

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038474.D
 Acq On : 01 Jun 2020 16:28
 Operator : JC/MD
 Sample : L2789-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX89

Manual Integrations
 APPROVED

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 6/2/2020 5:41:40 PM

Quant Time: Jun 02 06:57:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	139077	5.00	ug/L	0.00

System Monitoring Compounds

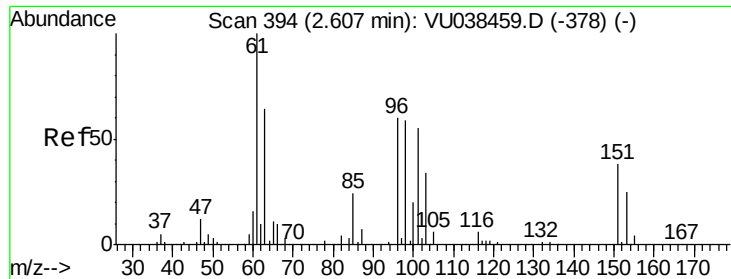
4) Vinyl Chloride-d3	1.61	65	79091	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	73733	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	124488	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.67	46	360871	59.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.88%
24) Chloroform-d	5.10	84	197853	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	117010	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	384024	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.72	67	121627	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	316329	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.20	79	49016	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.65	63	304358	62.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108206	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	134957	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2635	0.142	ug/L	# 62
13) Acetone	2.68	43	18158	4.608	ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	60976	2.786	ug/L	99
25) Chloroform	5.12	83	38598	1.045	ug/L	98
34) Trichloroethene	6.57	95	38961	1.806	ug/L	97
47) Tetrachloroethene	8.56	164	2612m	0.167	ug/L	

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

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Sample : L2789-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1



#10

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

Concen: 0.142 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038474.D

Acq: 01 Jun 2020 16:28

Instrument :

MSVOA_U

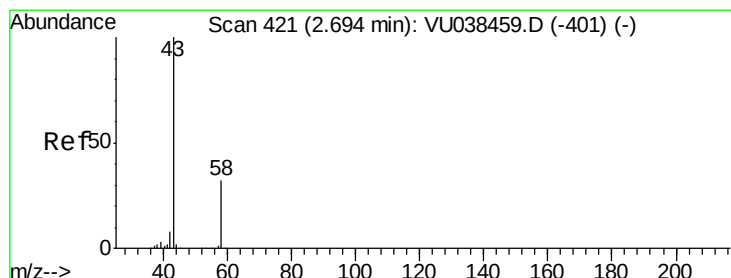
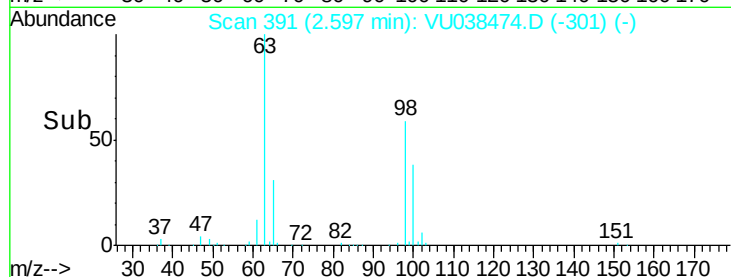
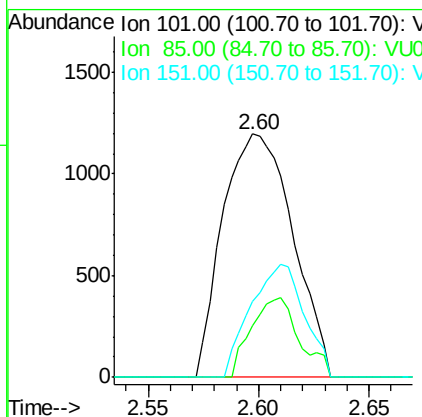
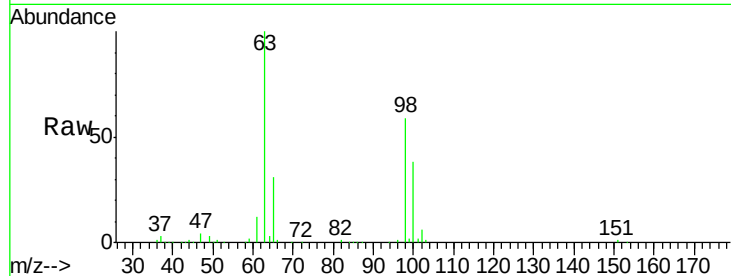
ClientSampleId :

BFX89

Tot Ion:	101	Resp:	2635
Ion Ratio	Lower	Upper	
101	100		
85	22.5	34.0	51.0#
151	35.8	56.9	85.3#

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#13

Acetone

Concen: 4.608 ug/L

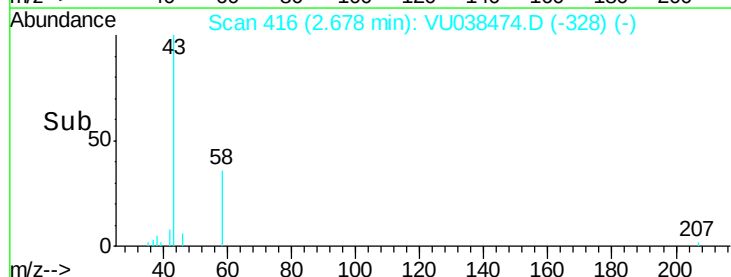
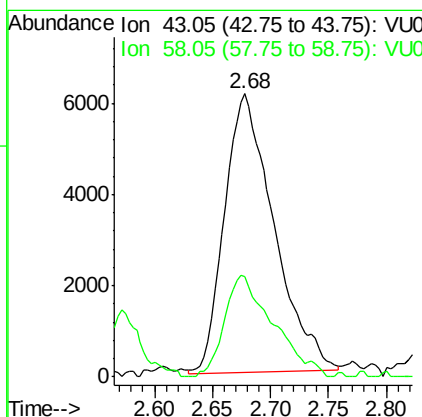
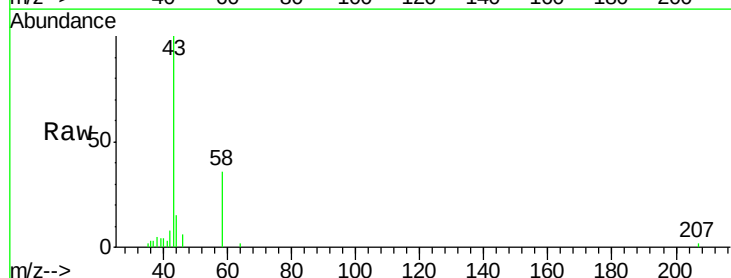
RT: 2.68 min Scan# 416

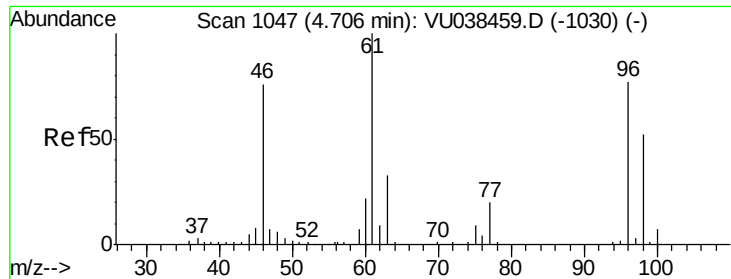
Delta R.T. -0.02 min

Lab File: VU038474.D

Acq: 01 Jun 2020 16:28

Tgt Ion:	43	Resp:	18158
Ion Ratio	Lower	Upper	
43	100		
58	35.6	0.0	65.6





#22

cis-1,2-Dichloroethene

Concen: 2.786 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038474.D

Acq: 01 Jun 2020 16:28

Instrument :

MSVOA_U

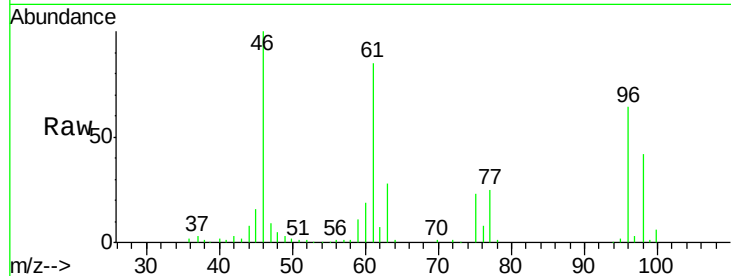
ClientSampleId :

BFX89

Tot Ion:	96	Resp:	60976
Ion	Ratio	Lower	Upper
96	100		
61	133.3	94.0	174.6
68	0.0	0.0	0.0

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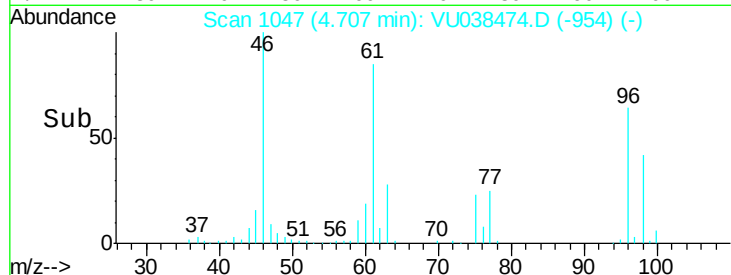


Abundance Ion 96.00 (95.70 to 96.70): VU038474.D (-954) (-)

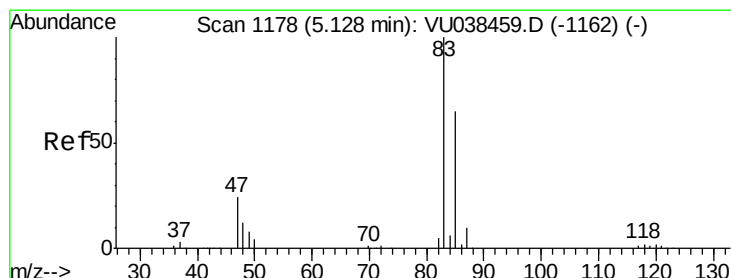
Ion 61.05 (60.75 to 61.75): VU038474.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038474.D (-954) (-)

Time-->



Time-->



#25

Chloroform

Concen: 1.045 ug/L

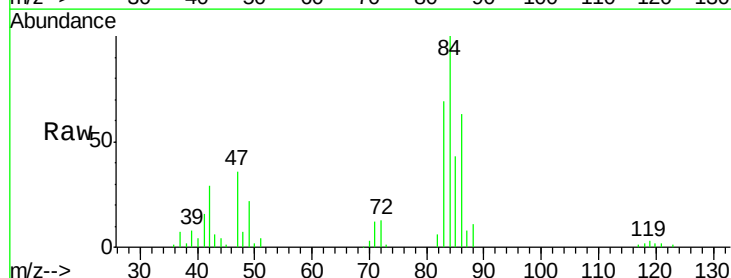
RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038474.D

Acq: 01 Jun 2020 16:28

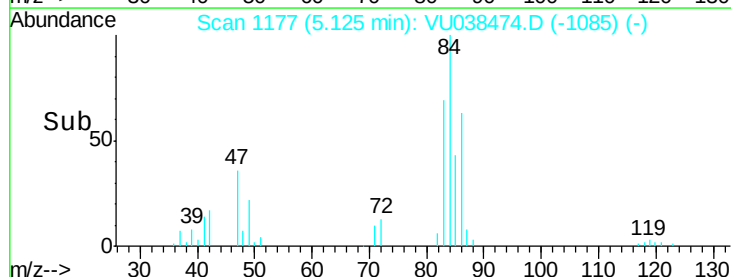
Tgt Ion:	83	Resp:	38598
Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.9	83.5



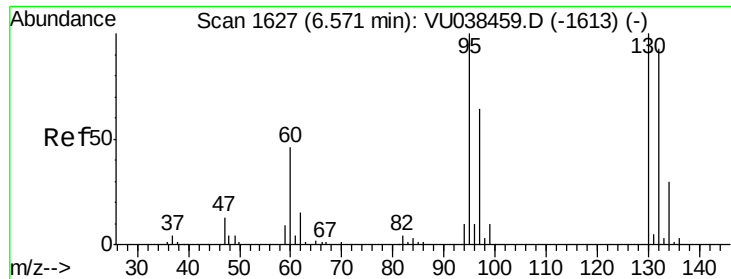
Abundance Ion 83.05 (82.75 to 83.75): VU038474.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU038474.D (-1085) (-)

Time-->



Time-->



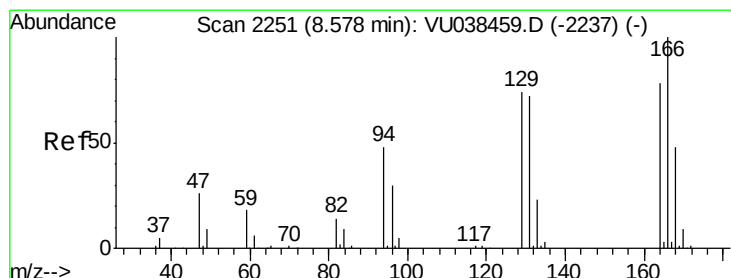
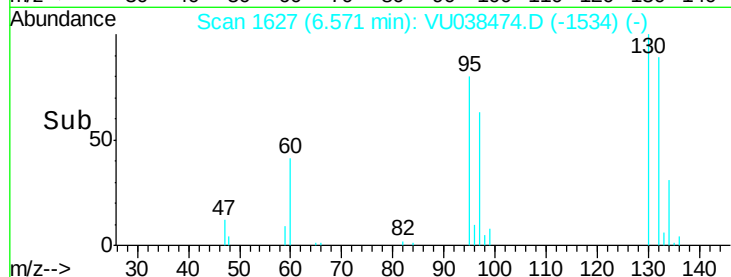
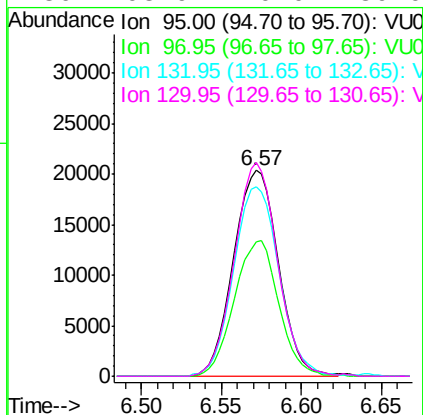
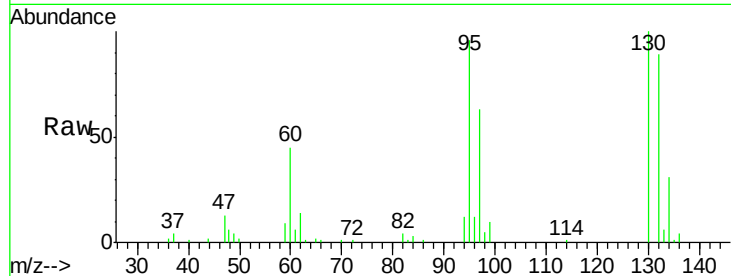
#34
 Trichloroethene
 Concen: 1.806 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038474.D
 Acq: 01 Jun 2020 16:28

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		38961		
97	65.3	46.8	87.0		
132	92.4	66.1	122.7		
130	103.9	70.0	130.0		

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 0.167 ug/L m
 RT: 8.56 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: VU038474.D
 Acq: 01 Jun 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		2612		
129	88.1	67.4	125.2		
131	95.3	64.1	119.1		
166	122.8	85.7	159.1		

