

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038439.D
 Acq On : 31 May 2020 02:01
 Operator : JC/MD
 Sample : L2787-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX98

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 4:21:39 PM

Quant Time: Jun 01 06:52:25 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	317198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95215	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	79658	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	143261	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.68	46	360076	57.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.48%
24) Chloroform-d	5.10	84	190416	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	116716	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.76	84	391140	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.72	67	120366	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	326518	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.20	79	47633	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	298126	59.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106280	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	135841	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	8000	0.416 ug/L	# 90
13) Acetone	2.69	43	19722m	4.832 ug/L	
19) 1,1-Dichloroethane	3.91	63	6107	0.162 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	8016	0.354 ug/L	96
25) Chloroform	5.13	83	36460	0.953 ug/L	97
30) Cyclohexane	5.42	56	4280	0.125 ug/L	92
34) Trichloroethene	6.57	95	192963	8.616 ug/L	98
47) Tetrachloroethene	8.57	164	4788	0.294 ug/L	91

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

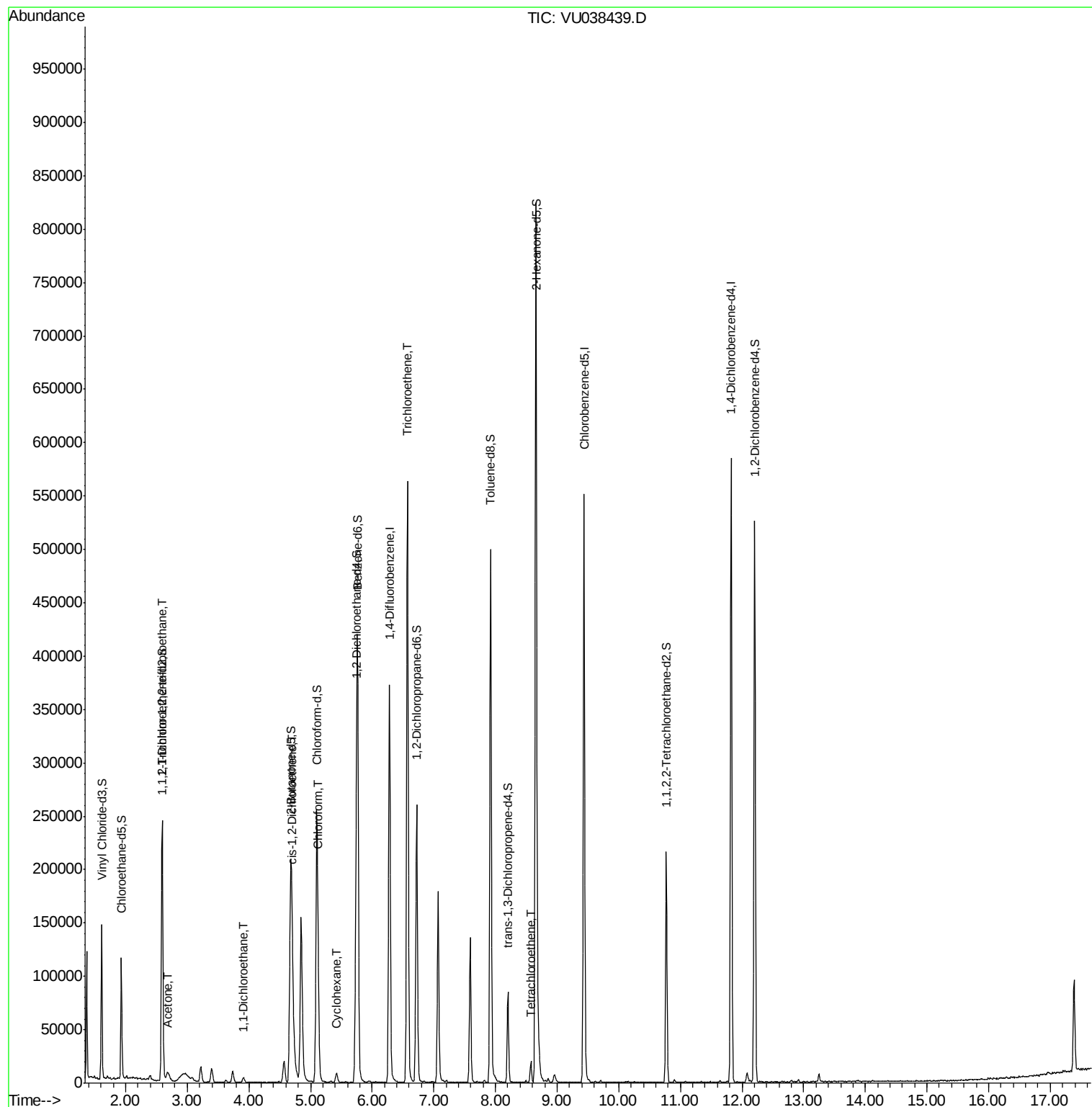
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038439.D
Acq On : 31 May 2020 02:01
Operator : JC/MD
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ALS Vial : 1 Sample Multiplier: 1

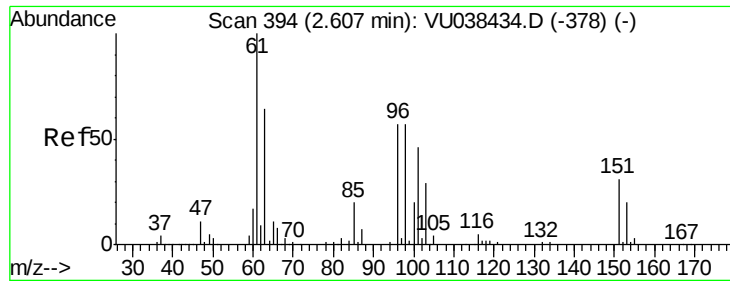
Instrument :
MSVOA_U
ClientSampleId :
BFX98

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Quant Time: Jun 01 06:52:25 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: 0.416 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038439.D

Acq: 31 May 2020 02:01

Instrument :

MSVOA_U

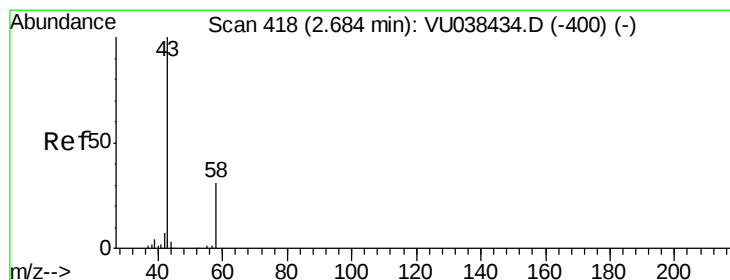
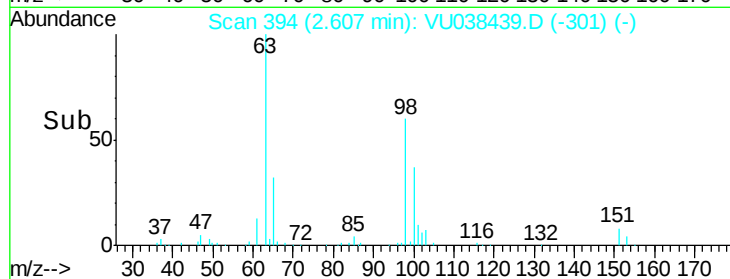
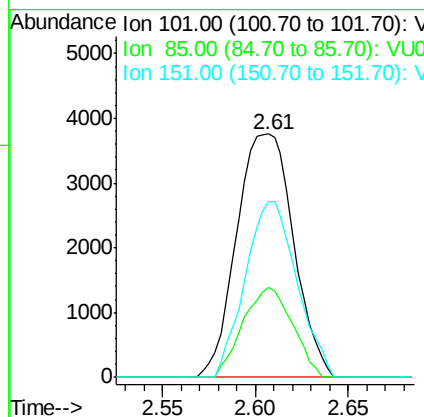
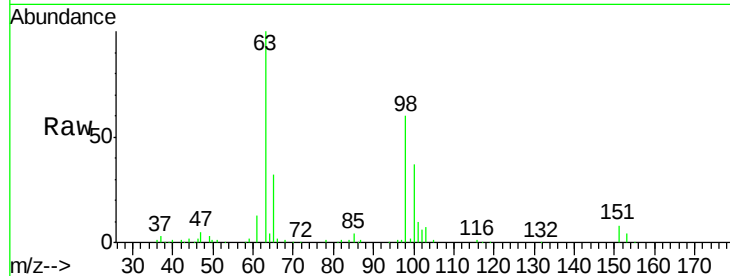
ClientSampled :

BFX98

Tot Ion:	101	Resp:	8000
Ion Ratio	Lower	Upper	
101	100		
85	32.3	34.0	51.0#
151	65.6	56.9	85.3

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#13

Acetone

Concen: 4.832 ug/L m

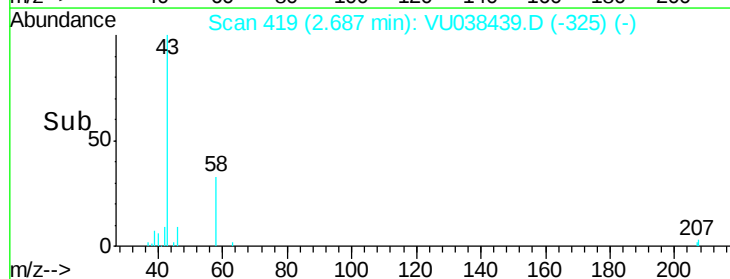
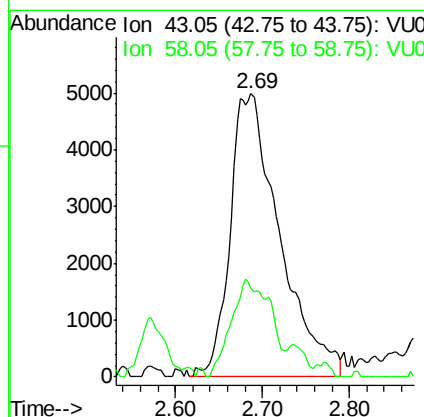
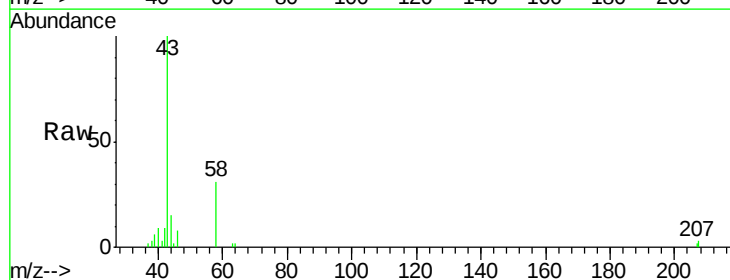
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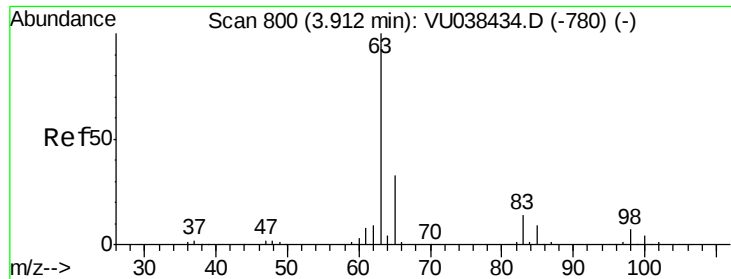
Delta R.T. 0.00 min

Lab File: VU038439.D

Acq: 31 May 2020 02:01

Tgt Ion:	43	Resp:	19722
Ion Ratio	Lower	Upper	
43	100		
58	27.4	0.0	65.6





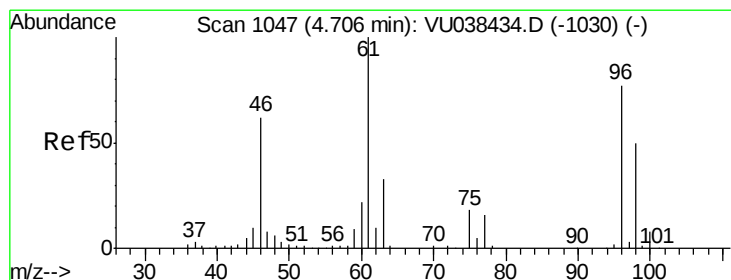
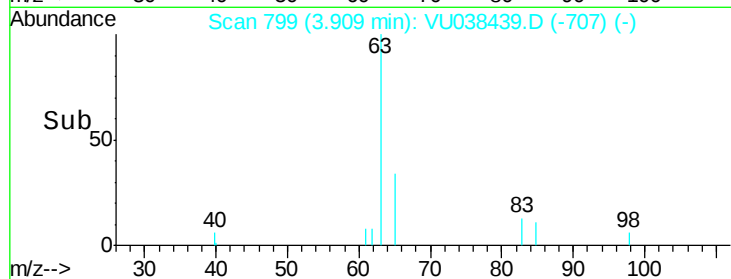
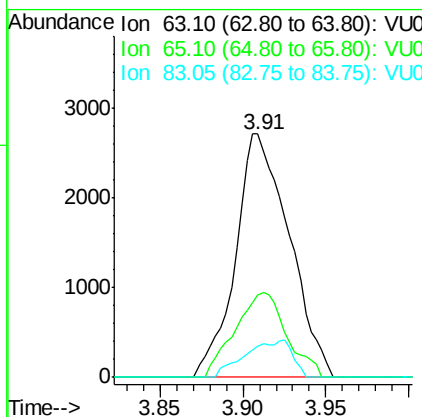
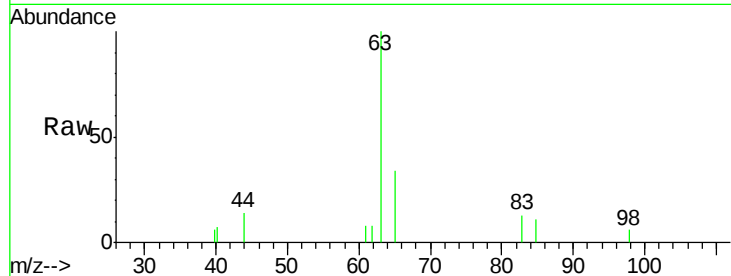
#19
 1,1-Dichloroethane
 Concen: 0.162 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038439.D
 Acq: 31 May 2020 02:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX98

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.5
83	12.7	10.4	19.4

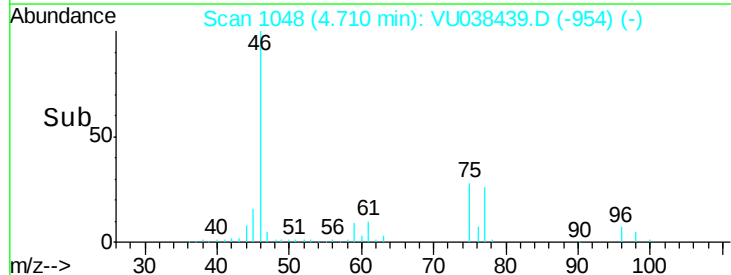
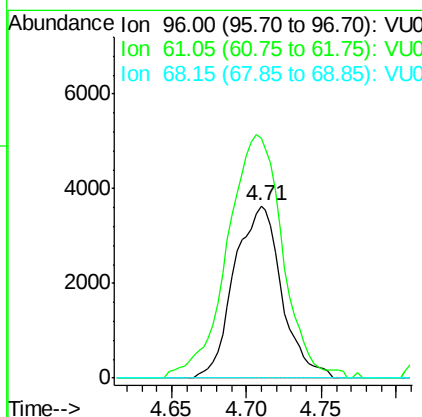
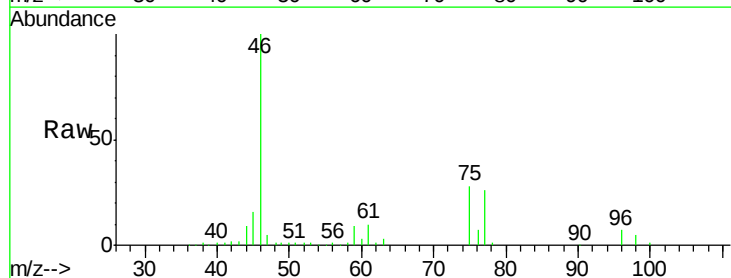
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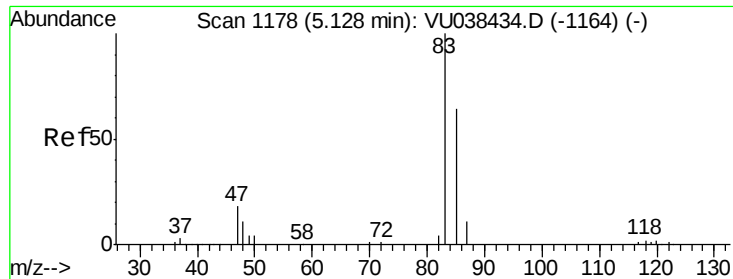
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#22
 cis-1,2-Dichloroethene
 Concen: 0.354 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU038439.D
 Acq: 31 May 2020 02:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.0	94.0	174.6
68	0.0	0.0	0.0





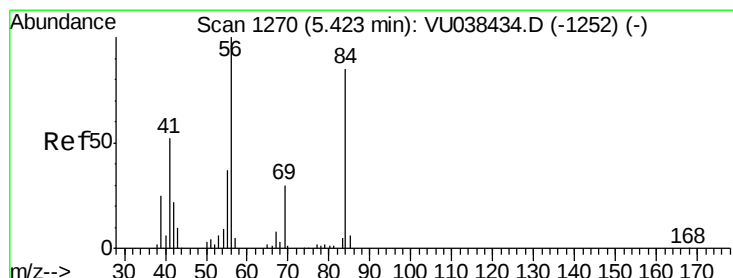
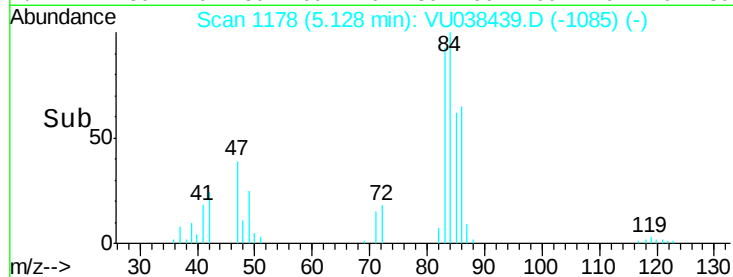
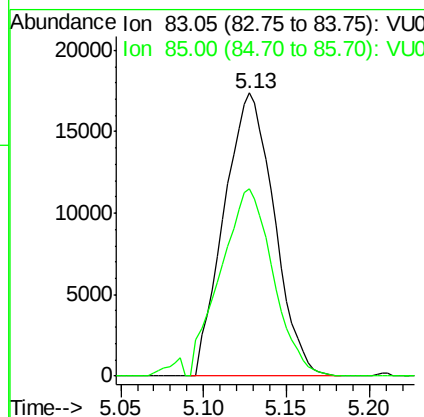
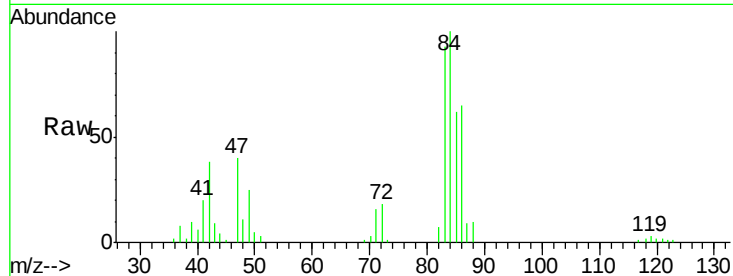
#25
Chloroform
Concen: 0.953 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038439.D
Acq: 31 May 2020 02:01

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion	83	Resp	36460
Ion Ratio	100	Lower	Upper
85	66.3	44.9	83.5

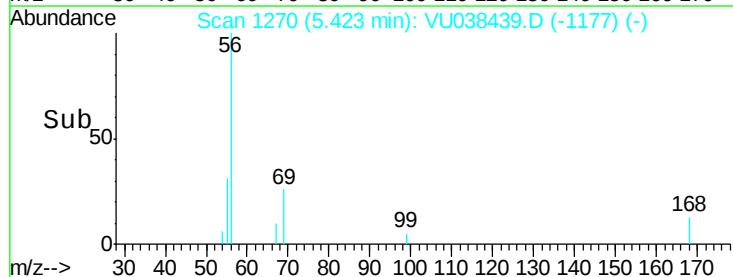
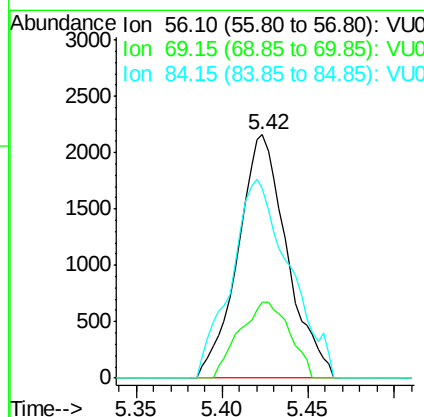
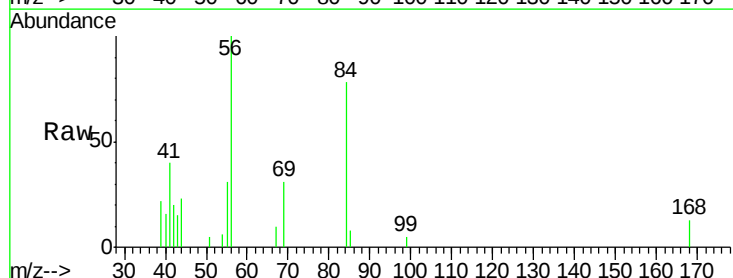
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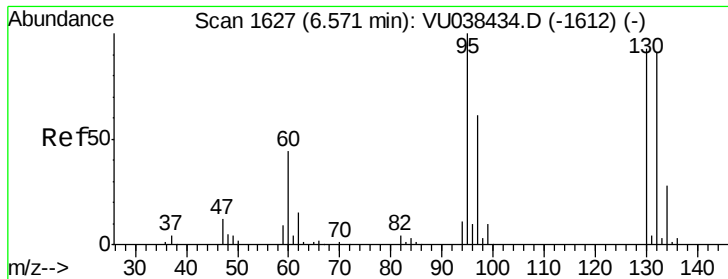
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#30
Cyclohexane
Concen: 0.125 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038439.D
Acq: 31 May 2020 02:01

Tgt Ion	56	Resp	4280
Ion Ratio	100	Lower	Upper
69	31.9	24.2	36.4
84	97.2	70.8	106.2





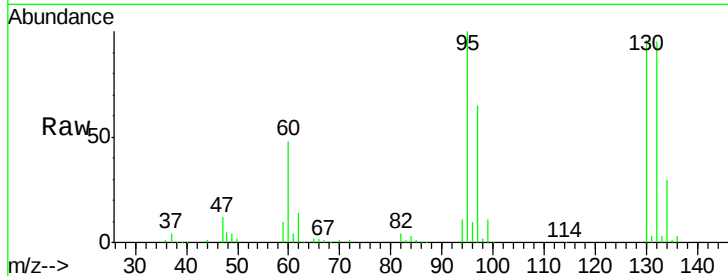
#34
 Trichloroethene
 Concen: 8.616 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038439.D
 Acq: 31 May 2020 02:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX98

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		192963		
97	65.2	46.8	87.0		
132	94.6	66.1	122.7		
130	96.0	70.0	130.0		

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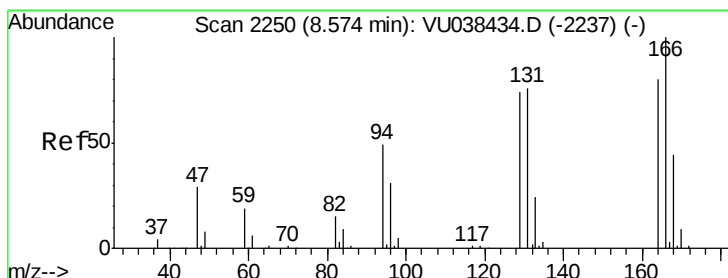
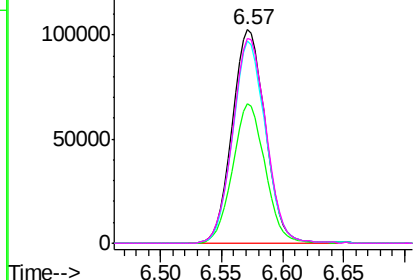
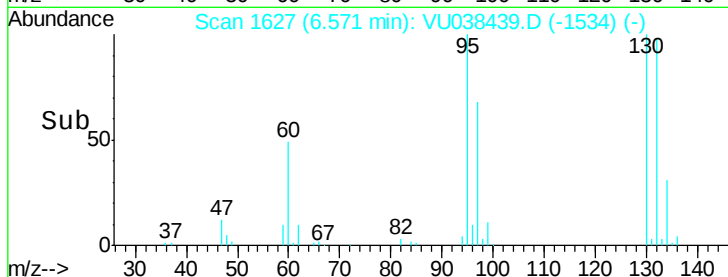
Abundance

Ion 95.00 (94.70 to 95.70): VU038439.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038439.D (-1534) (-)

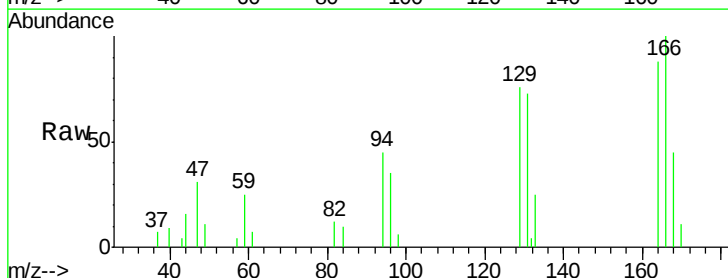
Ion 131.95 (131.65 to 132.65): VU038439.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038439.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 0.294 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038439.D
 Acq: 31 May 2020 02:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		4788		
129	86.4	67.4	125.2		
131	82.4	64.1	119.1		
166	113.6	85.7	159.1		



Abundance

Ion 163.90 (163.60 to 164.60): VU038439.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038439.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038439.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038439.D (-2157) (-)

