

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041881.D
 Acq On : 07 Jan 2021 18:40
 Operator : SY/MD
 Sample : M1026-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXL5

Quant Time: Jan 08 06:23:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136769	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41941	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.92	69	45415	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.58	63	64546	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	180233	58.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.36%
24) Chloroform-d	5.08	84	102084	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.72	65	57806	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.74	84	197464	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	65116	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.90	98	152851	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	25107	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	154437	52.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58888	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	61618	6.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.20%#

Target Compounds

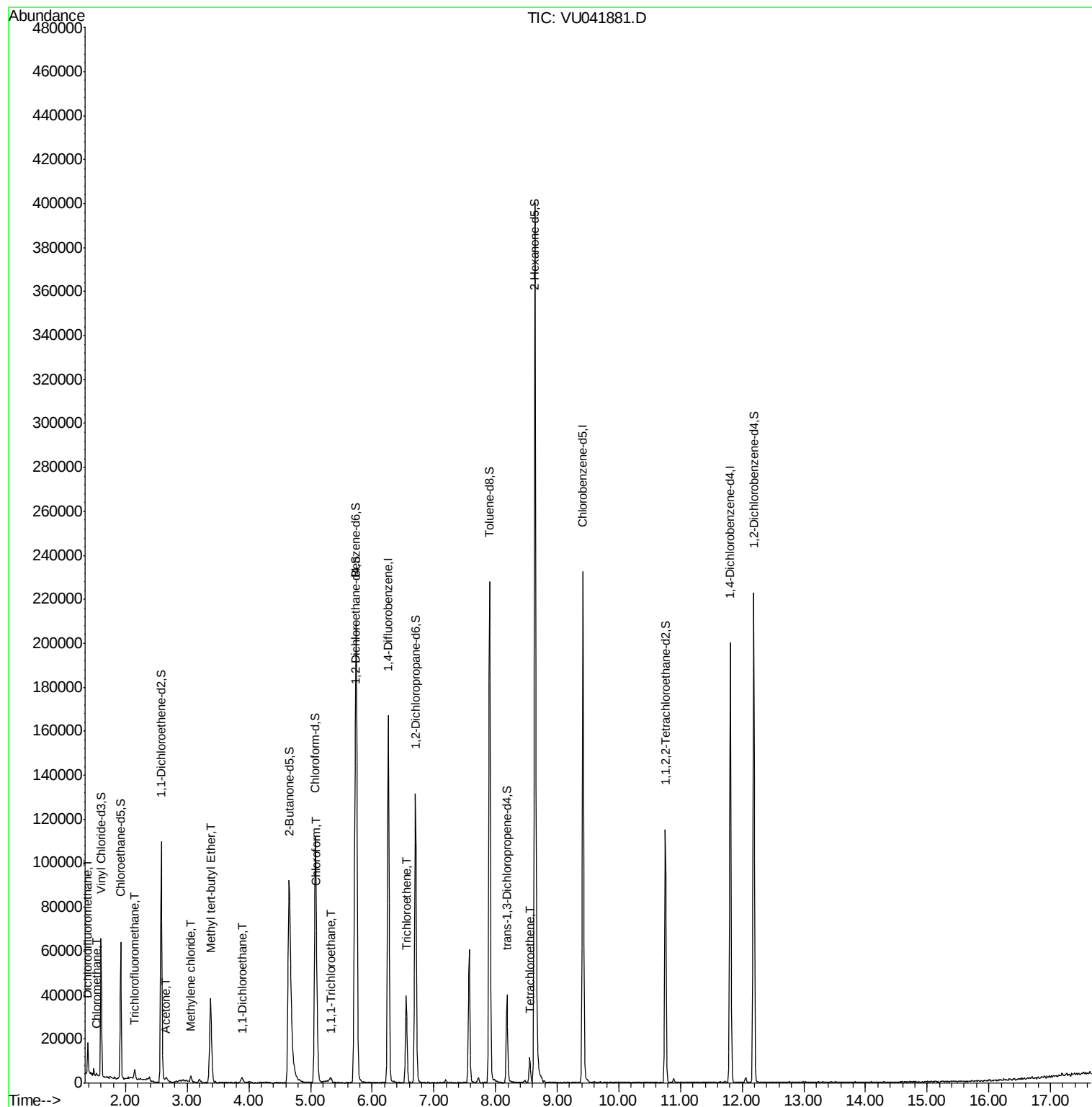
					Qvalue
2) Dichlorodifluoromethane	1.39	85	7448	0.643 ug/L	98
3) Chloromethane	1.52	50	808	0.072 ug/L	92
9) Trichlorofluoromethane	2.15	101	2466	0.157 ug/L	88
13) Acetone	2.66	43	3528	1.806 ug/L	63
16) Methylene chloride	3.06	84	1330	0.120 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	42606	1.721 ug/L	99
19) 1,1-Dichloroethane	3.89	63	3557	0.198 ug/L	87
25) Chloroform	5.11	83	15583	0.863 ug/L	91
29) 1,1,1-Trichloroethane	5.33	97	1801	0.117 ug/L #	89
34) Trichloroethene	6.55	95	13595	1.258 ug/L	98
47) Tetrachloroethene	8.56	164	2779	0.367 ug/L	90

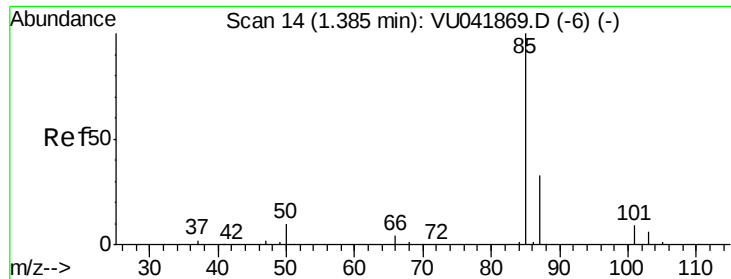
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041881.D
Acq On : 07 Jan 2021 18:40
Operator : SY/MD
Sample : M1026-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXL5

Quant Time: Jan 08 06:23:29 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 08 04:58:19 2021
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.643 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041881.D

Acq: 07 Jan 2021 18:40

Instrument :

MSVOA_U

ClientSampleId :

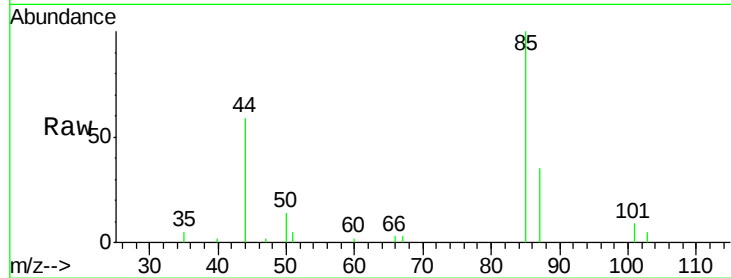
BFXL5

Tgt Ion: 85 Resp: 7448

Ion Ratio Lower Upper

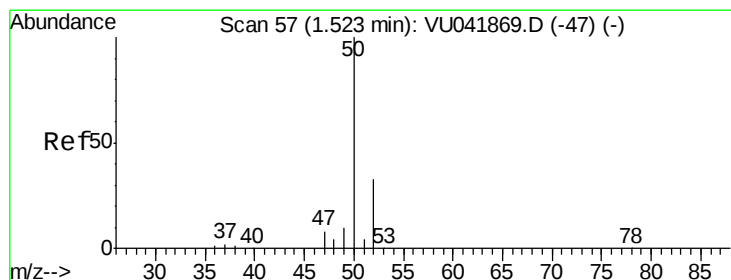
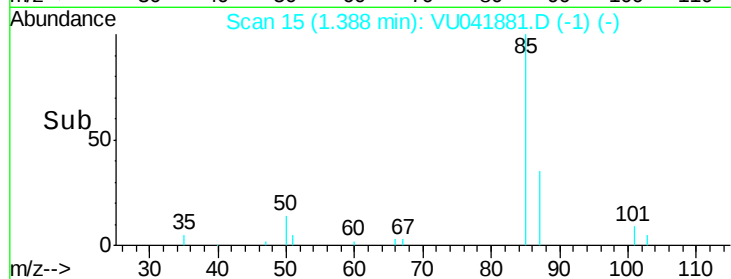
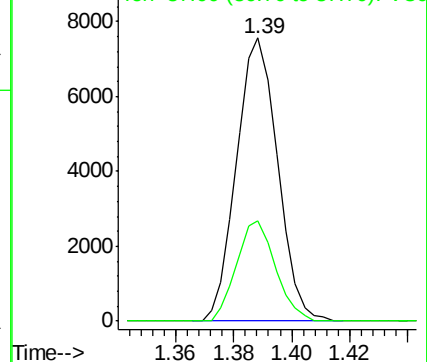
85 100

87 33.4 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041881.D

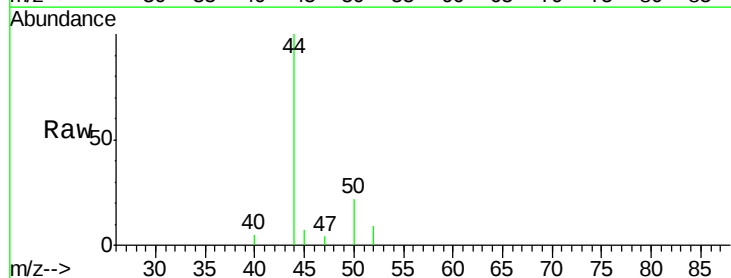
Acq: 07 Jan 2021 18:40

Tgt Ion: 50 Resp: 808

Ion Ratio Lower Upper

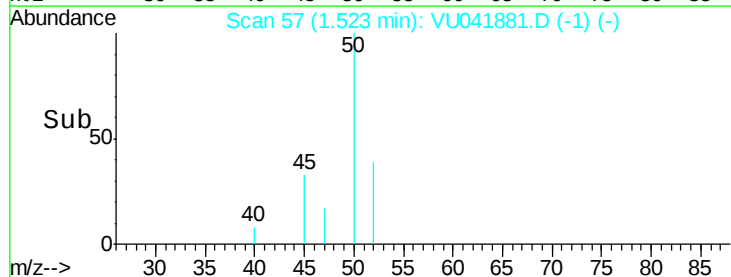
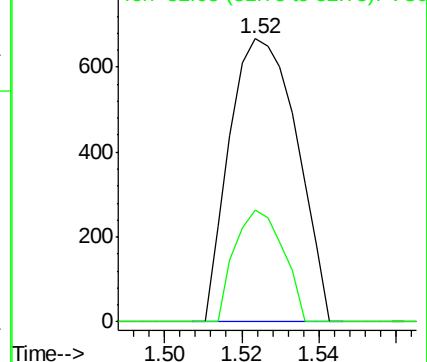
50 100

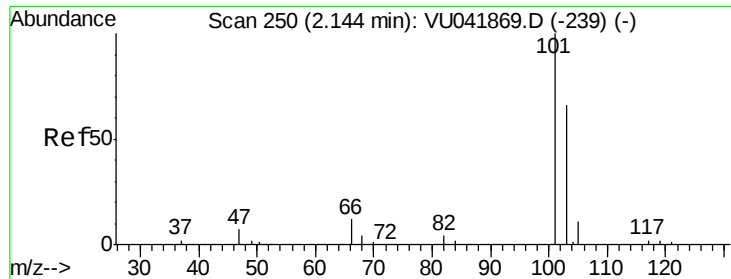
52 39.3 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



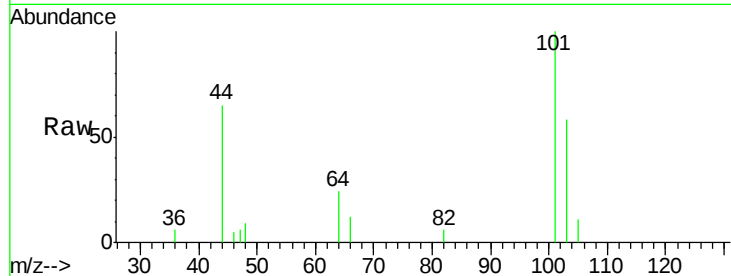


#9

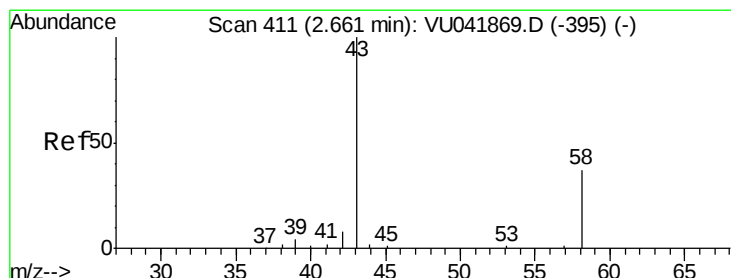
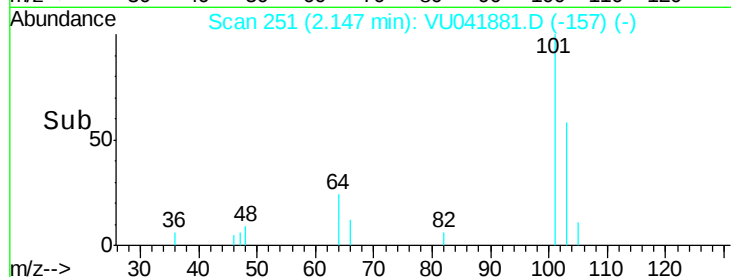
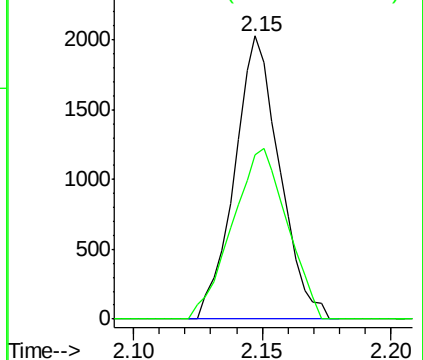
Trichlorofluoromethane
 Concen: 0.157 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041881.D
 Acq: 07 Jan 2021 18:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXL5

Tgt Ion: 101 Resp: 2466
 Ion Ratio Lower Upper
 101 100
 103 73.4 51.1 76.7



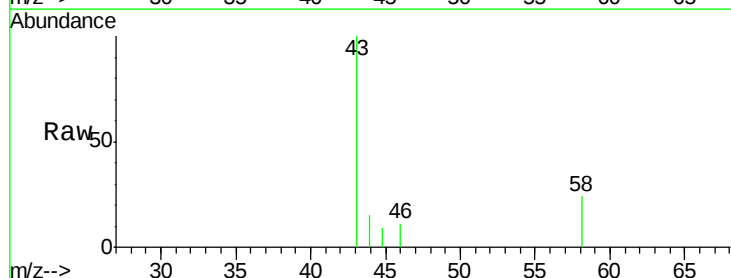
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



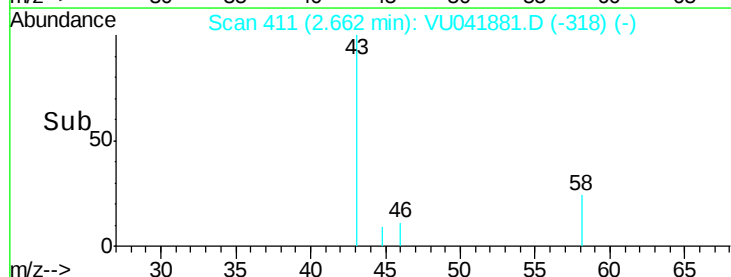
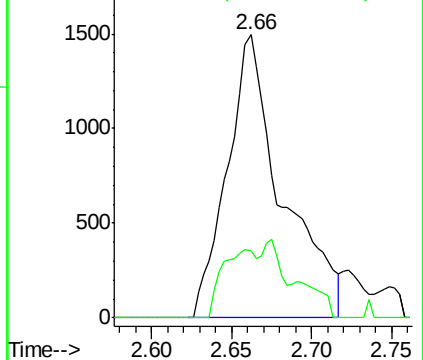
#13

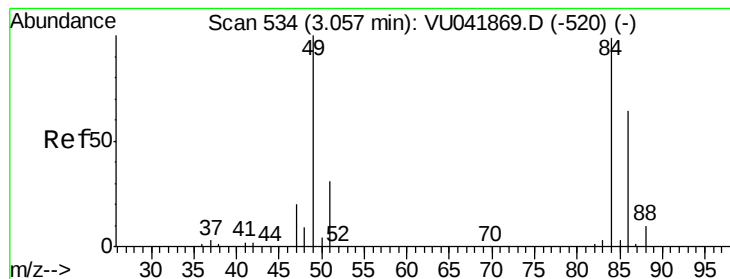
Acetone
 Concen: 1.806 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: VU041881.D
 Acq: 07 Jan 2021 18:40

Tgt Ion: 43 Resp: 3528
 Ion Ratio Lower Upper
 43 100
 58 14.7 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#16

Methylene chloride

Concen: 0.120 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041881.D

Acq: 07 Jan 2021 18:40

Instrument :

MSVOA_U

ClientSampled :

BFXL5

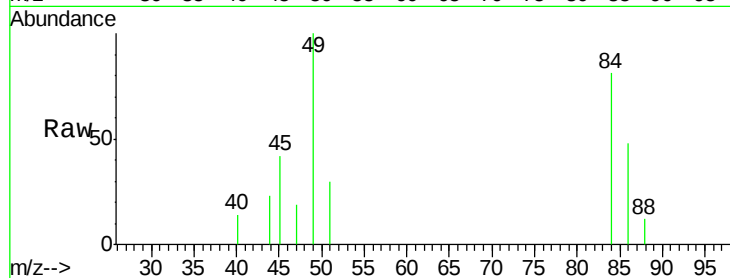
Tgt Ion: 84 Resp: 1330

Ion Ratio Lower Upper

84 100

86 59.1 45.1 83.7

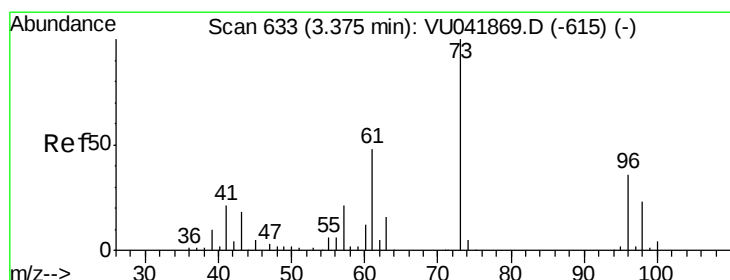
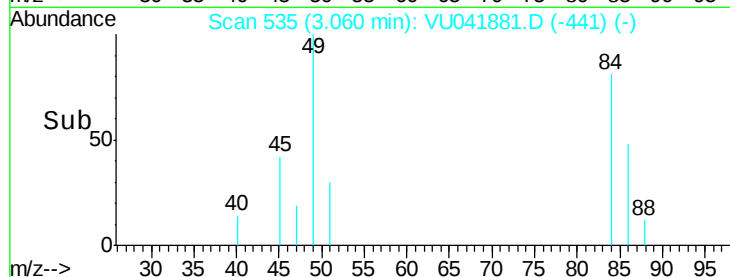
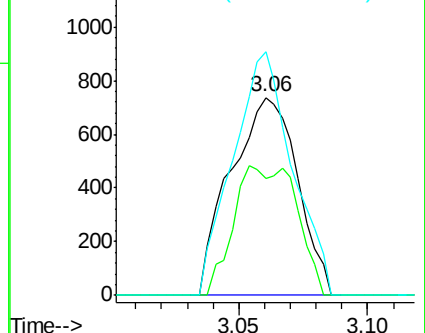
49 122.9 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU041881.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU041881.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU041881.D (-540) (-)



#17

Methyl tert-butyl Ether

Concen: 1.721 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041881.D

Acq: 07 Jan 2021 18:40

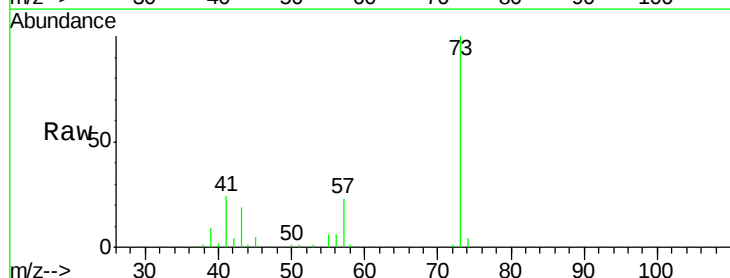
Tgt Ion: 73 Resp: 42606

Ion Ratio Lower Upper

73 100

43 18.2 14.7 22.1

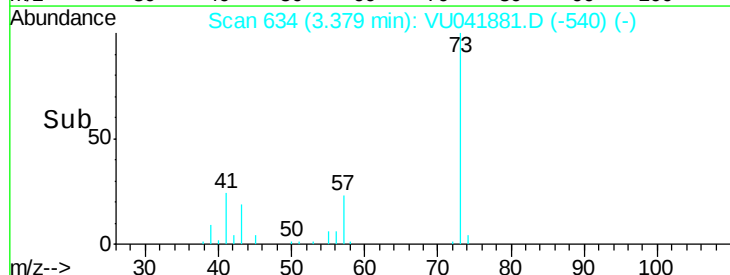
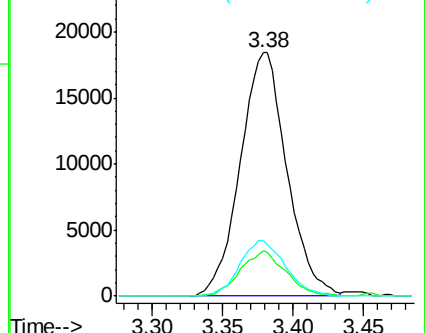
57 22.2 18.2 27.4

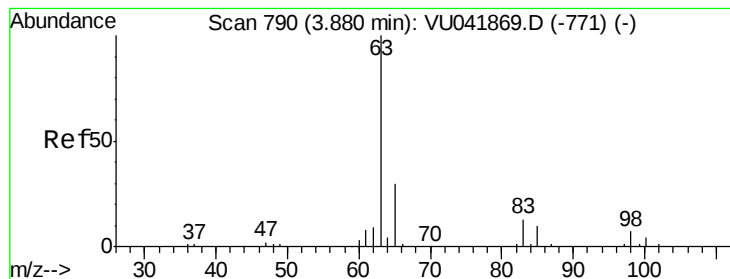


Abundance Ion 73.10 (72.80 to 73.80): VU041881.D (-540) (-)

Ion 43.05 (42.75 to 43.75): VU041881.D (-540) (-)

Ion 57.10 (56.80 to 57.80): VU041881.D (-540) (-)





#19

1,1-Dichloroethane

Concen: 0.198 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.01 min

Lab File: VU041881.D

Acq: 07 Jan 2021 18:40

Instrument :

MSVOA_U

ClientSampleId :

BFXL5

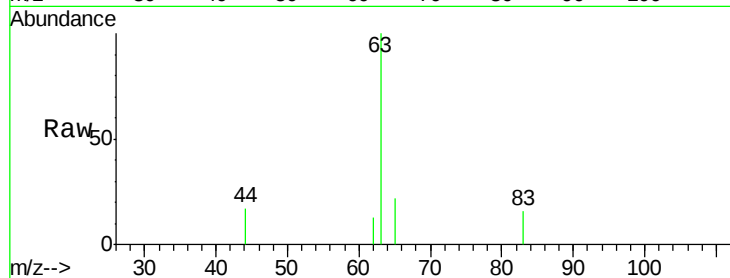
Tgt Ion: 63 Resp: 3557

Ion Ratio Lower Upper

63 100

65 22.4 21.3 39.6

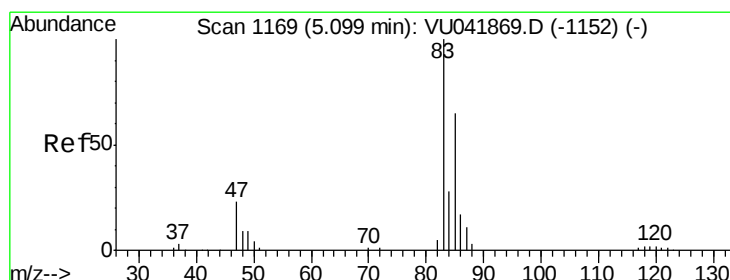
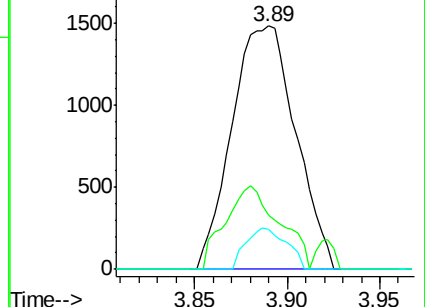
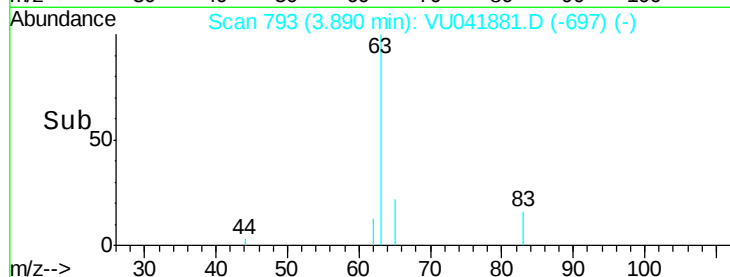
83 16.3 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU041881.D (-697) (-)

Ion 65.10 (64.80 to 65.80): VU041881.D (-697) (-)

Ion 83.05 (82.75 to 83.75): VU041881.D (-697) (-)



#25

Chloroform

Concen: 0.863 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.01 min

Lab File: VU041881.D

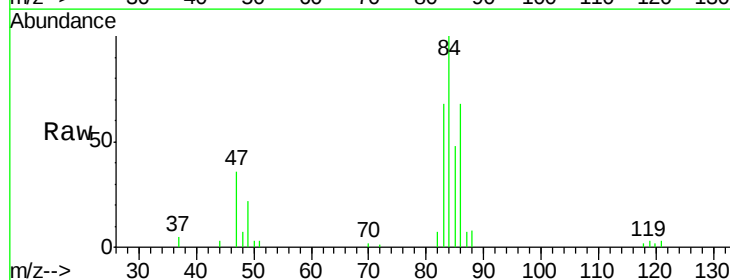
Acq: 07 Jan 2021 18:40

Tgt Ion: 83 Resp: 15583

Ion Ratio Lower Upper

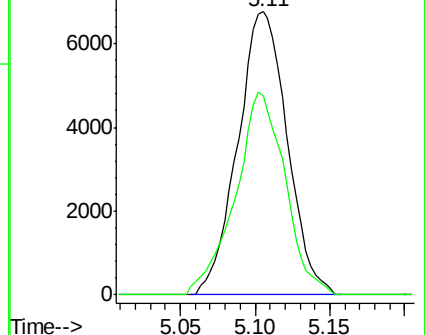
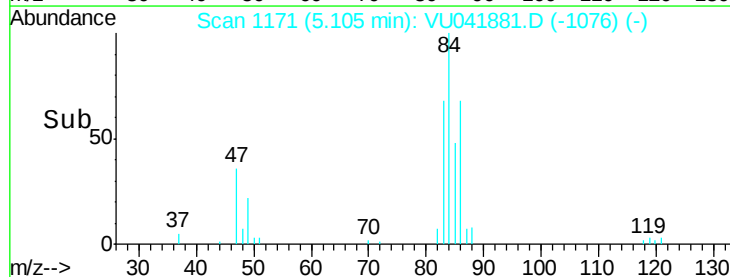
83 100

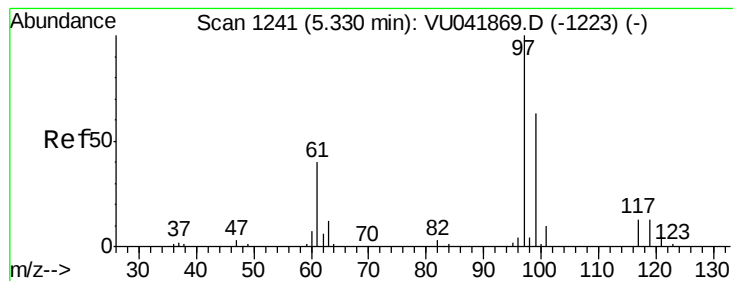
85 70.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041881.D (-1076) (-)

Ion 85.00 (84.70 to 85.70): VU041881.D (-1076) (-)





#29

1,1,1-Trichloroethane

Concen: 0.117 ug/L

RT: 5.33 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VU041881.D

Acq: 07 Jan 2021 18:40

Instrument :

MSVOA_U

ClientSampleId :

BFXL5

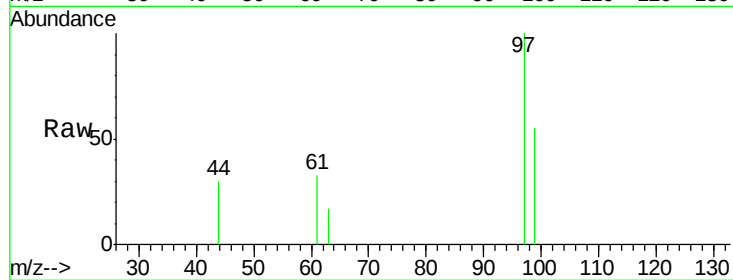
Tgt Ion: 97 Resp: 1801

Ion Ratio Lower Upper

97 100

99 56.7 51.3 76.9

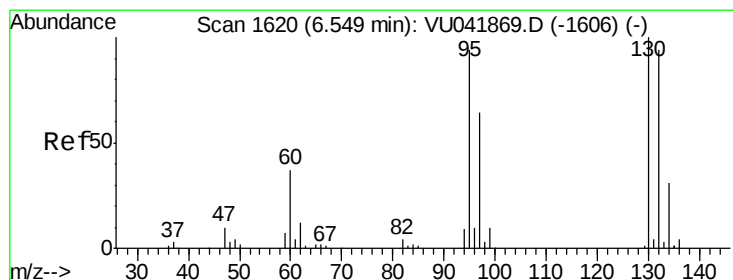
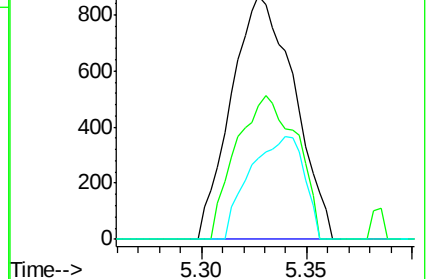
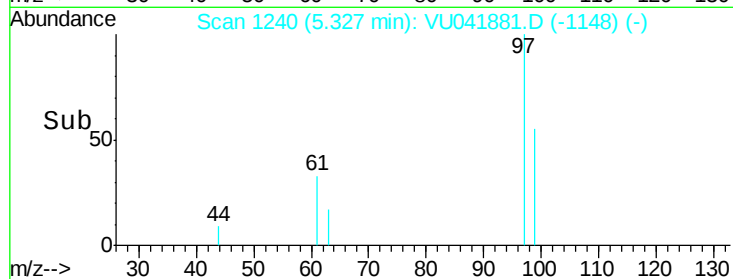
61 36.3 36.5 54.7#



Abundance Ion 96.95 (96.65 to 97.65): VU041881.D (-1148) (-)

Ion 99.05 (98.75 to 99.75): VU041881.D (-1148) (-)

Ion 61.05 (60.75 to 61.75): VU041881.D (-1148) (-)



#34

Trichloroethene

Concen: 1.258 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041881.D

Acq: 07 Jan 2021 18:40

Tgt Ion: 95 Resp: 13595

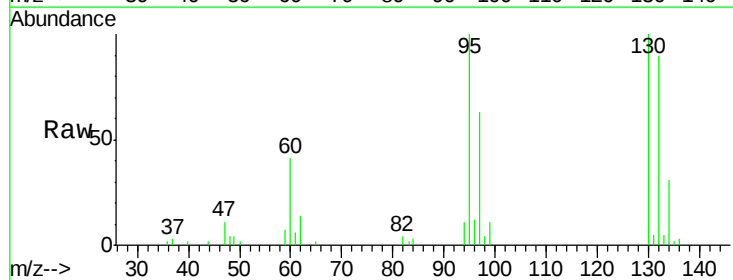
Ion Ratio Lower Upper

95 100

97 63.1 43.9 81.5

132 90.0 63.1 117.3

130 100.0 67.4 125.2

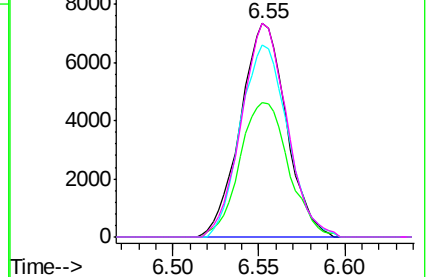
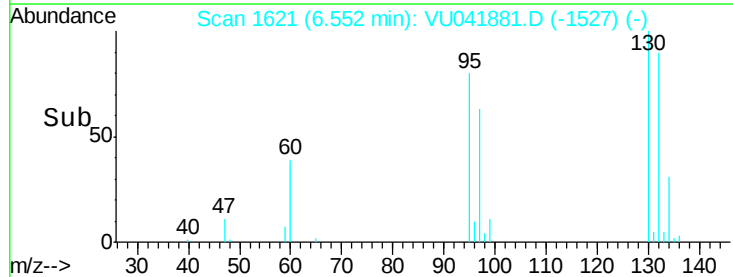


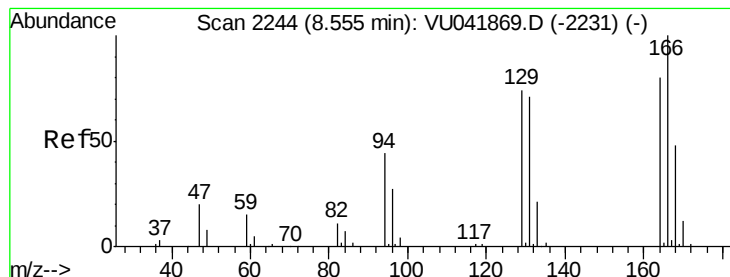
Abundance Ion 95.00 (94.70 to 95.70): VU041881.D (-1527) (-)

Ion 96.95 (96.65 to 97.65): VU041881.D (-1527) (-)

Ion 131.95 (131.65 to 132.65): VU041881.D (-1527) (-)

Ion 129.95 (129.65 to 130.65): VU041881.D (-1527) (-)





#47

Tetrachloroethene

Concen: 0.367 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041881.D

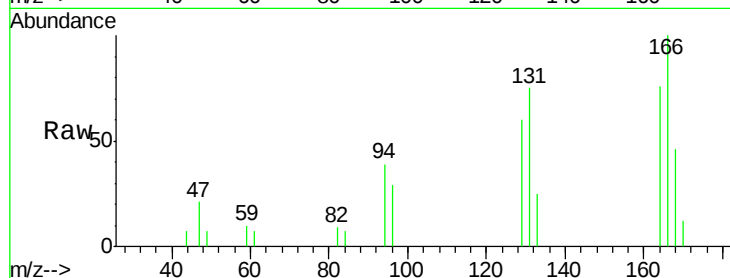
Acq: 07 Jan 2021 18:40

Instrument :

MSVOA_U

ClientSampleId :

BFXL5



Tgt Ion:164 Resp: 2779

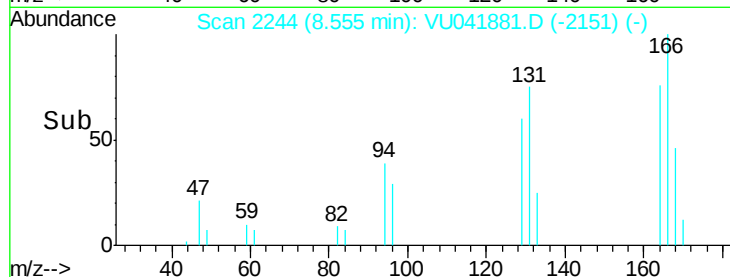
Ion Ratio Lower Upper

164 100

129 79.1 72.2 134.0

131 99.0 66.9 124.3

166 131.2 89.6 166.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

