

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007086.D
 Acq On : 20 Aug 2018 21:46
 Operator : SY/MD
 Sample : J4488-20
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0321

Quant Time: Aug 21 05:27:00 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	234021	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77084	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	71787	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	117046	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.97	46	237292	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.40	84	171973	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.09	65	89079	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.10	84	320672	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.12	67	111052	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.37	98	233140	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	22696	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
46) 2-Hexanone-d5	8.15	63	87386	30.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83528	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	84809	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

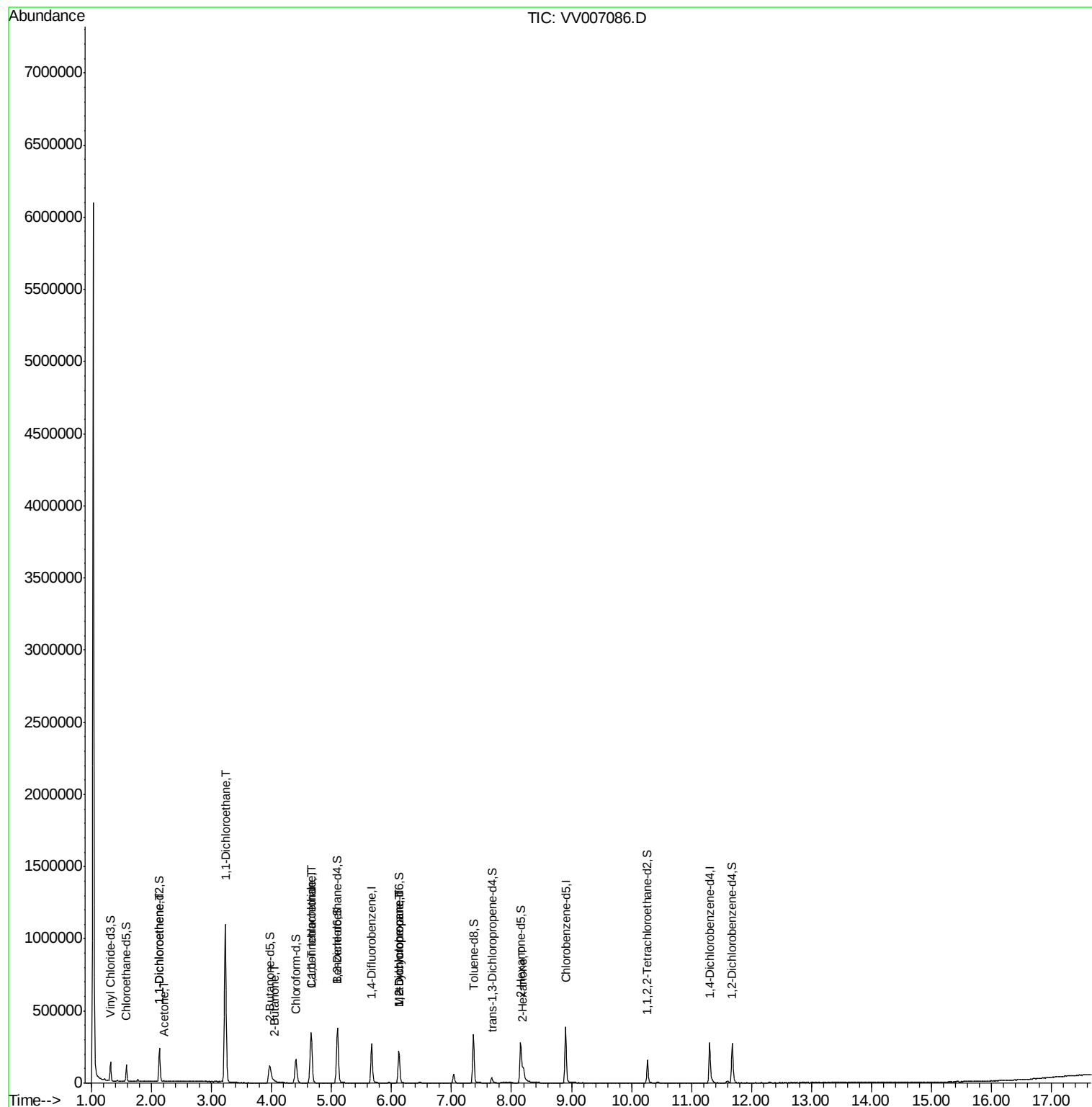
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	11039	0.657	ug/L #	1
13) Acetone	2.21	43	4613	2.062	ug/L	91
19) 1,1-Dichloroethane	3.23	63	1134248	34.915	ug/L	98
21) 2-Butanone	4.06	43	2352	0.484	ug/L #	73
29) 1,1,1-Trichloroethane	4.66	97	276154	8.922	ug/L	98
31) Carbon tetrachloride	4.66	117	36804	1.418	ug/L	97
35) Methylcyclohexane	6.12	83	26089	0.843	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11333	0.515	ug/L #	87
48) 2-Hexanone	8.20	43	50431	6.014	ug/L #	89

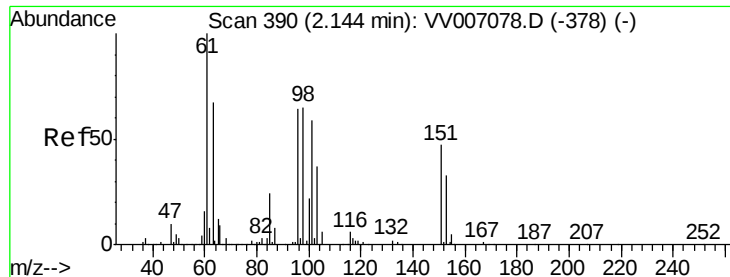
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.657 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007086.D

Acq: 20 Aug 2018 21:46

Instrument :

MSVOA_V

ClientSampled :

C0321

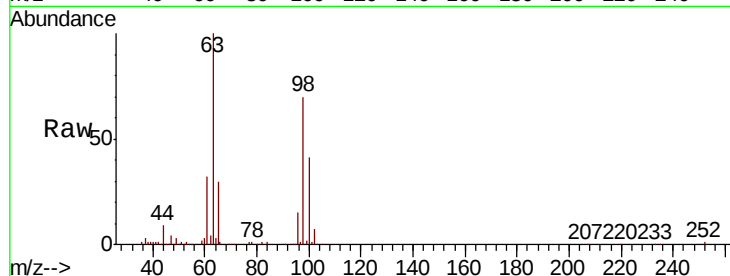
Tot Ion: 96 Resp: 11039

Ion Ratio Lower Upper

96 100

61 218.9 111.6 207.4#

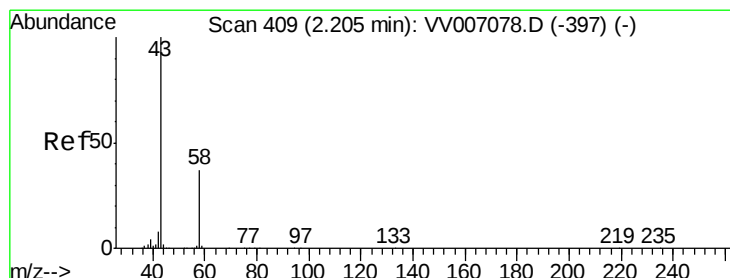
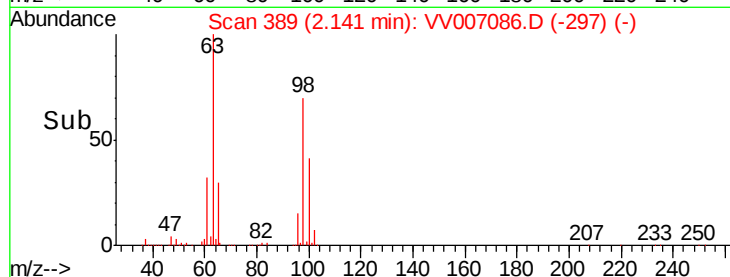
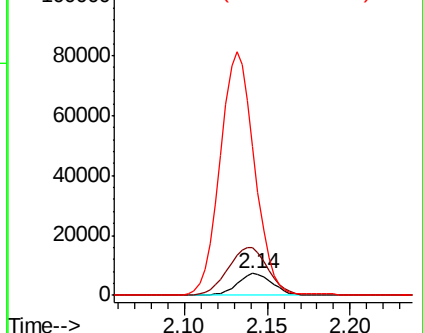
63 682.5 84.9 157.7#



Abundance Ion 96.00 (95.70 to 96.70): VV007078.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VV007078.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VV007078.D (-378) (-)



#13

Acetone

Concen: 2.062 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV007086.D

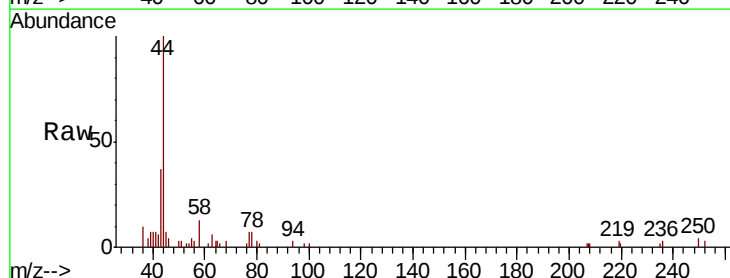
Acq: 20 Aug 2018 21:46

Tgt Ion: 43 Resp: 4613

Ion Ratio Lower Upper

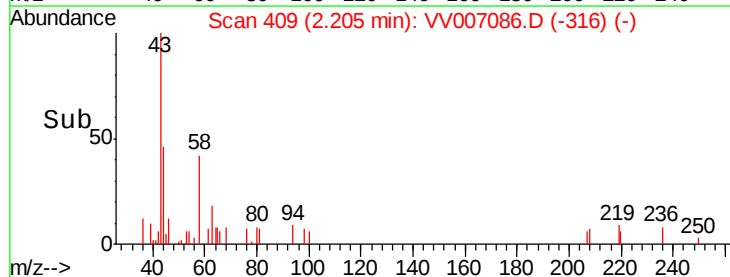
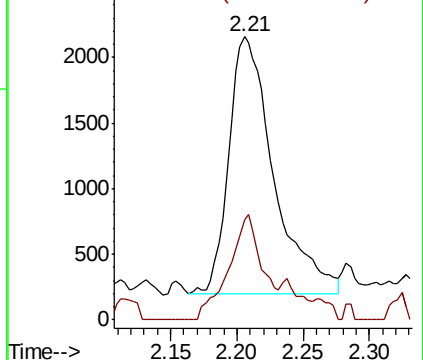
43 100

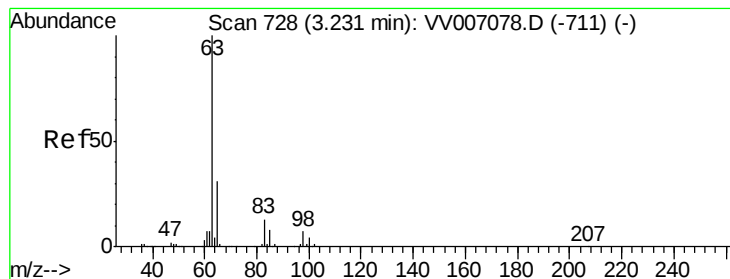
58 30.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007078.D (-397) (-)





#19

1,1-Dichloroethane

Concen: 34.915 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007086.D

Acq: 20 Aug 2018 21:46

Instrument :

MSVOA_V

ClientSampled :

C0321

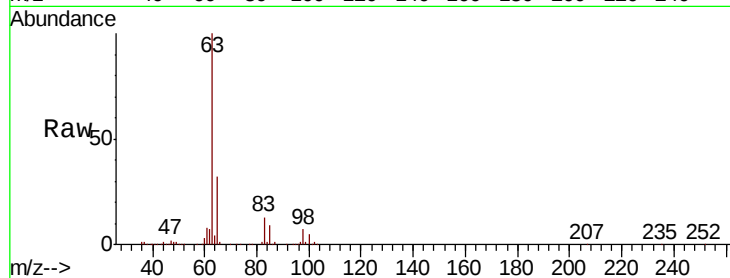
Tot Ion: 63 Resp: 1134248

Ion Ratio Lower Upper

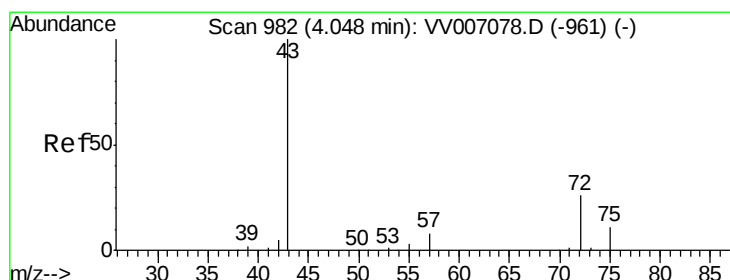
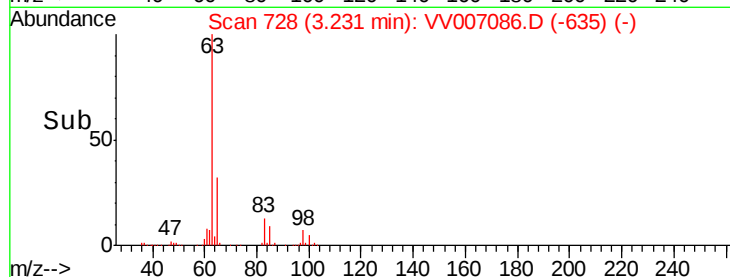
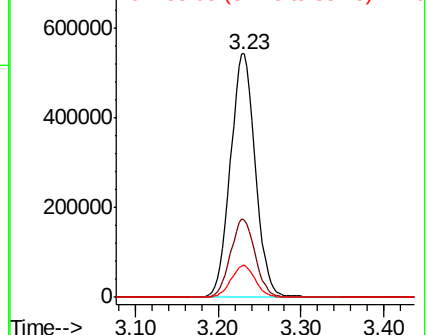
63 100

65 32.0 21.7 40.3

83 13.2 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#21

2-Butanone

Concen: 0.484 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.02 min

Lab File: VV007086.D

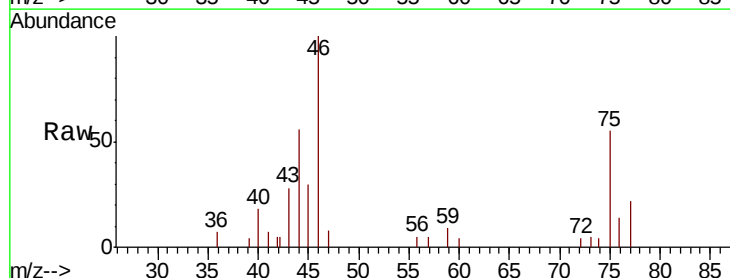
Acq: 20 Aug 2018 21:46

Tgt Ion: 43 Resp: 2352

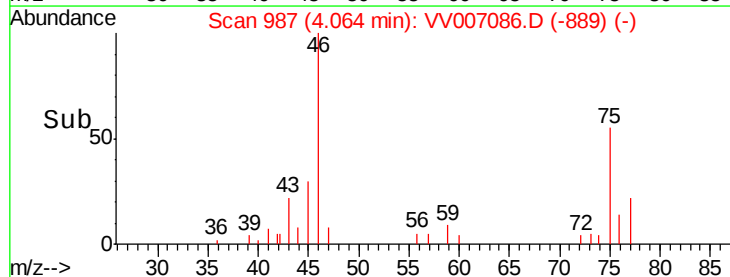
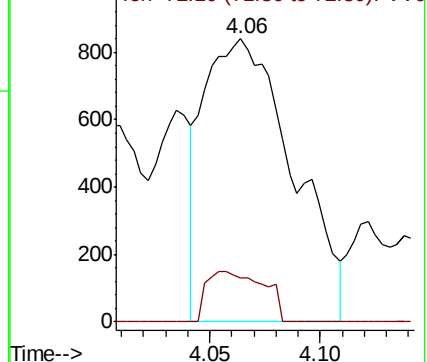
Ion Ratio Lower Upper

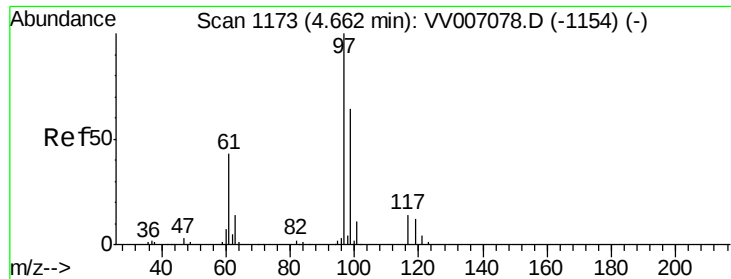
43 100

72 11.5 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

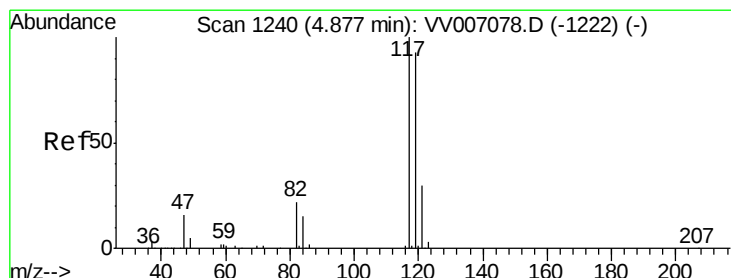
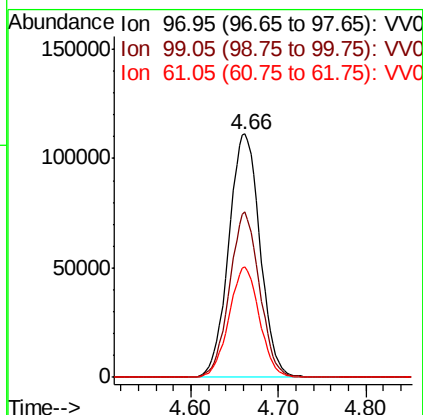
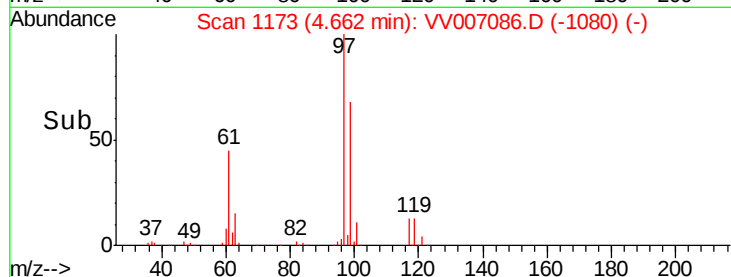
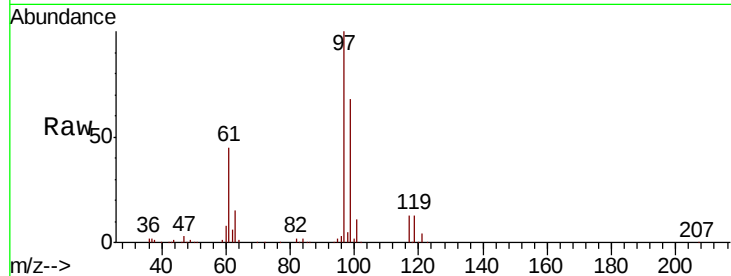




#29
 1,1,1-Trichloroethane
 Concen: 8.922 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007086.D
 Acq: 20 Aug 2018 21:46

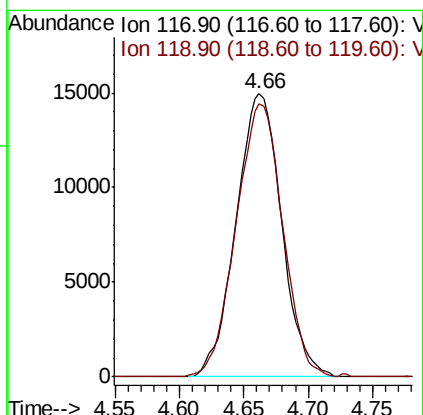
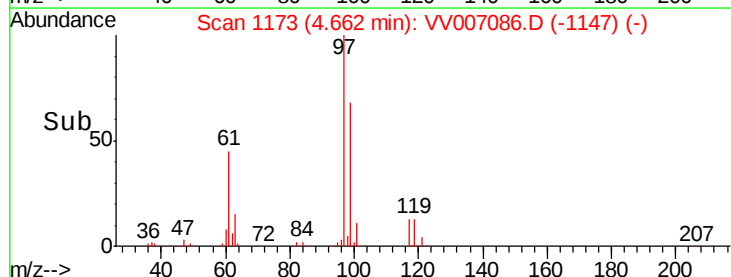
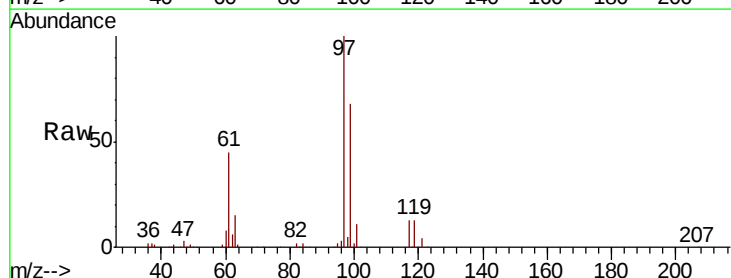
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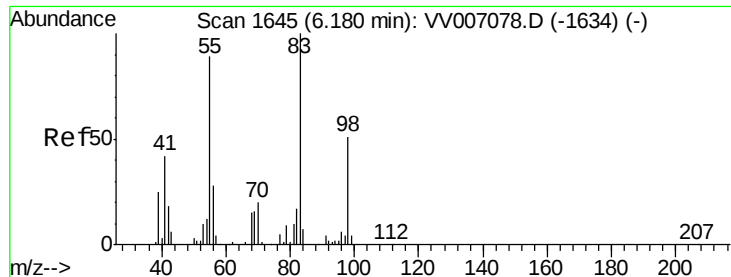
Tot Ion	97	Resp	276154
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.6
61	44.2	36.6	54.8



#31
 Carbon tetrachloride
 Concen: 1.418 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007086.D
 Acq: 20 Aug 2018 21:46

Tgt Ion	117	Resp	36804
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.2	114.4

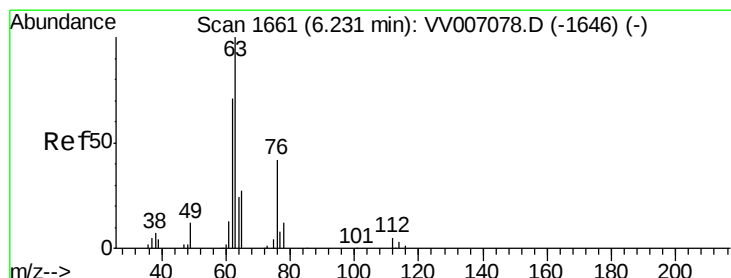
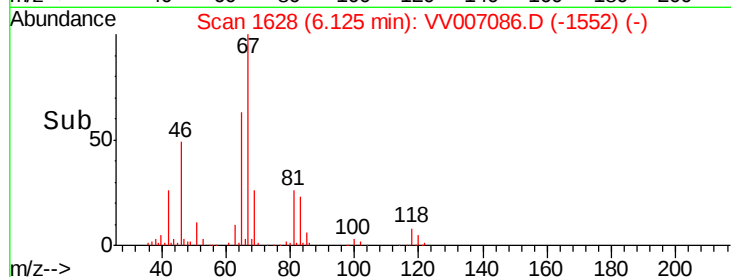
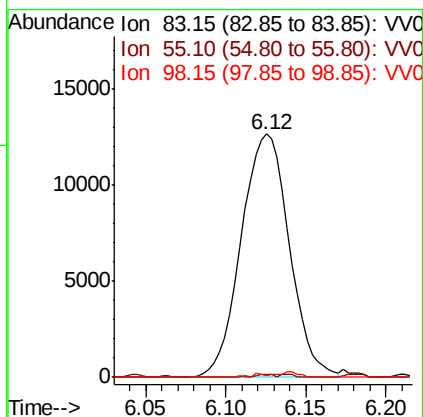
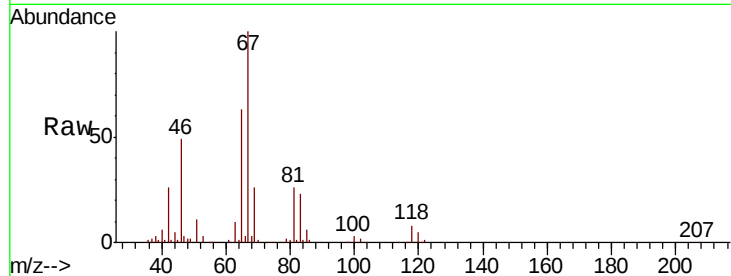




#35
Methvlcvclohexane
Concen: 0.843 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007086.D
Acq: 20 Aug 2018 21:46

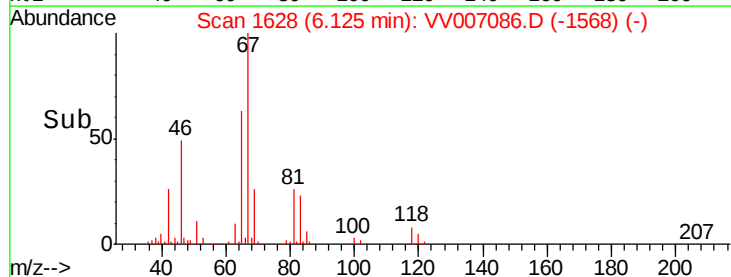
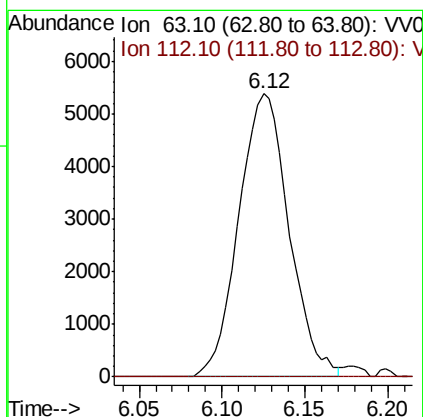
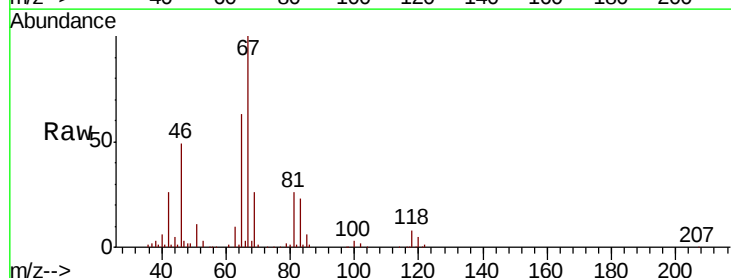
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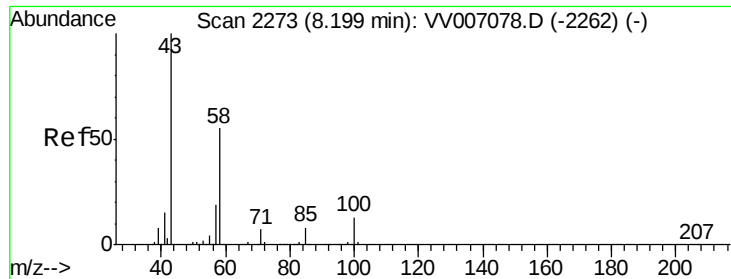
Tot Ion: 83 Resp: 26089
Ion Ratio Lower Upper
83 100
55 0.5 68.1 102.1#
98 0.3 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VV007086.D
Acq: 20 Aug 2018 21:46

Tgt Ion: 63 Resp: 11333
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#





#48
 2-Hexanone
 Concen: 6.014 ug/L
 RT: 8.20 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VV007086.D
 Acq: 20 Aug 2018 21:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0321

Tot Ion: 43 Resp: 50431
 Ion Ratio Lower Upper
 43 100
 58 43.5 44.2 66.2#
 57 18.4 14.8 22.2
 100 10.6 8.8 13.2

