

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007062.D
 Acq On : 17 Aug 2018 18:37
 Operator : SY/MD
 Sample : J4488-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:39:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	231237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82451	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.58	69	75546	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.13	63	119531	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.97	46	214934	50.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.14%
24) Chloroform-d	4.41	84	175628	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.09	65	88361	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.10	84	333939	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.60%
36) 1,2-Dichloropropane-d6	6.12	67	111528	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.00%
41) Toluene-d8	7.37	98	246280	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.67	79	33241	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.15	63	94788	34.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79194	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	85246	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

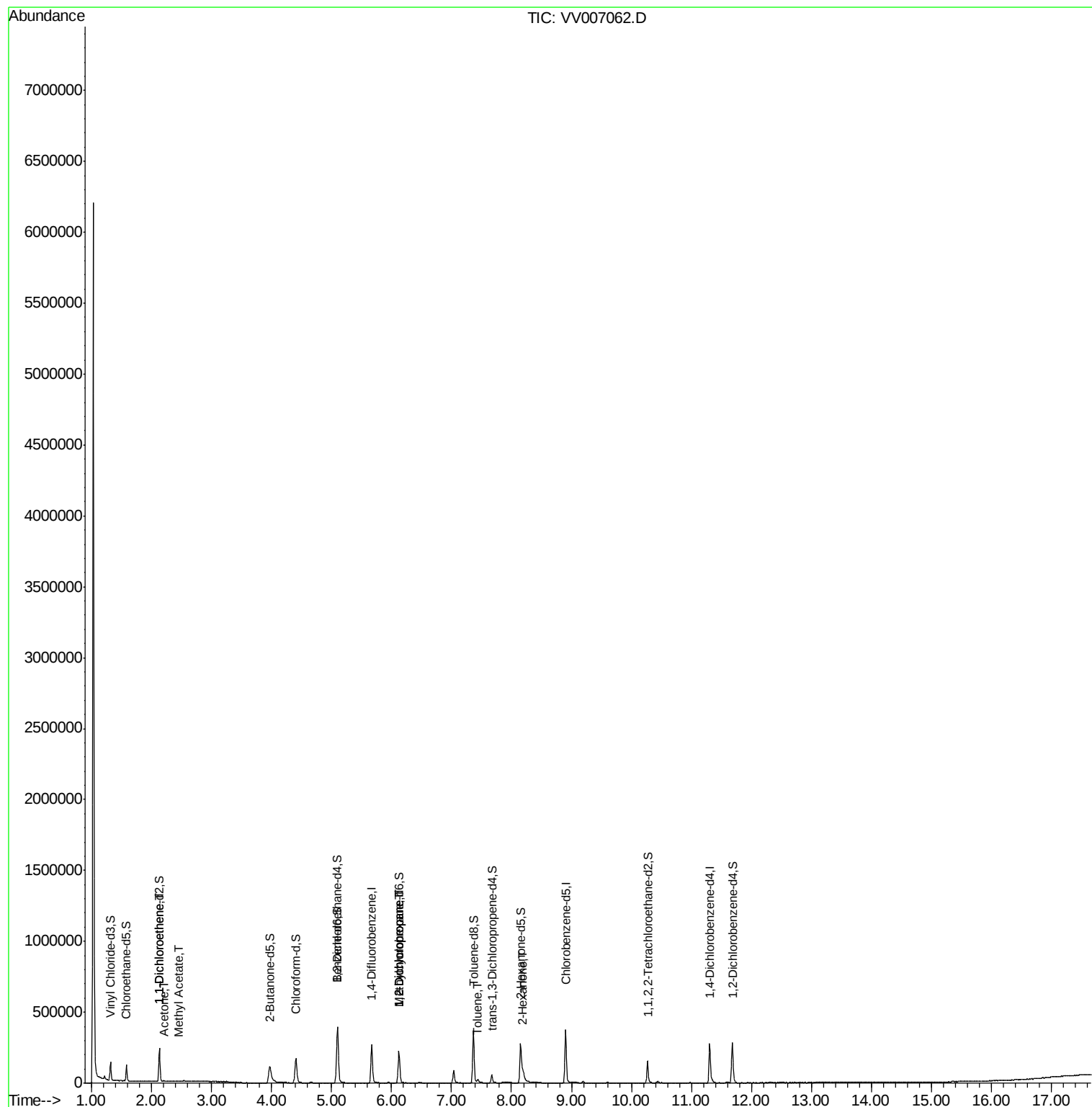
					Ovalue
12) 1,1-Dichloroethene	2.14	96	3710	0.223 ug/L #	1
13) Acetone	2.21	43	5205	2.355 ug/L	97
15) Methyl Acetate	2.47	43	1468	0.236 ug/L #	69
35) Methylcyclohexane	6.12	83	25544	0.867 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11467	0.547 ug/L #	87
42) Toluene	7.44	91	15136	0.206 ug/L	93
48) 2-Hexanone	8.20	43	27982	3.505 ug/L #	94

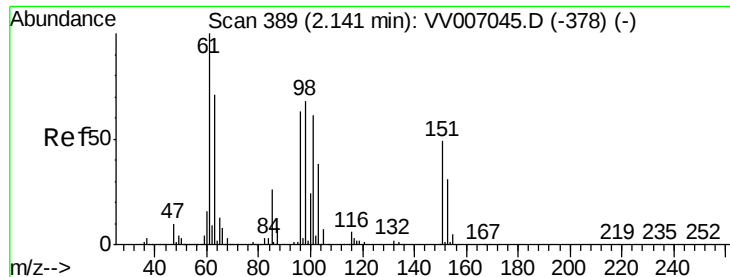
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.223 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007062.D

Acq: 17 Aug 2018 18:37

Instrument :

MSVOA_V

ClientSampleId :

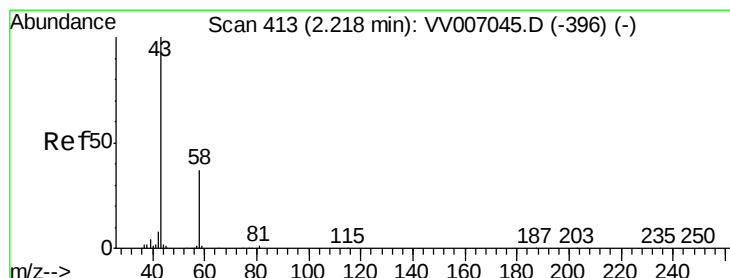
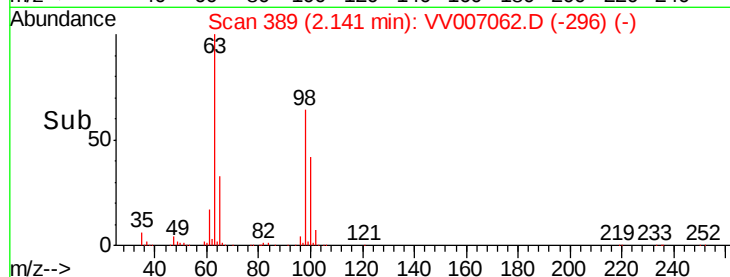
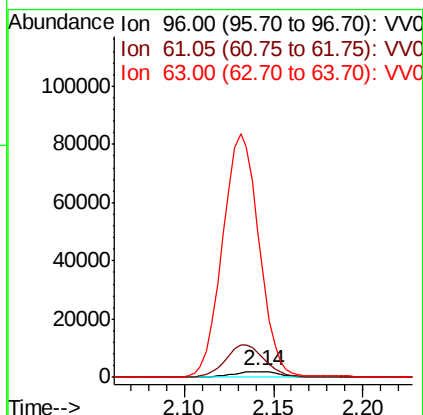
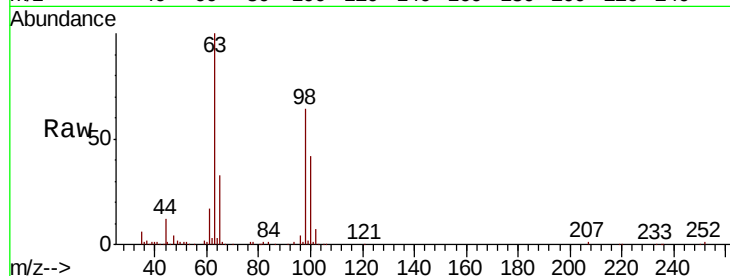
Tot Ion: 96 Resp: 3710

Ion Ratio Lower Upper

96 100

61 426.2 111.6 207.4#

63 2518.1 84.9 157.7#



#13

Acetone

Concen: 2.355 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007062.D

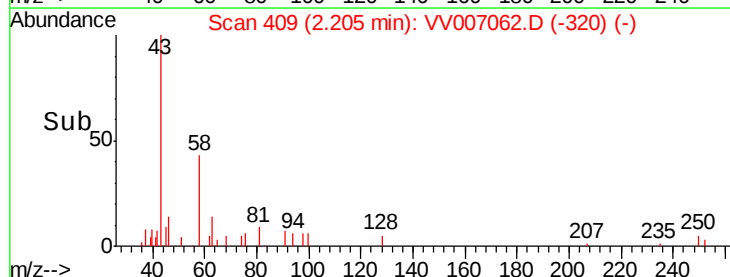
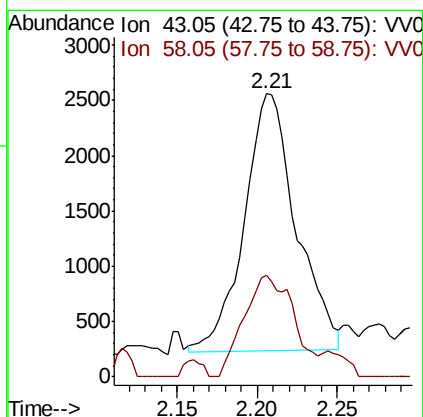
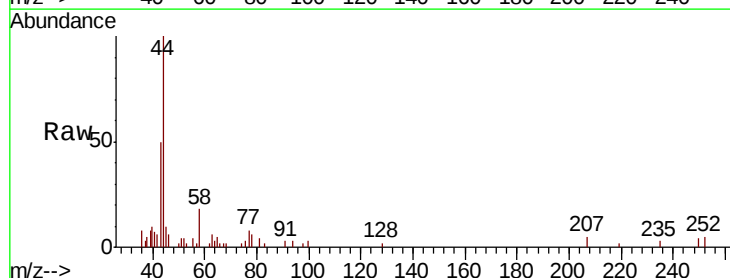
Acq: 17 Aug 2018 18:37

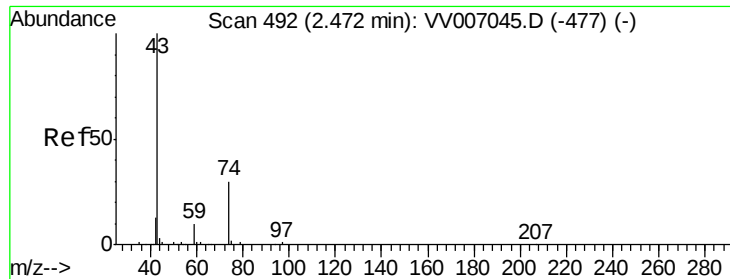
Tgt Ion: 43 Resp: 5205

Ion Ratio Lower Upper

43 100

58 37.7 0.0 71.4





#15

Methvl Acetate

Concen: 0.236 ug/L

RT: 2.47 min Scan# 490

Delta R.T. -0.01 min

Lab File: VV007062.D

Acq: 17 Aug 2018 18:37

Instrument :

MSVOA_V

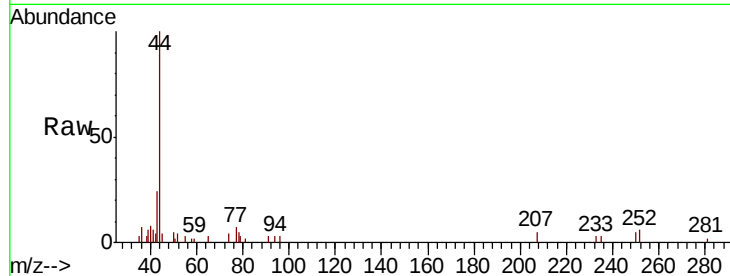
ClientSampled :

Tot Ion: 43 Resp: 1468

Ion Ratio Lower Upper

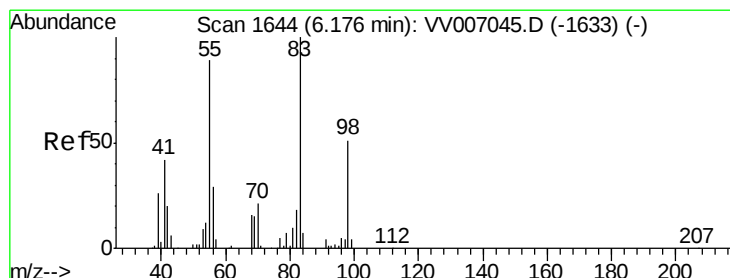
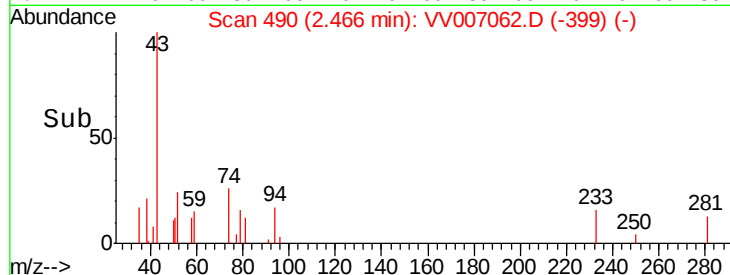
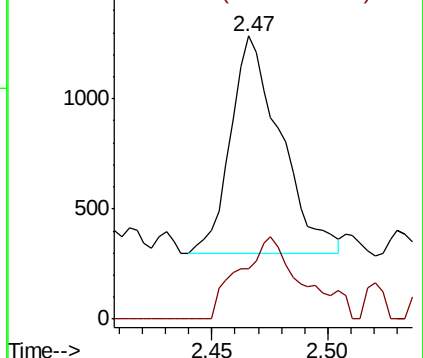
43 100

74 47.8 24.6 37.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#35

Methylcyclohexane

Concen: 0.867 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007062.D

Acq: 17 Aug 2018 18:37

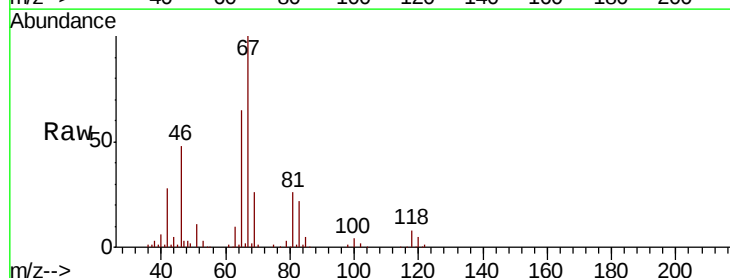
Tgt Ion: 83 Resp: 25544

Ion Ratio Lower Upper

83 100

55 0.3 68.1 102.1#

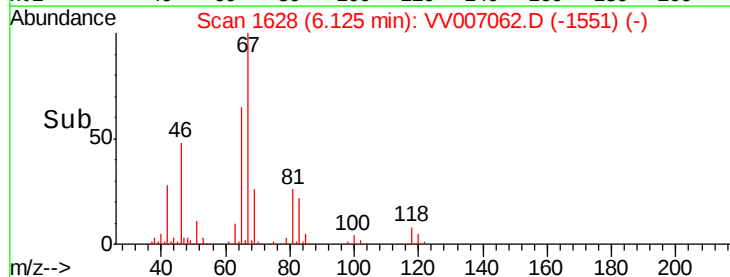
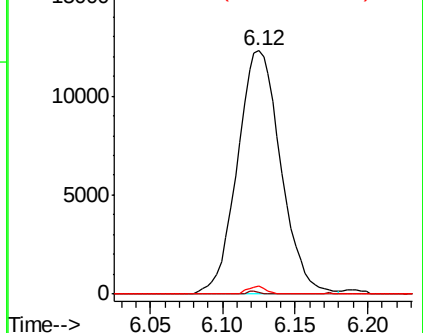
98 1.4 37.9 56.9#

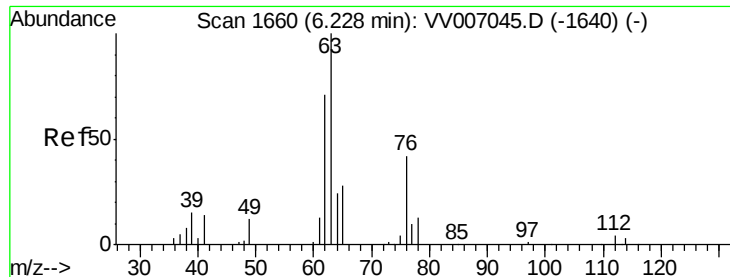


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

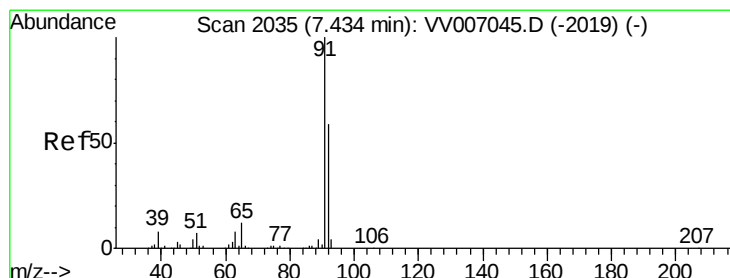
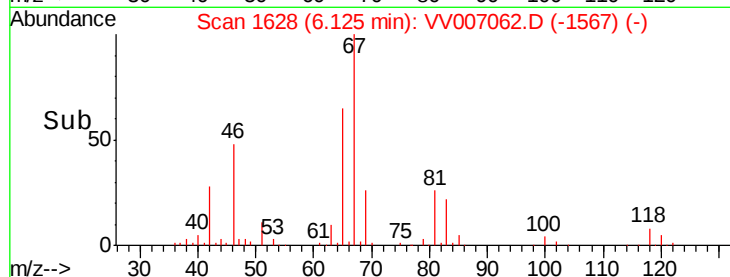
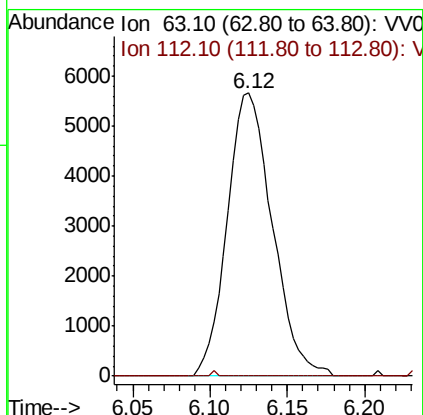
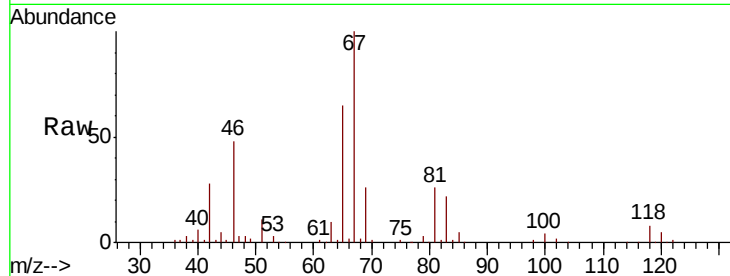




#37
 1,2-Dichloropropane
 Concen: 0.547 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007062.D
 Acq: 17 Aug 2018 18:37

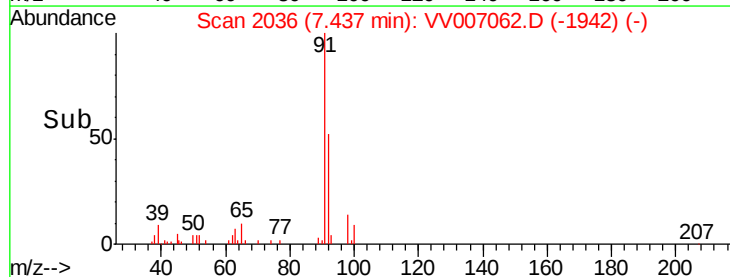
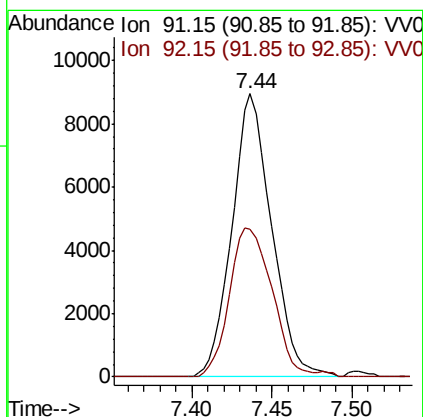
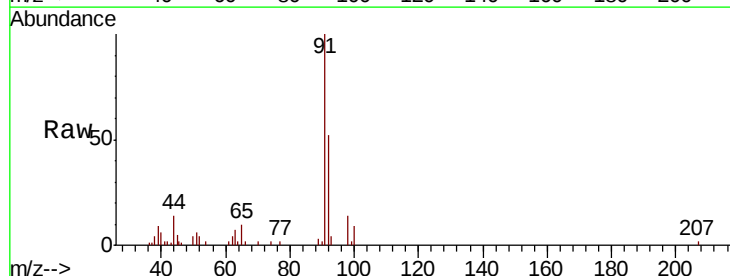
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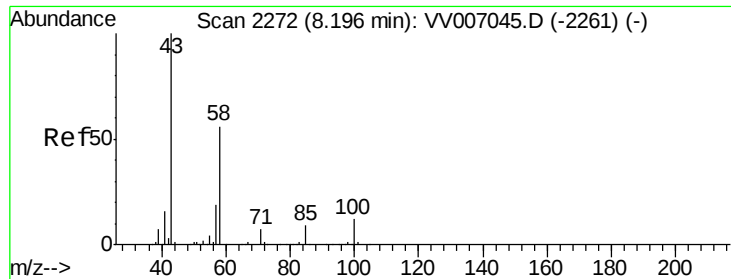
Tot Ion: 63 Resp: 11467
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.5 5.3#



#42
 Toluene
 Concen: 0.206 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007062.D
 Acq: 17 Aug 2018 18:37

Tgt Ion: 91 Resp: 15136
 Ion Ratio Lower Upper
 91 100
 92 52.4 40.2 74.6





#48
 2-Hexanone
 Concen: 3.505 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007062.D
 Acq: 17 Aug 2018 18:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	44.2	66.2
57	22.8	14.8	22.2#
100	6.5	8.8	13.2#

