

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007095.D
 Acq On : 21 Aug 2018 01:46
 Operator : SY/MD
 Sample : J4515-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0334

Quant Time: Aug 21 05:28:20 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	233648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74792	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	68990	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	106789	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.97	46	229914	53.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	4.40	84	165840	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.09	65	87857	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.10	84	310522	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	105398	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.37	98	225964	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	21744	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.15	63	85668	29.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81698	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	79496	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

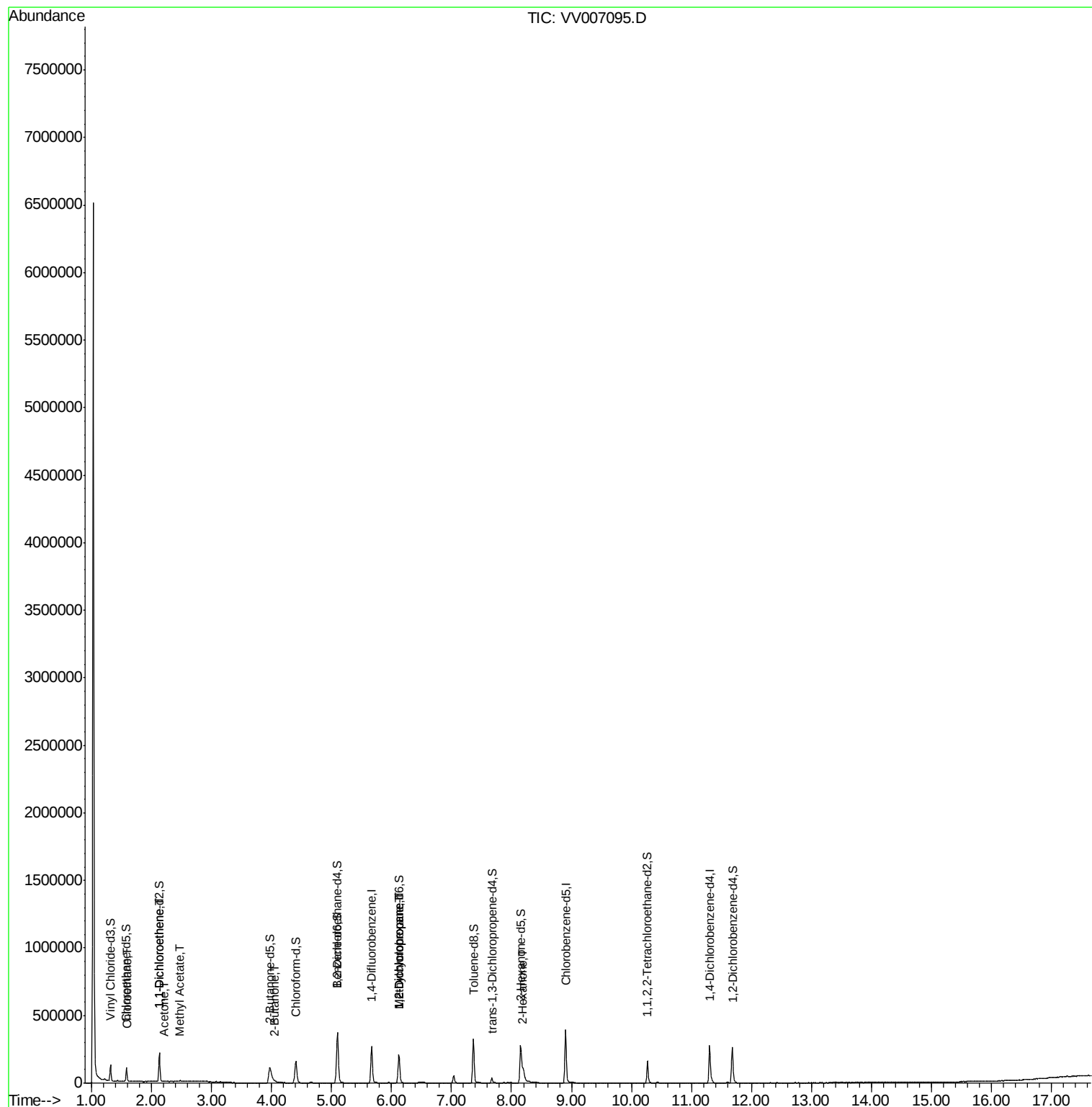
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	3197	0.233	ug/L	88
12) 1,1-Dichloroethene	2.14	96	3788	0.226	ug/L #	1
13) Acetone	2.21	43	4373	1.958	ug/L	95
15) Methyl Acetate	2.47	43	8416	1.339	ug/L	98
21) 2-Butanone	4.05	43	1099	0.227	ug/L	79
35) Methylcyclohexane	6.12	83	25317	0.823	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10592	0.484	ug/L #	87
48) 2-Hexanone	8.20	43	44523	5.340	ug/L	97

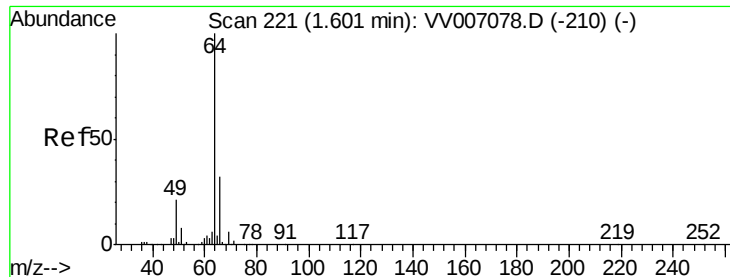
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
Data File : VV007095.D
Acq On : 21 Aug 2018 01:46
Operator : SY/MD
Sample : J4515-10
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0334

Quant Time: Aug 21 05:28:20 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





#8

Chloroethane

Concen: 0.233 ug/L

RT: 1.60 min Scan# 221

Delta R.T. 0.00 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

Instrument :

MSVOA_V

ClientSampleId :

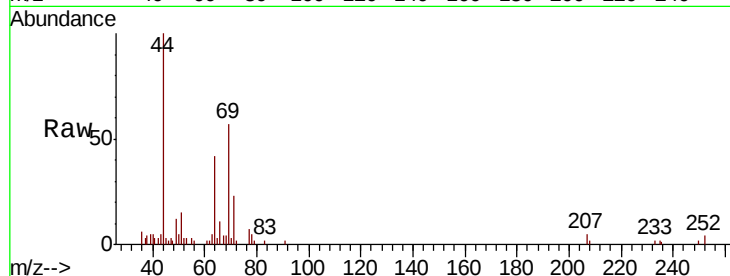
C0334

Tot Ion: 64 Resp: 3197

Ion Ratio Lower Upper

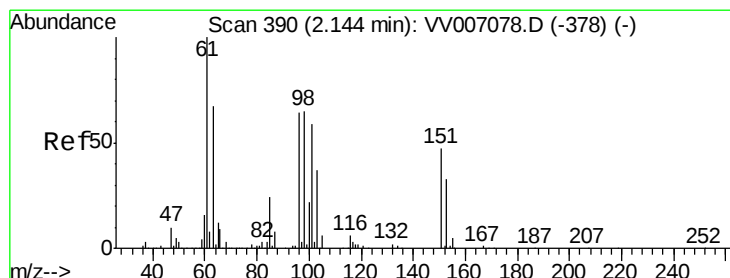
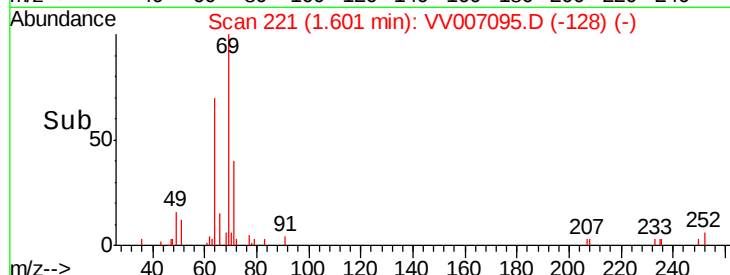
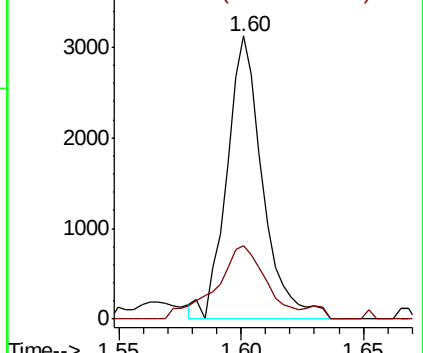
64 100

66 25.7 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.226 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

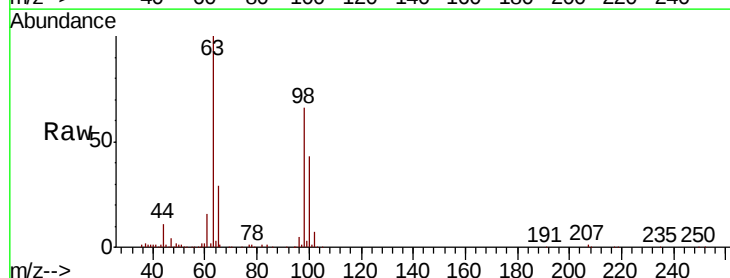
Tgt Ion: 96 Resp: 3788

Ion Ratio Lower Upper

96 100

61 347.1 111.6 207.4#

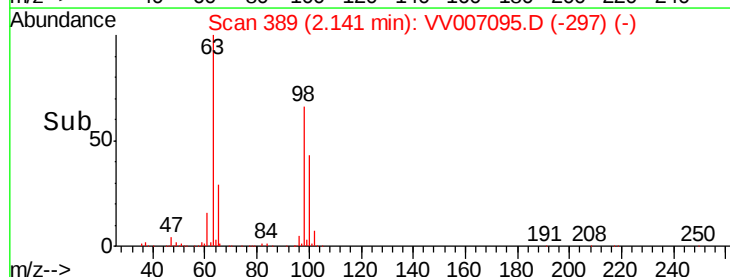
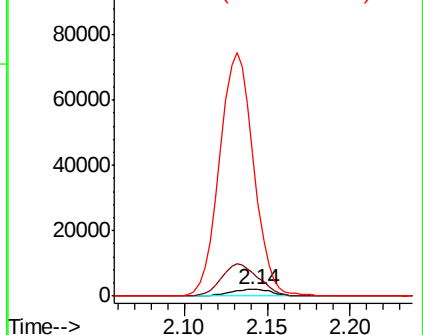
63 2121.8 84.9 157.7#

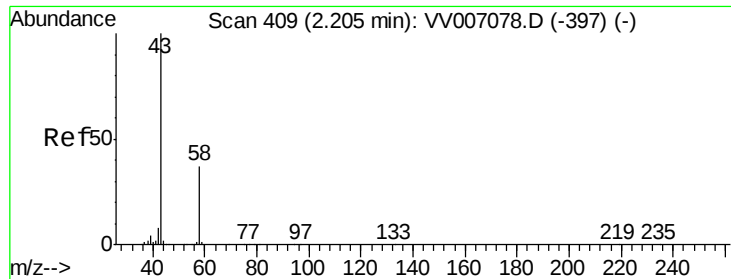


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.958 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

Instrument :

MSVOA_V

ClientSampleId :

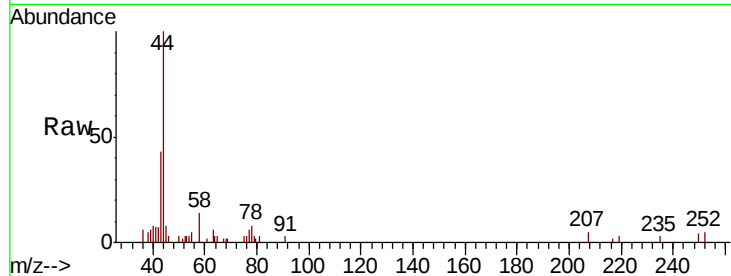
C0334

Tot Ion: 43 Resp: 4373

Ion Ratio Lower Upper

43 100

58 38.4 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) (-)

2.21

2500

2000

1500

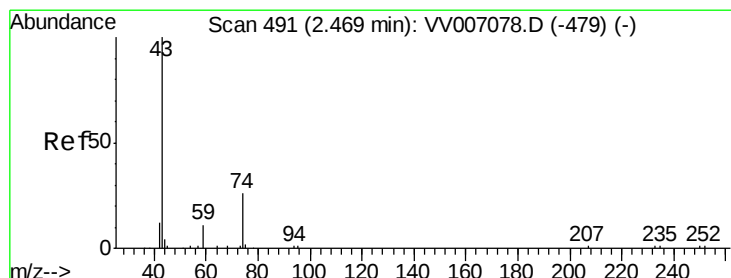
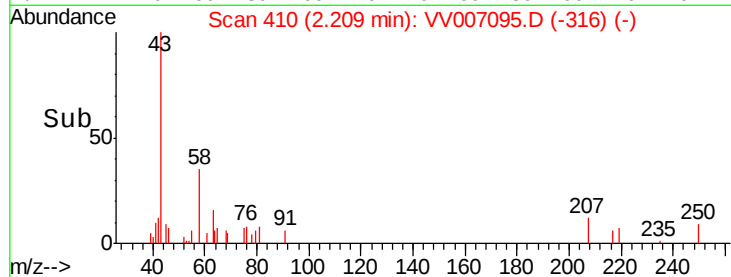
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#15

Methyl Acetate

Concen: 1.339 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.00 min

Lab File: VV007095.D

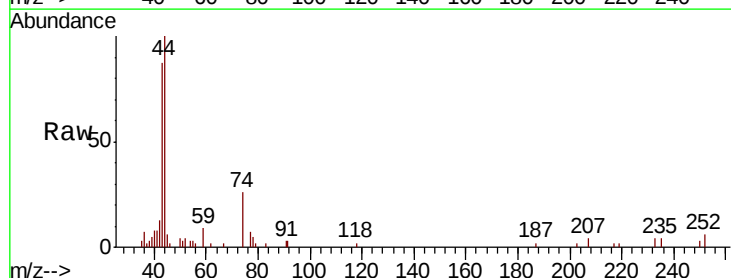
Acq: 21 Aug 2018 01:46

Tgt Ion: 43 Resp: 8416

Ion Ratio Lower Upper

43 100

74 31.8 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-479) (-)

Ion 74.05 (73.75 to 74.75): VV007078.D (-479) (-)

2.47

5000

4000

3000

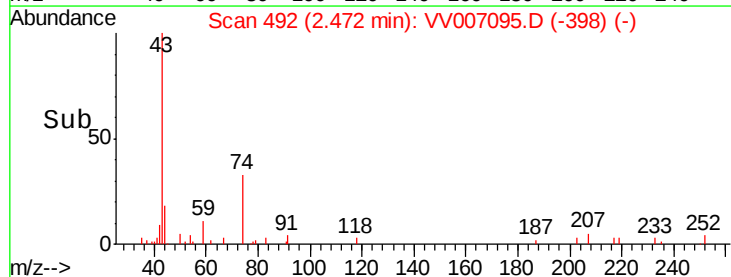
2000

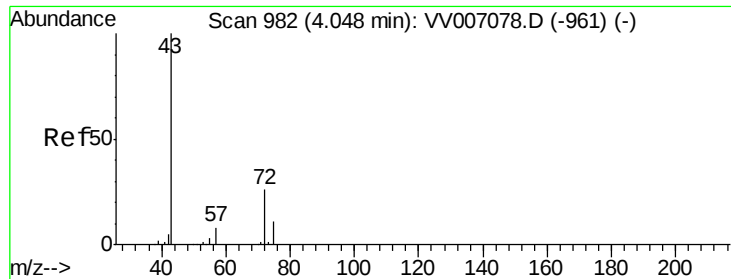
1000

0

2.40 2.45 2.50

Time-->





#21

2-Butanone

Concen: 0.227 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

Instrument :

MSVOA_V

ClientSampled :

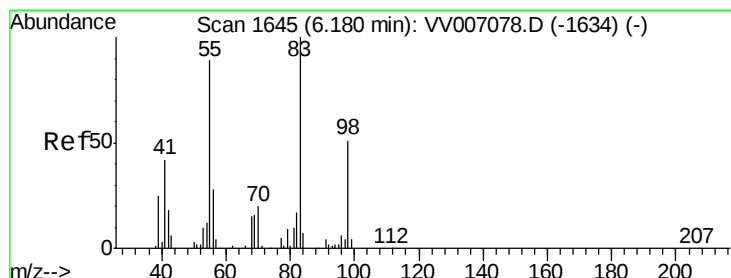
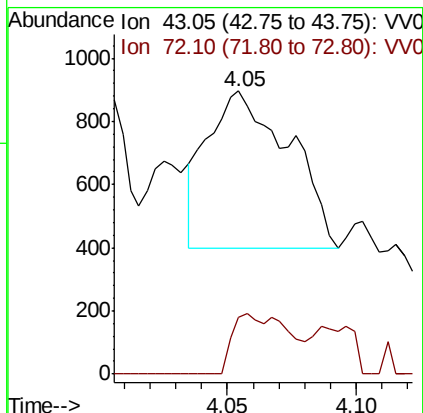
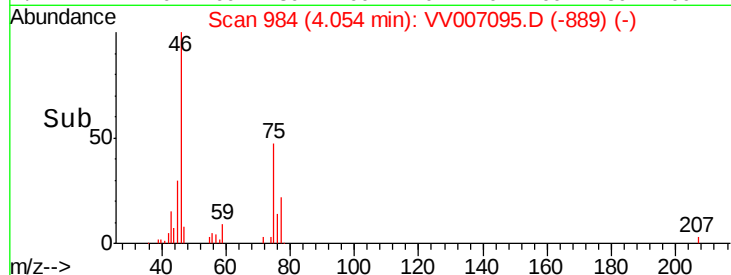
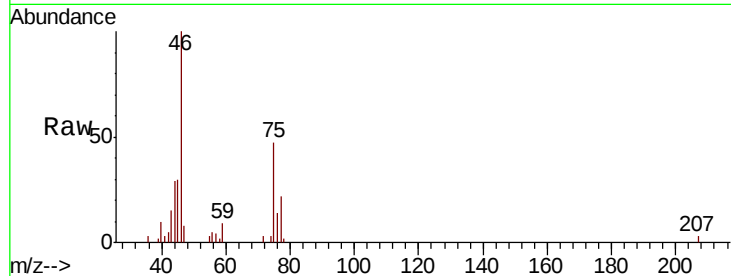
C0334

Tot Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

72 14.4 12.4 37.2



#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

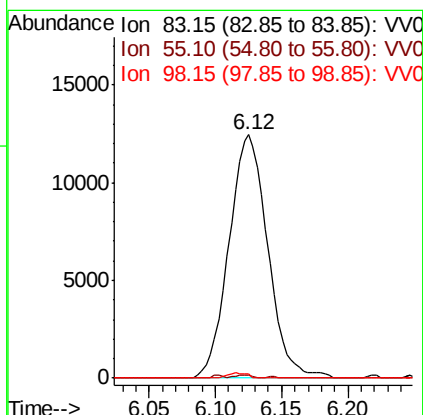
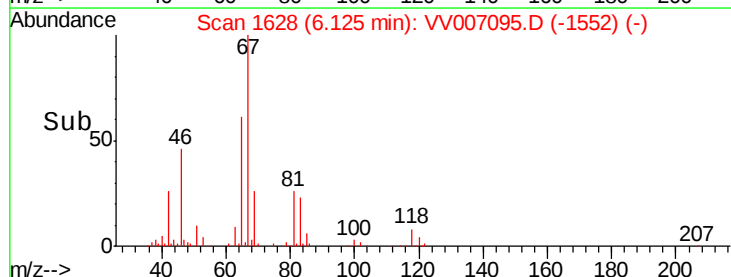
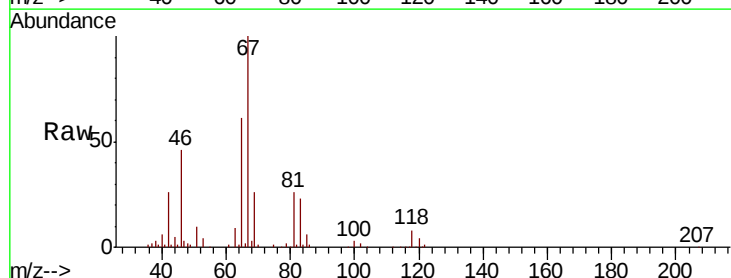
Tgt Ion: 83 Resp: 25317

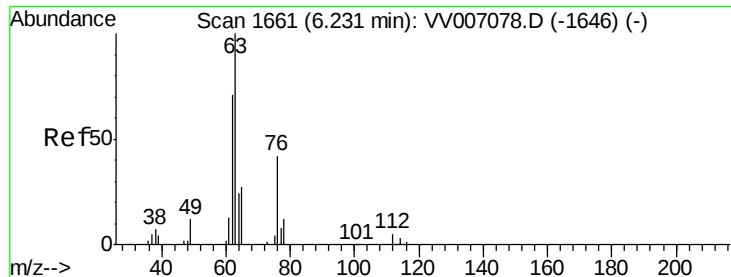
Ion Ratio Lower Upper

83 100

55 0.6 68.1 102.1#

98 1.1 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

Instrument :

MSVOA_V

ClientSampleId :

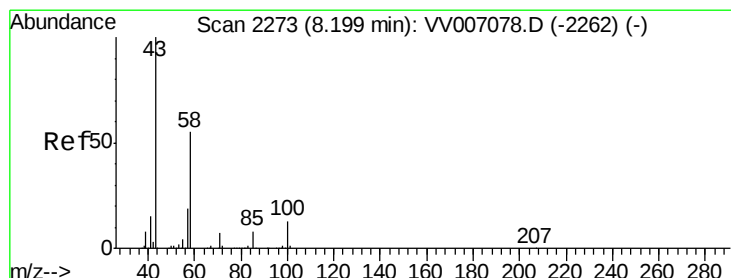
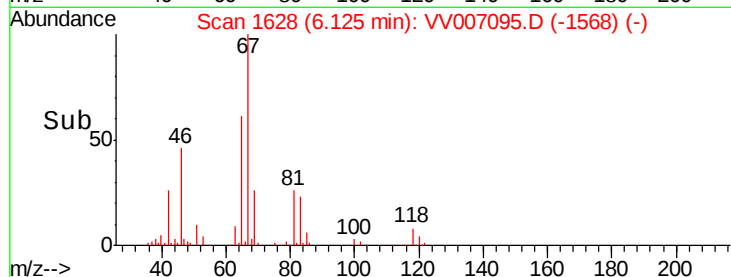
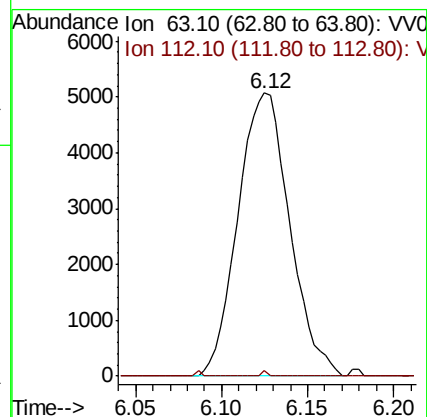
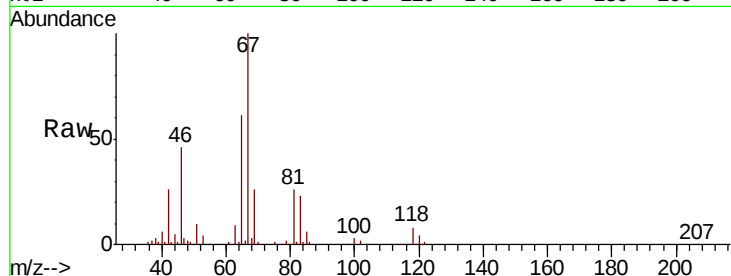
C0334

Tot Ion: 63 Resp: 10592

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#48

2-Hexanone

Concen: 5.340 ug/L

RT: 8.20 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VV007095.D

Acq: 21 Aug 2018 01:46

Tgt Ion: 43 Resp: 44523

Ion Ratio Lower Upper

43 100

58 53.2 44.2 66.2

57 20.3 14.8 22.2

100 12.0 8.8 13.2

