

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039922.D
 Acq On : 21 Aug 2020 12:26
 Operator : SY/MD
 Sample : L3767-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSD2

Quant Time: Aug 22 00:47:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100559	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89492	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41086	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26777	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.92	69	25378	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.58	63	35562	2.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	41.80%#
20) 2-Butanone-d5	4.65	46	96443	34.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.72%
24) Chloroform-d	5.08	84	51128	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.40%#
26) 1,2-Dichloroethane-d4	5.72	65	30254	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.40%#
32) Benzene-d6	5.74	84	100624	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	6.70	67	34692	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.90	98	79470	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	8.19	79	13311	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.64	63	69101	36.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26082	3.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32441	4.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.00%

Target Compounds

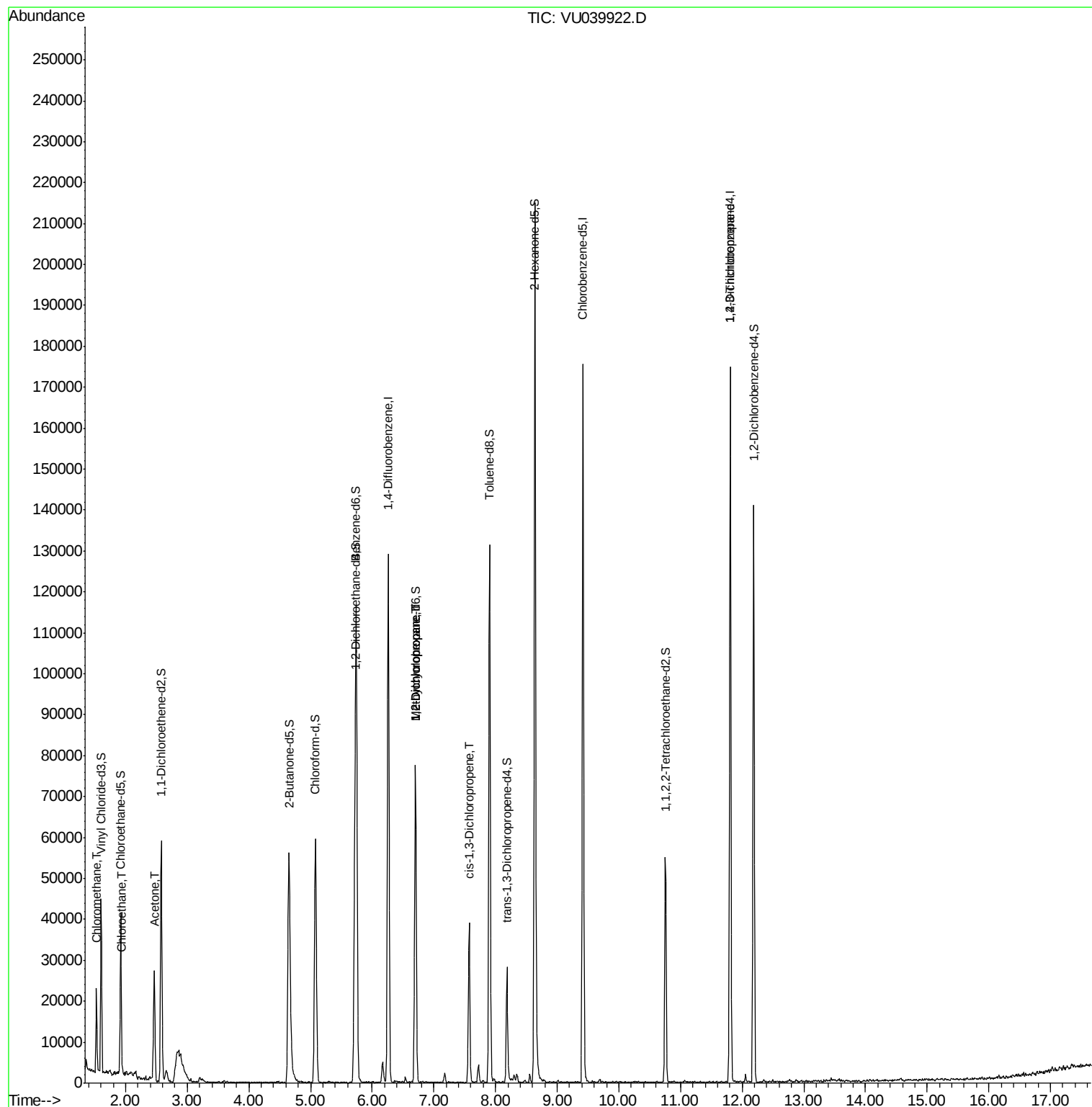
					Ovalue
3) Chloromethane	1.53	50	13914	1.177 ug/L	98
8) Chloroethane	1.94	64	645	0.090 ug/L #	80
13) Acetone	2.47	43	17744	9.251 ug/L	75
35) Methylcyclohexane	6.70	83	8122	0.628 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3810	0.441 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1065	0.088 ug/L #	36
59) 1,2,3-Trichloropropane	11.81	75	6213	1.003 ug/L	91

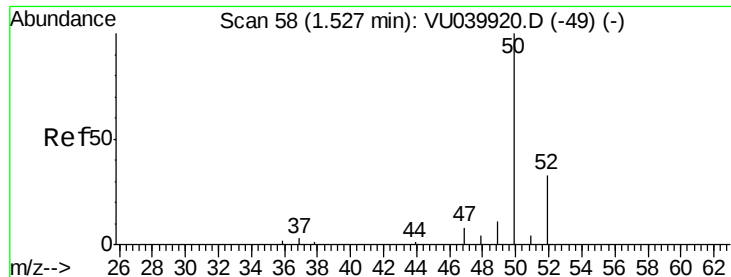
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.177 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039922.D

Acq: 21 Aug 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

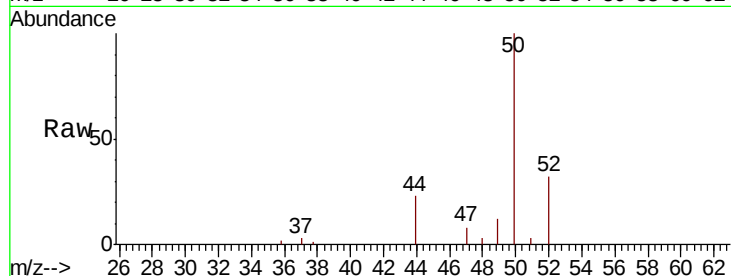
BFSD2

Tot Ion: 50 Resp: 13914

Ion Ratio Lower Upper

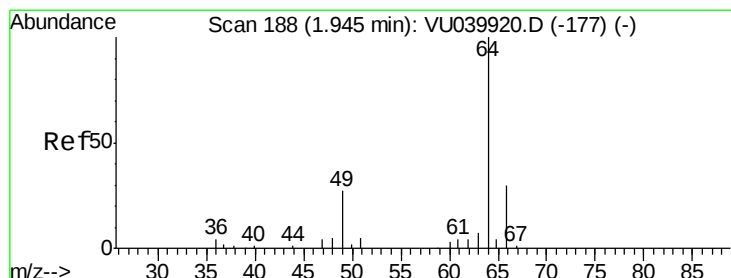
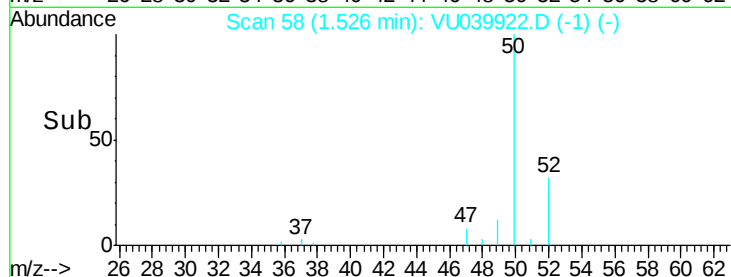
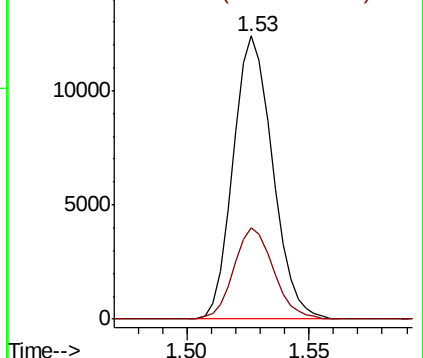
50 100

52 32.2 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039922.D

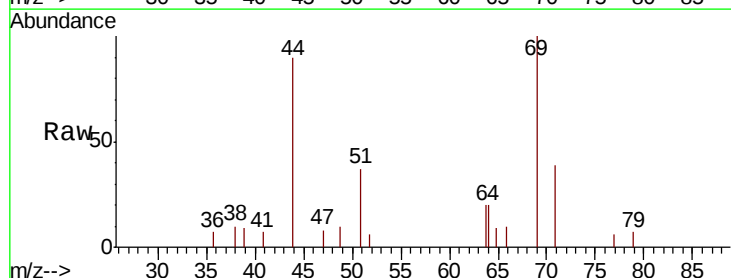
Acq: 21 Aug 2020 12:26

Tgt Ion: 64 Resp: 645

Ion Ratio Lower Upper

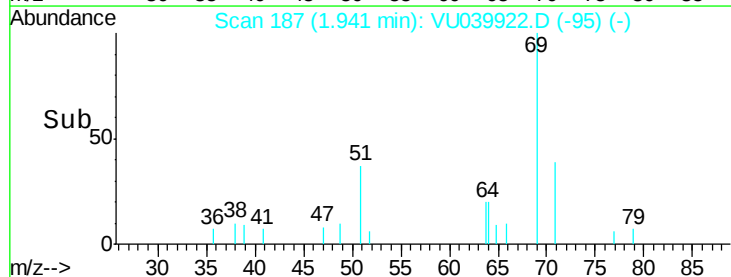
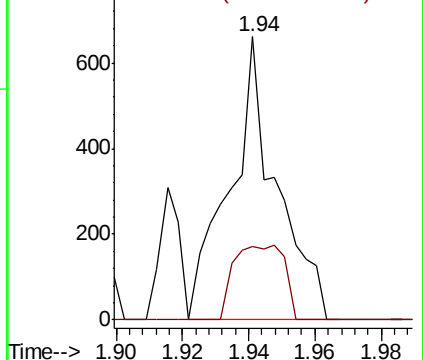
64 100

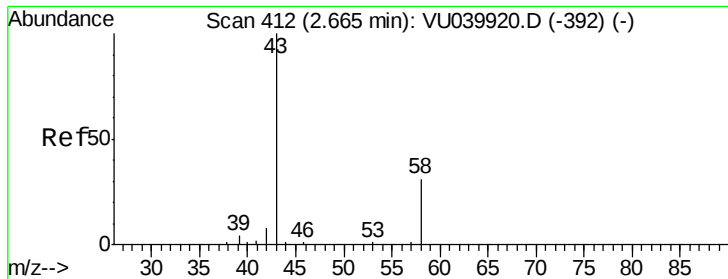
66 21.2 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 9.251 ug/L

RT: 2.47 min Scan# 350

Delta R.T. -0.20 min

Lab File: VU039922.D

Acq: 21 Aug 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

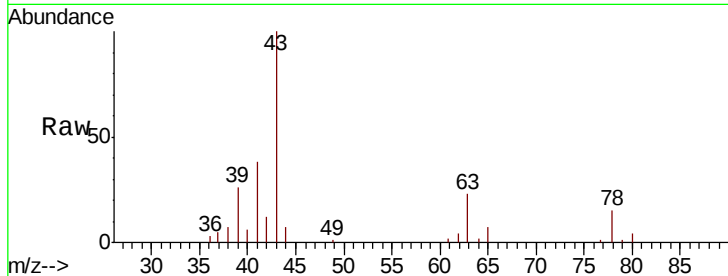
BFS2

Tot Ion: 43 Resp: 17744

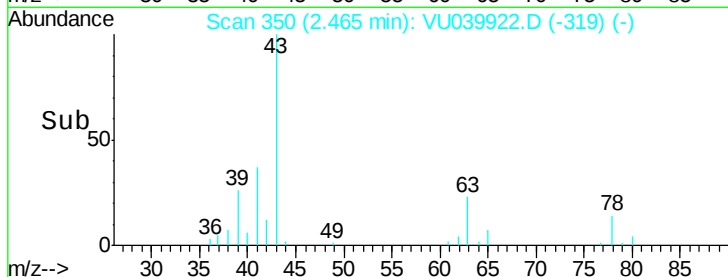
Ion Ratio Lower Upper

43 100

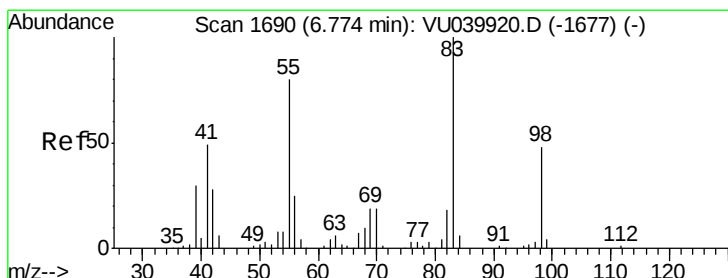
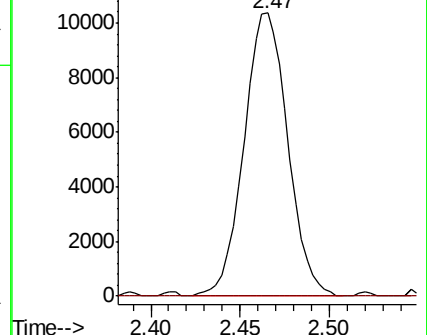
58 0.3 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039922.D (-319) (-)



Ion 58.05 (57.75 to 58.75): VU039922.D (-319) (-)



#35

Methylcyclohexane

Concen: 0.628 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039922.D

Acq: 21 Aug 2020 12:26

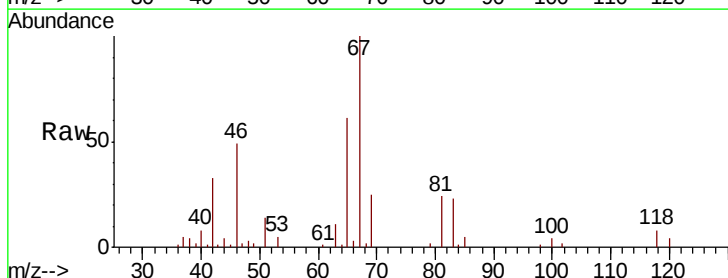
Tgt Ion: 83 Resp: 8122

Ion Ratio Lower Upper

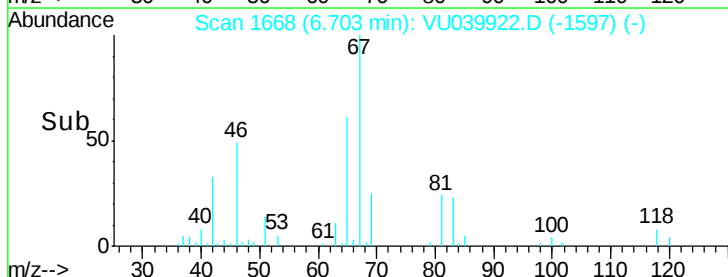
83 100

55 0.0 64.1 96.1#

98 1.2 39.4 59.0#

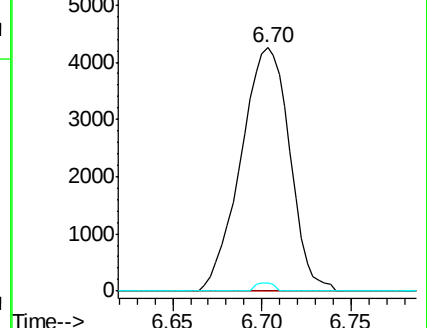


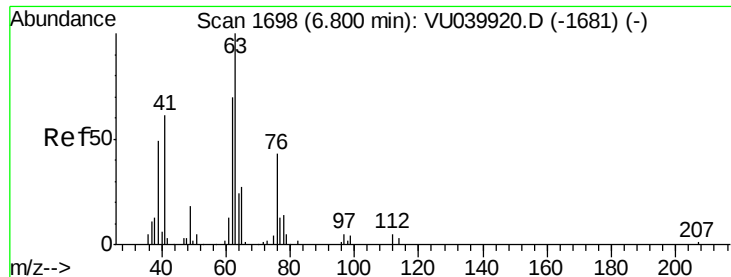
Abundance Ion 83.15 (82.85 to 83.85): VU039922.D (-1597) (-)



Ion 55.10 (54.80 to 55.80): VU039922.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039922.D (-1597) (-)





#37

1,2-Dichloropropane

Concen: 0.441 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU039922.D

Acq: 21 Aug 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

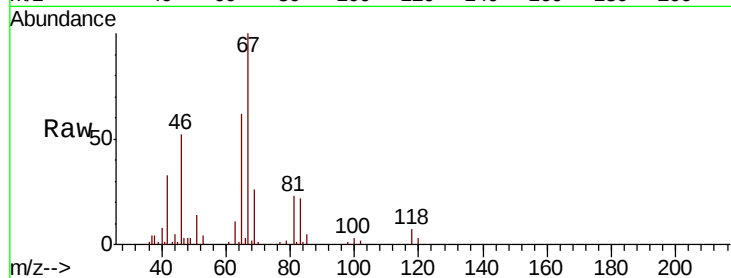
BFSD2

Tot Ion: 63 Resp: 3810

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU039922.D (-1667) (-)

Ion 112.10 (111.80 to 112.80): VU039922.D (-1667) (-)

6.70

2000

1500

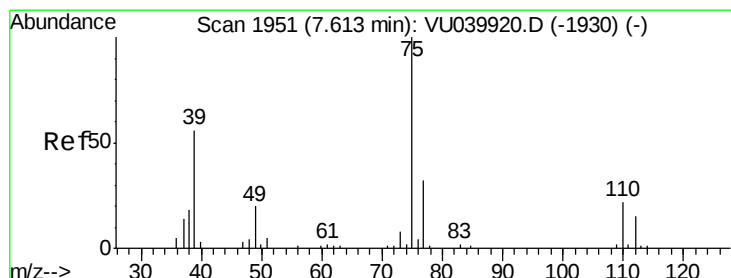
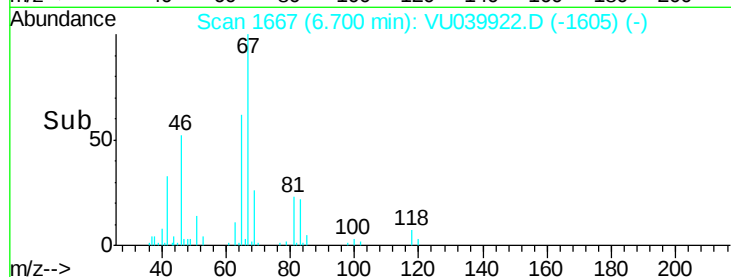
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU039922.D

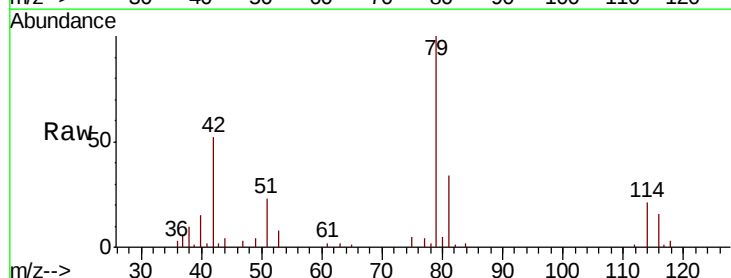
Acq: 21 Aug 2020 12:26

Tgt Ion: 75 Resp: 1065

Ion Ratio Lower Upper

75 100

77 68.2 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039922.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU039922.D (-1938) (-)

7.57

600

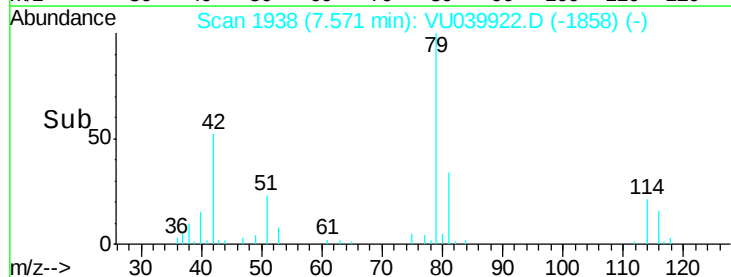
400

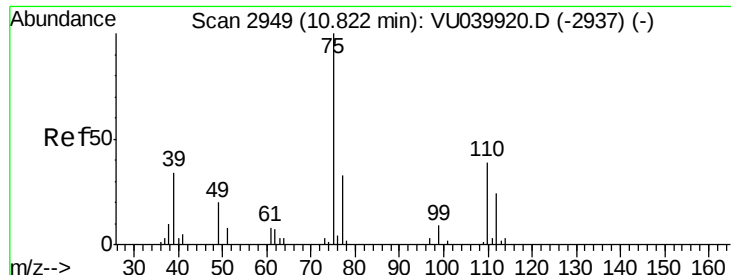
200

0

7.55 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.003 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039922.D

Acq: 21 Aug 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

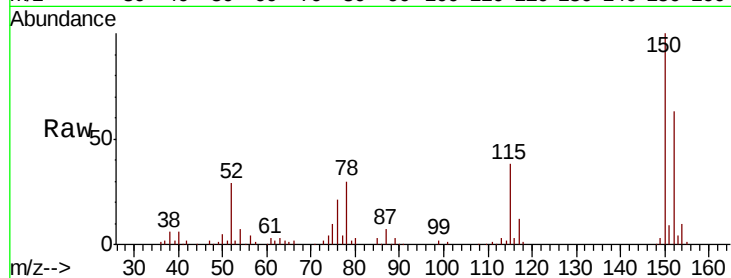
BFSD2

Tot Ion: 75 Resp: 6213

Ion Ratio Lower Upper

75 100

77 39.4 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

