

Data File : VV010475.D
Acq On : 24 Apr 2019 21:26
Operator : SY/MD
Sample : K2477-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X69

Quant Time: Apr 25 04:06:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 04:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	227160	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61820	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	50014	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	93013	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	149775	53.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.70%
24) Chloroform-d	4.40	84	140678	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.09	65	69703	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	272648	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	80757	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	245197	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	26456	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	117521	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58314	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	101478	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

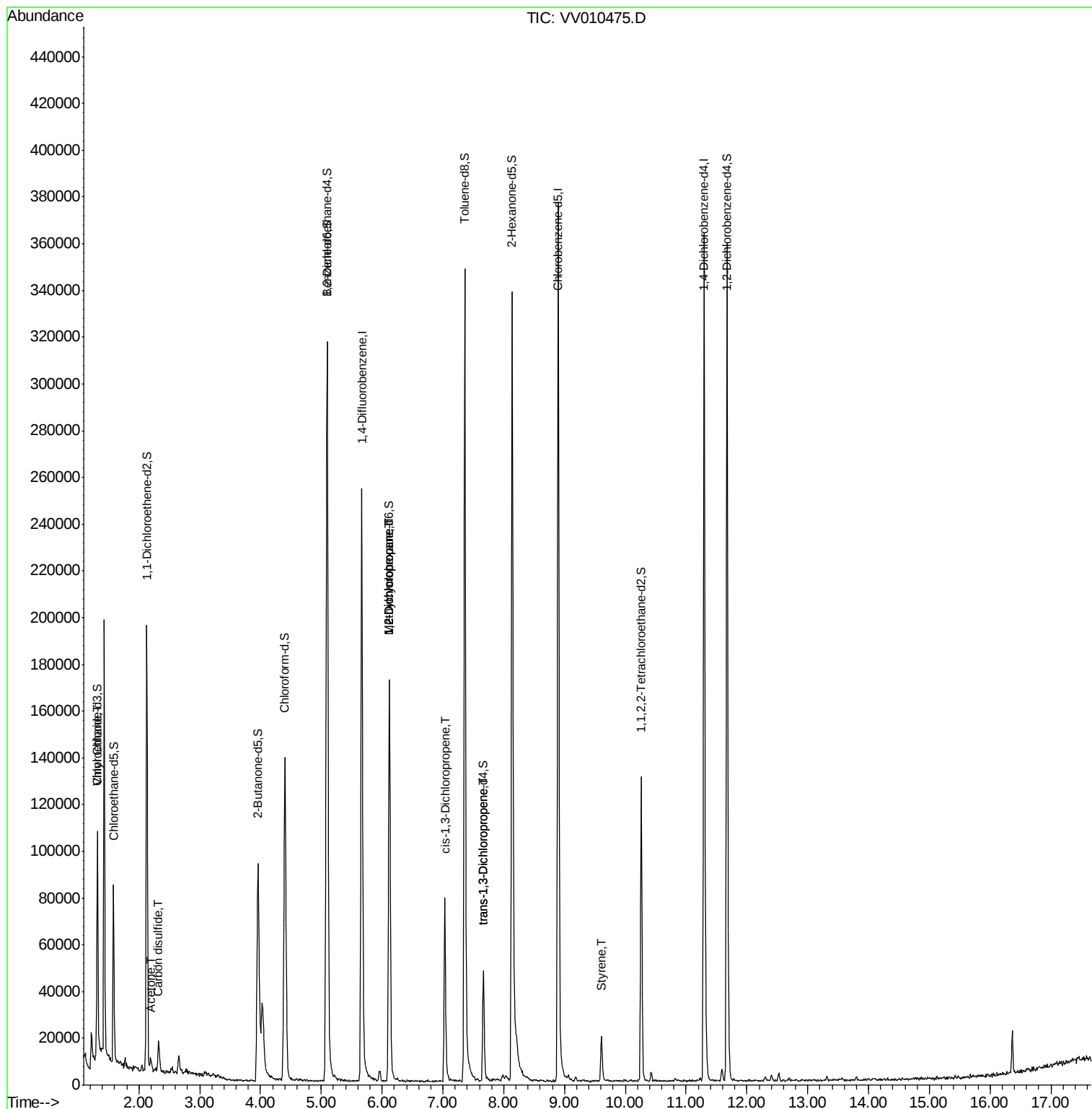
					Qvalue
8) Chloroethane	1.32	64	890	0.102 ug/L	94
13) Acetone	2.20	43	3032	1.795 ug/L	83
14) Carbon disulfide	2.32	76	7412	0.200 ug/L #	92
35) Methylcyclohexane	6.12	83	20232	0.817 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9302	0.671 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2194	0.107 ug/L #	50
44) trans-1,3-Dichloropropene	7.67	75	1488	0.094 ug/L #	43
55) Styrene	9.61	104	10739	0.237 ug/L	98

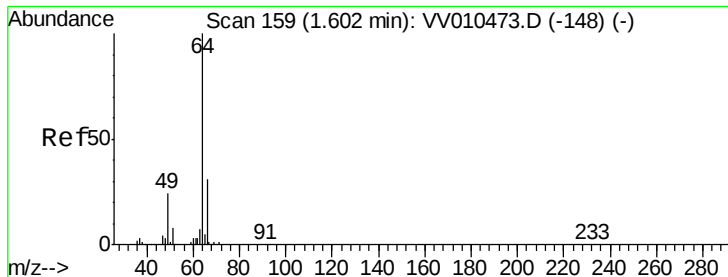
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV010475.D

Acq: 24 Apr 2019 21:26

Instrument :

MSVOA_V

ClientSampleId :

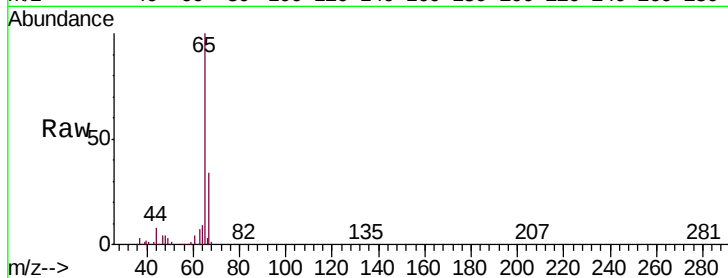
C0X69

Tgt Ion: 64 Resp: 890

Ion Ratio Lower Upper

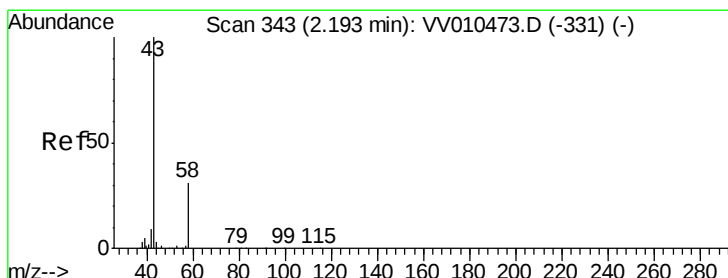
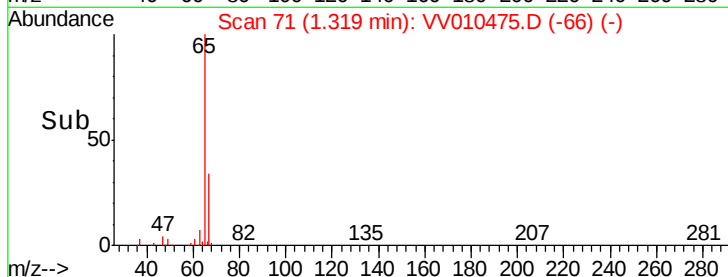
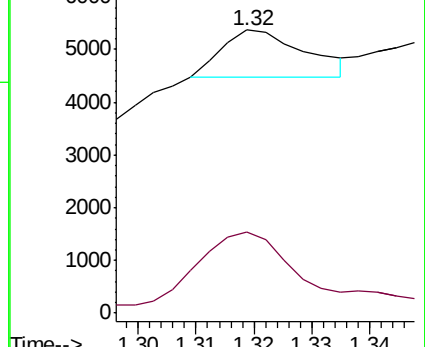
64 100

66 28.9 22.5 41.9



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 1.795 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV010475.D

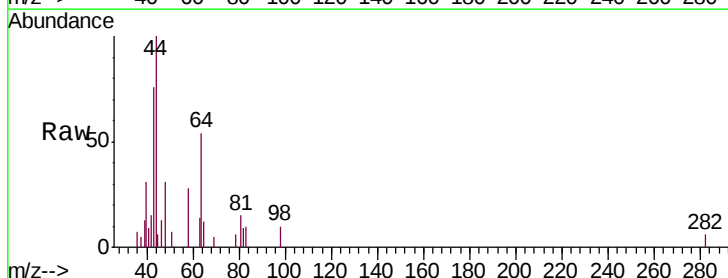
Acq: 24 Apr 2019 21:26

Tgt Ion: 43 Resp: 3032

Ion Ratio Lower Upper

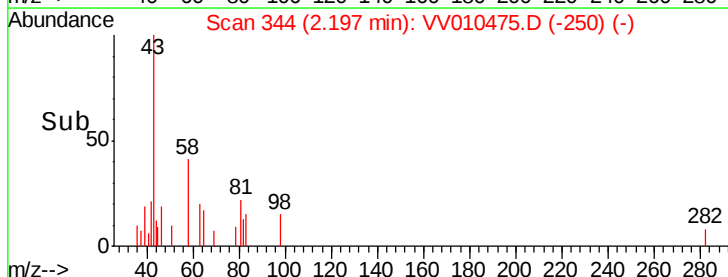
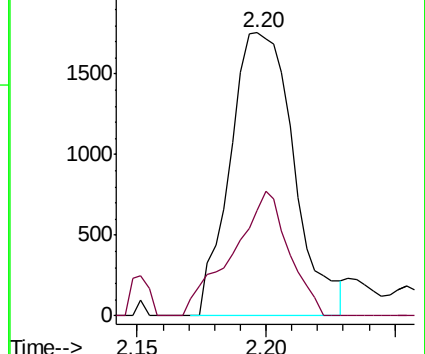
43 100

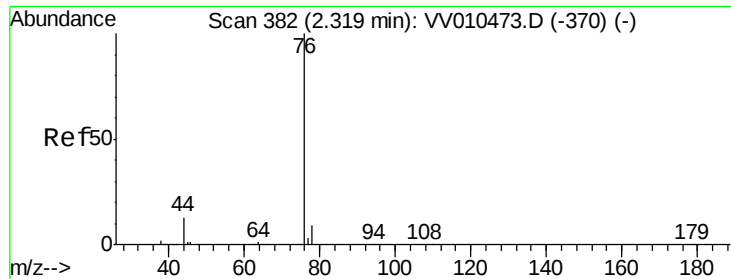
58 39.1 0.0 59.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.200 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV010475.D

Acq: 24 Apr 2019 21:26

Instrument :

MSVOA_V

ClientSampled :

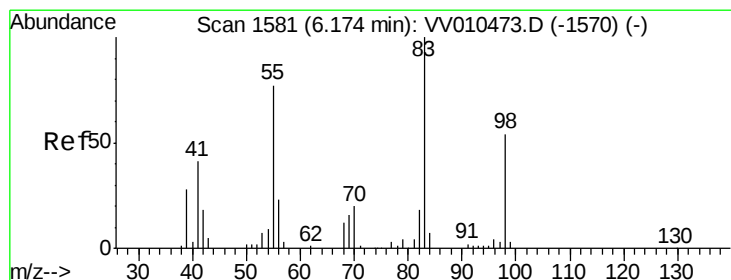
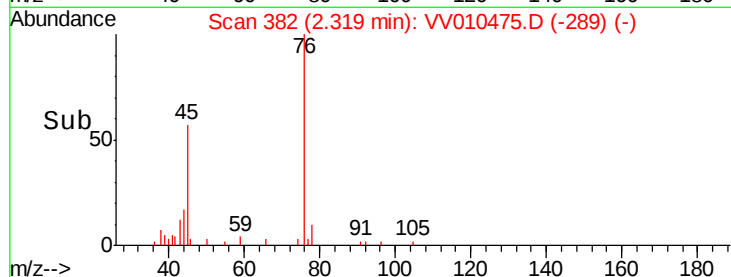
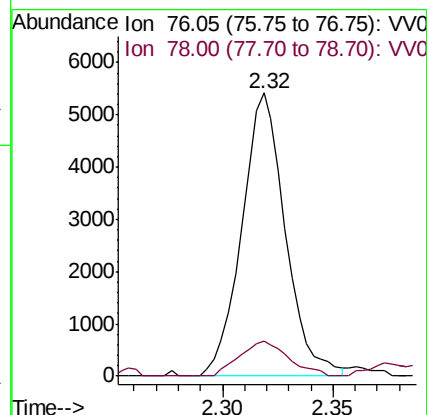
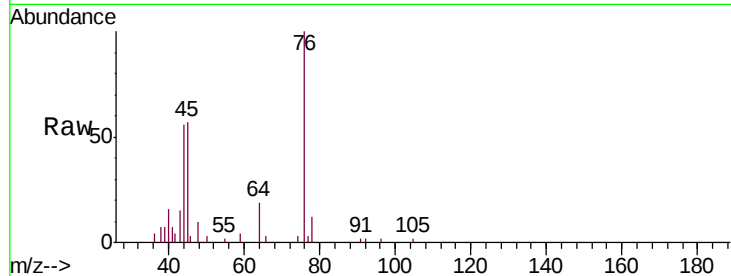
C0X69

Tgt Ion: 76 Resp: 7412

Ion Ratio Lower Upper

76 100

78 12.3 7.5 11.3#



#35

Methylcyclohexane

Concen: 0.817 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV010475.D

Acq: 24 Apr 2019 21:26

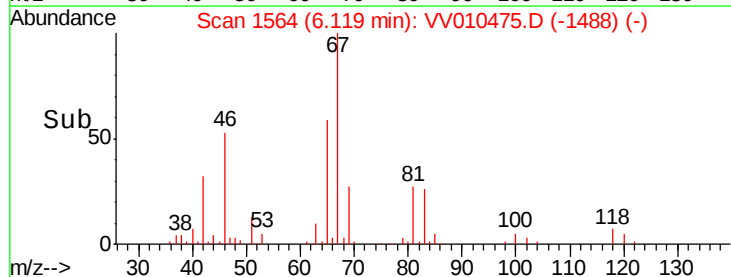
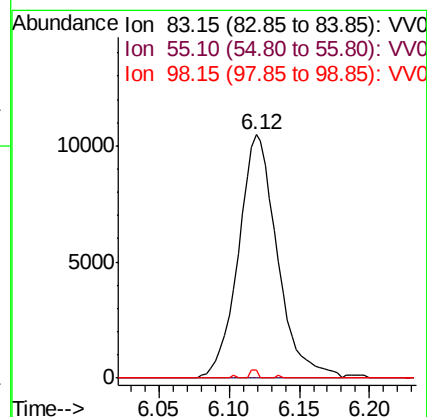
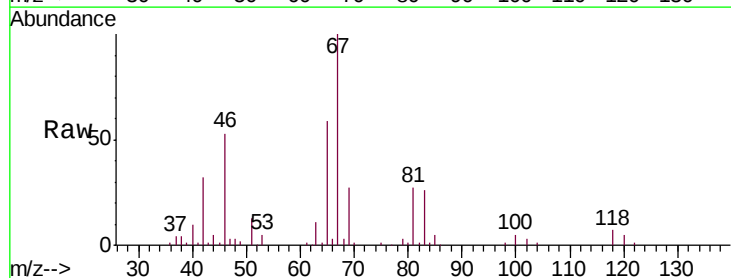
Tgt Ion: 83 Resp: 20232

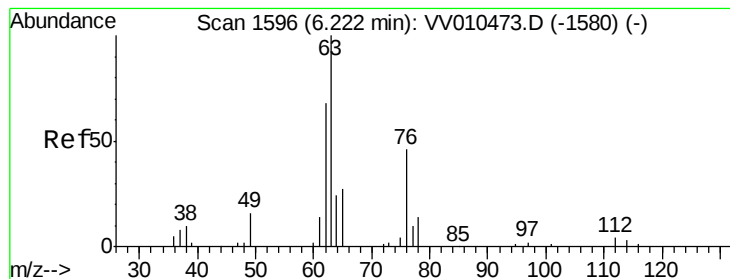
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.7 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.671 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV010475.D

Acq: 24 Apr 2019 21:26

Instrument :

MSVOA_V

ClientSampleId :

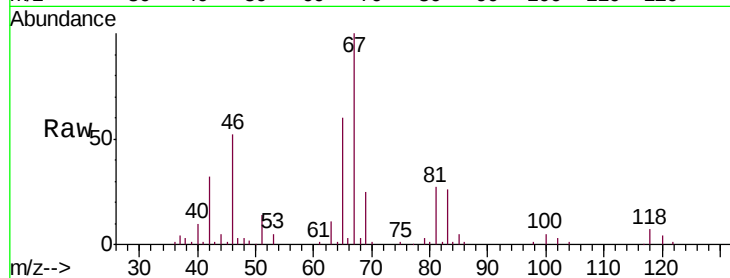
C0X69

Tgt Ion: 63 Resp: 9302

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV010473.D (-1580) (-)

Ion 112.10 (111.80 to 112.80): VV010473.D (-1580) (-)

5000

4000

3000

2000

1000

0

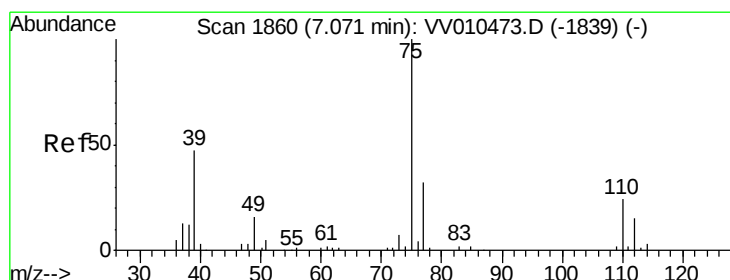
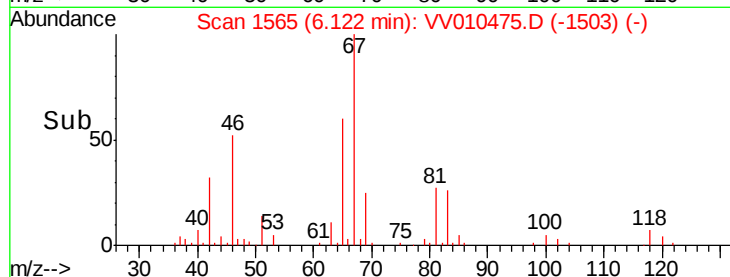
6.05

6.10

6.15

6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV010475.D

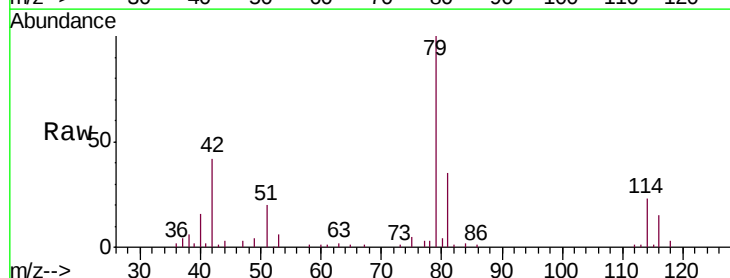
Acq: 24 Apr 2019 21:26

Tgt Ion: 75 Resp: 2194

Ion Ratio Lower Upper

75 100

77 59.9 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV010473.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV010473.D (-1839) (-)

1200

1000

800

600

400

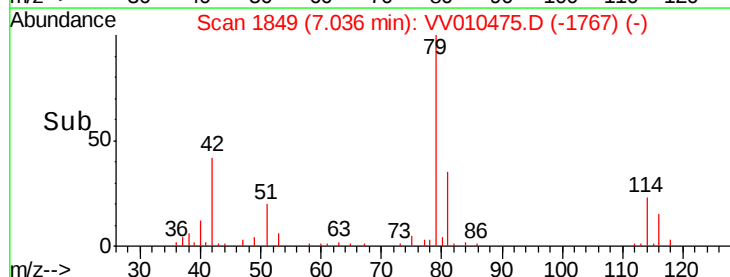
200

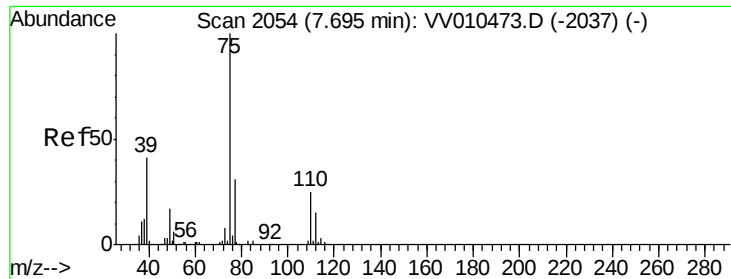
0

7.00

7.05

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010475.D

Acq: 24 Apr 2019 21:26

Instrument :

MSVOA_V

ClientSampleId :

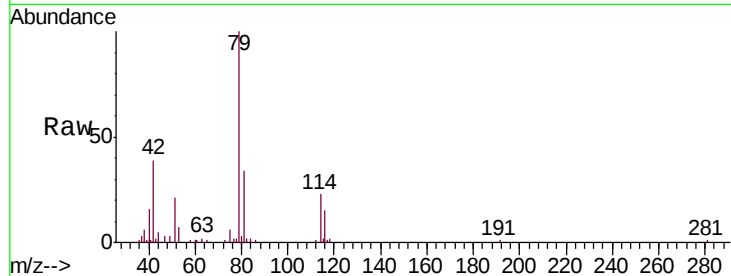
C0X69

Tgt Ion: 75 Resp: 1488

Ion Ratio Lower Upper

75 100

77 0.0 22.1 41.1#



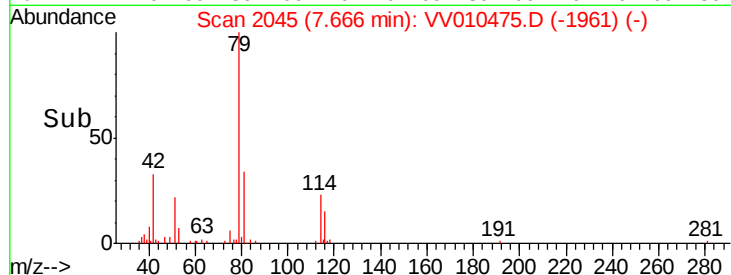
Abundance Ion 75.05 (74.75 to 75.75): VV010473.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV010475.D (-1961) (-)

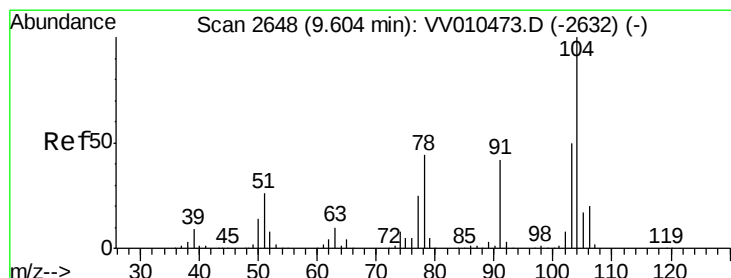
7.67

7.65

7.70



Time-->



#55

Styrene

Concen: 0.237 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010475.D

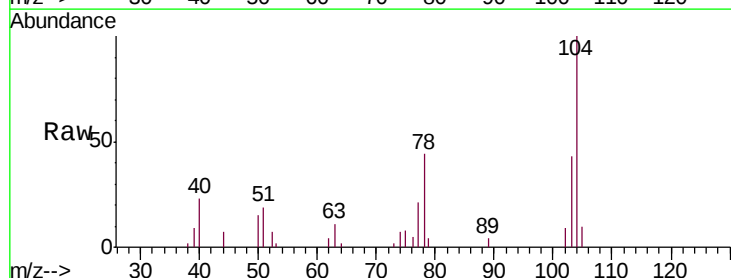
Acq: 24 Apr 2019 21:26

Tgt Ion: 104 Resp: 10739

Ion Ratio Lower Upper

104 100

78 43.8 31.4 58.4



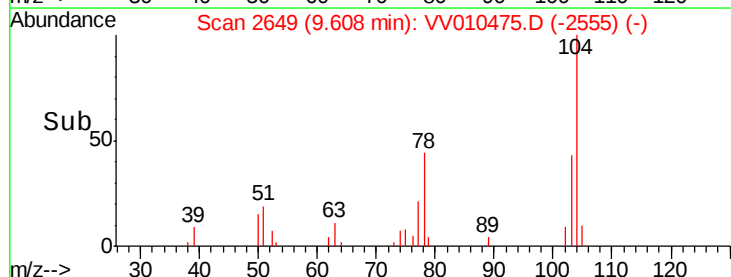
Abundance Ion 104.10 (103.80 to 104.80): VV010473.D (-2632) (-)

Ion 78.10 (77.80 to 78.80): VV010475.D (-2555) (-)

9.61

9.55

9.65



Time-->