

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038436.D
 Acq On : 31 May 2020 00:52
 Operator : JC/MD
 Sample : L2787-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX95

Quant Time: Jun 01 06:42:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	321945	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96337	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	80136	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	141779	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.68	46	358618	56.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.32%
24) Chloroform-d	5.10	84	191794	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	116465	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.76	84	396788	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.72	67	120033	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.92	98	332177	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	47398	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	298516	58.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103447	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	136671	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

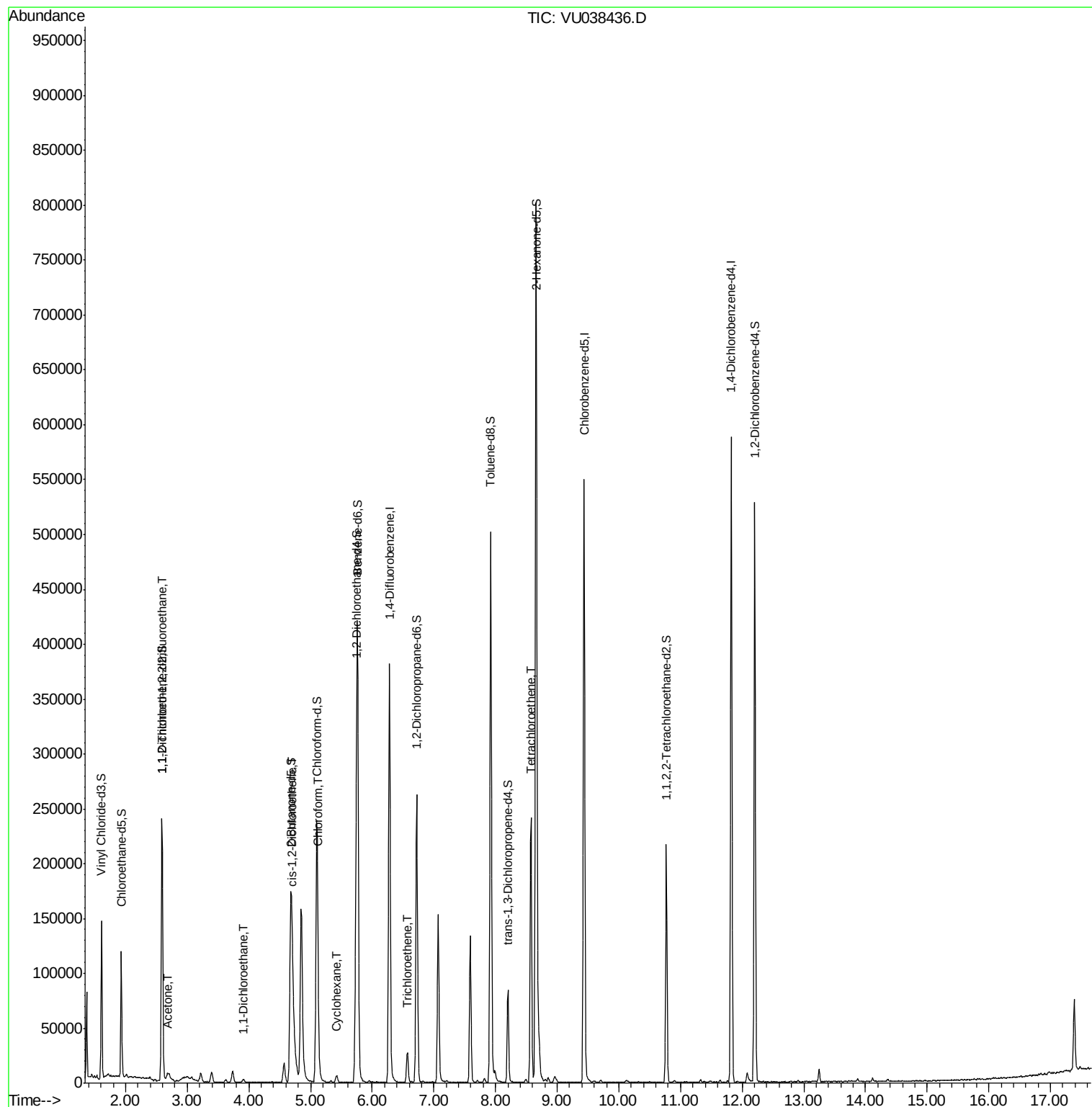
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3659	0.188	ug/L #	77
13) Acetone	2.69	43	18537	4.475	ug/L	66
19) 1,1-Dichloroethane	3.91	63	3787	0.099	ug/L	92
22) cis-1,2-Dichloroethene	4.71	96	5370	0.233	ug/L	84
25) Chloroform	5.12	83	15298	0.394	ug/L	99
30) Cyclohexane	5.43	56	2837	0.082	ug/L #	89
34) Trichloroethene	6.57	95	8481	0.377	ug/L	93
47) Tetrachloroethene	8.57	164	53846	3.291	ug/L	95

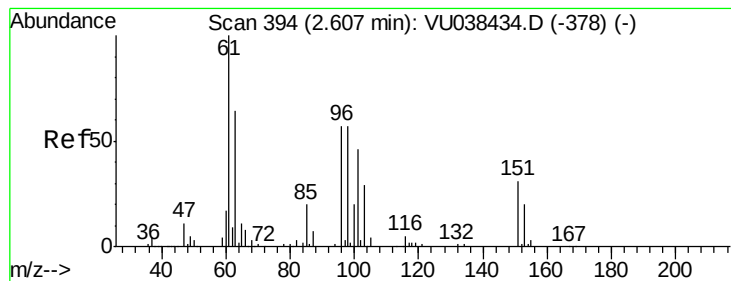
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038436.D
Acq On : 31 May 2020 00:52
Operator : JC/MD
Sample : L2787-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFX95

Quant Time: Jun 01 06:42:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.188 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU038436.D

Acq: 31 May 2020 00:52

Instrument :

MSVOA_U

ClientSampleId :

BFX95

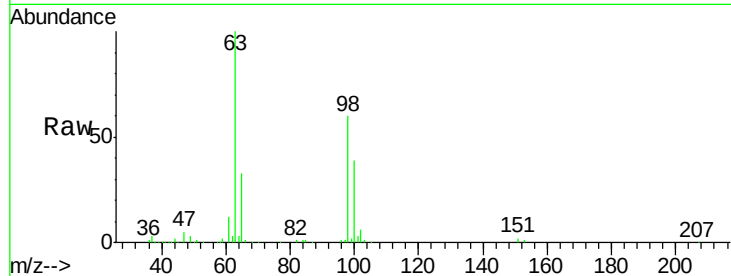
Tot Ion:101 Resp: 3659

Ion Ratio Lower Upper

101 100

85 26.2 34.0 51.0#

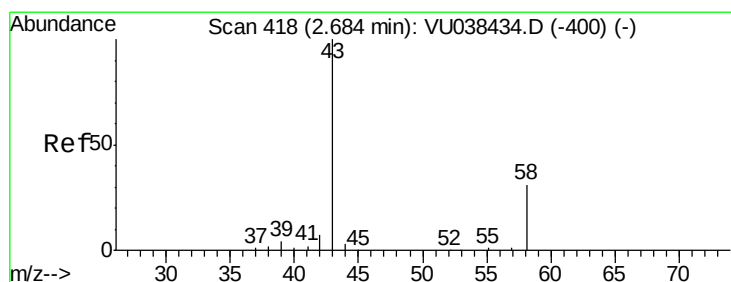
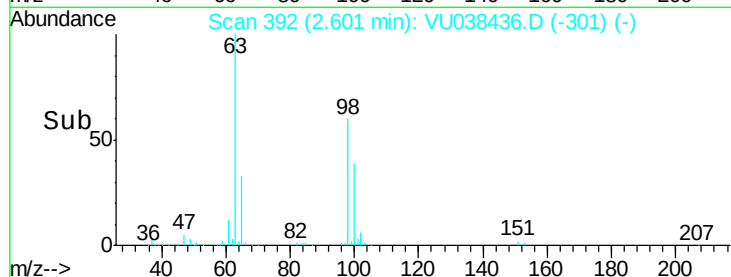
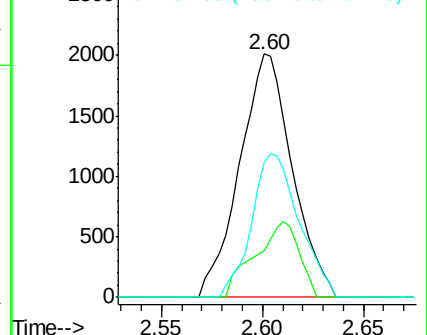
151 53.3 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.475 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU038436.D

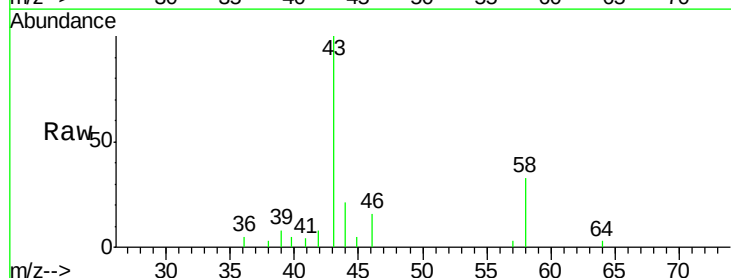
Acq: 31 May 2020 00:52

Tgt Ion: 43 Resp: 18537

Ion Ratio Lower Upper

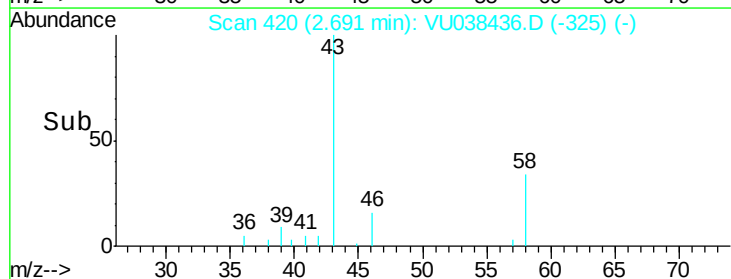
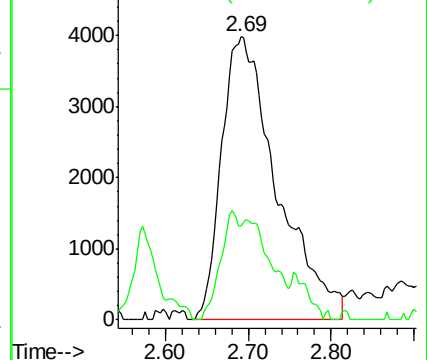
43 100

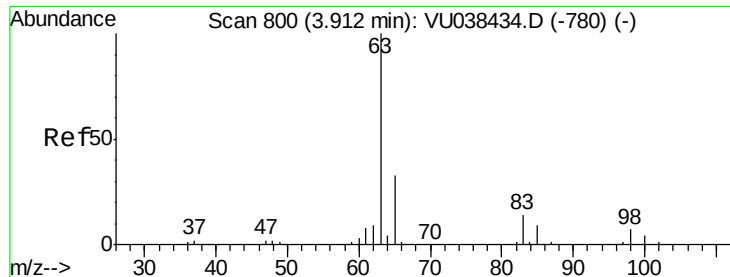
58 13.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 0.099 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038436.D

Acq: 31 May 2020 00:52

Instrument :

MSVOA_U

ClientSampleId :

BFX95

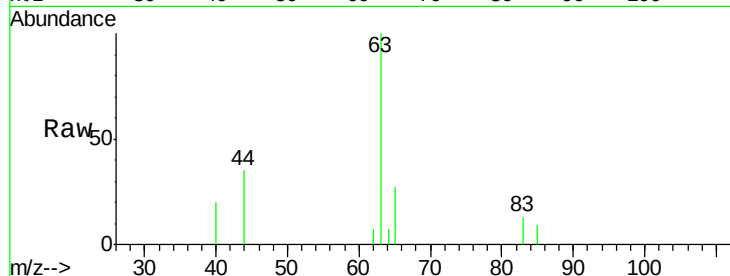
Tot Ion: 63 Resp: 3787

Ion Ratio Lower Upper

63 100

65 26.8 22.3 41.5

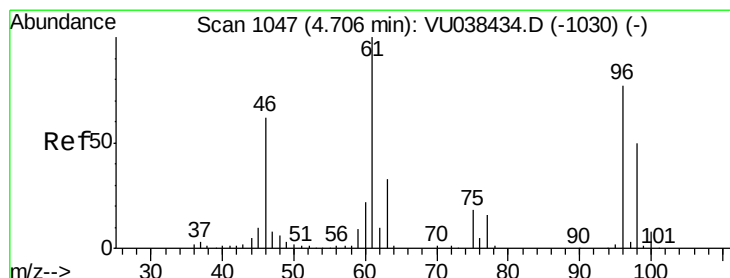
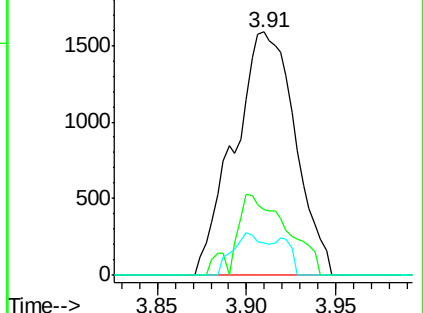
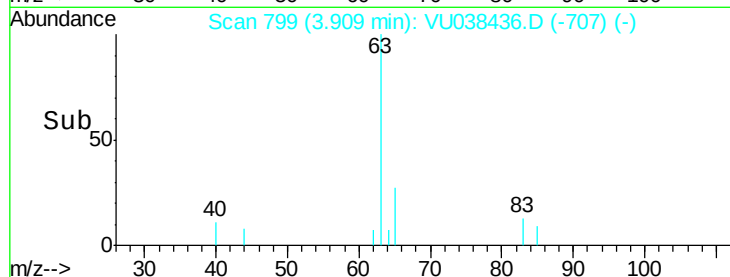
83 13.2 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038436.D (-799) (-)

Ion 65.10 (64.80 to 65.80): VU038436.D (-799) (-)

Ion 83.05 (82.75 to 83.75): VU038436.D (-799) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.233 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.01 min

Lab File: VU038436.D

Acq: 31 May 2020 00:52

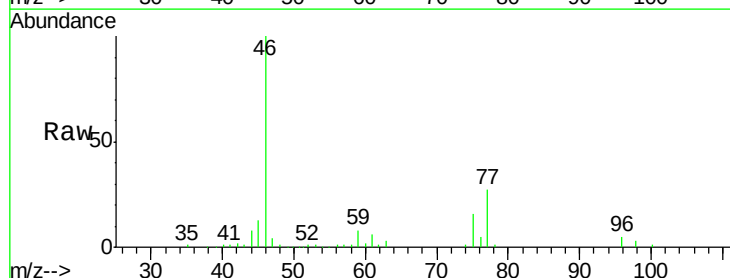
Tgt Ion: 96 Resp: 5370

Ion Ratio Lower Upper

96 100

61 115.6 94.0 174.6

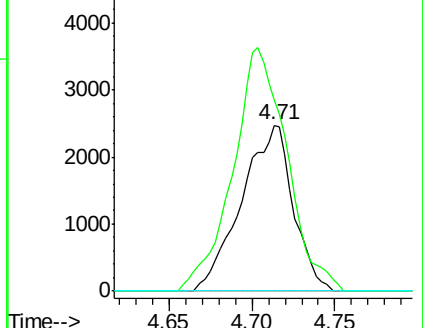
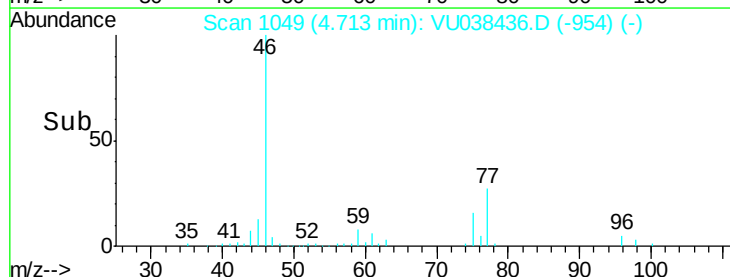
68 0.0 0.0 0.0

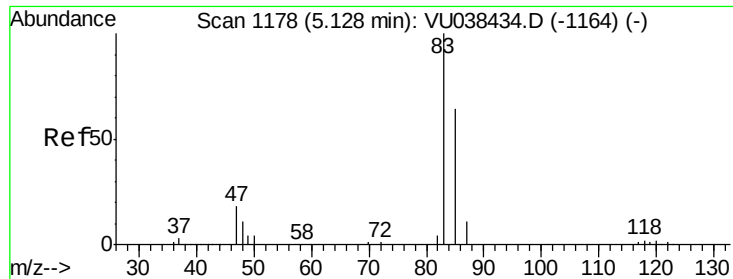


Abundance Ion 96.00 (95.70 to 96.70): VU038436.D (-1049) (-)

Ion 61.05 (60.75 to 61.75): VU038436.D (-1049) (-)

Ion 68.15 (67.85 to 68.85): VU038436.D (-1049) (-)

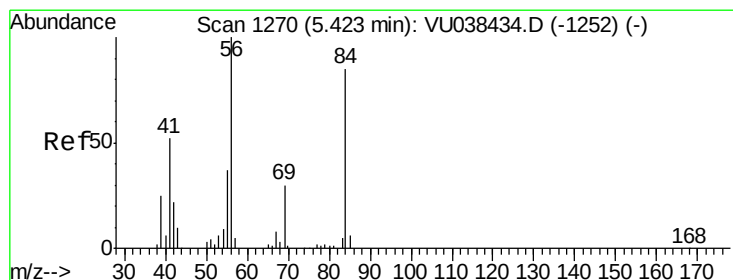
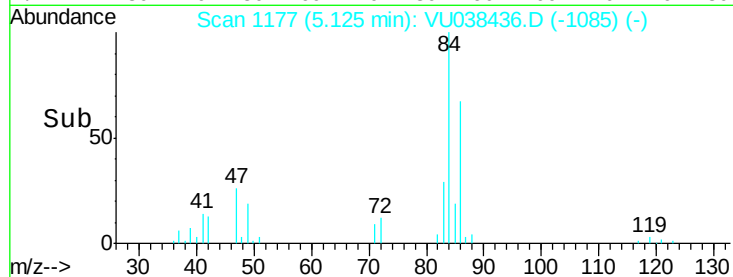
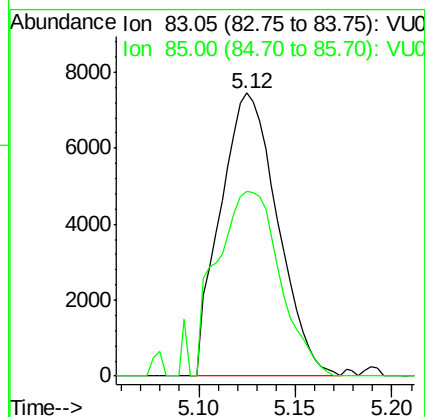
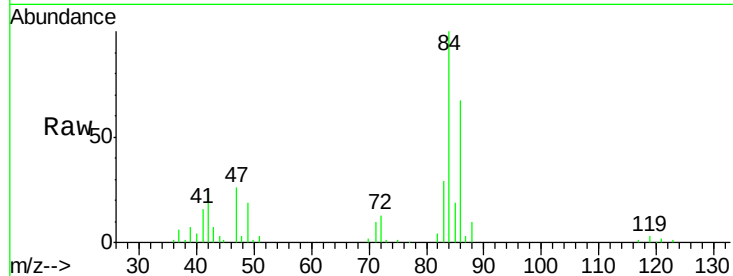




#25
Chloroform
Concen: 0.394 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038436.D
Acq: 31 May 2020 00:52

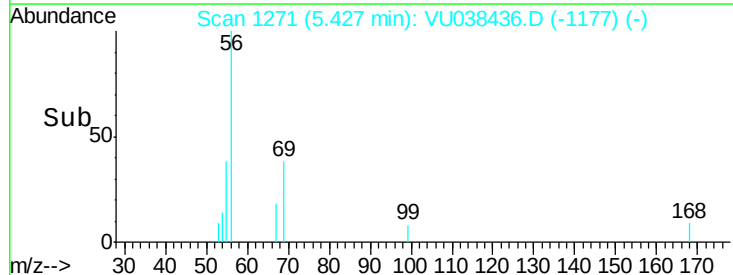
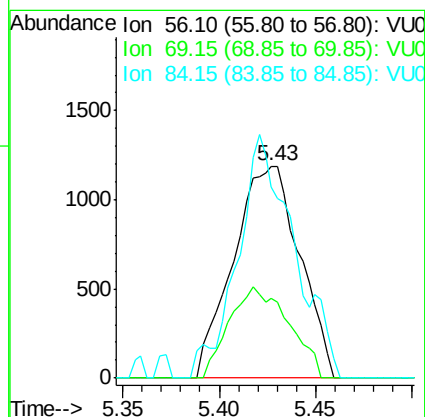
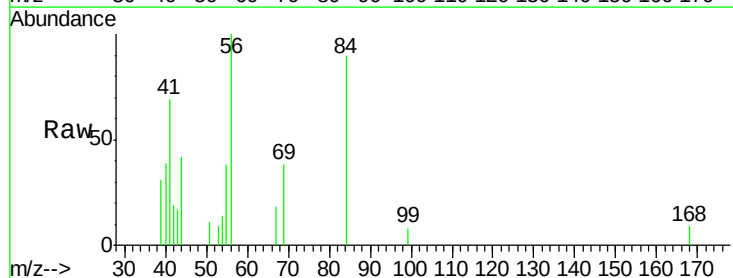
Instrument :
MSVOA_U
ClientSampleId :
BFX95

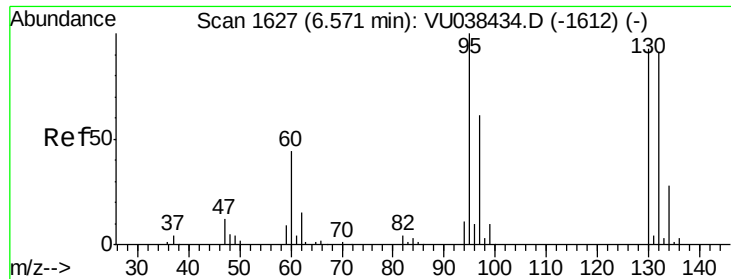
Tot Ion: 83 Resp: 15298
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5



#30
Cyclohexane
Concen: 0.082 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038436.D
Acq: 31 May 2020 00:52

Tgt Ion: 56 Resp: 2837
Ion Ratio Lower Upper
56 100
69 38.8 24.2 36.4#
84 97.6 70.8 106.2

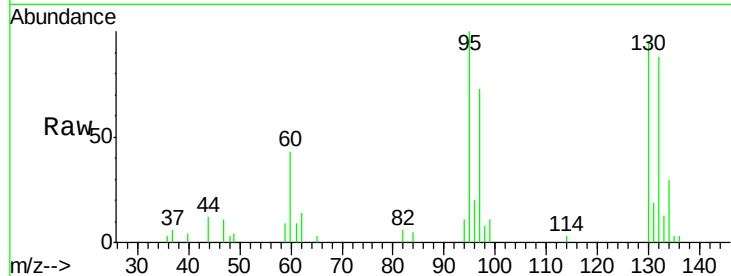




#34
 Trichloroethene
 Concen: 0.377 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU038436.D
 Acq: 31 May 2020 00:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX95

Tot Ion:	95	Resp:	8481
Ion	Ratio	Lower	Upper
95	100		
97	73.2	46.8	87.0
132	87.9	66.1	122.7
130	94.6	70.0	130.0

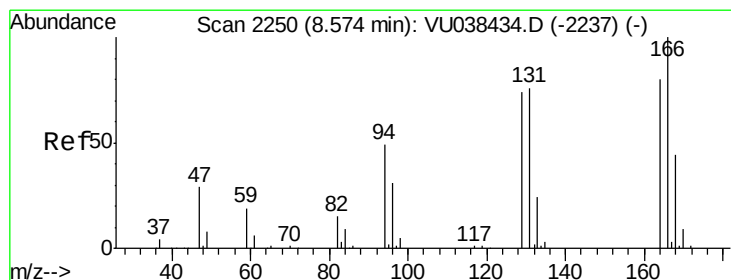
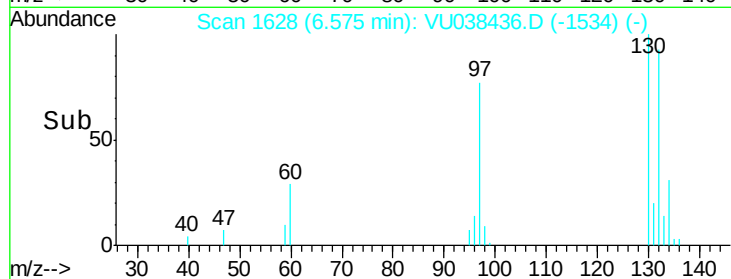
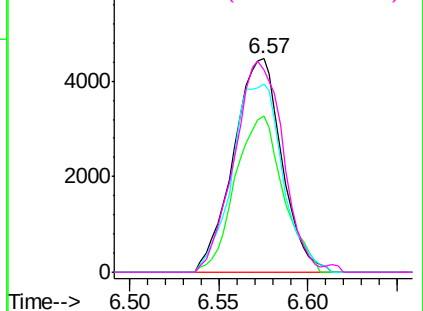


Abundance Ion 95.00 (94.70 to 95.70): VU038436.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038436.D (-1534) (-)

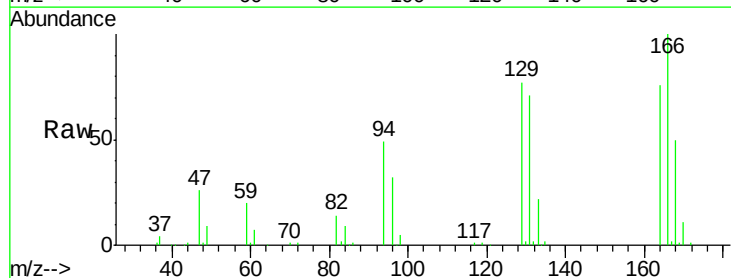
Ion 131.95 (131.65 to 132.65): VU038436.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038436.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 3.291 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038436.D
 Acq: 31 May 2020 00:52

Tgt Ion:	164	Resp:	53846
Ion	Ratio	Lower	Upper
164	100		
129	100.9	67.4	125.2
131	93.6	64.1	119.1
166	131.5	85.7	159.1



Abundance Ion 163.90 (163.60 to 164.60): VU038436.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038436.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038436.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038436.D (-2157) (-)

