

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007083.D
 Acq On : 20 Aug 2018 20:27
 Operator : SY/MD
 Sample : J4488-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0360

Quant Time: Aug 21 05:26:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237607	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86691	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81852	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	74051	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.13	63	122774	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.97	46	217978	49.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	4.40	84	176249	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	87432	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	333192	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	113804	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.37	98	241309	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	22709	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
46) 2-Hexanone-d5	8.15	63	75573	26.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78404	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	83916	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

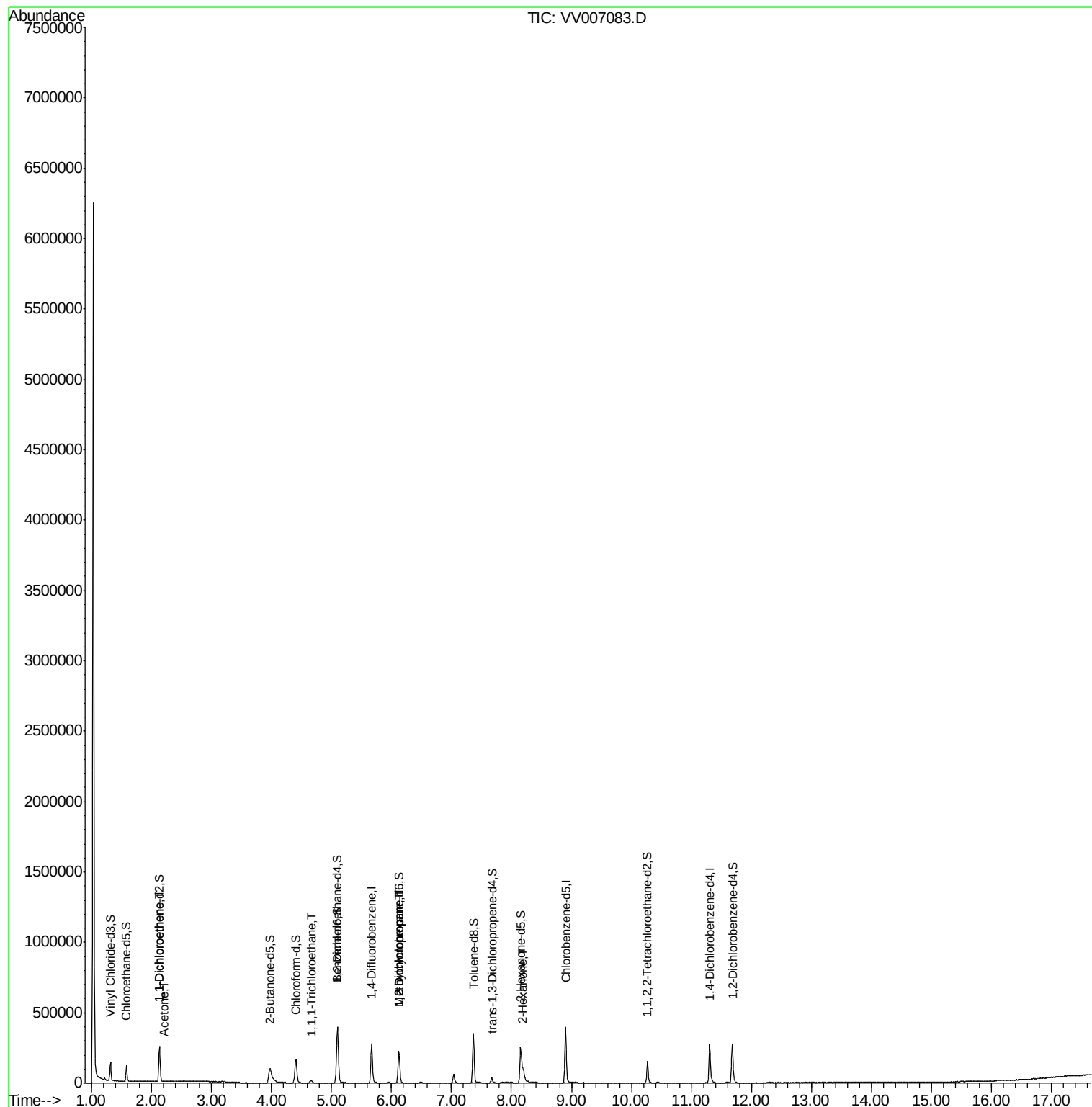
					Ovalue
12) 1,1-Dichloroethene	2.14	96	19021	1.115 ug/L #	21
13) Acetone	2.21	43	4764	2.098 ug/L	90
29) 1,1,1-Trichloroethane	4.66	97	13799	0.446 ug/L	98
35) Methylcyclohexane	6.12	83	25949	0.838 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11325	0.514 ug/L #	87
48) 2-Hexanone	8.20	43	41108	4.900 ug/L #	88

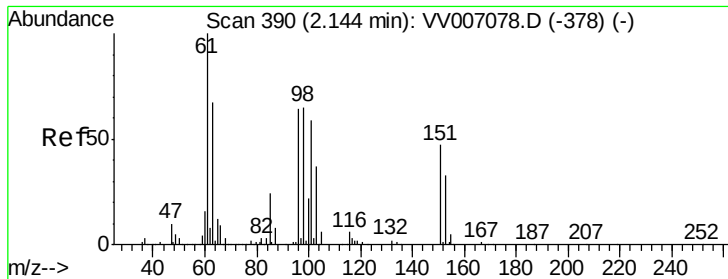
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.115 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007083.D

Acq: 20 Aug 2018 20:27

Instrument :

MSVOA_V

ClientSampled :

C0360

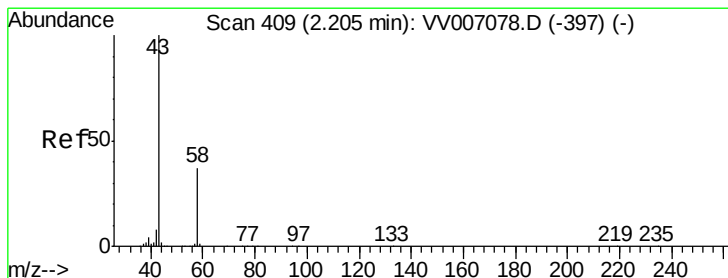
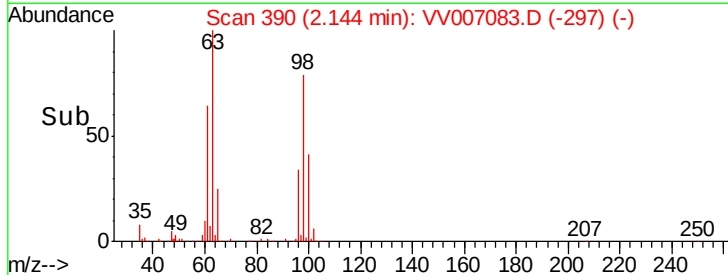
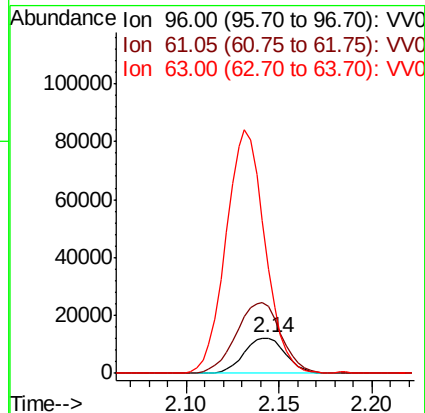
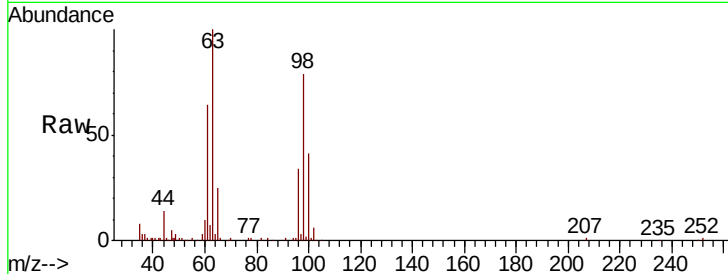
Tot Ion: 96 Resp: 19021

Ion Ratio Lower Upper

96 100

61 187.5 111.6 207.4

63 294.5 84.9 157.7#



#13

Acetone

Concen: 2.098 ug/L

RT: 2.21 min Scan# 412

Delta R.T. 0.01 min

Lab File: VV007083.D

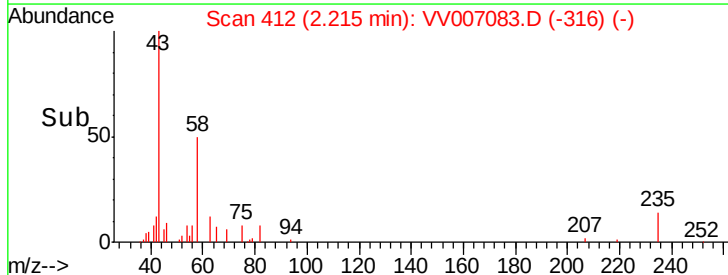
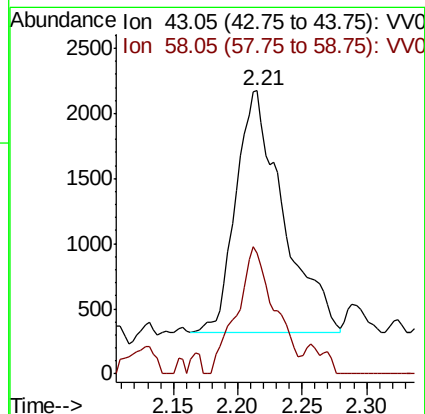
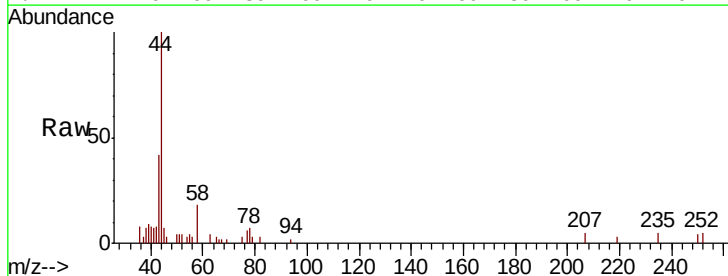
Acq: 20 Aug 2018 20:27

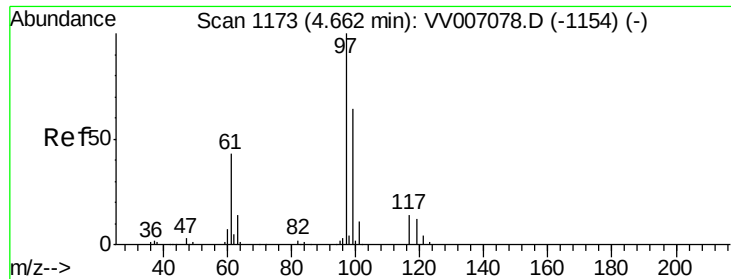
Tgt Ion: 43 Resp: 4764

Ion Ratio Lower Upper

43 100

58 41.8 0.0 71.4

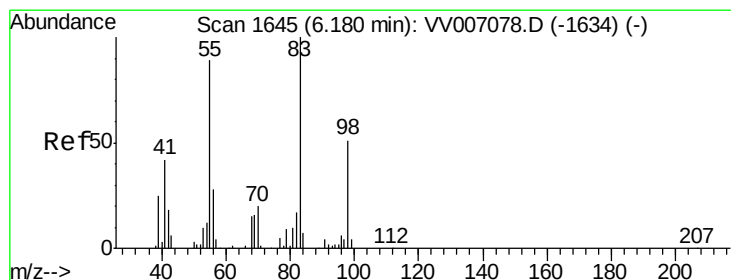
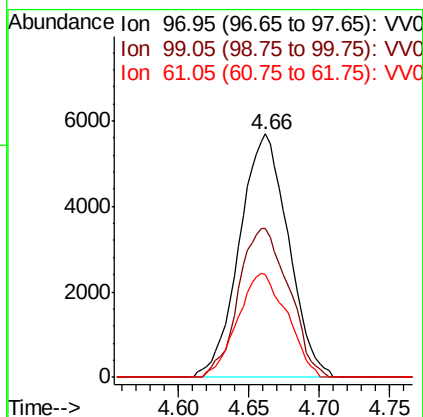
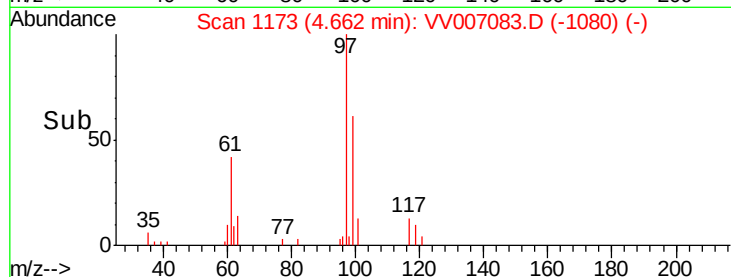
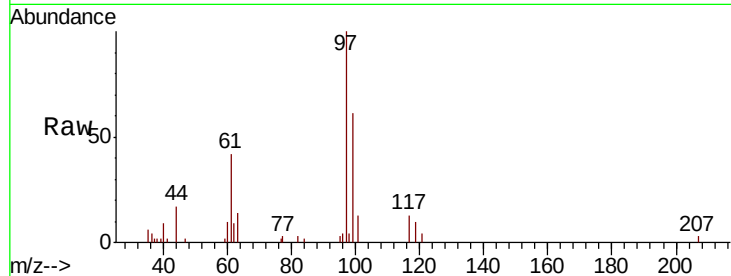




#29
 1,1,1-Trichloroethane
 Concen: 0.446 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007083.D
 Acq: 20 Aug 2018 20:27

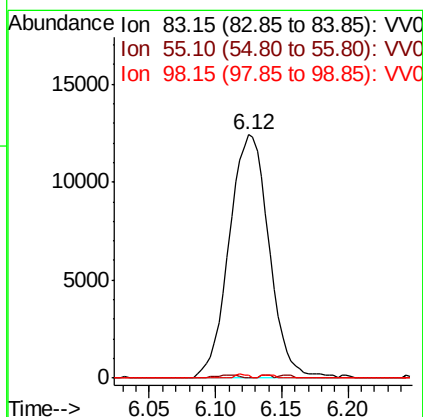
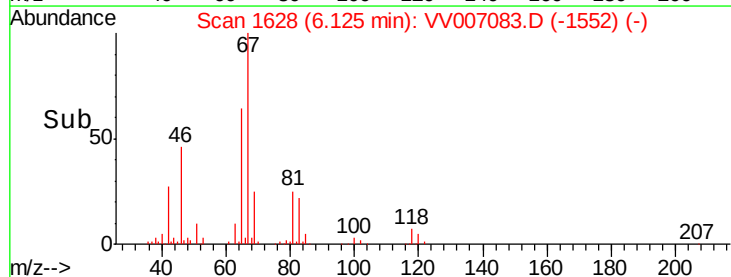
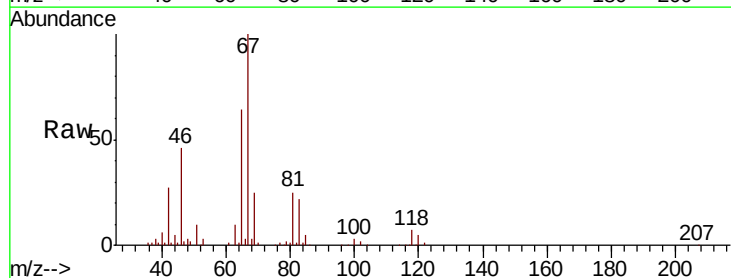
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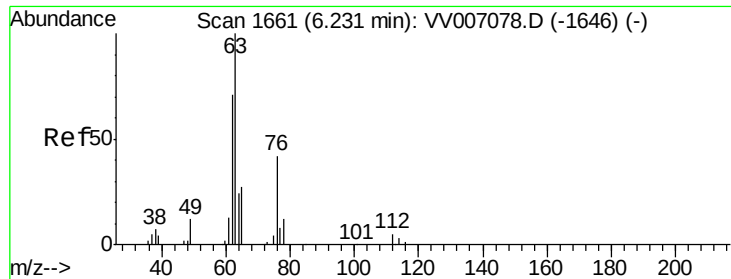
Tot Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	43.2	36.6	54.8



#35
 Methylcyclohexane
 Concen: 0.838 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV007083.D
 Acq: 20 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	68.1	102.1#
98	0.5	37.9	56.9#

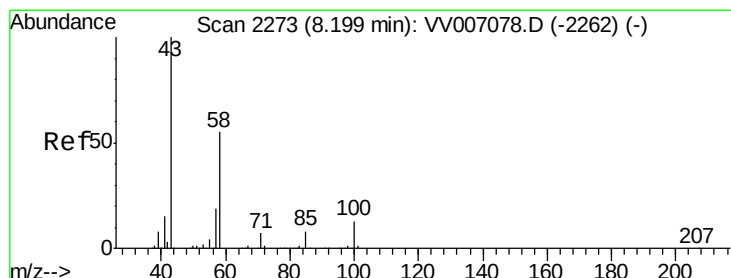
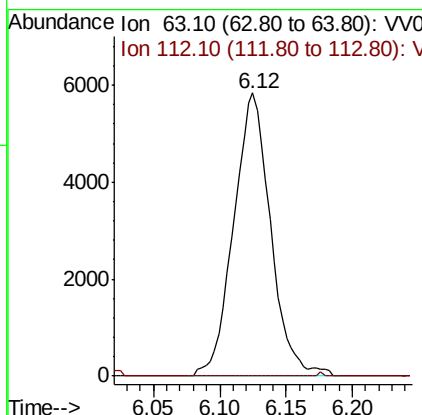
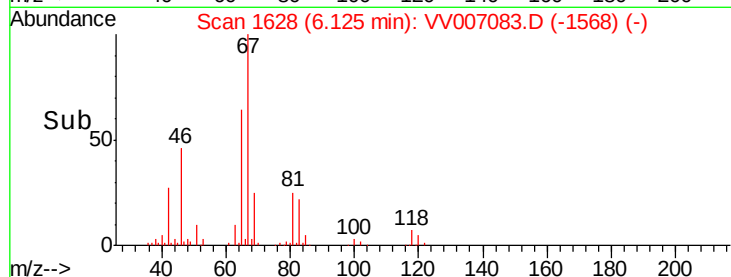
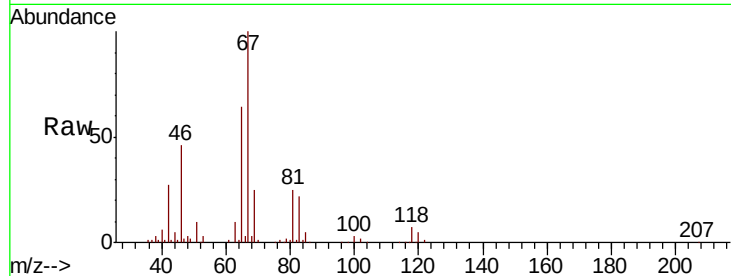




#37
 1,2-Dichloropropane
 Concen: 0.514 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VV007083.D
 Acq: 20 Aug 2018 20:27

Instrument :
 MSVOA_V
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 C0360

Tot Ion: 63 Resp: 11325
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.5 5.3#



#48
 2-Hexanone
 Concen: 4.900 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV007083.D
 Acq: 20 Aug 2018 20:27

Tgt Ion: 43 Resp: 41108
 Ion Ratio Lower Upper
 43 100
 58 44.1 44.2 66.2#
 57 21.4 14.8 22.2
 100 10.3 8.8 13.2

