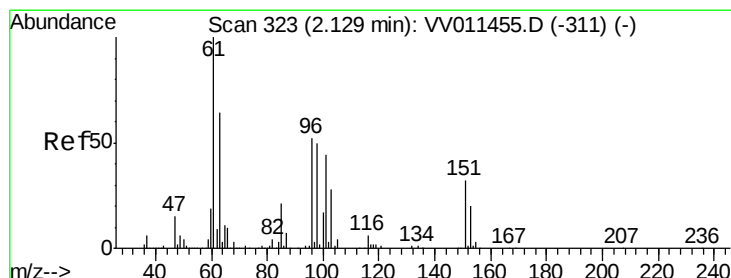
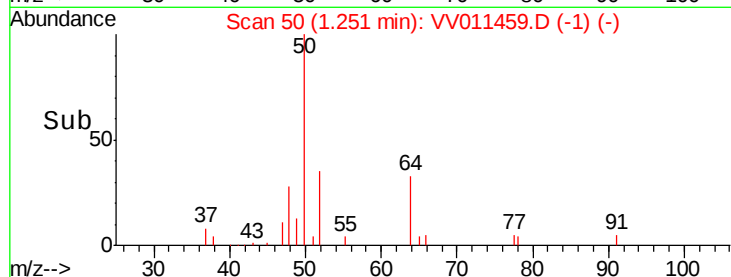
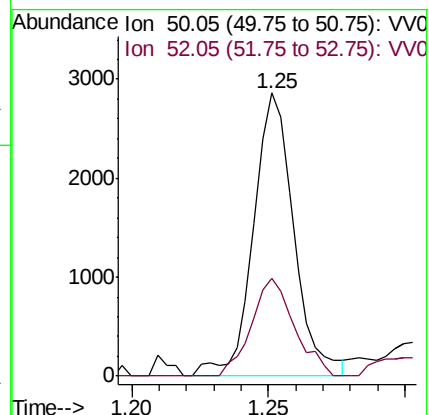
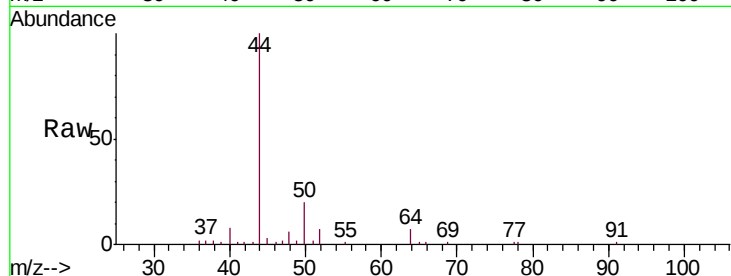
COM15

Tgt Ion: 50 Resp: 2936

Ion Ratio Lower Upper

50 100

52 34.7 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.145 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011459.D

Acq: 13 Jun 2019 14:34

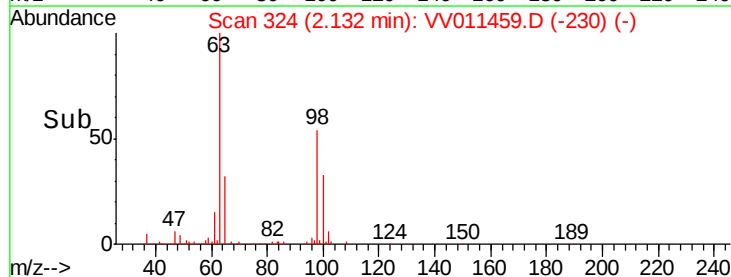
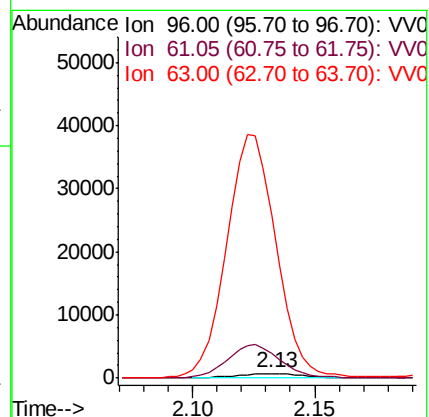
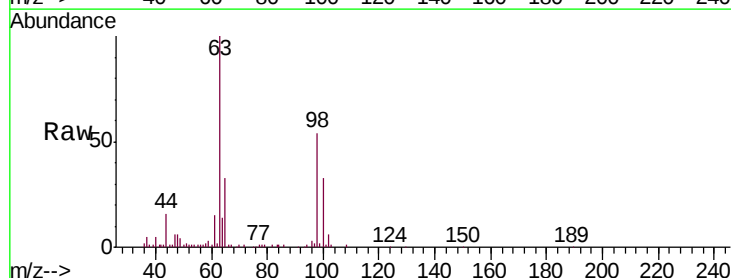
Tgt Ion: 96 Resp: 1284

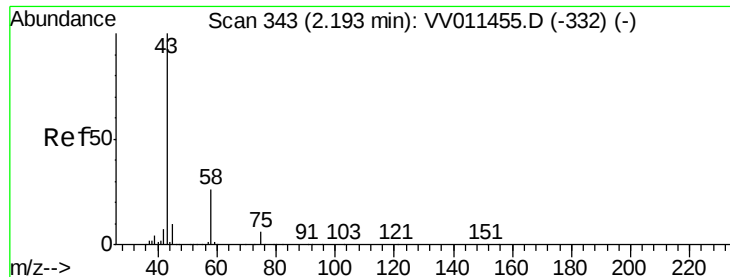
Ion Ratio Lower Upper

96 100

61 568.6 139.8 259.6#

63 3697.6 94.3 175.1#





#13

Acetone

Concen: 3.163 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.02 min

Lab File: VV011459.D

Acq: 13 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

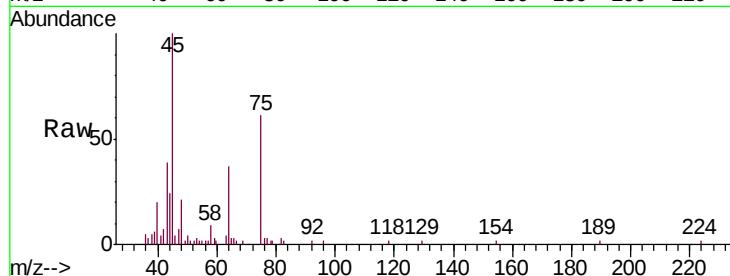
COM15

Tgt Ion: 43 Resp: 5074

Ion Ratio Lower Upper

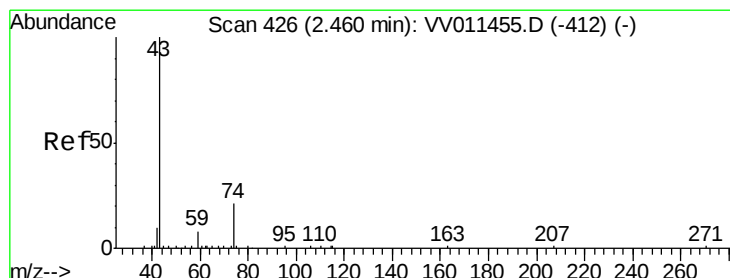
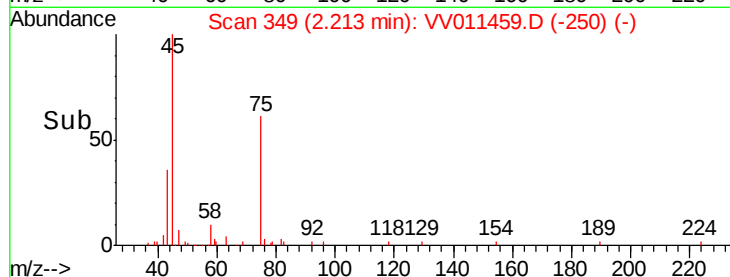
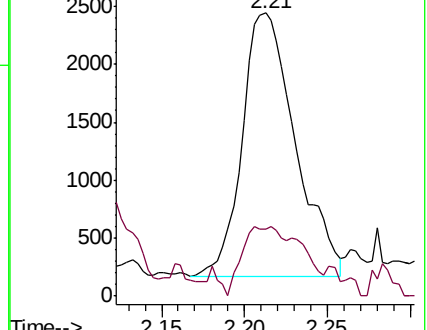
43 100

58 29.7 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011455.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV011455.D (-332) (-)



#15

Methyl Acetate

Concen: 0.142 ug/L

RT: 2.42 min Scan# 415

Delta R.T. -0.04 min

Lab File: VV011459.D

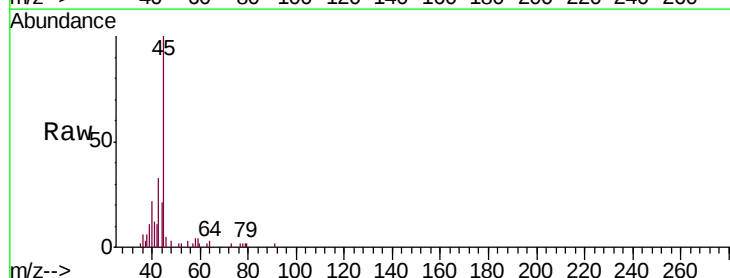
Acq: 13 Jun 2019 14:34

Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

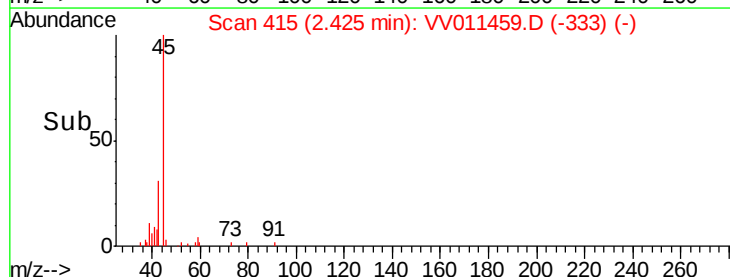
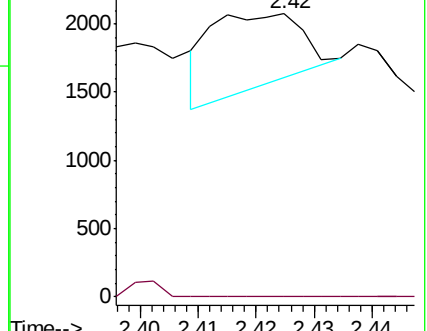
43 100

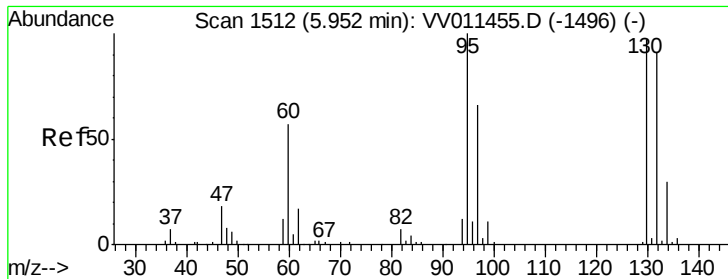
74 7.6 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011455.D (-412) (-)

Ion 74.05 (73.75 to 74.75): VV011455.D (-412) (-)





#34

Trichloroethene

Concen: 0.144 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011459.D

Acq: 13 Jun 2019 14:34

Instrument :

MSVOA_V

ClientSampled :

COM15

Tgt Ion: 95 Resp: 1498

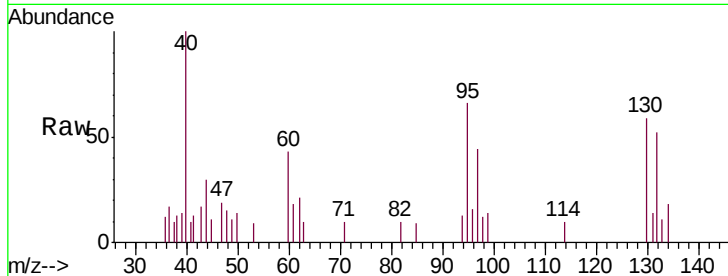
Ion Ratio Lower Upper

95 100

97 67.5 45.8 85.2

132 79.7 66.4 123.2

130 90.8 68.3 126.8

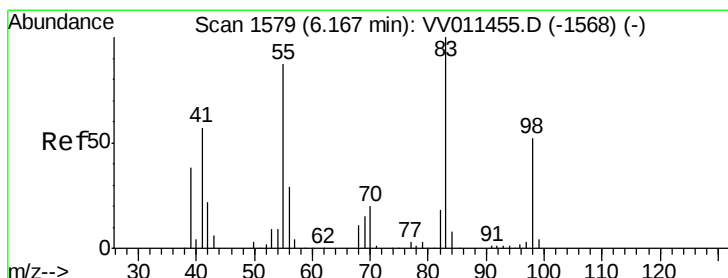
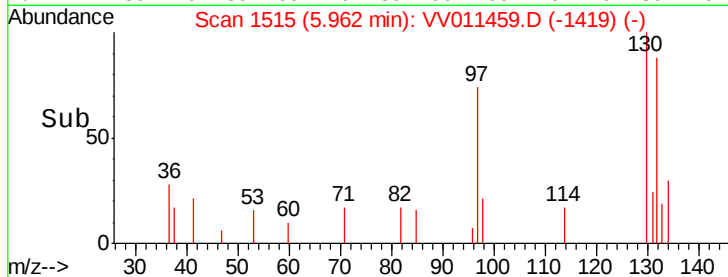
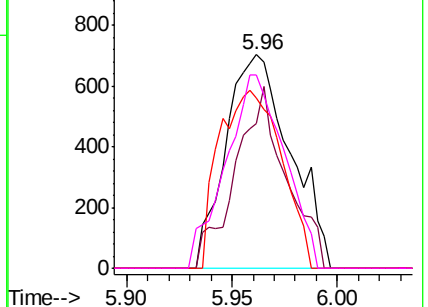


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.723 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011459.D

Acq: 13 Jun 2019 14:34

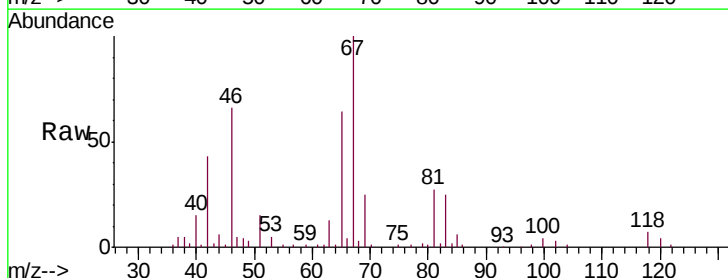
Tgt Ion: 83 Resp: 12425

Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

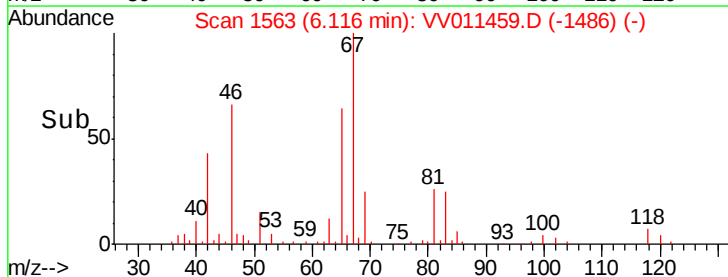
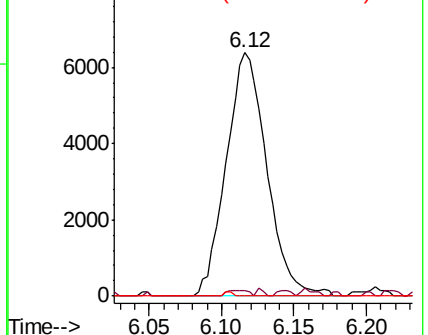
98 0.0 40.0 60.0#

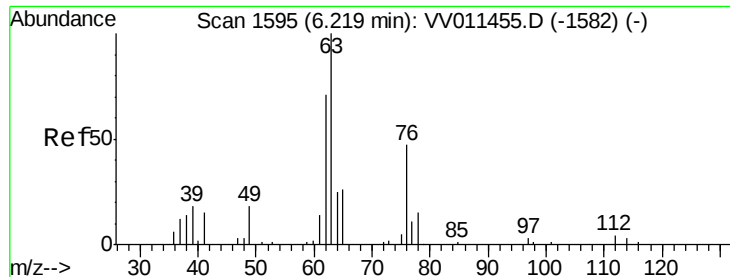


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

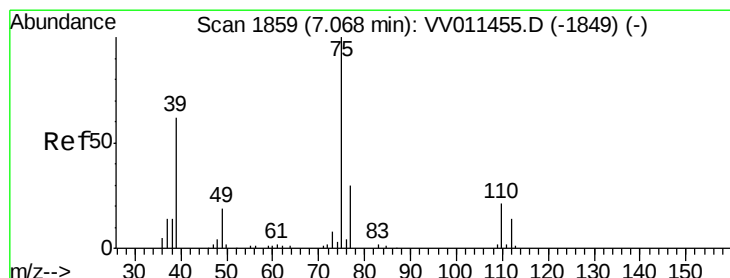
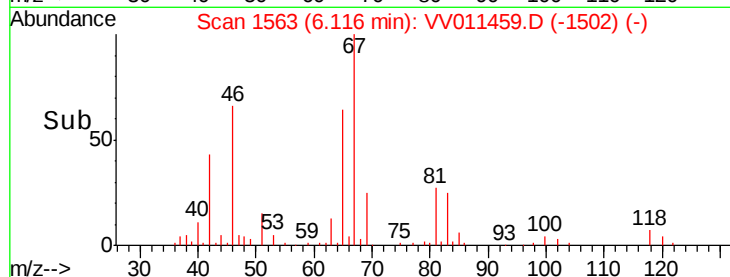
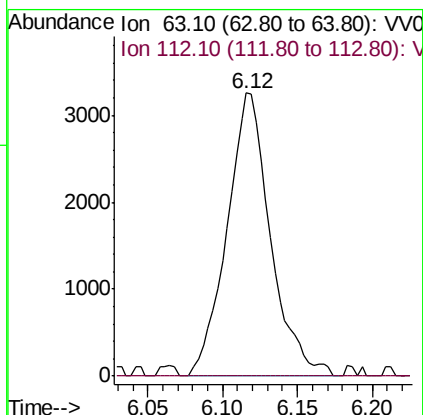
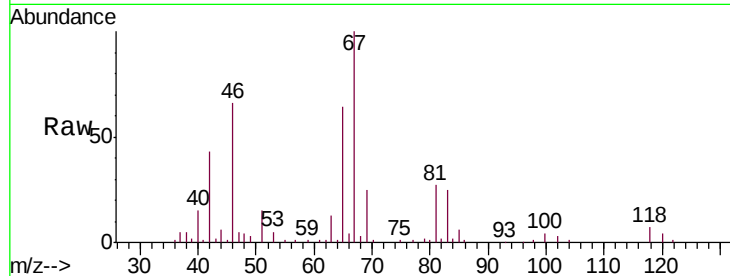




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011459.D
 Acq: 13 Jun 2019 14:34

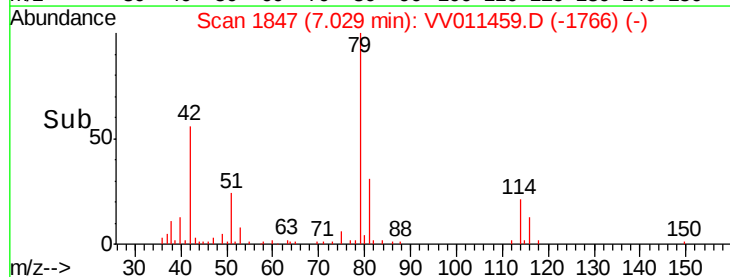
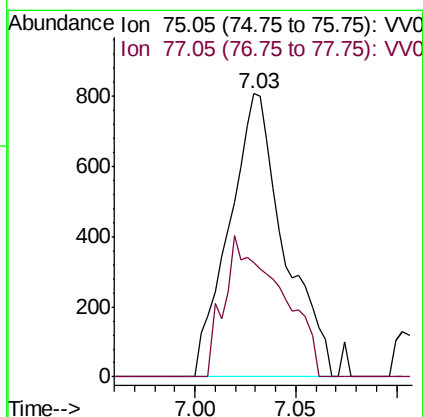
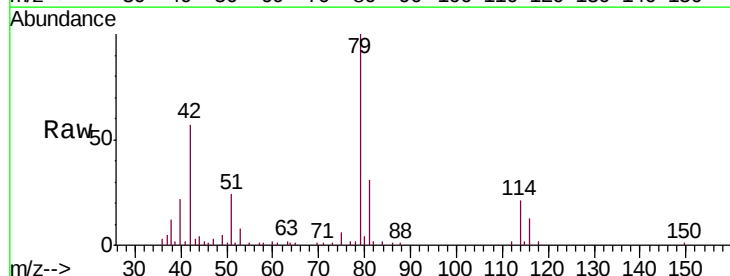
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 MSVOA_V
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 COM15

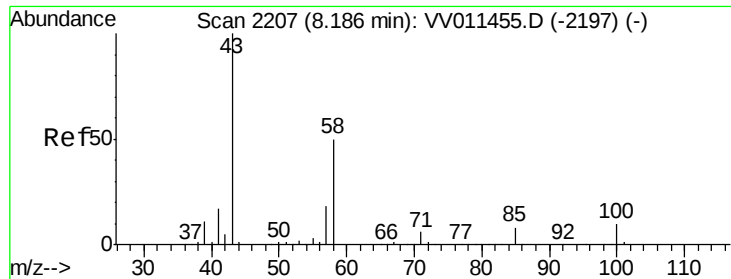
Tgt Ion: 63 Resp: 6594
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011459.D
 Acq: 13 Jun 2019 14:34

Tgt Ion: 75 Resp: 1534
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.2 41.2





#48
 2-Hexanone
 Concen: 2.971 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV011459.D
 Acq: 13 Jun 2019 14:34

Instrument :
 MSVOA_V
 ClientSampleId :
 COM15

Tgt Ion:	43	Resp:	13218
Ion	Ratio	Lower	Upper
43	100		
58	27.9	41.4	62.0#
57	29.1	15.0	22.4#
100	1.2	9.0	13.4#

