

Data File : VV011281.D
Acq On : 07 Jun 2019 09:07
Operator : SY/MD
Sample : K3228-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P04

Quant Time: Jun 08 00:04:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149841	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52448	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.55	69	42567	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	80495	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.94	46	152836	59.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.58%
24) Chloroform-d	4.40	84	97639	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	55426	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.09	84	195640	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.11	67	60848	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	172338	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.66	79	18244	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.13	63	122776	58.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45266	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	56954	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

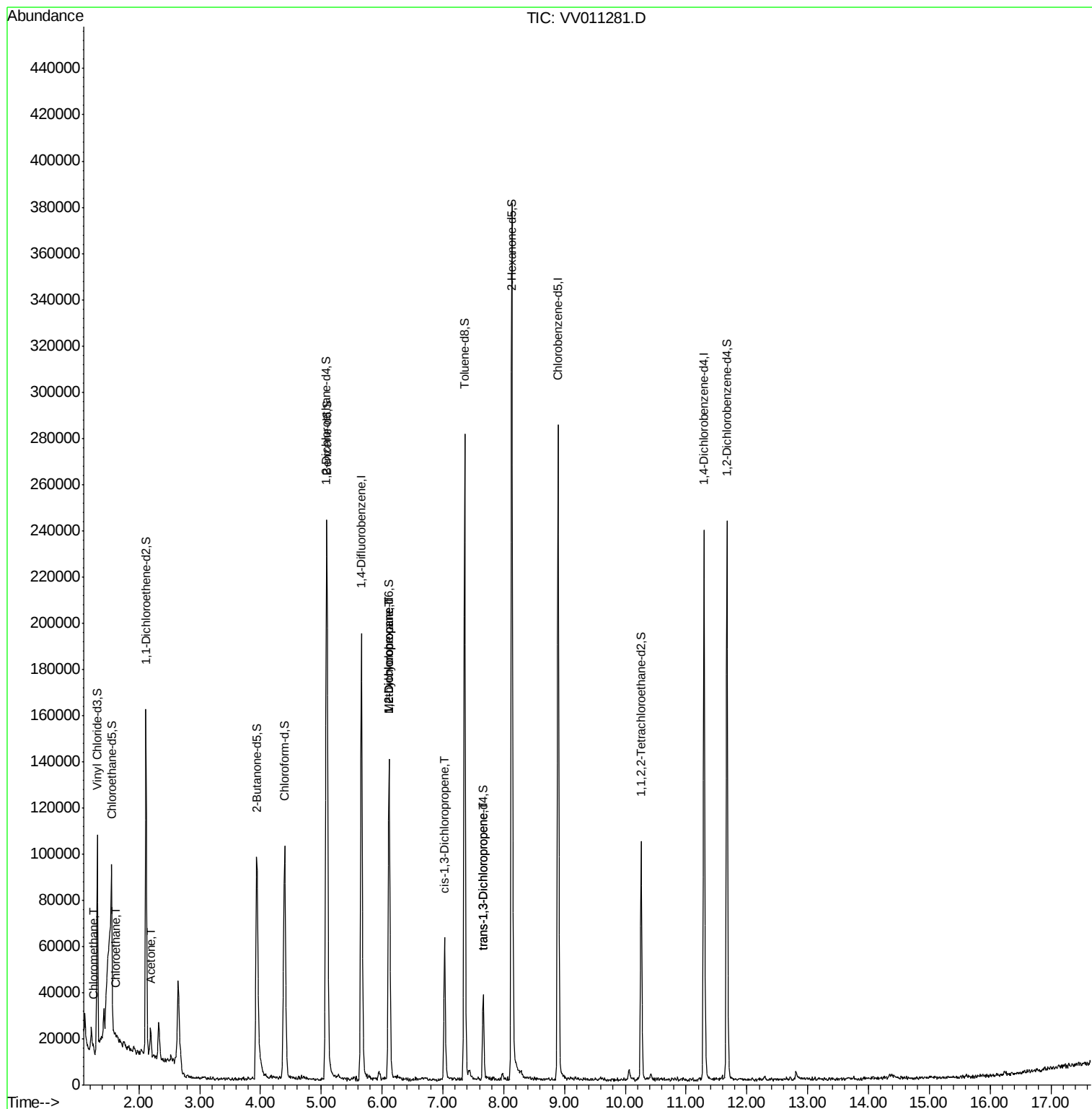
					Qvalue
3) Chloromethane	1.25	50	1911	0.134 ug/L	88
8) Chloroethane	1.61	64	820	0.093 ug/L #	58
13) Acetone	2.19	43	5988	3.494 ug/L	93
35) Methylcyclohexane	6.12	83	14385	0.747 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7267	0.648 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1787	0.109 ug/L #	73
44) trans-1,3-Dichloropropene	7.66	75	1157	0.093 ug/L	92

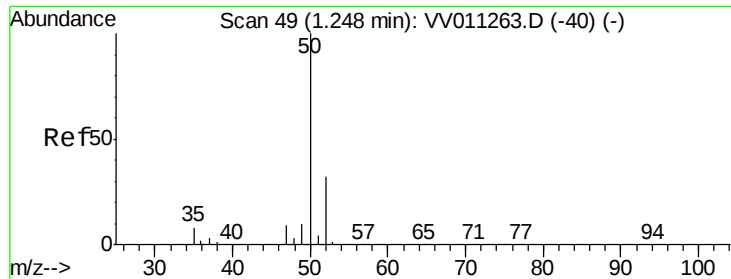
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011281.D

Acq: 07 Jun 2019 09:07

Instrument :

MSVOA_V

ClientSampleId :

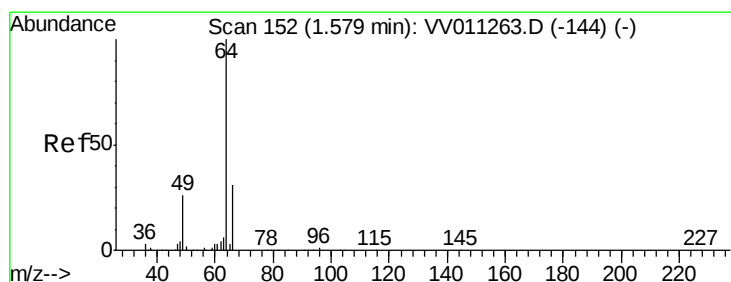
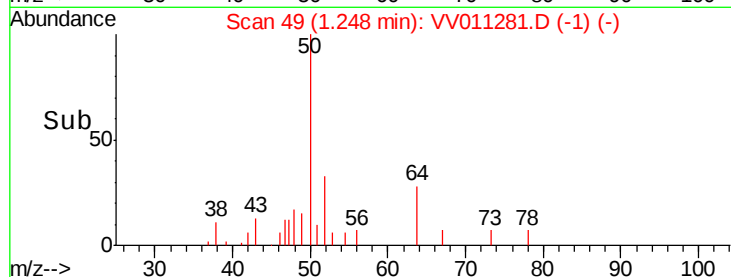
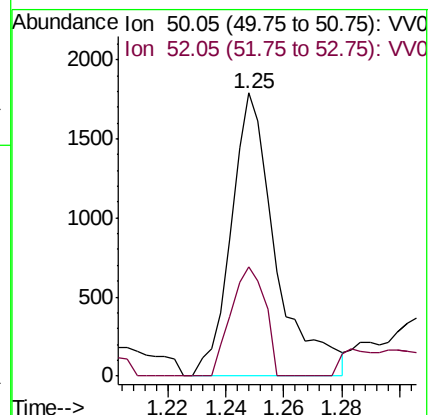
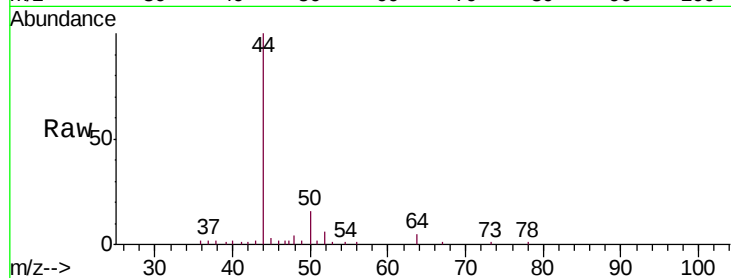
F9P04

Tgt Ion: 50 Resp: 1911

Ion Ratio Lower Upper

50 100

52 38.5 22.3 41.5



#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.61 min Scan# 161

Delta R.T. 0.03 min

Lab File: VV011281.D

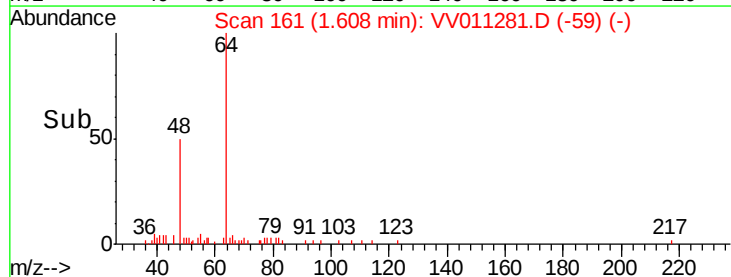
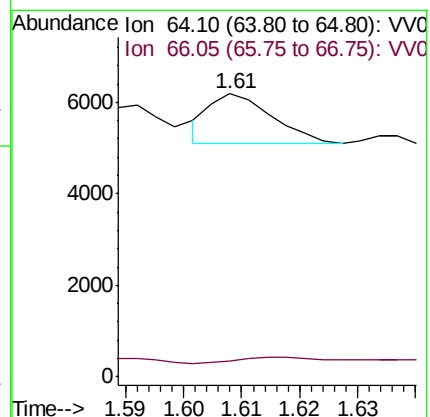
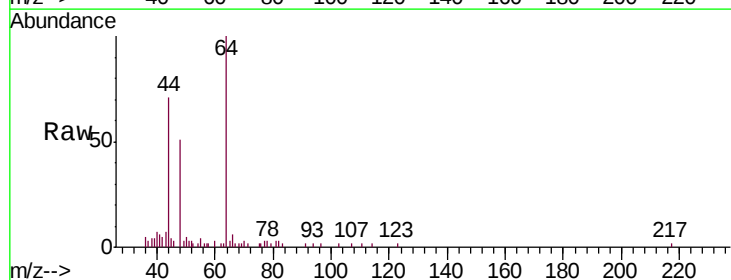
Acq: 07 Jun 2019 09:07

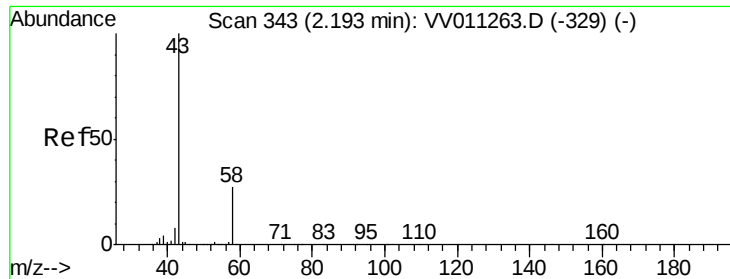
Tgt Ion: 64 Resp: 820

Ion Ratio Lower Upper

64 100

66 5.7 19.4 36.0#





#13

Acetone

Concen: 3.494 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011281.D

Acq: 07 Jun 2019 09:07

Instrument :

MSVOA_V

ClientSampleId :

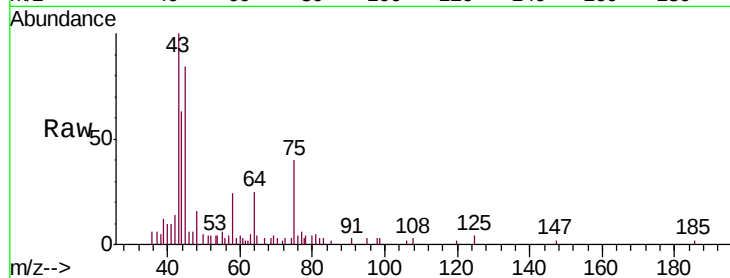
F9P04

Tgt Ion: 43 Resp: 5988

Ion Ratio Lower Upper

43 100

58 31.0 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011263.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VV011263.D (-329) (-)

2.19

4000

3000

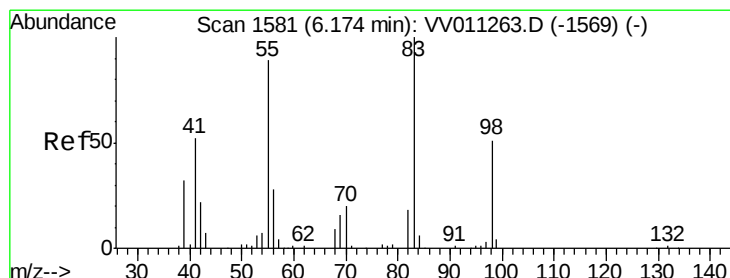
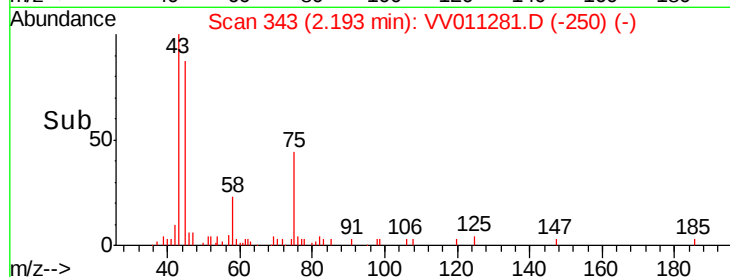
2000

1000

0

Time-->

2.15 2.20 2.25



#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011281.D

Acq: 07 Jun 2019 09:07

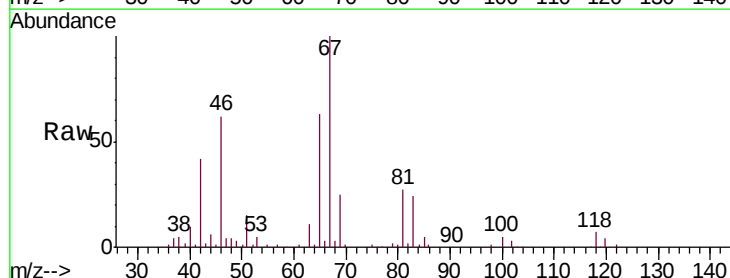
Tgt Ion: 83 Resp: 14385

Ion Ratio Lower Upper

83 100

55 1.8 67.0 100.6#

98 1.2 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV011263.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV011263.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV011263.D (-1569) (-)

6.12

10000

8000

6000

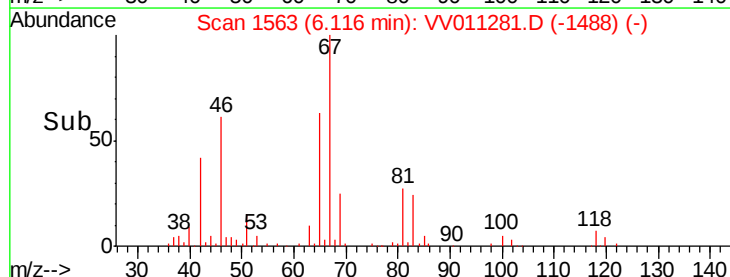
4000

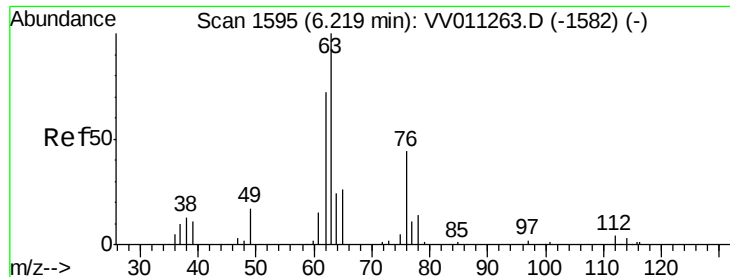
2000

0

Time-->

6.05 6.10 6.15

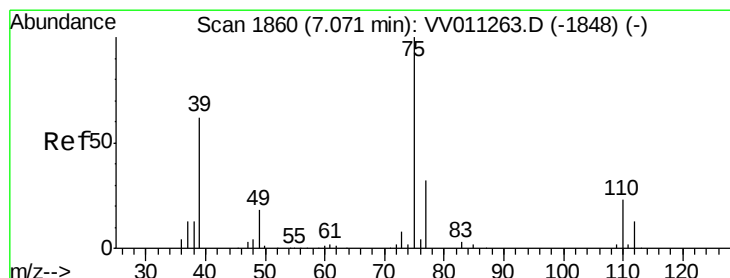
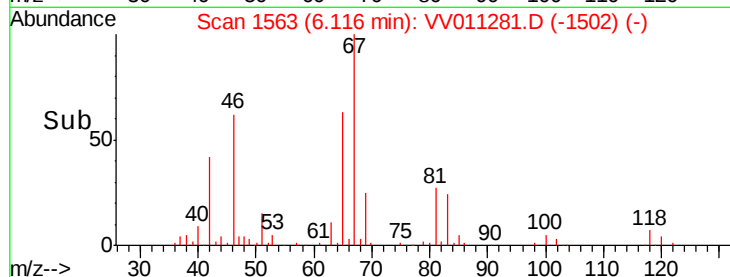
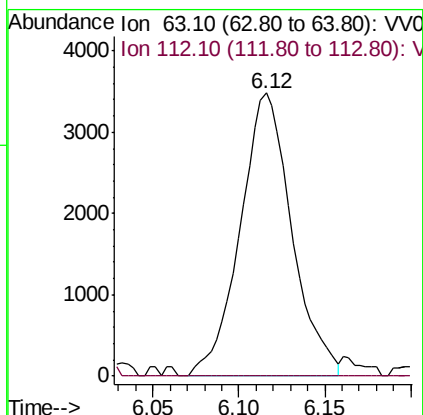
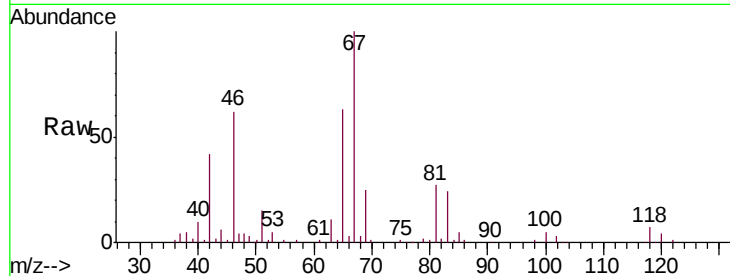




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011281.D
 Acq: 07 Jun 2019 09:07

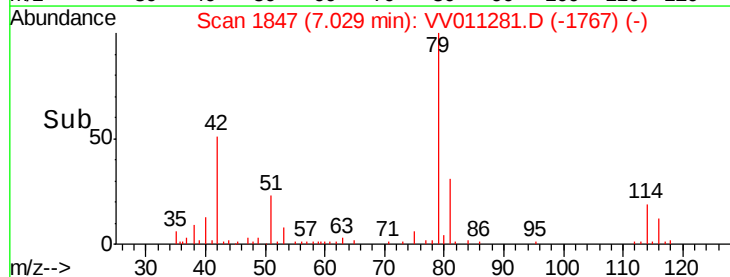
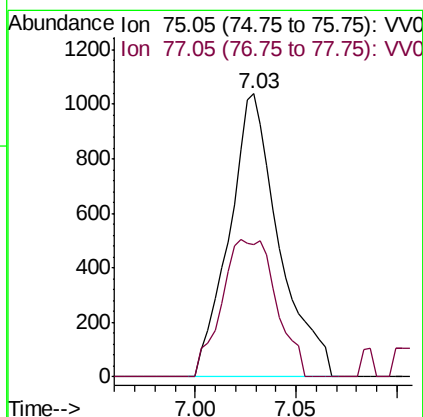
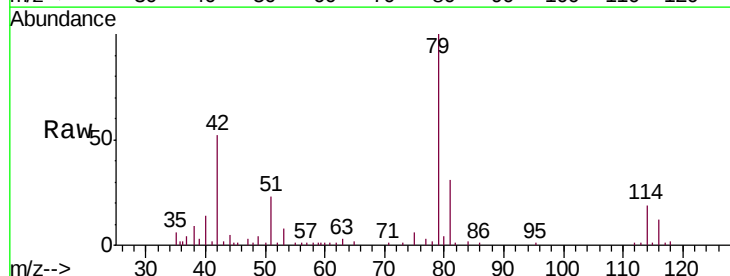
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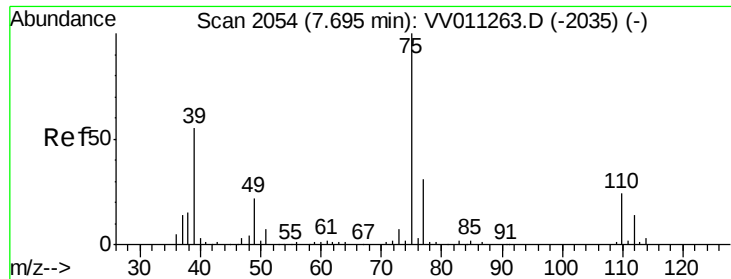
Tgt Ion: 63 Resp: 7267
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011281.D
 Acq: 07 Jun 2019 09:07

Tgt Ion: 75 Resp: 1787
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV011281.D

Acq: 07 Jun 2019 09:07

Instrument :

MSVOA_V

ClientSampleId :

F9P04

Tgt Ion: 75 Resp: 1157

Ion Ratio Lower Upper

75 100

77 37.3 23.1 42.9

