

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039962.D
 Acq On : 25 Aug 2020 12:56
 Operator : SY/MD
 Sample : L3789-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH0

Quant Time: Aug 26 03:44:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	67355	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27184	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	22815	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	41670	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.65	46	87787	46.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.38%
24) Chloroform-d	5.08	84	54621	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	32970	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.75	84	102423	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.70	67	34412	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.91	98	88842	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	8.19	79	13087	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	63006	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26158	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35422	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

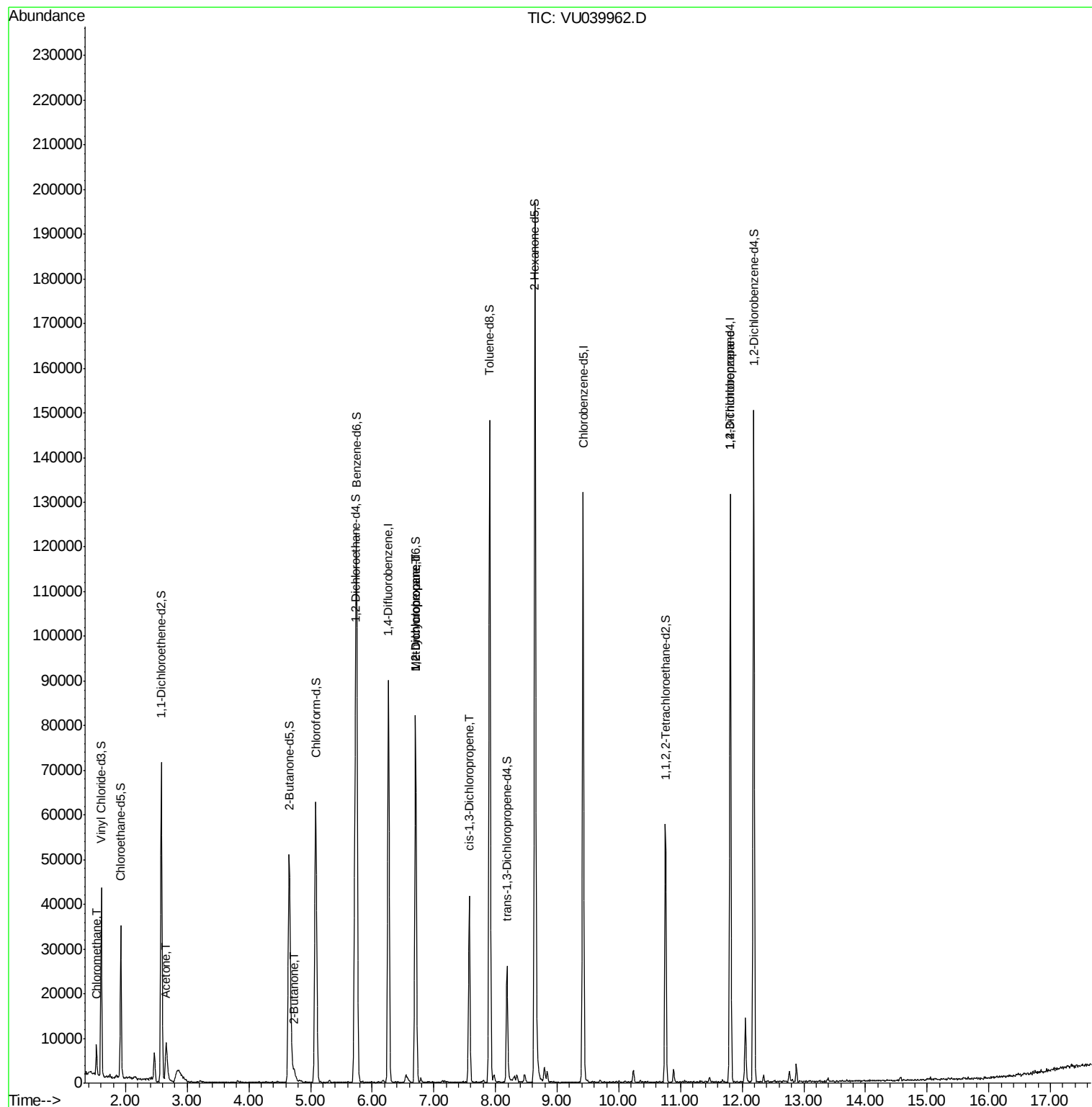
					Ovalue
3) Chloromethane	1.53	50	4815	0.608 ug/L	97
13) Acetone	2.66	43	14261	11.100 ug/L #	51
21) 2-Butanone	4.74	43	3552	1.591 ug/L	86
35) Methylcyclohexane	6.70	83	8450	0.896 ug/L #	17
37) 1,2-Dichloropropane	6.71	63	4028	0.639 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1057	0.120 ug/L #	37
59) 1,2,3-Trichloropropane	11.81	75	4355	0.964 ug/L	94

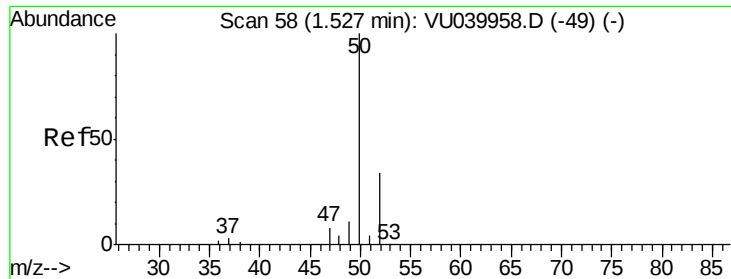
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.608 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039962.D

Acq: 25 Aug 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

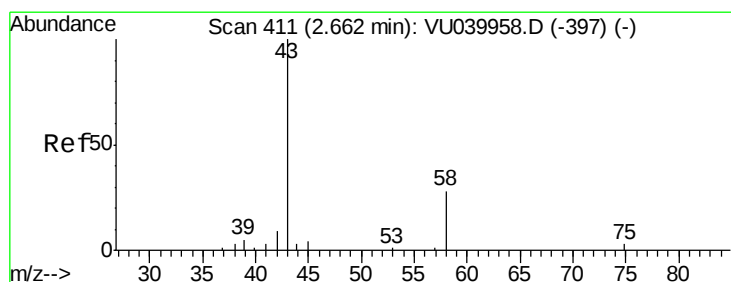
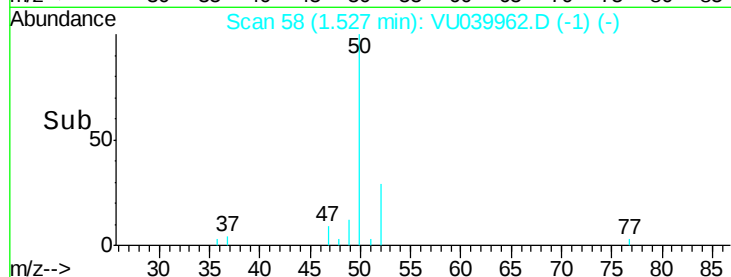
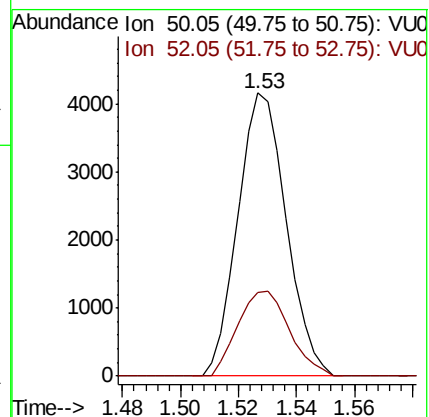
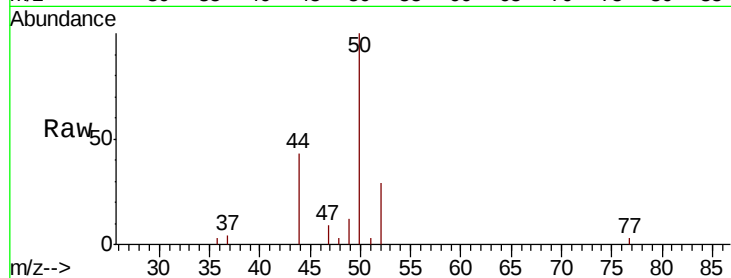
BFSH0

Tot Ion: 50 Resp: 4815

Ion Ratio Lower Upper

50 100

52 29.5 21.9 40.7



#13

Acetone

Concen: 11.100 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU039962.D

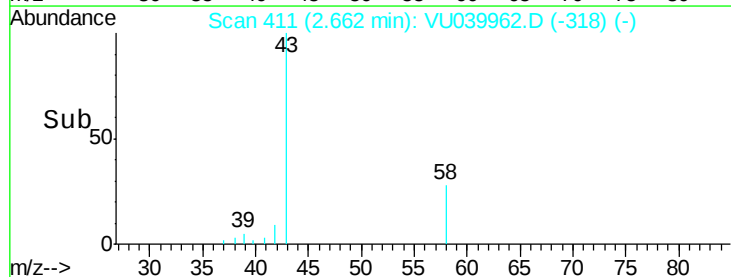
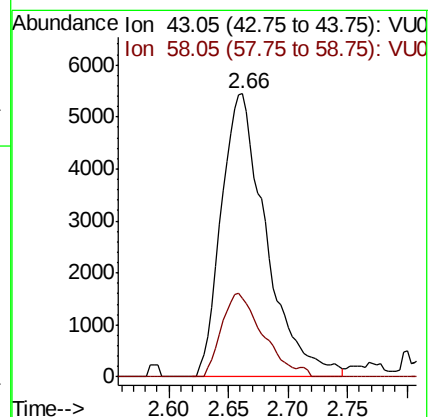
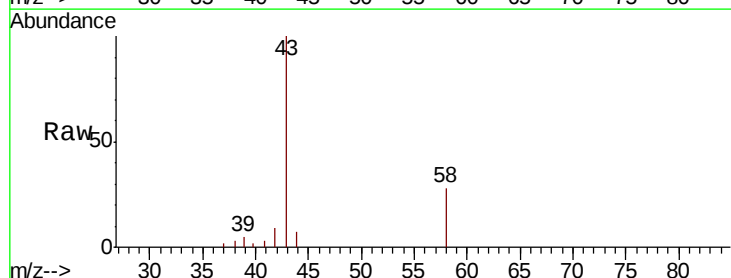
Acq: 25 Aug 2020 12:56

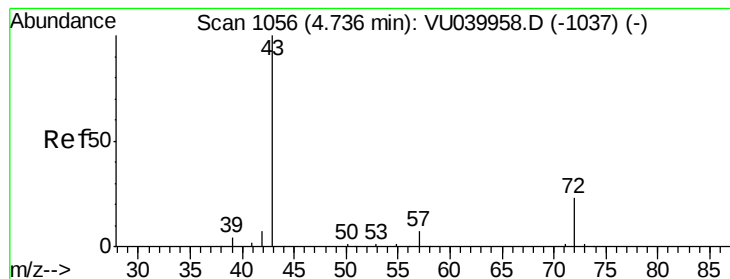
Tgt Ion: 43 Resp: 14261

Ion Ratio Lower Upper

43 100

58 27.3 0.0 19.0#





#21

2-Butanone

Concen: 1.591 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039962.D

Acq: 25 Aug 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

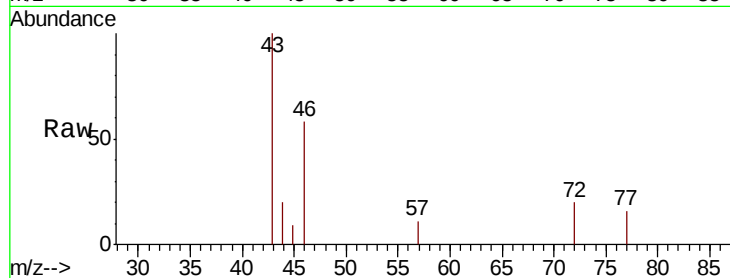
BFSH0

Tot Ion: 43 Resp: 3552

Ion Ratio Lower Upper

43 100

72 18.2 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039958.D (-1037) (-)

Ion 72.10 (71.80 to 72.80): VU039958.D (-1037) (-)

4.74

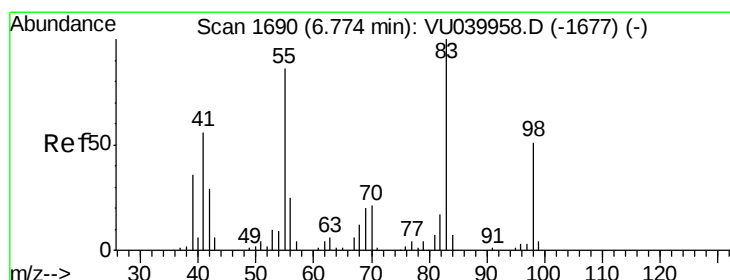
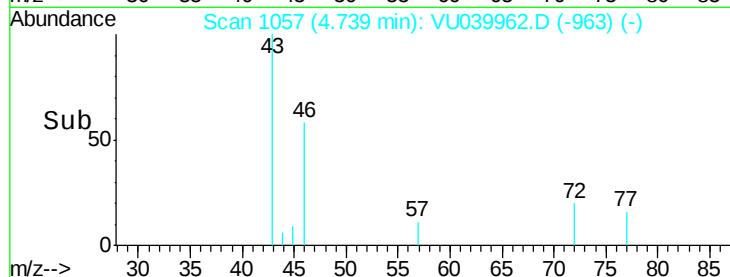
1500

1000

500

0

Time-->



#35

Methylcyclohexane

Concen: 0.896 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039962.D

Acq: 25 Aug 2020 12:56

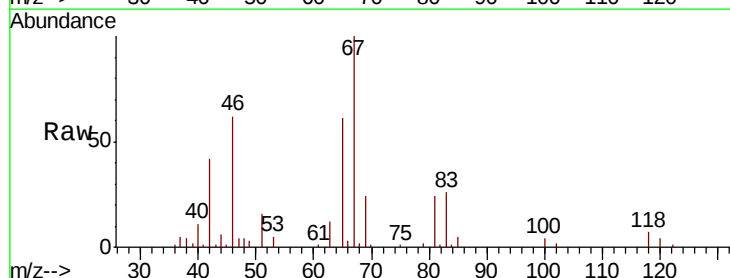
Tgt Ion: 83 Resp: 8450

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

98 1.6 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VU039958.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039958.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039958.D (-1677) (-)

6.70

6000

5000

4000

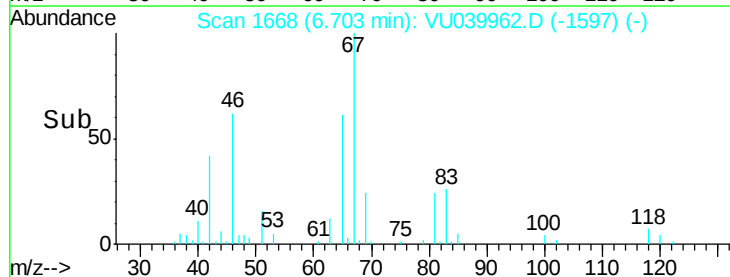
3000

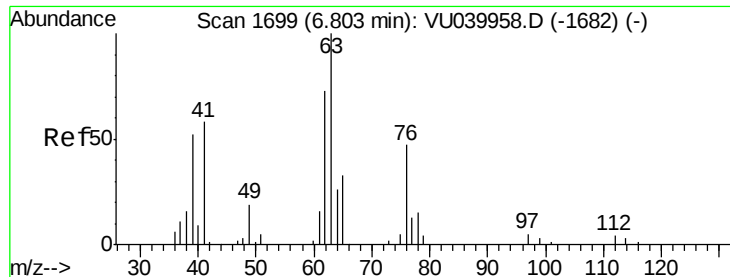
2000

1000

0

Time-->

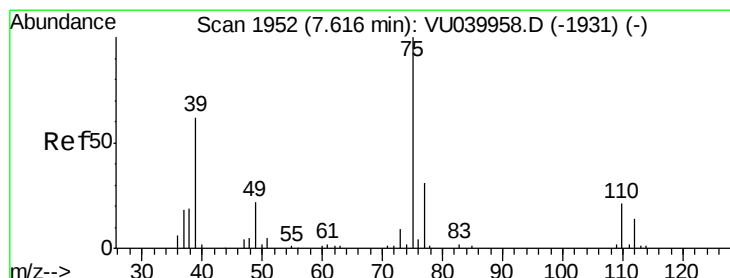
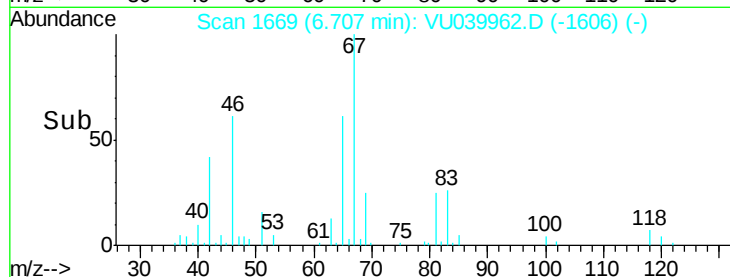
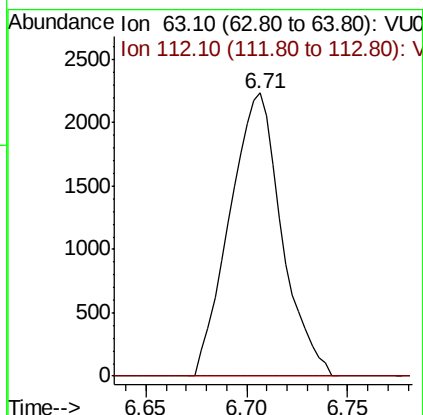
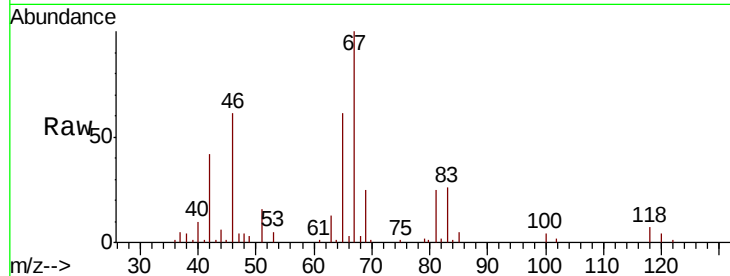




#37
 1,2-Dichloropropane
 Concen: 0.639 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039962.D
 Acq: 25 Aug 2020 12:56

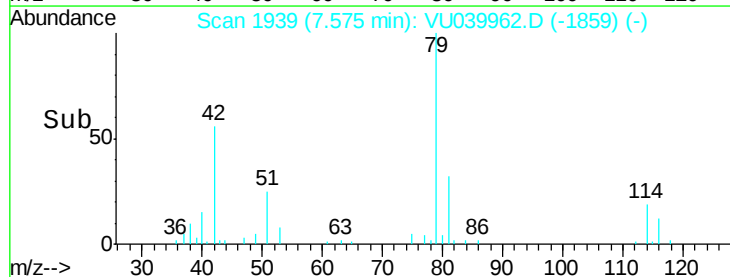
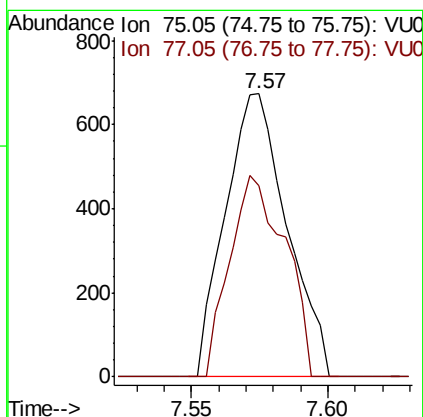
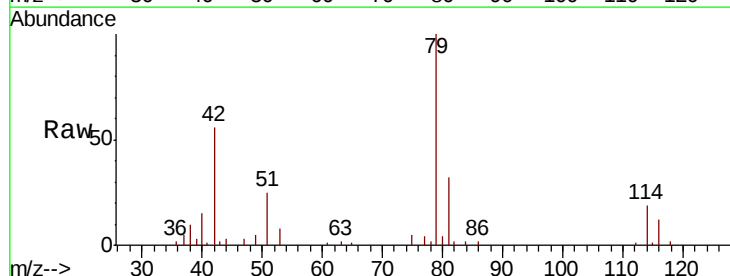
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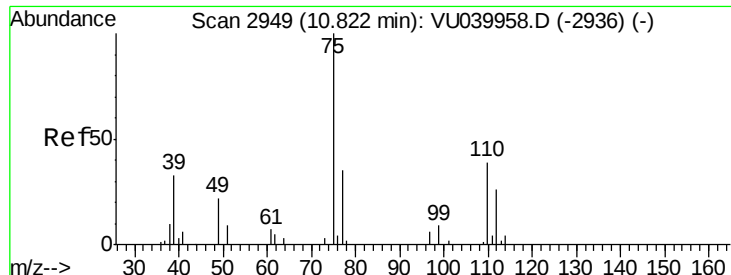
Tot Ion: 63 Resp: 4028
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039962.D
 Acq: 25 Aug 2020 12:56

Tgt Ion: 75 Resp: 1057
 Ion Ratio Lower Upper
 75 100
 77 67.6 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039962.D

Acq: 25 Aug 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

BFSH0

Tot Ion: 75 Resp: 4355

Ion Ratio Lower Upper

75 100

77 37.7 27.4 41.2

