

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040301.D
 Acq On : 25 Sep 2020 15:38
 Operator : SY/MD
 Sample : L4147-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ0

Quant Time: Sep 26 04:52:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126260	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31767	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	30530	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	53455	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.66	46	157294	57.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.10%
24) Chloroform-d	5.08	84	73928	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	45800	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.74	84	133636	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	46675	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	110234	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	17681	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	108018	51.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40258	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47228	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

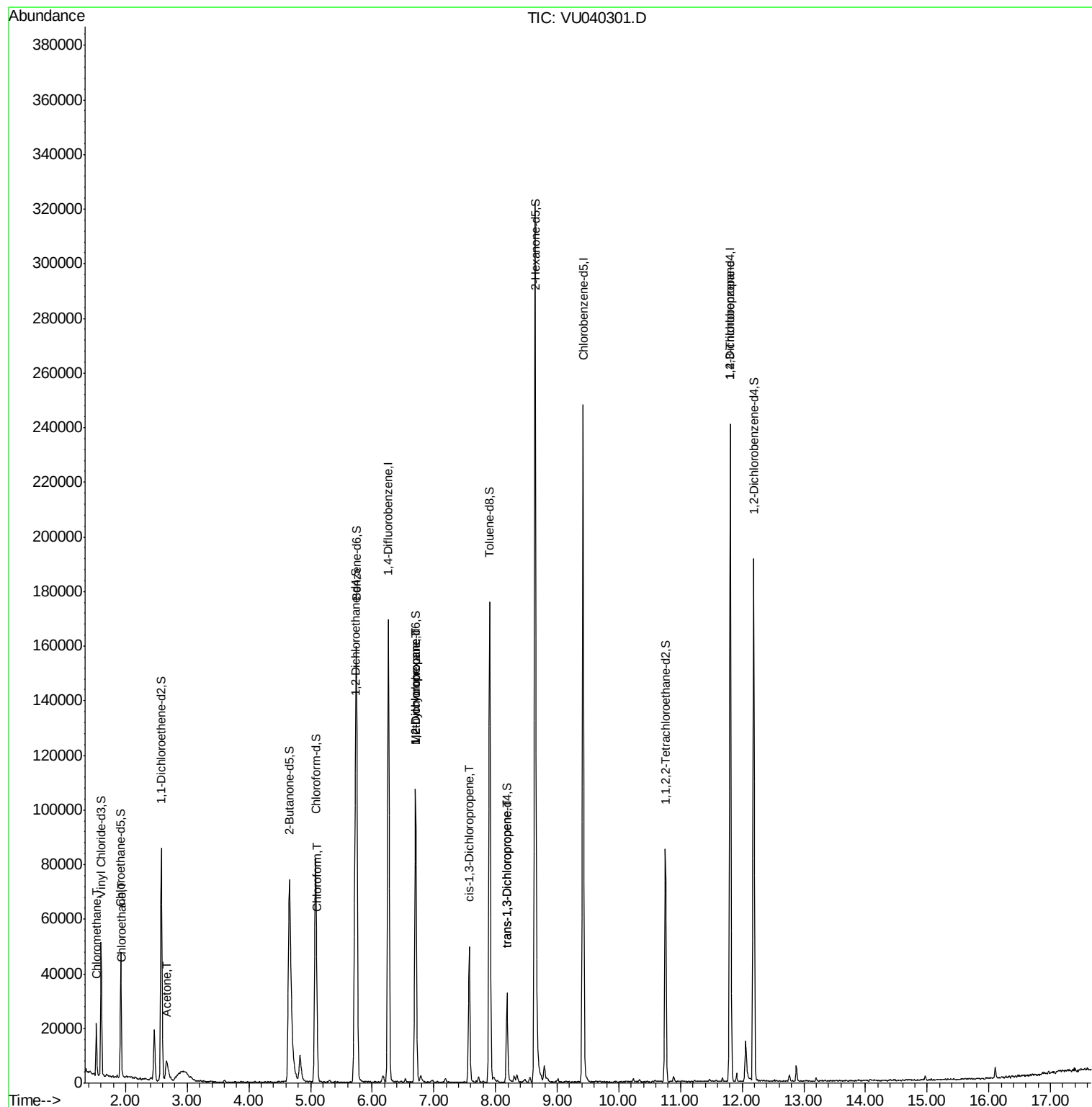
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	12468	1.039	ug/L	97
8) Chloroethane	1.94	64	297	0.041	ug/L #	42
13) Acetone	2.67	43	17852	6.994	ug/L	86
25) Chloroform	5.11	83	3065	0.138	ug/L	86
35) Methylcyclohexane	6.70	83	11031	0.599	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5391	0.444	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1201	0.067	ug/L #	30
44) trans-1,3-Dichloropropene	8.19	75	845	0.051	ug/L #	48
59) 1,2,3-Trichloropropane	11.81	75	8068	0.898	ug/L #	81

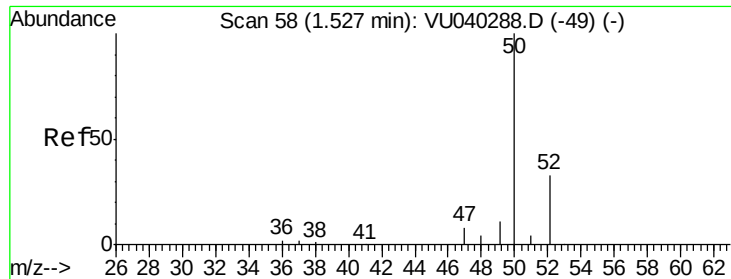
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.039 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040301.D

Acq: 25 Sep 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

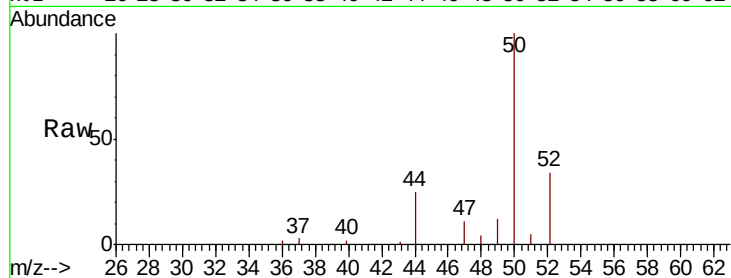
BFSJ0

Tot Ion: 50 Resp: 12468

Ion Ratio Lower Upper

50 100

52 34.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

12000

10000

8000

6000

4000

2000

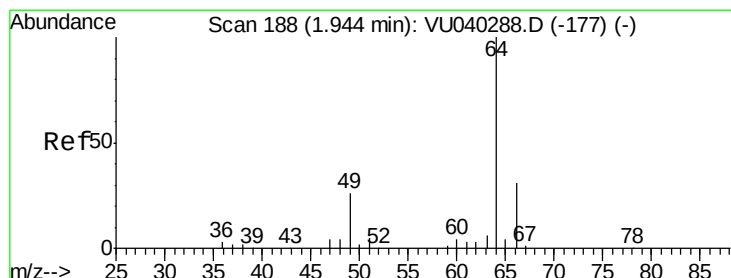
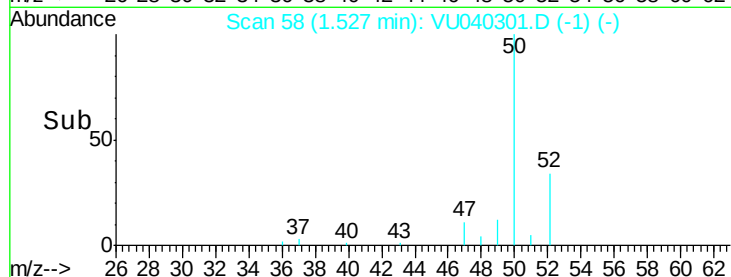
0

1.50

1.53

1.55

Time-->



#8

Chloroethane

Concen: 0.041 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040301.D

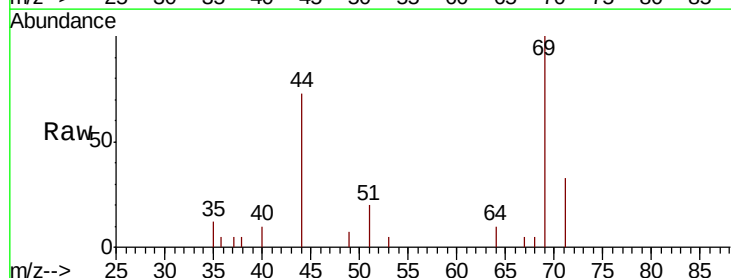
Acq: 25 Sep 2020 15:38

Tgt Ion: 64 Resp: 297

Ion Ratio Lower Upper

64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

250

200

150

100

50

0

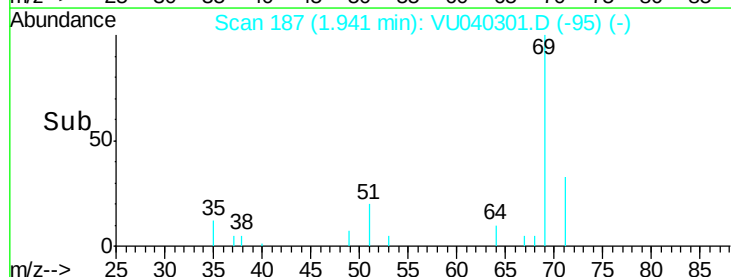
1.90

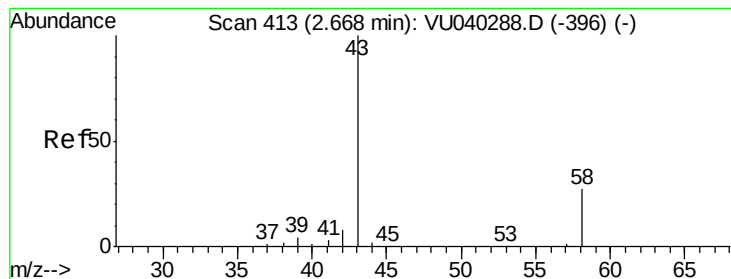
1.92

1.94

1.96

Time-->





#13

Acetone

Concen: 6.994 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU040301.D

Acq: 25 Sep 2020 15:38

Instrument :

MSVOA_U

ClientSampled :

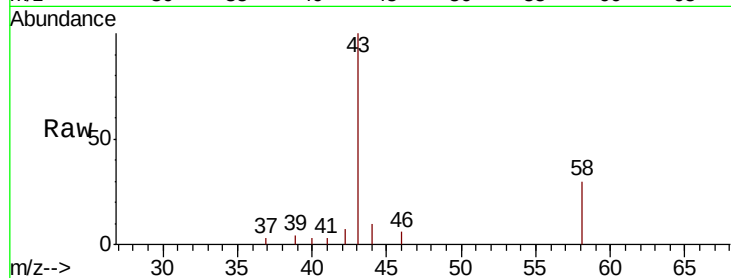
BFSJ0

Tot Ion: 43 Resp: 17852

Ion Ratio Lower Upper

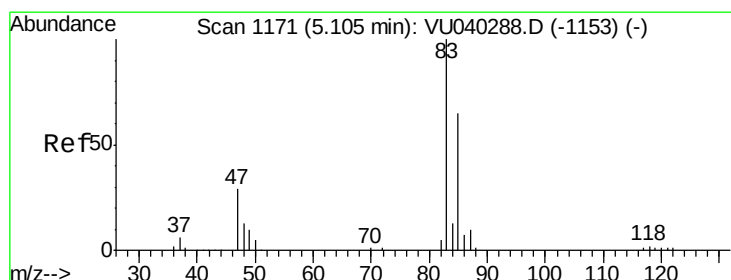
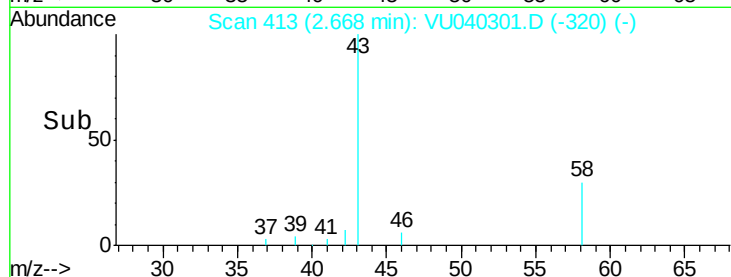
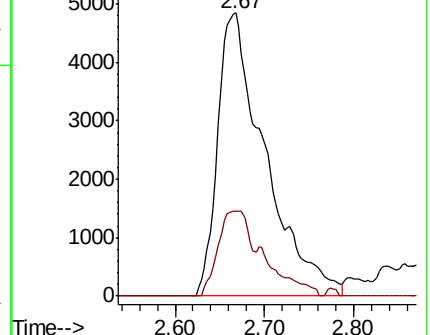
43 100

58 20.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040301.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040301.D (-320) (-)



#25

Chloroform

Concen: 0.138 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040301.D

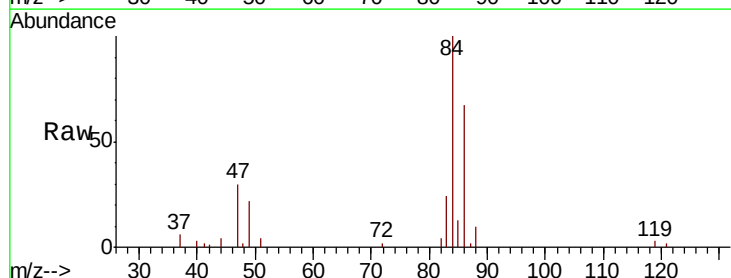
Acq: 25 Sep 2020 15:38

Tgt Ion: 83 Resp: 3065

Ion Ratio Lower Upper

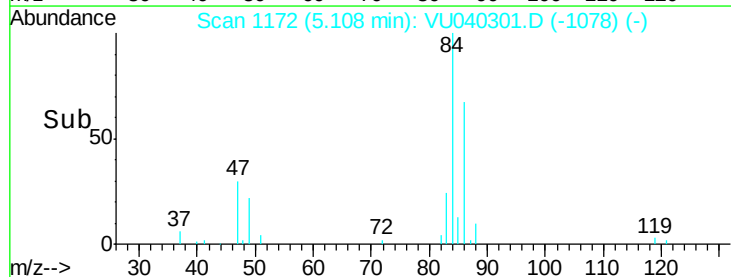
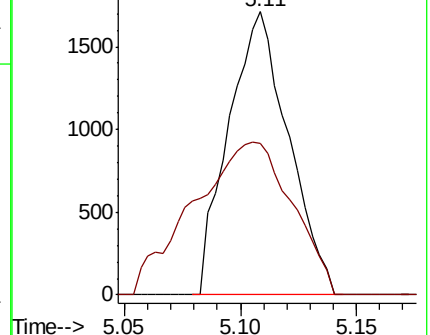
83 100

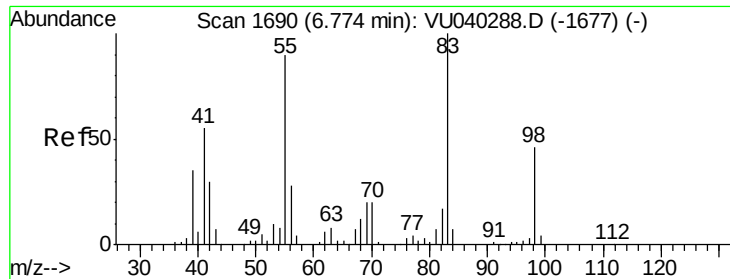
85 53.5 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040301.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040301.D (-1078) (-)

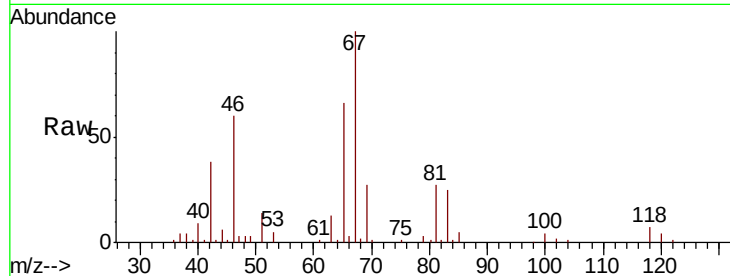




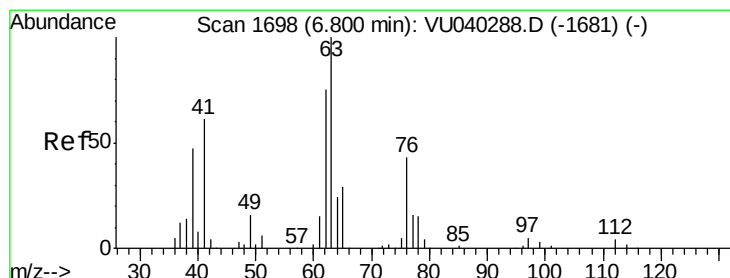
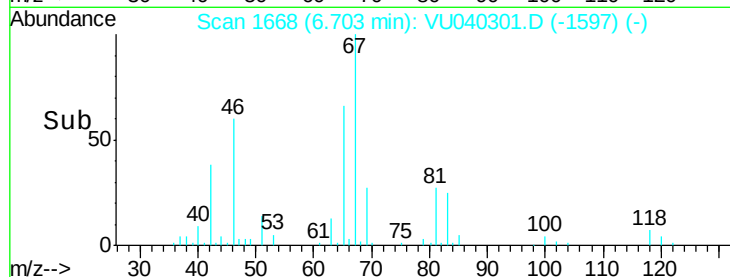
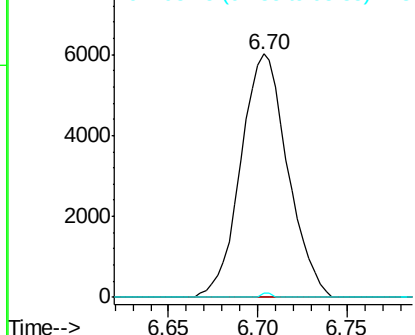
#35
Methylvlcyclohexane
Concen: 0.599 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040301.D
Acq: 25 Sep 2020 15:38

Instrument :
MSVOA_U
ClientSampleId :
BFSJ0

Tot Ion: 83 Resp: 11031
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.4 37.8 56.6#

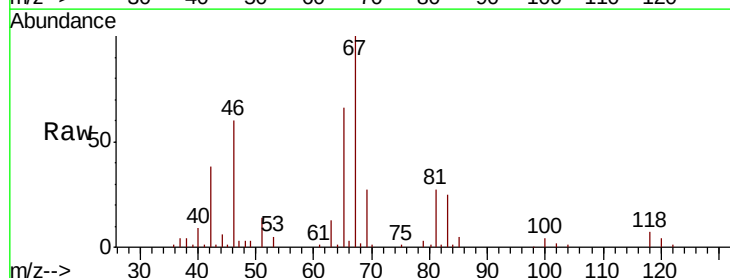


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

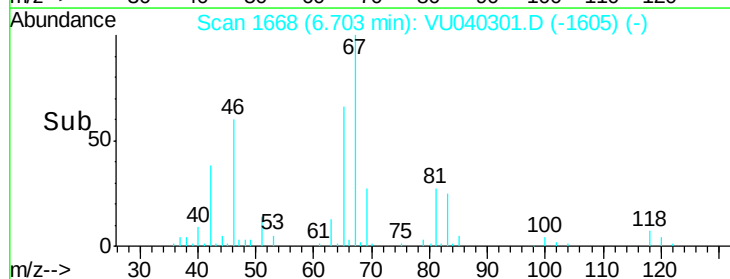
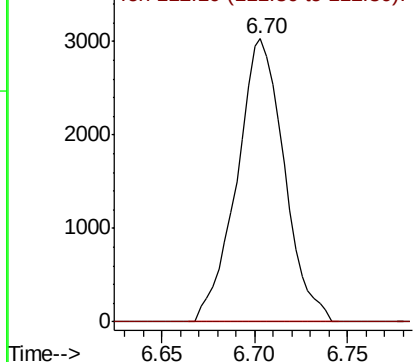


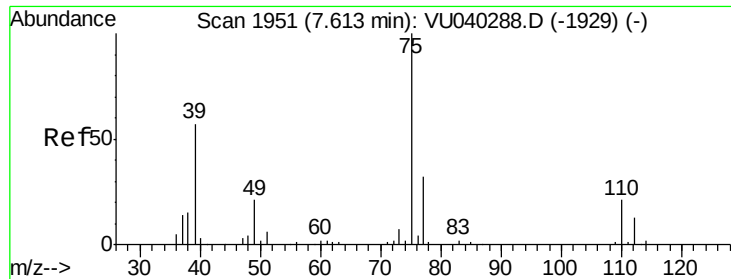
#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040301.D
Acq: 25 Sep 2020 15:38

Tgt Ion: 63 Resp: 5391
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

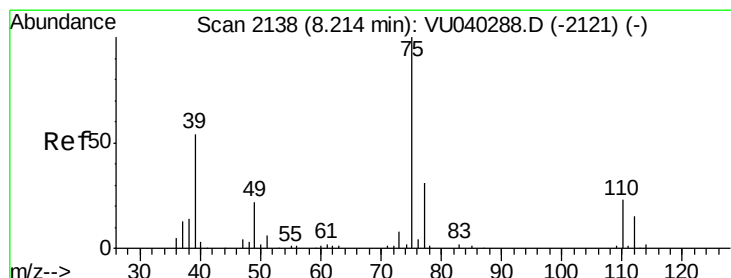
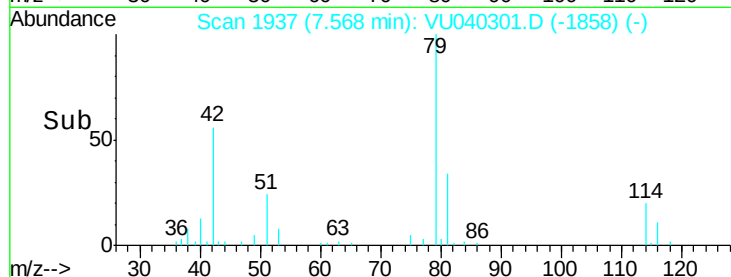
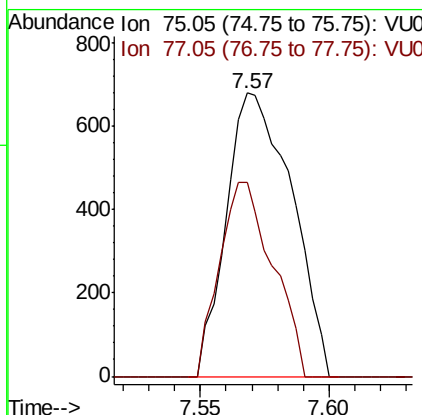
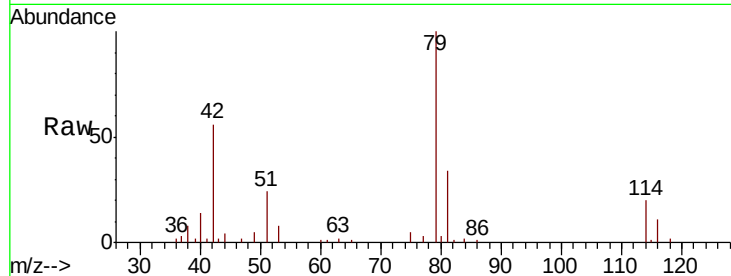




#39
 cis-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU040301.D
 Acq: 25 Sep 2020 15:38

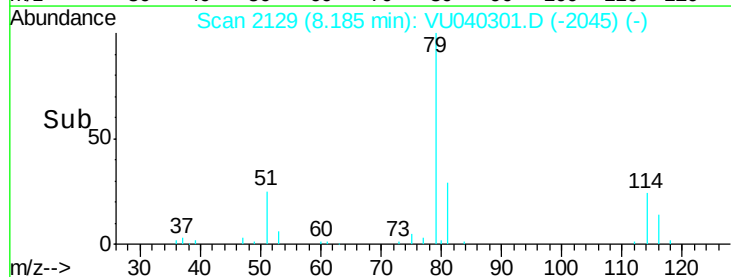
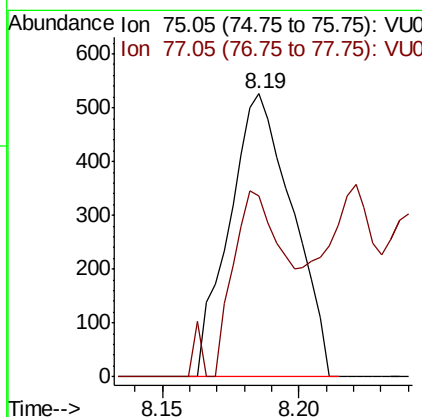
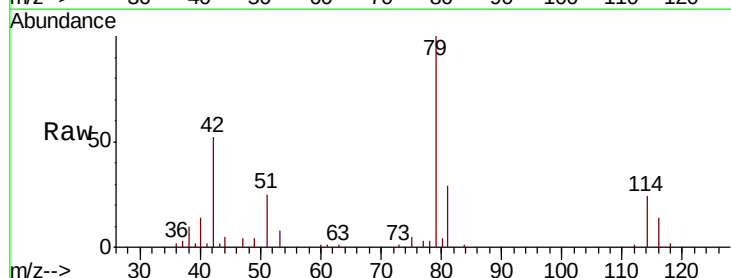
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ0

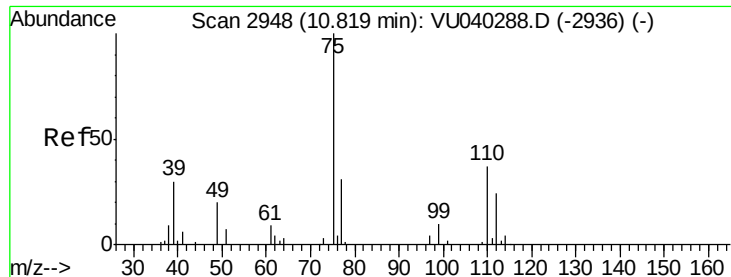
Tot Ion: 75 Resp: 1201
 Ion Ratio Lower Upper
 75 100
 77 68.3 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.051 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040301.D
 Acq: 25 Sep 2020 15:38

Tgt Ion: 75 Resp: 845
 Ion Ratio Lower Upper
 75 100
 77 64.1 23.9 44.3#





#59

1,2,3-Trichloropropane

Concen: 0.898 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040301.D

Acq: 25 Sep 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

BFSJ0

Tot Ion: 75 Resp: 8068

Ion Ratio Lower Upper

75 100

77 41.3 24.9 37.3#

