

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007075.D
 Acq On : 20 Aug 2018 16:09
 Operator : SY/MD
 Sample : J4488-07RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0300

Quant Time: Aug 21 04:07:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234164	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74600	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	73300	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.13	63	125484	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.97	46	234360	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.41	84	179786	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
26) 1,2-Dichloroethane-d4	5.09	65	89859	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.10	84	334281	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.12	67	115077	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.37	98	240908	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.67	79	34401	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.15	63	95911	33.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81555	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	89997	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

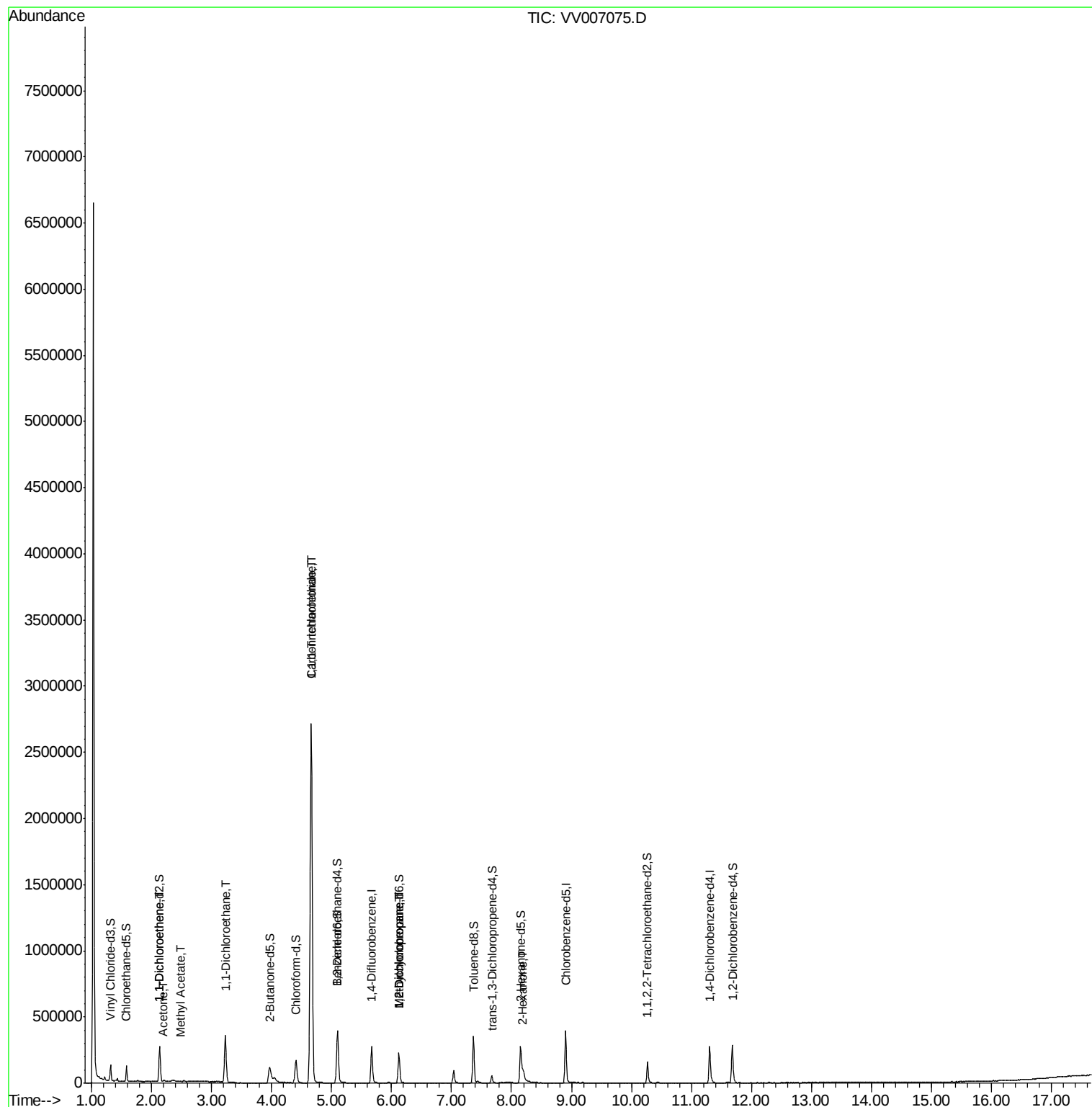
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	31194	1.855	ug/L #	59
13) Acetone	2.21	43	9971	4.455	ug/L	95
15) Methyl Acetate	2.47	43	1988	0.316	ug/L	93
19) 1,1-Dichloroethane	3.23	63	373158	11.480	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	2181496	70.746	ug/L	98
31) Carbon tetrachloride	4.66	117	291731	11.281	ug/L	98
35) Methylcyclohexane	6.12	83	26306	0.853	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11081	0.505	ug/L #	88
48) 2-Hexanone	8.20	43	39329	4.707	ug/L #	93

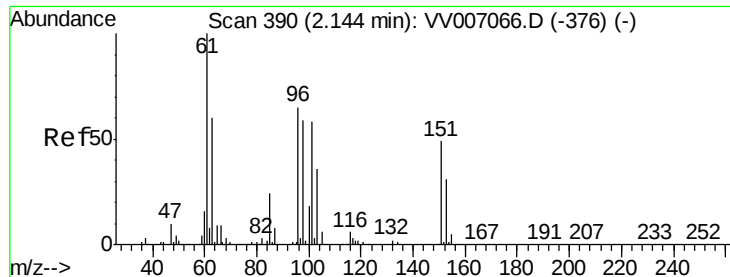
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 04:05:27 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.855 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007075.D

Acq: 20 Aug 2018 16:09

Instrument :

MSVOA_V

ClientSampleId :

C0300

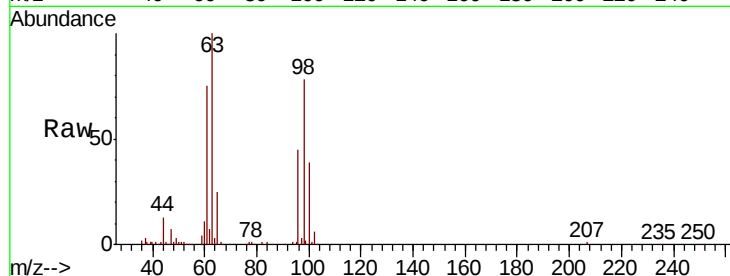
Tot Ion: 96 Resp: 31194

Ion Ratio Lower Upper

96 100

61 165.3 111.6 207.4

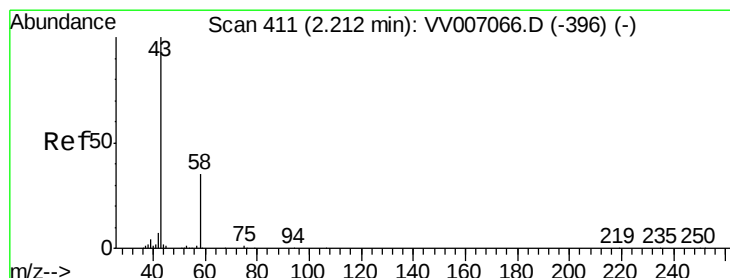
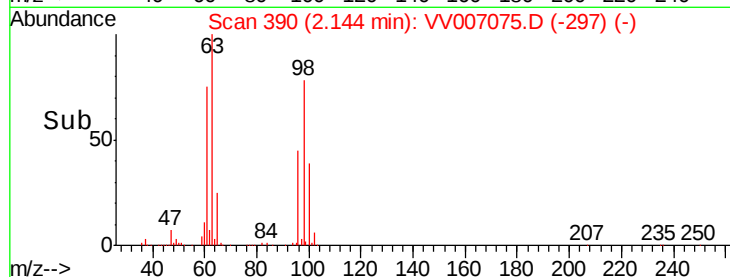
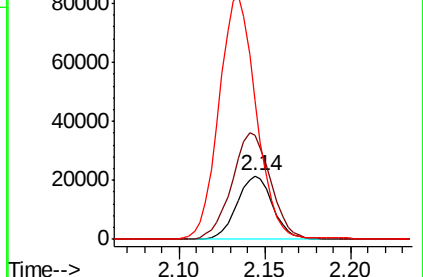
63 220.5 84.9 157.7#



Abundance Ion 96.00 (95.70 to 96.70): VV007066.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VV007066.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VV007066.D (-376) (-)



#13

Acetone

Concen: 4.455 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007075.D

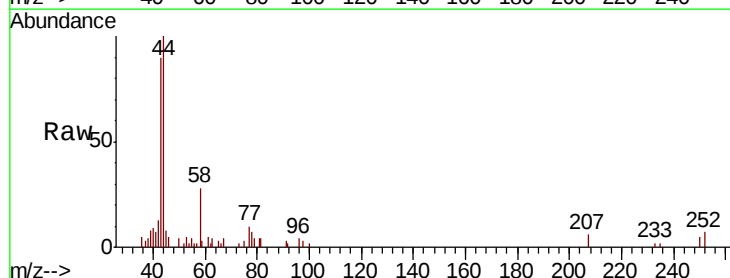
Acq: 20 Aug 2018 16:09

Tgt Ion: 43 Resp: 9971

Ion Ratio Lower Upper

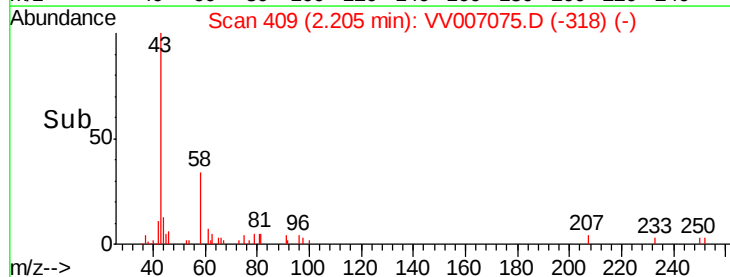
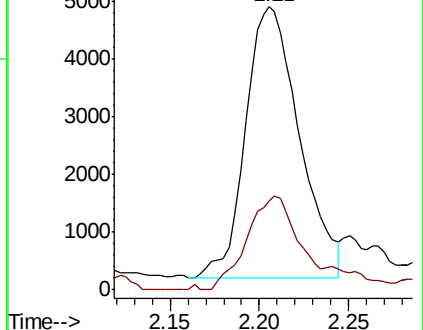
43 100

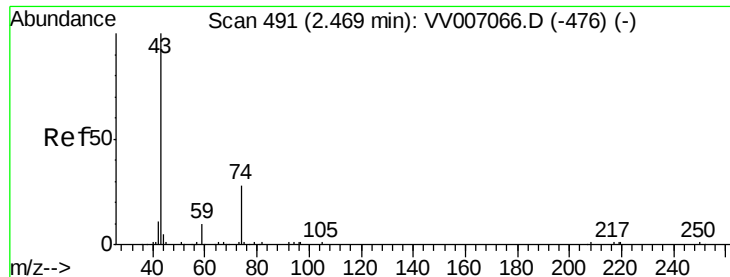
58 38.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007066.D (-396) (-)

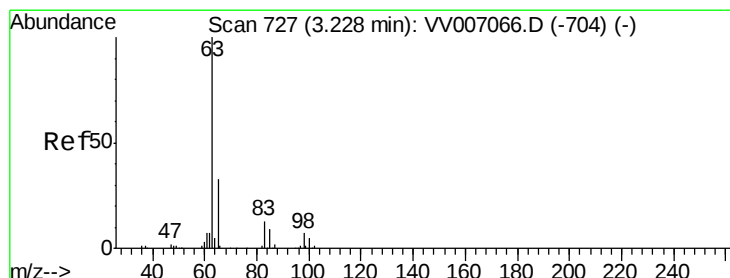
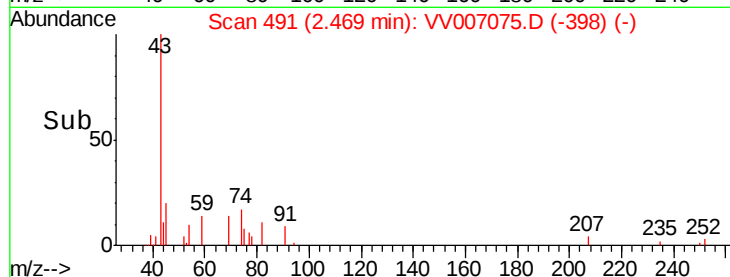
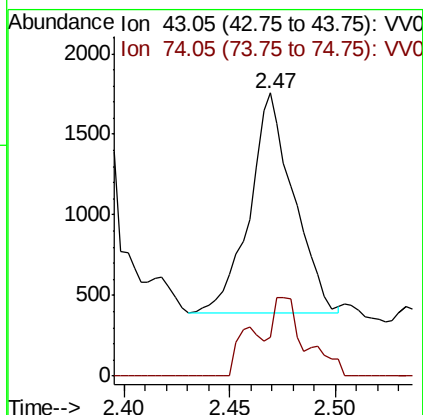
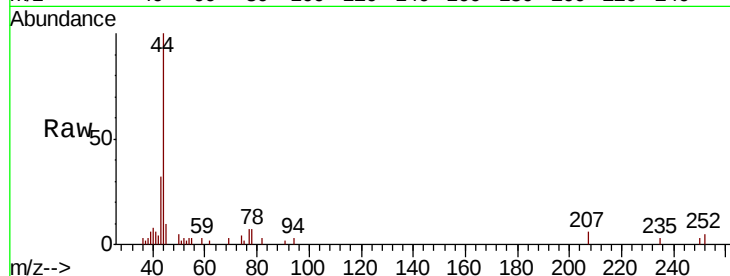




#15
Methvl Acetate
Concen: 0.316 ug/L
RT: 2.47 min Scan# 491
Delta R.T. -0.00 min
Lab File: VV007075.D
Acq: 20 Aug 2018 16:09

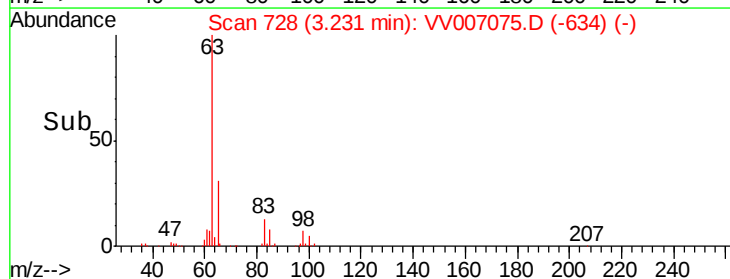
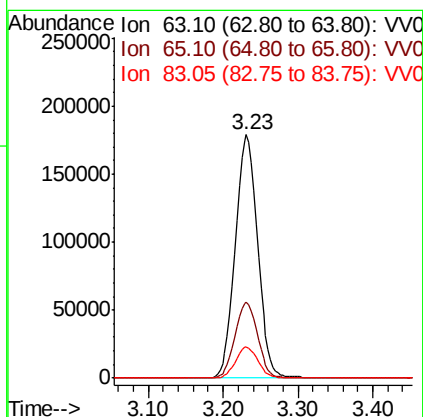
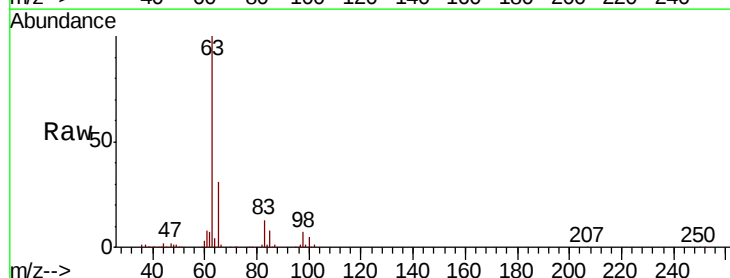
Instrument :
MSVOA_V
ClientSampled :
C0300

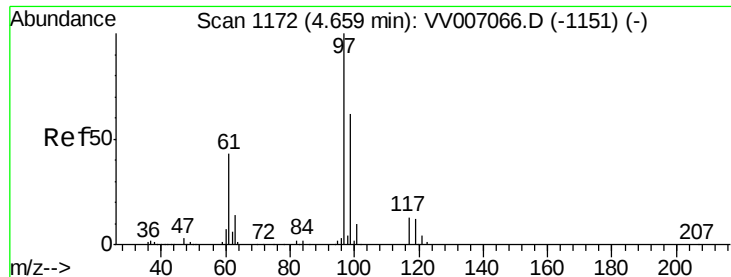
Tot Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
74 27.0 24.6 37.0



#19
1,1-Dichloroethane
Concen: 11.480 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007075.D
Acq: 20 Aug 2018 16:09

Tgt Ion: 63 Resp: 373158
Ion Ratio Lower Upper
63 100
65 31.4 21.7 40.3
83 12.8 10.0 18.6



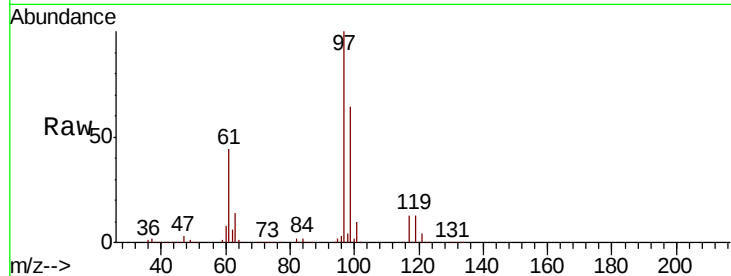


#29
 1,1,1-Trichloroethane
 Concen: 70.746 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007075.D
 Acq: 20 Aug 2018 16:09

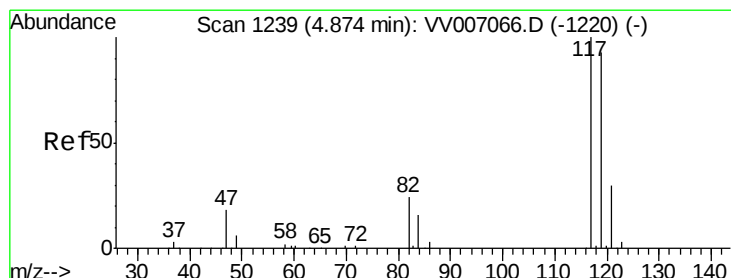
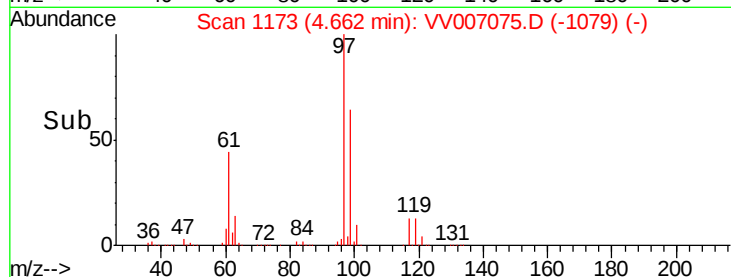
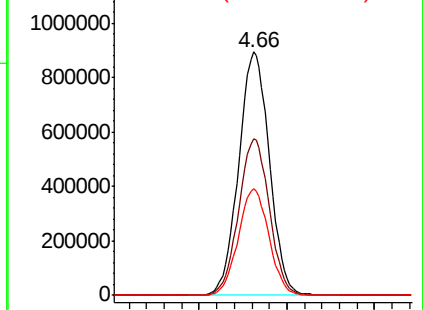
Instrument :
 MSVOA_V
 ClientSampleId :
 C0300

Tot Ion: 97 Resp: 2181496

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	43.8	36.6	54.8



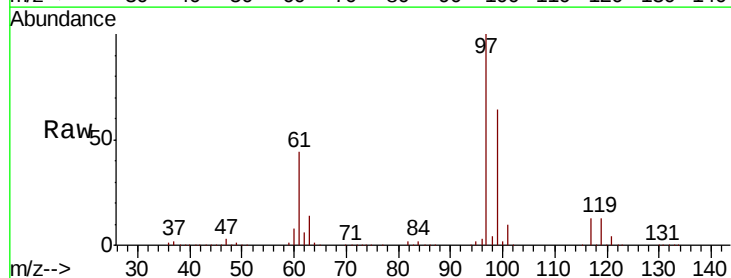
Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0



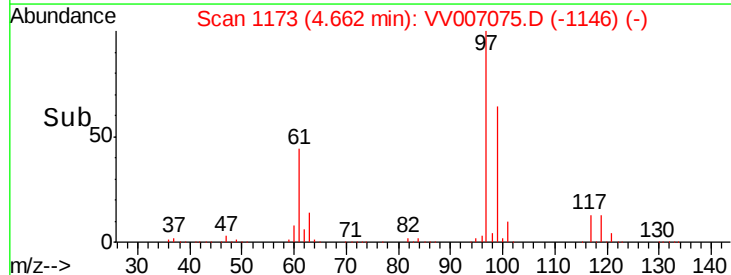
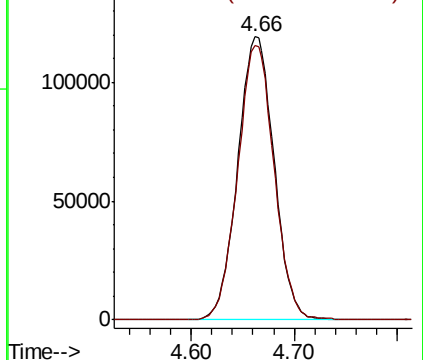
#31
 Carbon tetrachloride
 Concen: 11.281 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.21 min
 Lab File: VV007075.D
 Acq: 20 Aug 2018 16:09

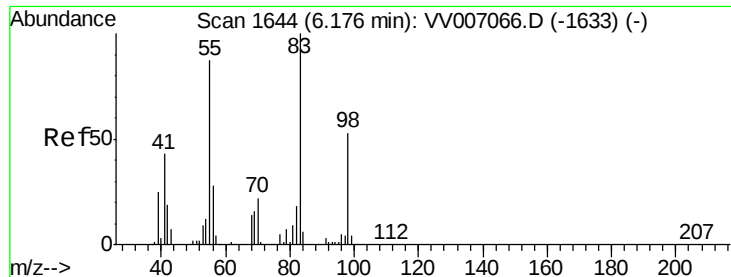
Tgt Ion: 117 Resp: 291731

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

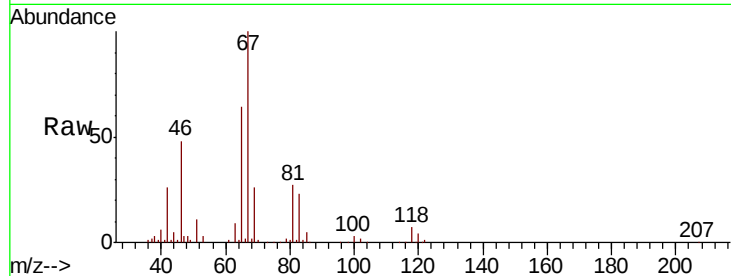




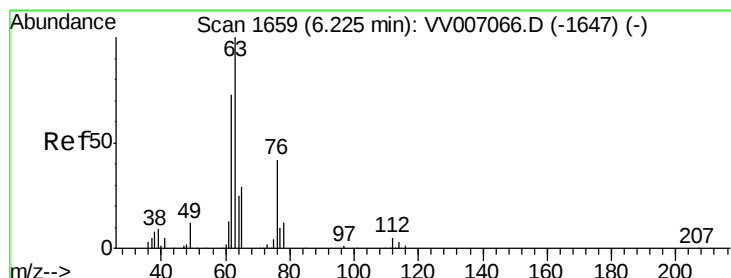
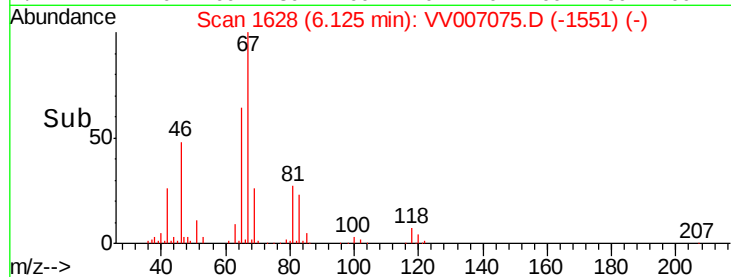
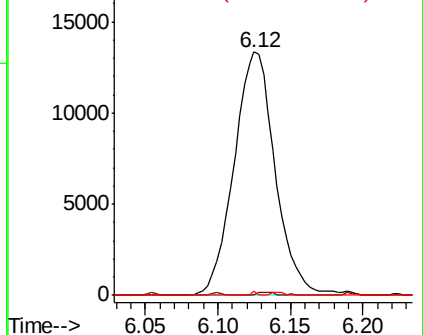
#35
Methvlcvclohexane
Concen: 0.853 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007075.D
Acq: 20 Aug 2018 16:09

Instrument :
MSVOA_V
ClientSampleId :
C0300

Tot Ion: 83 Resp: 26306
Ion Ratio Lower Upper
83 100
55 0.3 68.1 102.1#
98 0.2 37.9 56.9#

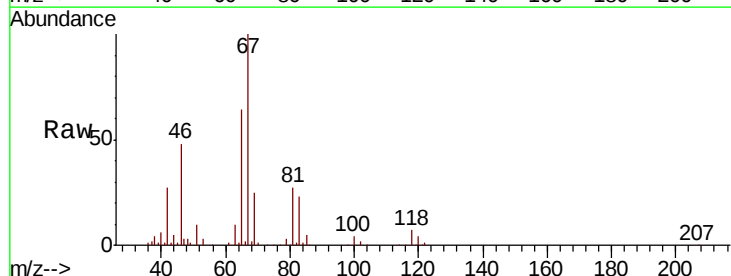


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

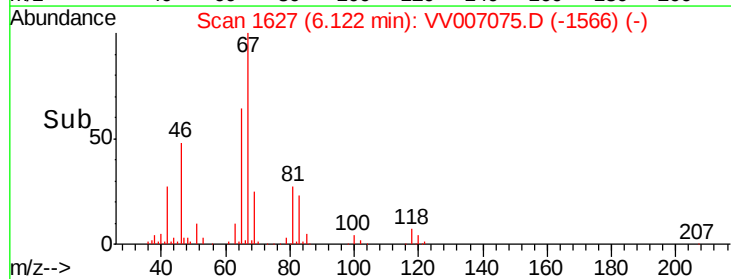
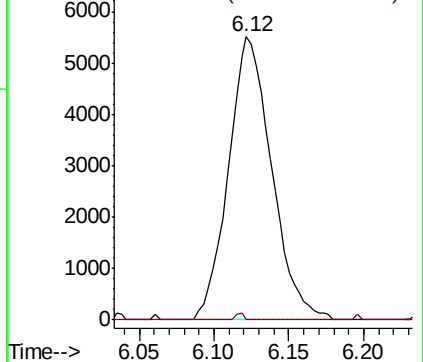


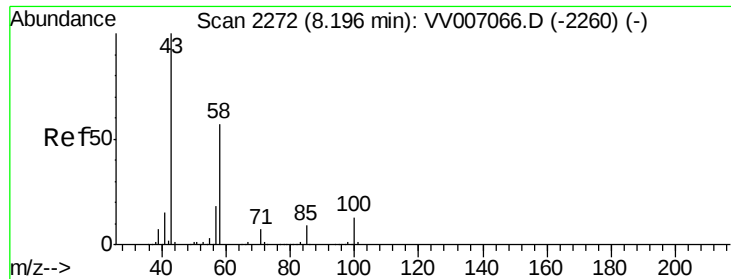
#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VV007075.D
Acq: 20 Aug 2018 16:09

Tgt Ion: 63 Resp: 11081
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#



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





#48
 2-Hexanone
 Concen: 4.707 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007075.D
 Acq: 20 Aug 2018 16:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0300

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.3	44.2	66.2
57	19.6	14.8	22.2
100	8.2	8.8	13.2

