

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039949.D
 Acq On : 24 Aug 2020 16:11
 Operator : SY/MD
 Sample : L3767-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFGS5

Quant Time: Aug 25 02:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24891	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.92	69	22316	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	41473	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.66	46	82937	41.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.42%
24) Chloroform-d	5.08	84	48409	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	28274	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.75	84	94052	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	31689	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.91	98	84177	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	12328	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	61038	39.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24566	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34343	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

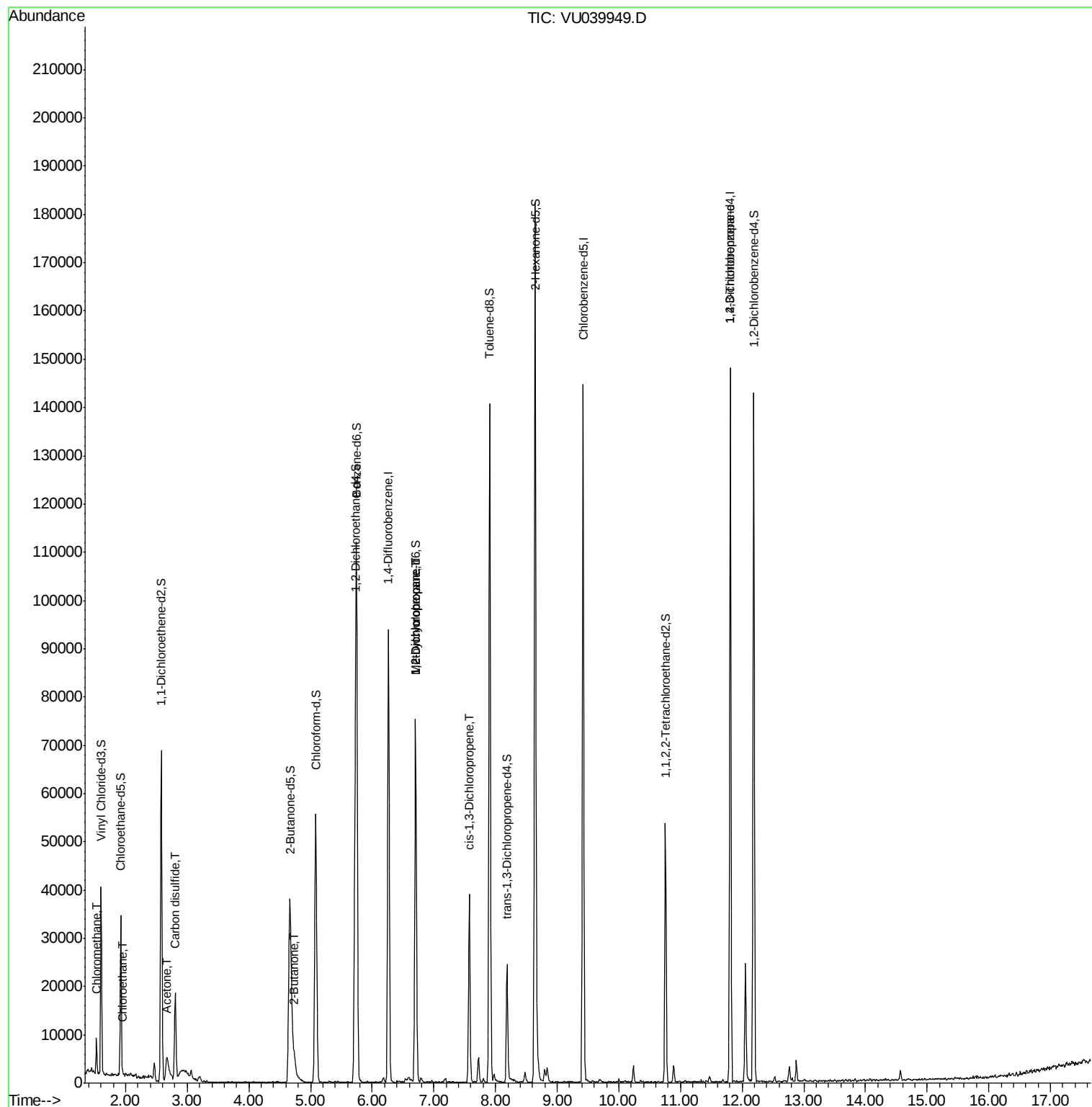
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4685	0.559	ug/L	93
8) Chloroethane	1.95	64	626	0.124	ug/L #	42
13) Acetone	2.67	43	13980	10.289	ug/L	95
14) Carbon disulfide	2.81	76	22002	1.093	ug/L	99
21) 2-Butanone	4.74	43	3069	1.300	ug/L	88
35) Methylcyclohexane	6.71	83	7499	0.710	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3824	0.541	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1088	0.110	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	4896	0.967	ug/L	95

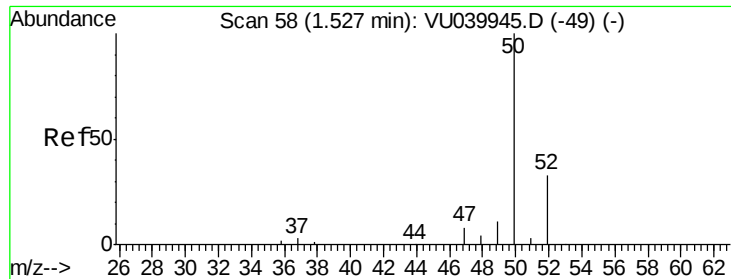
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.559 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039949.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

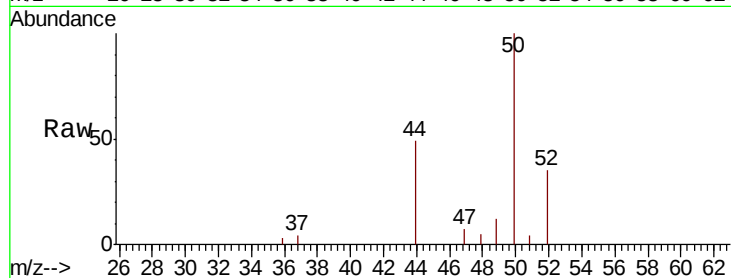
BFSG5

Tot Ion: 50 Resp: 4685

Ion Ratio Lower Upper

50 100

52 35.4 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU039945.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU039945.D (-49) (-)

1.53

4000

3000

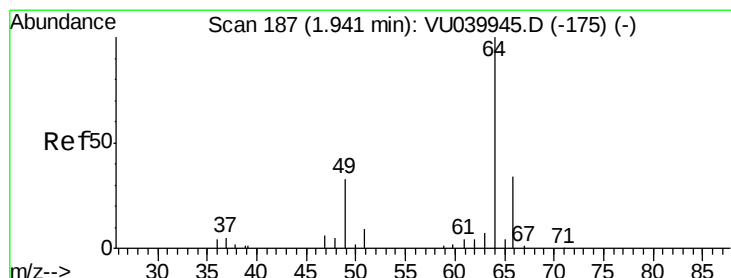
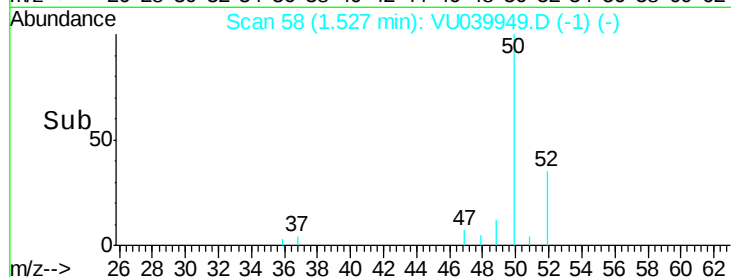
2000

1000

0

Time-->

1.48 1.50 1.52 1.54 1.56



#8

Chloroethane

Concen: 0.124 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.01 min

Lab File: VU039949.D

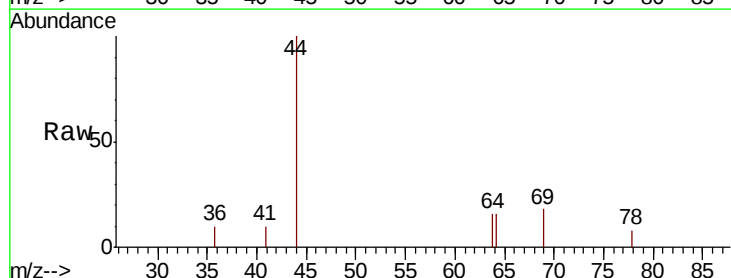
Acq: 24 Aug 2020 16:11

Tgt Ion: 64 Resp: 626

Ion Ratio Lower Upper

64 100

66 0.0 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU039949.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU039949.D (-94) (-)

1.95

400

300

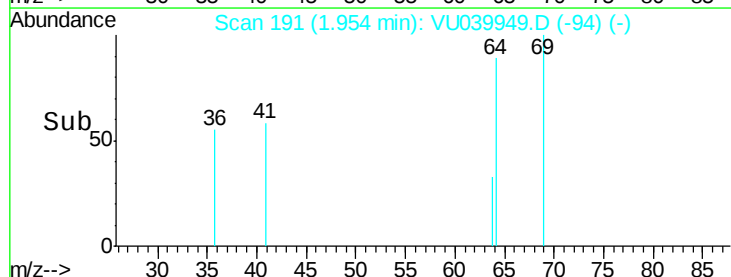
200

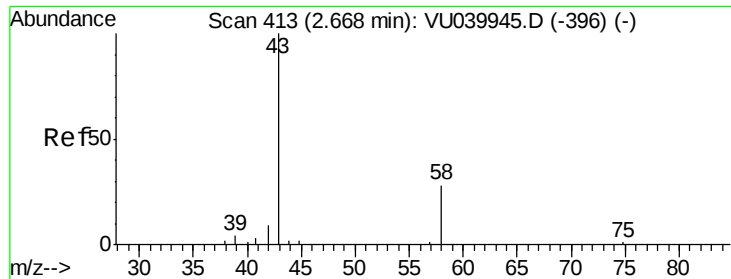
100

0

Time-->

1.90 1.92 1.94 1.96 1.98





#13

Acetone

Concen: 10.289 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU039949.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

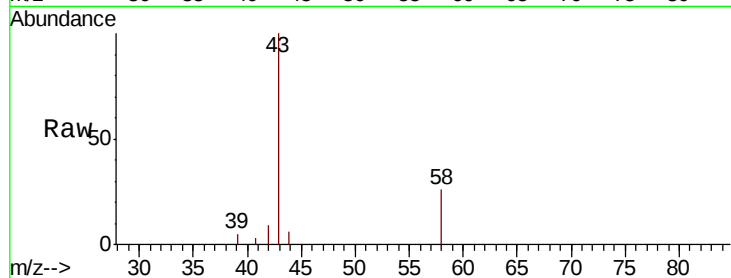
BFSG5

Tot Ion: 43 Resp: 13980

Ion Ratio Lower Upper

43 100

58 11.3 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039949.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU039949.D (-320) (-)

2.67

4000

3000

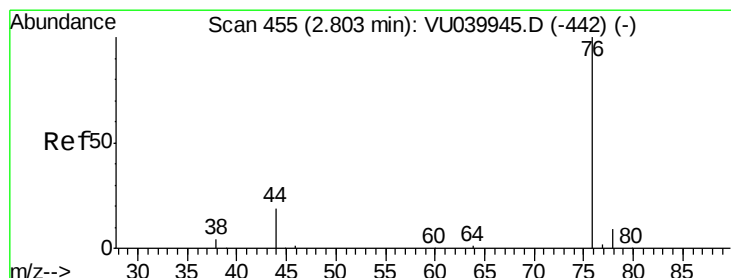
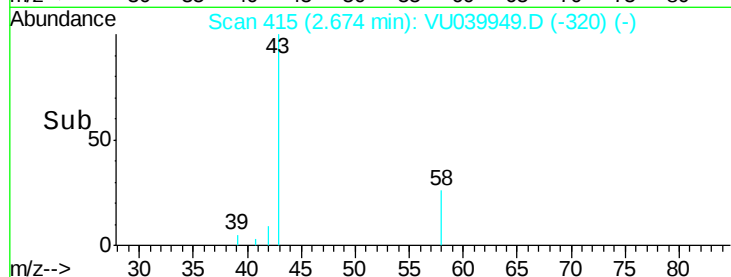
2000

1000

0

Time-->

2.60 2.70 2.80



#14

Carbon disulfide

Concen: 1.093 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039949.D

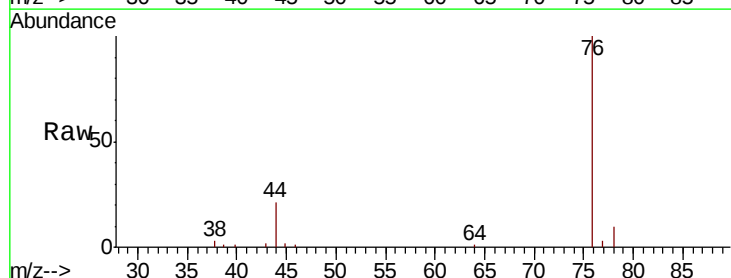
Acq: 24 Aug 2020 16:11

Tgt Ion: 76 Resp: 22002

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU039949.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VU039949.D (-362) (-)

2.81

15000

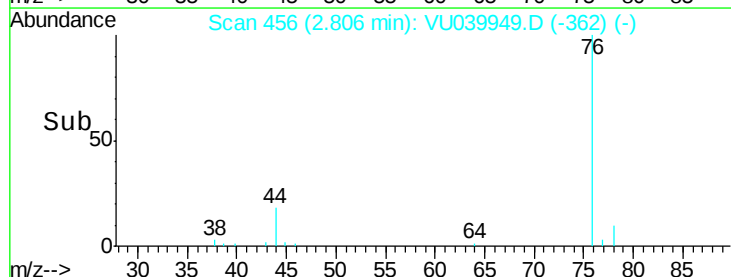
10000

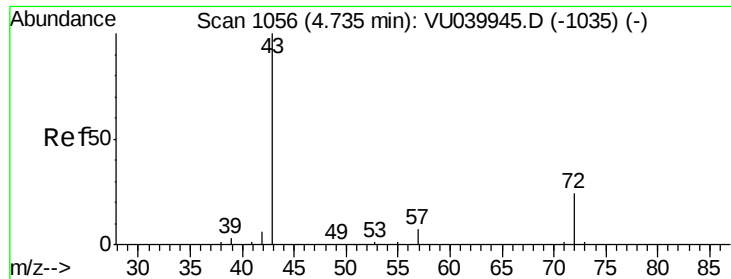
5000

0

Time-->

2.75 2.80 2.85





#21

2-Butanone

Concen: 1.300 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039949.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

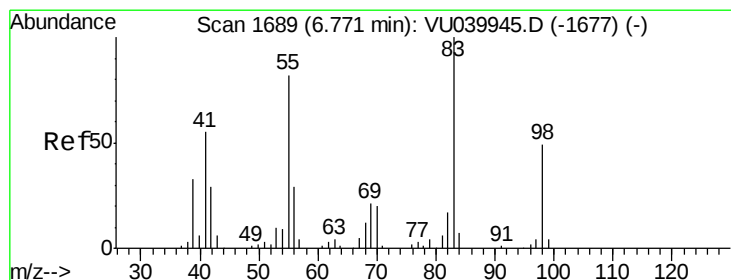
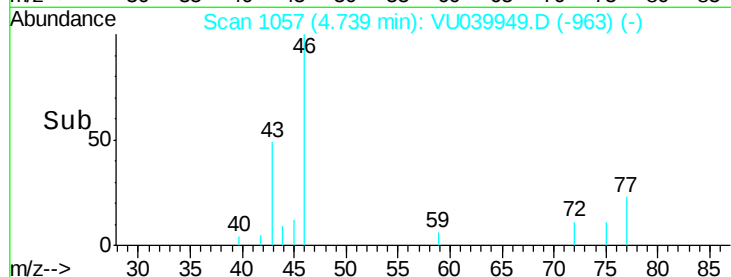
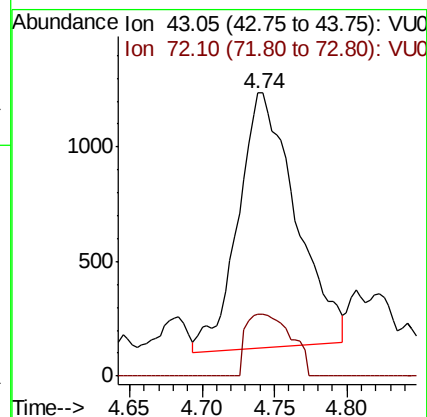
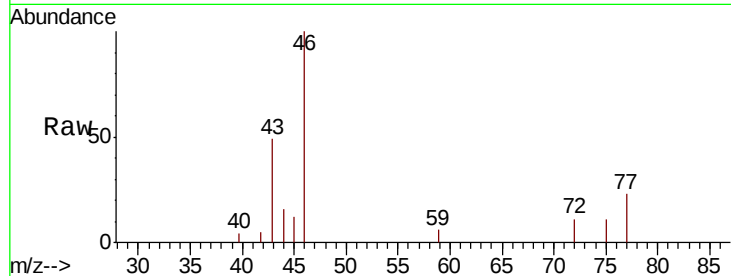
BFSG5

Tot Ion: 43 Resp: 3069

Ion Ratio Lower Upper

43 100

72 19.1 12.7 38.0



#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.06 min

Lab File: VU039949.D

Acq: 24 Aug 2020 16:11

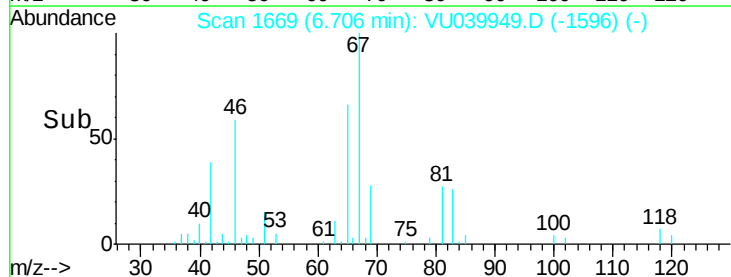
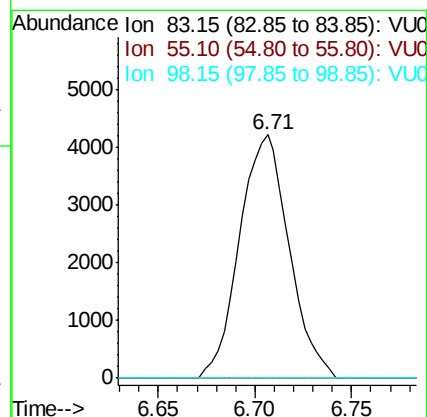
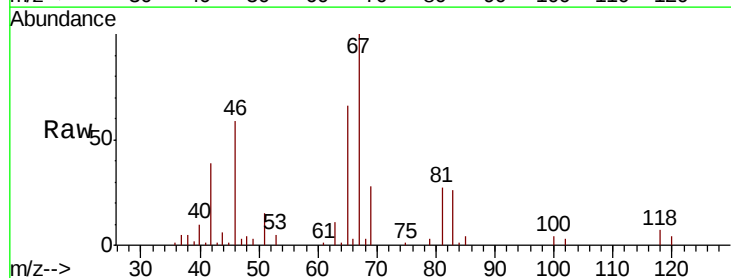
Tgt Ion: 83 Resp: 7499

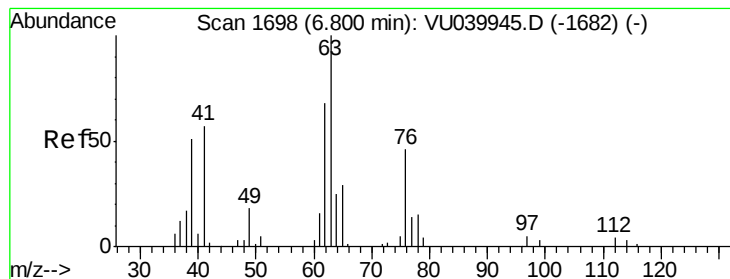
Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

98 0.7 39.4 59.0#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039949.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

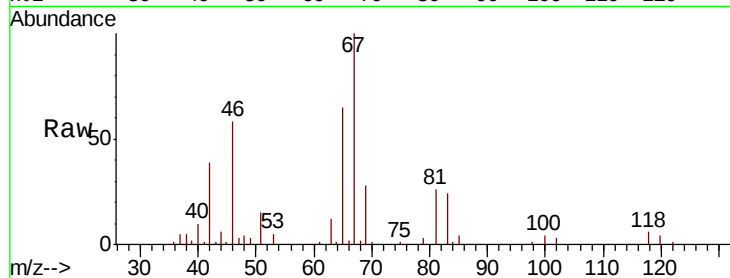
BFSG5

Tot Ion: 63 Resp: 3824

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU039945.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039945.D (-1682) (-)

6.70

2000

1500

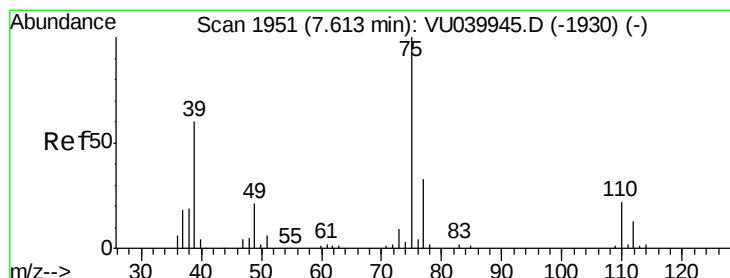
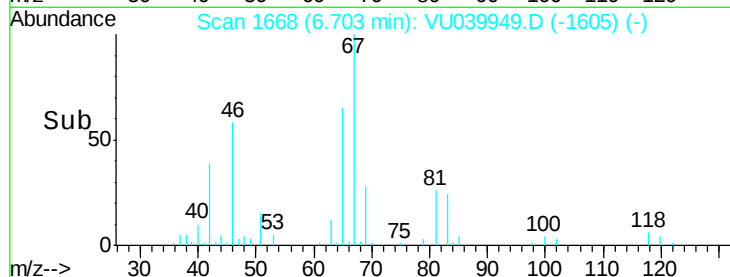
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039949.D

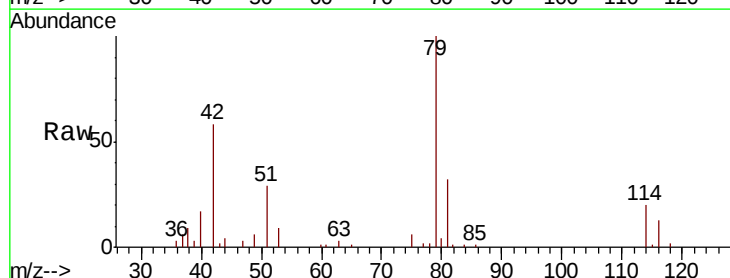
Acq: 24 Aug 2020 16:11

Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

77 36.1 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VU039949.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU039949.D (-1858) (-)

7.57

800

600

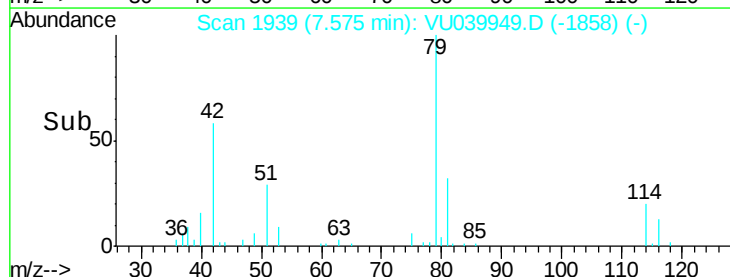
400

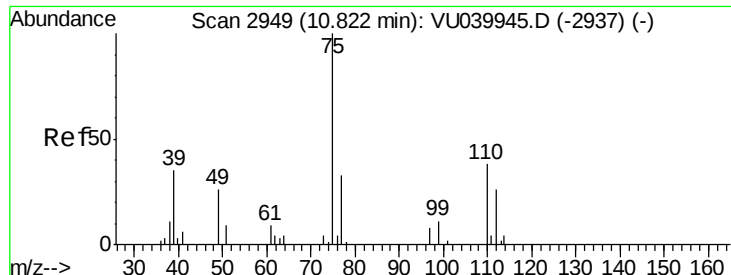
200

0

7.54 7.56 7.58 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.967 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039949.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

BFSG5

Tot Ion: 75 Resp: 4896

Ion Ratio Lower Upper

75 100

77 37.2 27.4 41.2

