

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040420.D
 Acq On : 01 Oct 2020 13:26
 Operator : SY/MD
 Sample : L4202-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB6

Quant Time: Oct 02 03:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26526	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	27858	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	46946	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.65	46	175855	54.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	5.08	84	76200	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	47629	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	132470	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	49010	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	102822	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	18520	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	122377	49.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49116	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50461	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

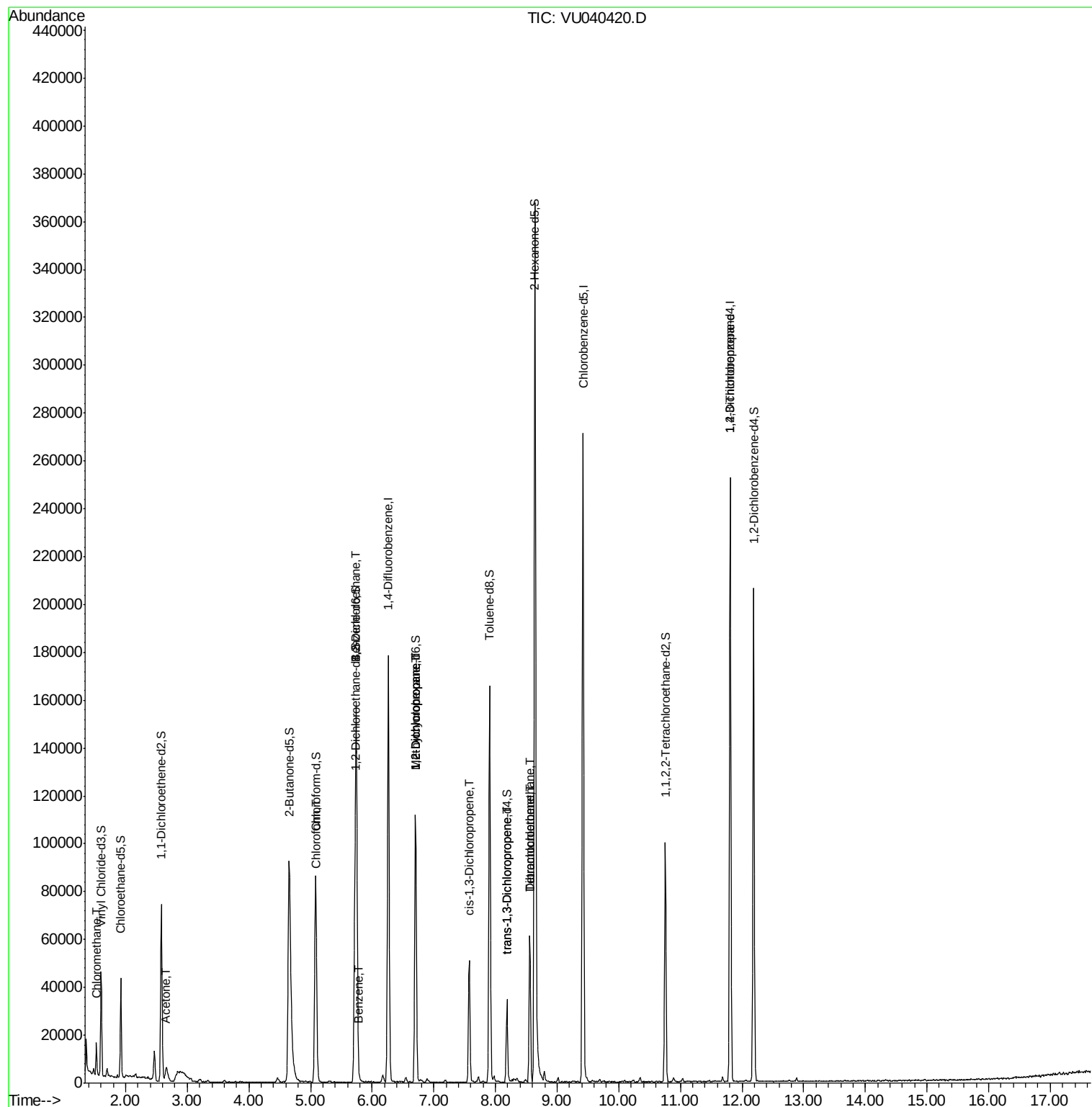
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	8836	0.680	ug/L	98
13) Acetone	2.66	43	11060	4.087	ug/L	99
25) Chloroform	5.10	83	3001	0.138	ug/L	85
27) 1,2-Dichloroethane	5.74	62	912	0.060	ug/L #	74
33) Benzene	5.79	78	1320	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	11835	0.650	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5465	0.420	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1401	0.080	ug/L #	72
44) trans-1,3-Dichloropropene	8.18	75	907	0.056	ug/L	94
47) Tetrachloroethene	8.56	164	12051	1.368	ug/L	96
49) Dibromochloromethane	8.56	129	12351	1.164	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	9171	0.972	ug/L	94

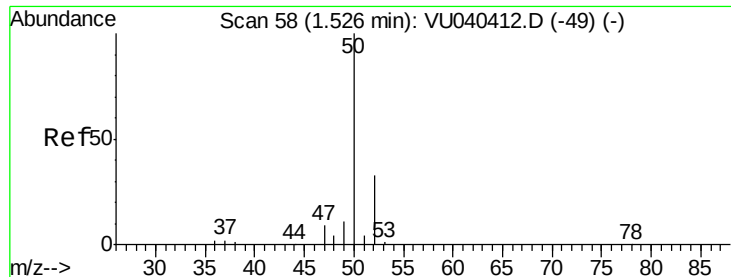
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.680 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040420.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

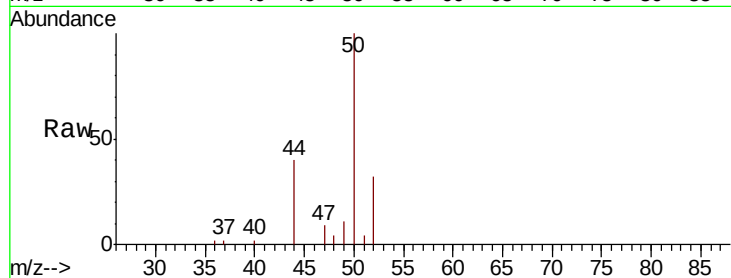
BFSB6

Tot Ion: 50 Resp: 8836

Ion Ratio Lower Upper

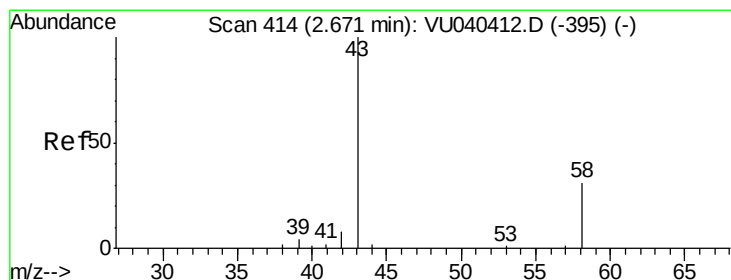
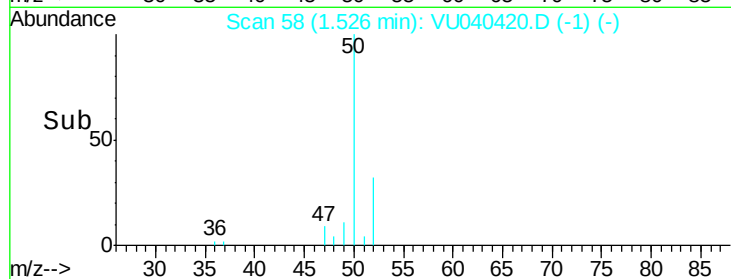
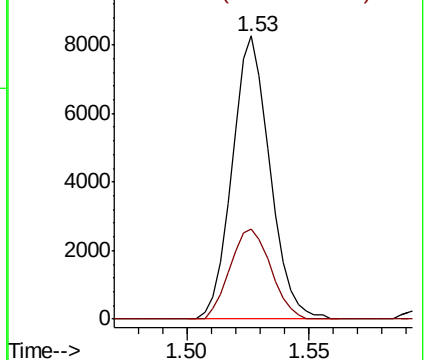
50 100

52 31.9 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 4.087 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040420.D

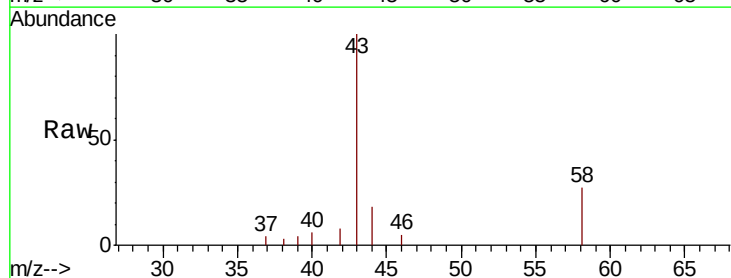
Acq: 01 Oct 2020 13:26

Tgt Ion: 43 Resp: 11060

Ion Ratio Lower Upper

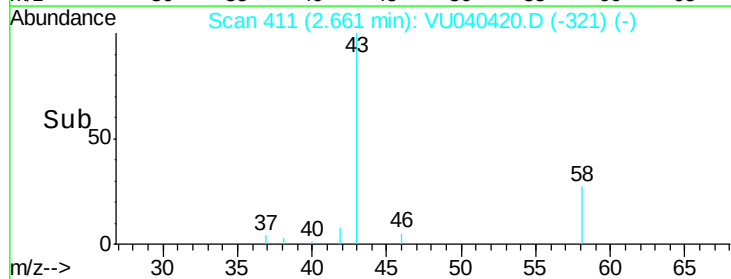
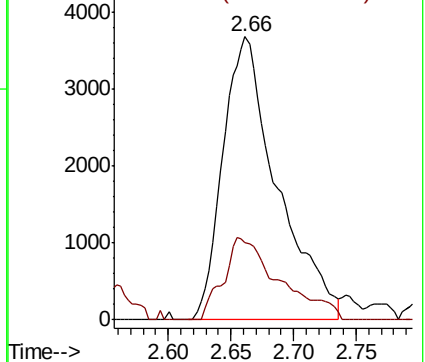
43 100

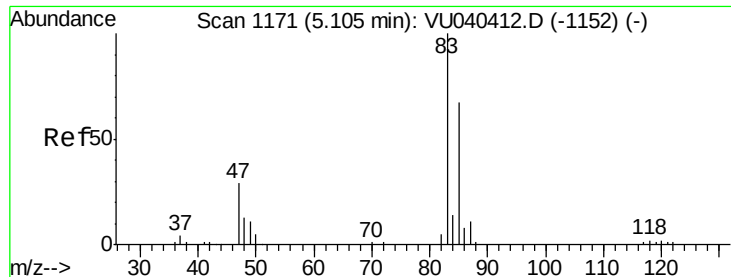
58 30.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

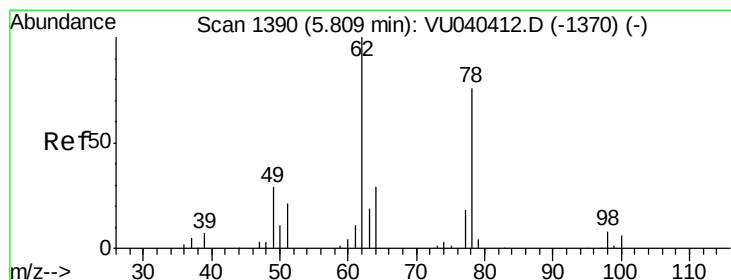
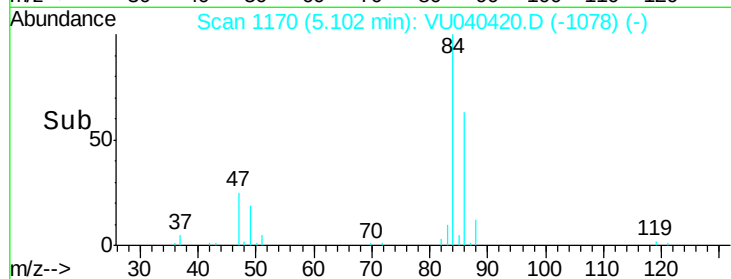
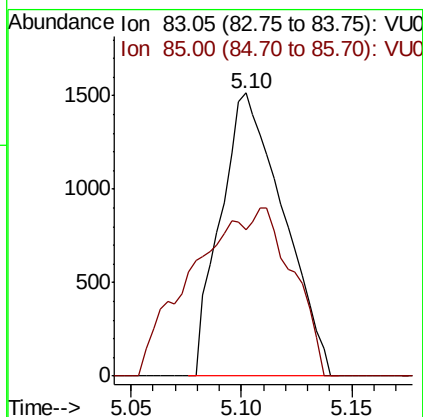
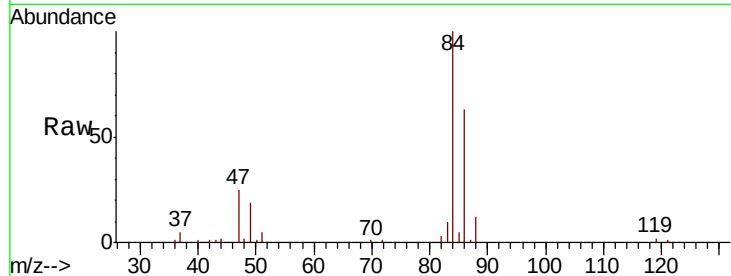




#25
Chloroform
Concen: 0.138 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040420.D
Acq: 01 Oct 2020 13:26

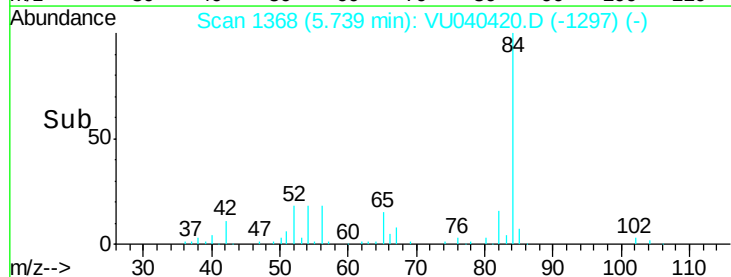
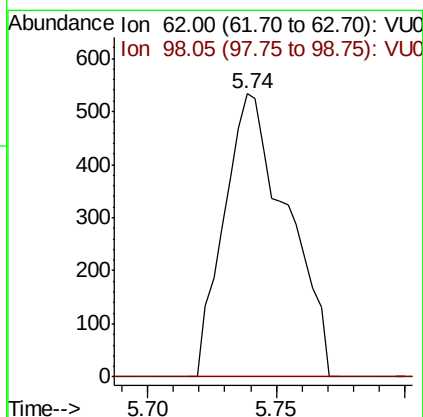
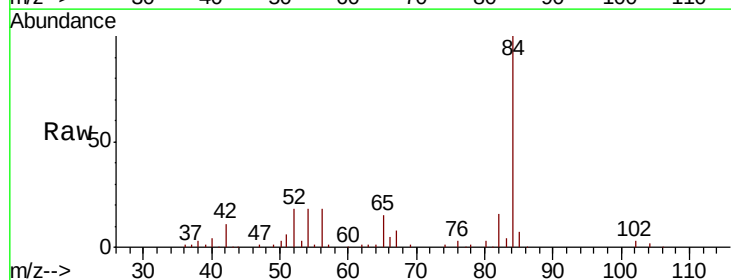
Instrument :
MSVOA_U
ClientSampleId :
BFSB6

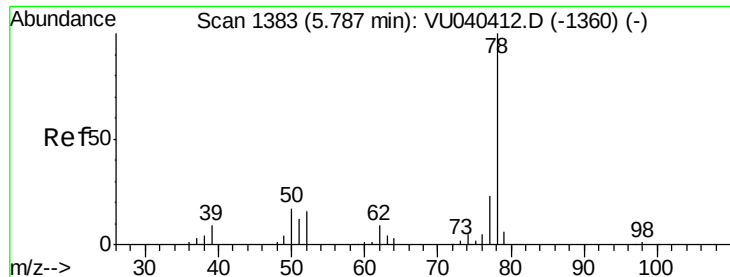
Tot Ion: 83 Resp: 3001
Ion Ratio Lower Upper
83 100
85 51.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040420.D
Acq: 01 Oct 2020 13:26

Tgt Ion: 62 Resp: 912
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.028 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040420.D

Acq: 01 Oct 2020 13:26

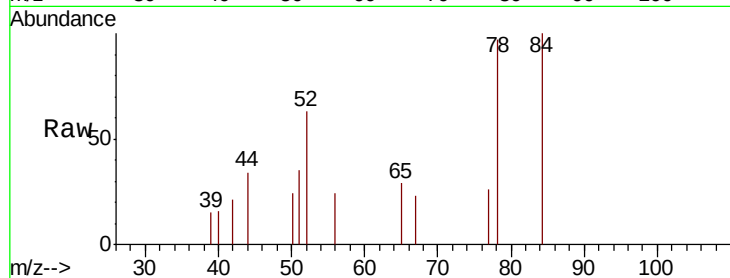
Instrument :

MSVOA_U

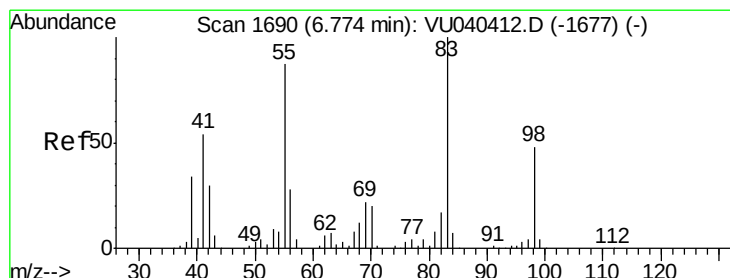
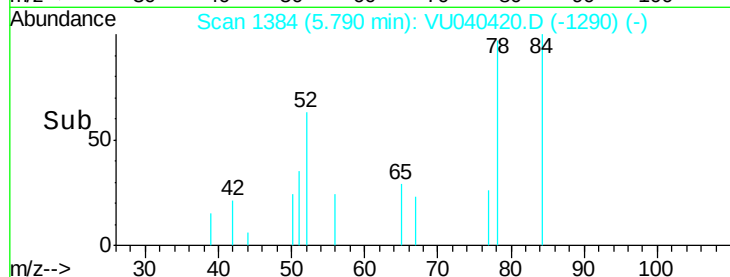
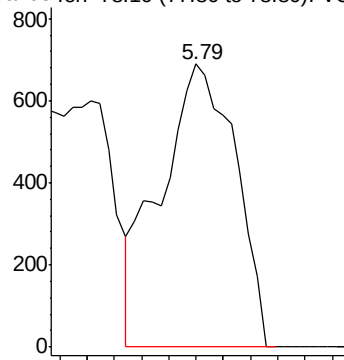
ClientSampled :

BFSB6

Tgt Ion: 78 Resp: 1320



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040420.D

Acq: 01 Oct 2020 13:26

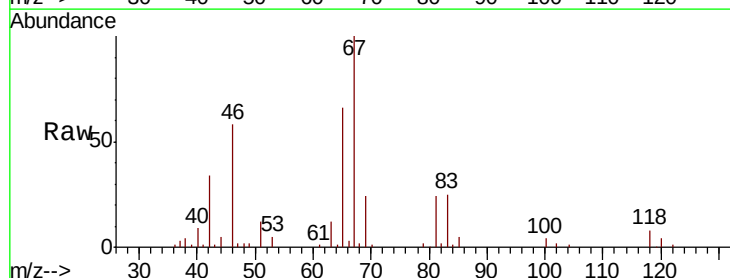
Tgt Ion: 83 Resp: 11835

Ion Ratio Lower Upper

83 100

55 0.2 71.4 107.2#

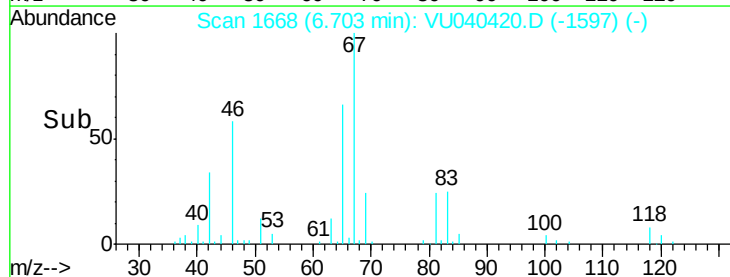
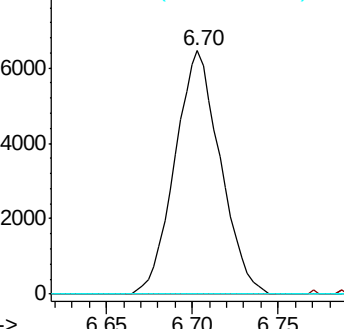
98 0.9 38.5 57.7#

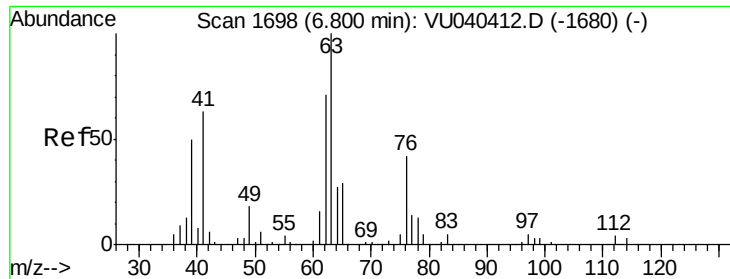


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

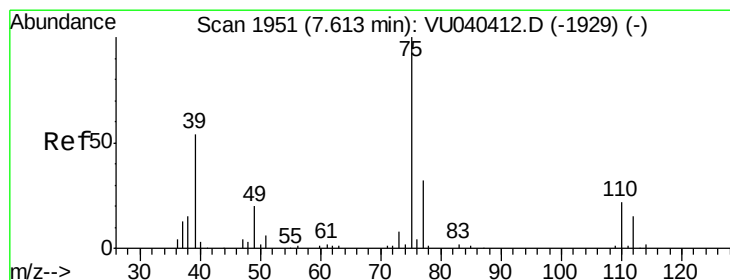
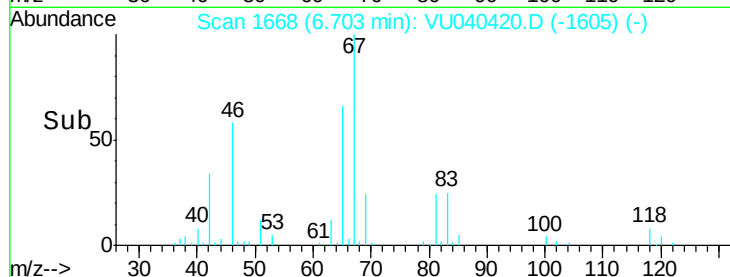
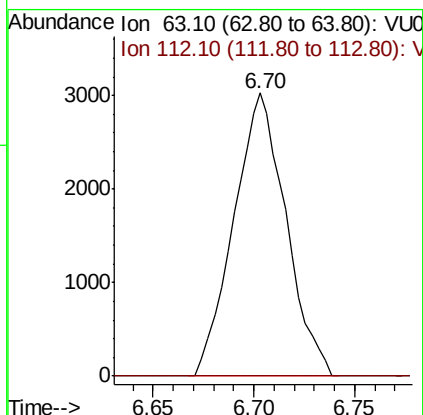
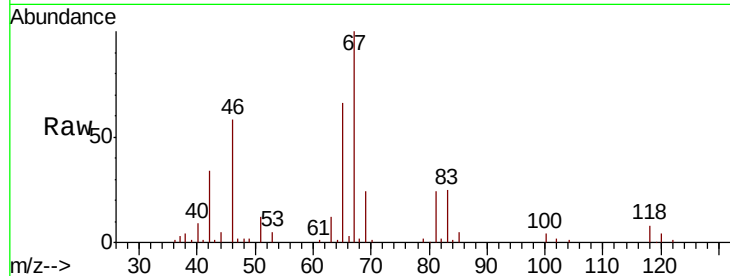




#37
 1,2-Dichloropropane
 Concen: 0.420 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040420.D
 Acq: 01 Oct 2020 13:26

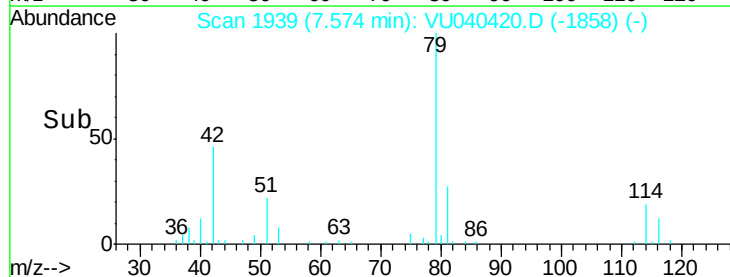
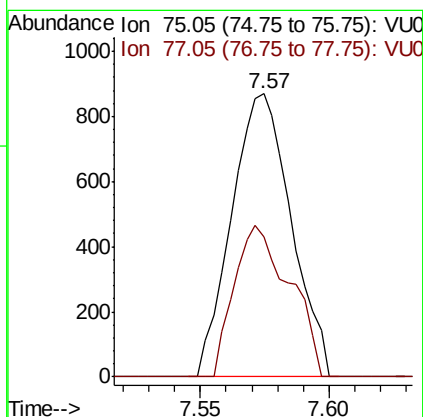
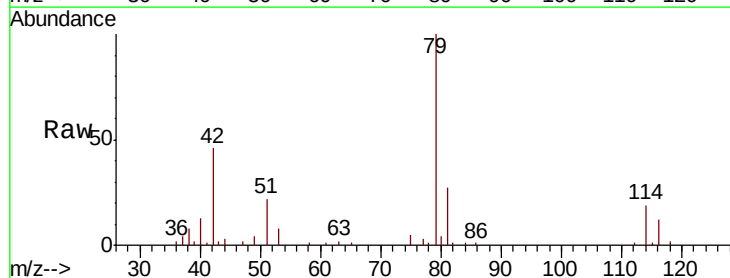
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB6

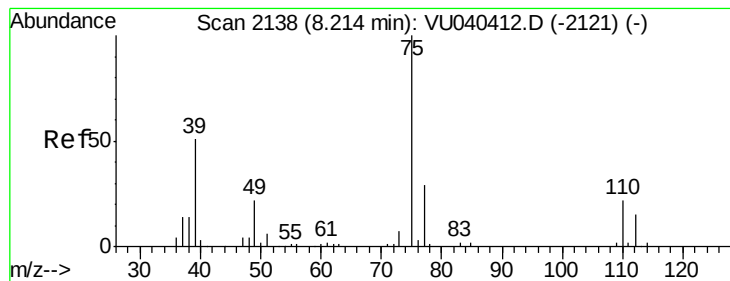
Tot Ion: 63 Resp: 5465
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040420.D
 Acq: 01 Oct 2020 13:26

Tgt Ion: 75 Resp: 1401
 Ion Ratio Lower Upper
 75 100
 77 49.6 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040420.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

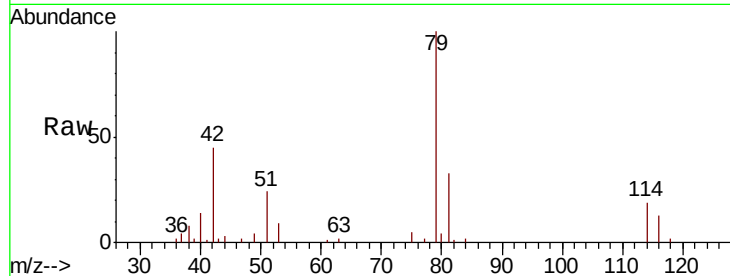
BFSB6

Tot Ion: 75 Resp: 907

Ion Ratio Lower Upper

75 100

77 34.9 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU040420.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU040420.D (-2121) (-)

8.18

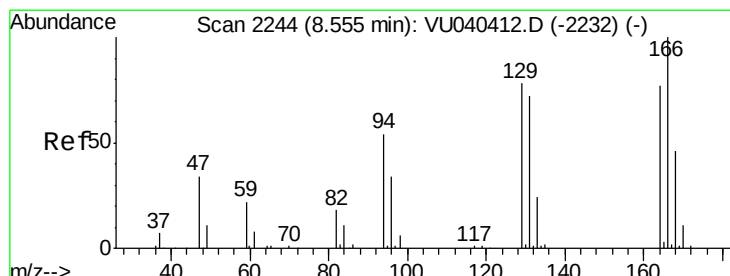
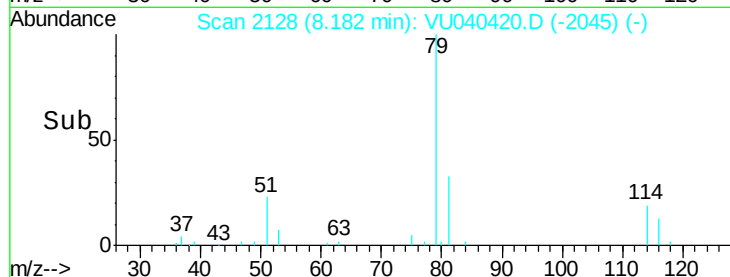
600

400

200

0

Time-->



#47

Tetrachloroethene

Concen: 1.368 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040420.D

Acq: 01 Oct 2020 13:26

Tgt Ion: 164 Resp: 12051

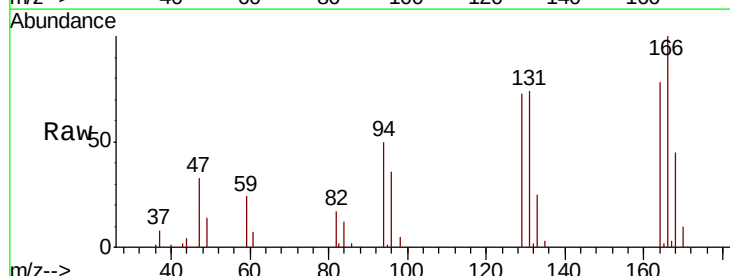
Ion Ratio Lower Upper

164 100

129 93.9 70.3 130.7

131 95.5 69.2 128.6

166 128.5 91.1 169.3



Abundance Ion 163.90 (163.60 to 164.60): VU040420.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040420.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040420.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040420.D (-2151) (-)

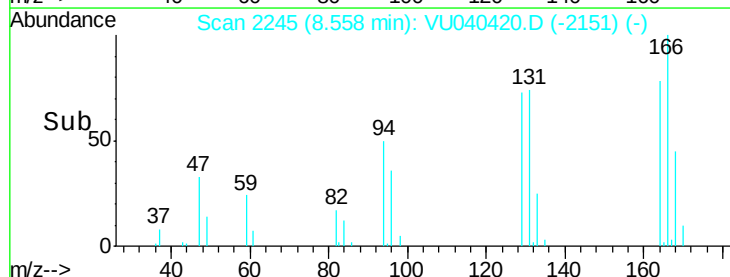
15000

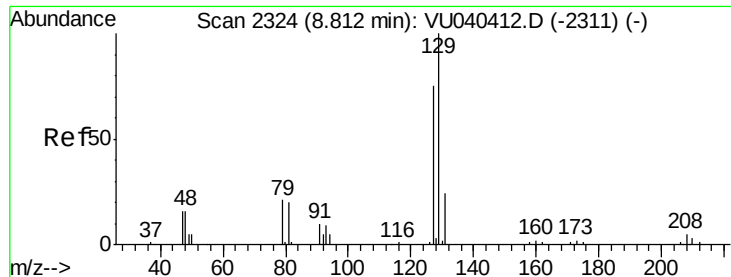
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5000

0

Time-->

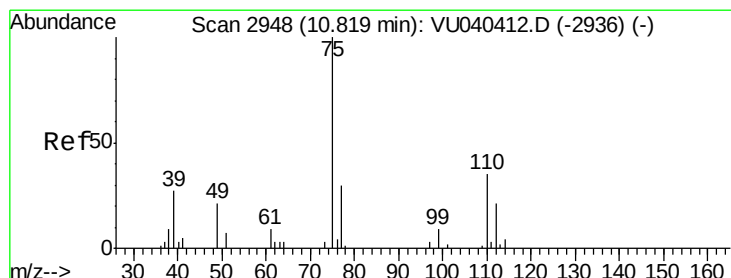
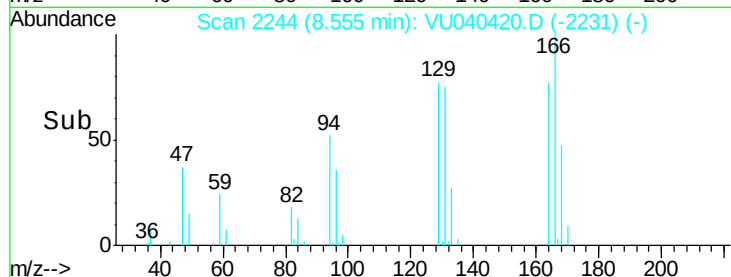
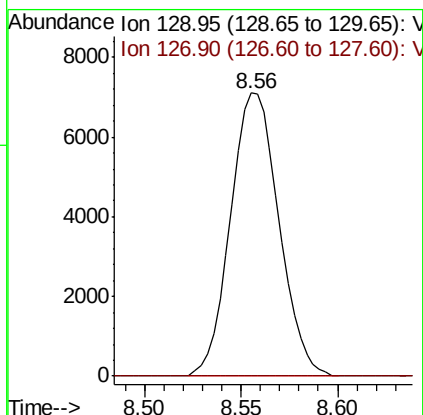
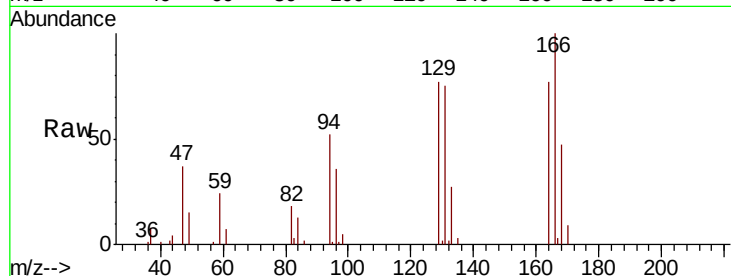




#49
Dibromochloromethane
Concen: 1.164 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040420.D
Acq: 01 Oct 2020 13:26

Instrument :
MSVOA_U
ClientSampled :
BFSB6

Tot Ion:129 Resp: 12351
Ion Ratio Lower Upper
129 100
127 0.0 55.4 103.0#



#59
1,2,3-Trichloropropane
Concen: 0.972 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU040420.D
Acq: 01 Oct 2020 13:26

Tgt Ion: 75 Resp: 9171
Ion Ratio Lower Upper
75 100
77 35.3 25.7 38.5

