

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071720\
 Data File : VU039557.D
 Acq On : 17 Jul 2020 17:58
 Operator : SY/MD
 Sample : L3292-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT81

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:46:31 AM

Quant Time: Jul 18 02:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	88456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41752	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19972	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	21136	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.58	63	35837	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	97538	41.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.16%
24) Chloroform-d	5.08	84	45461	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.72	65	31422	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	91055	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.71	67	31853	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.91	98	80613	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	12126	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.64	63	69591	34.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29789	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	33019	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1142	0.176 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3965	0.772 ug/L	93
12) 1,1-Dichloroethene	2.59	96	6830	1.298 ug/L #	16
13) Acetone	2.66	43	2946m	2.327 ug/L	
22) cis-1,2-Dichloroethene	4.69	96	4433	0.679 ug/L	99
25) Chloroform	5.11	83	9322	0.810 ug/L	95
34) Trichloroethene	6.56	95	169927	24.224 ug/L	98
47) Tetrachloroethene	8.56	164	543444	111.375 ug/L	98

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

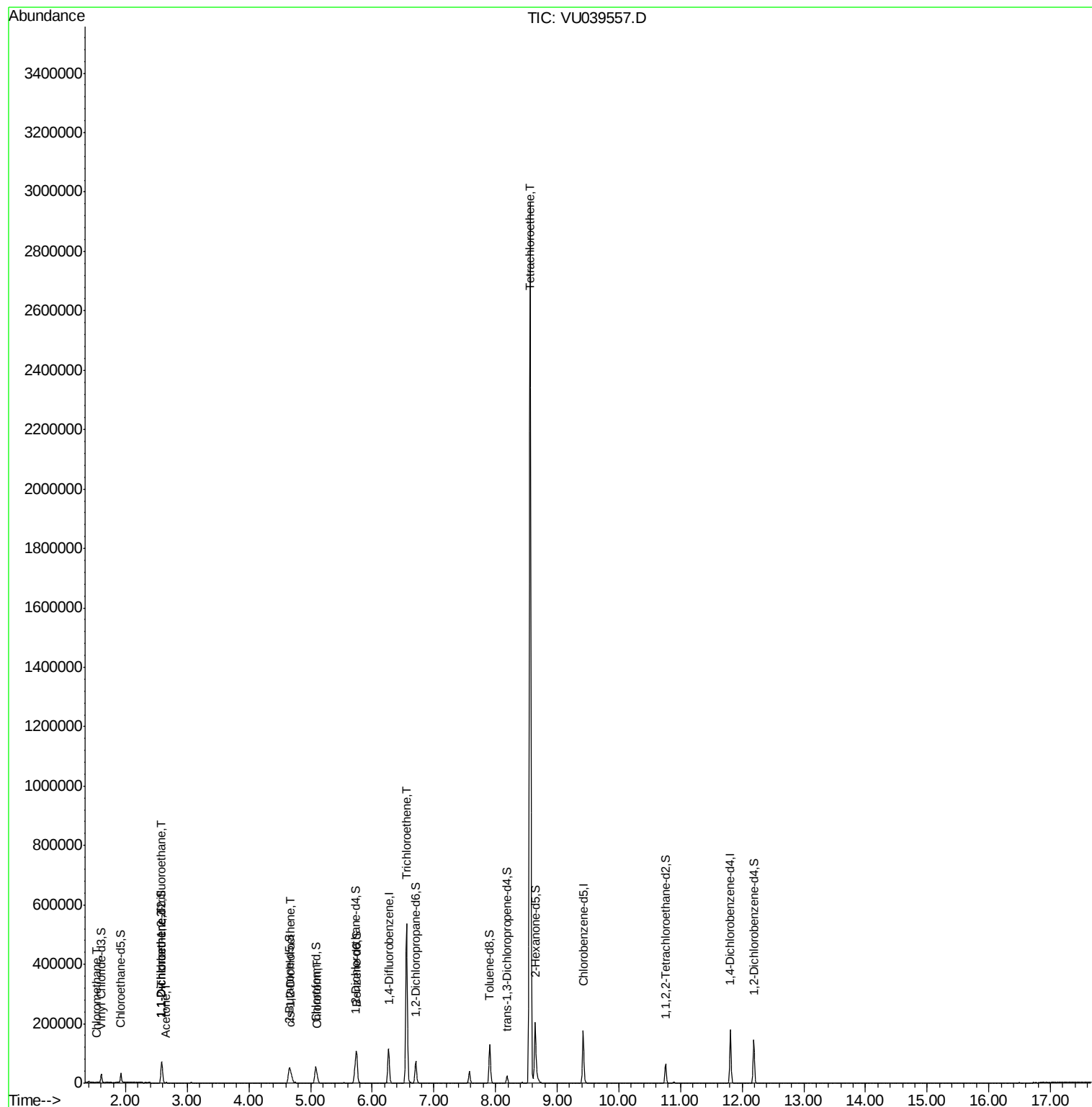
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071720\
Data File : VU039557.D
Acq On : 17 Jul 2020 17:58
Operator : SY/MD
Sample : L3292-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

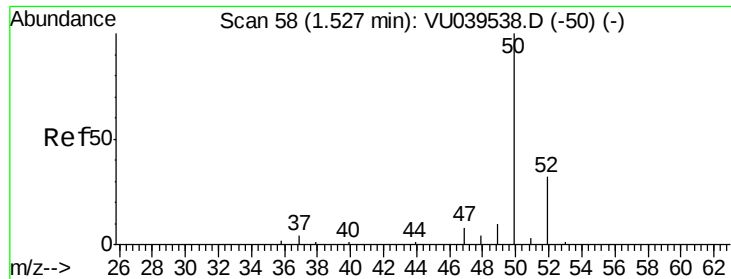
Instrument :
MSVOA_U
ClientSampleId :
BFT81

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Quant Time: Jul 18 02:21:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.176 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039557.D

Acq: 17 Jul 2020 17:58

Instrument :

MSVOA_U

ClientSampled :

BFT81

Tot Ion: 50 Resp: 1142

Ion Ratio Lower Upper

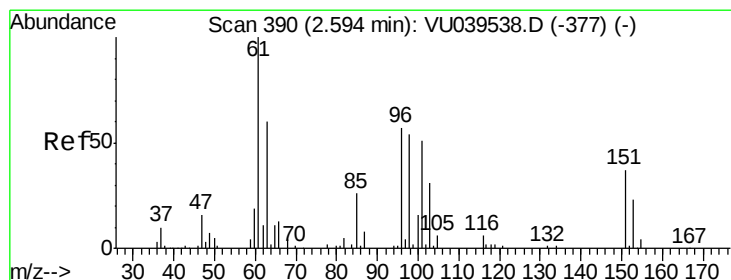
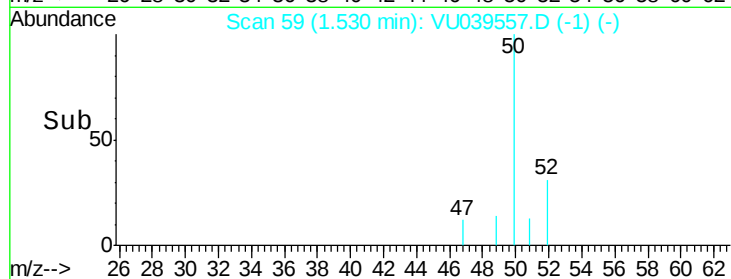
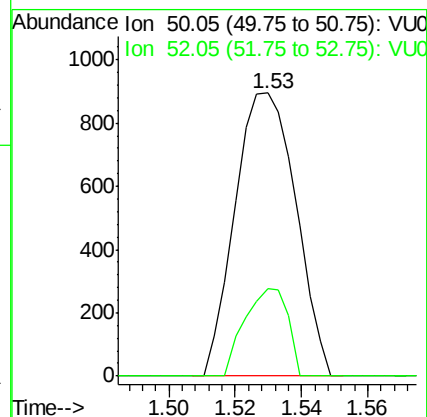
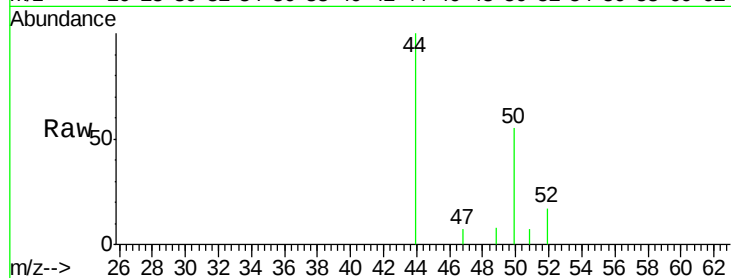
50 100

52 30.7 23.0 42.8

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#10

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

Concen: 0.772 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039557.D

Acq: 17 Jul 2020 17:58

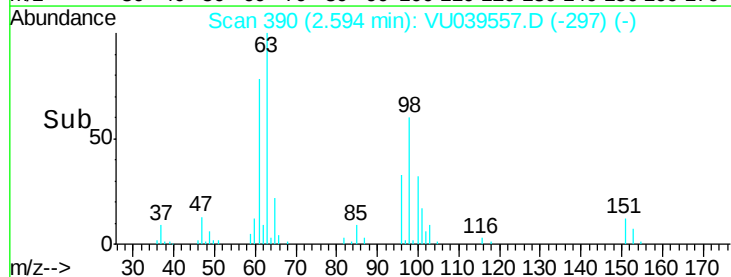
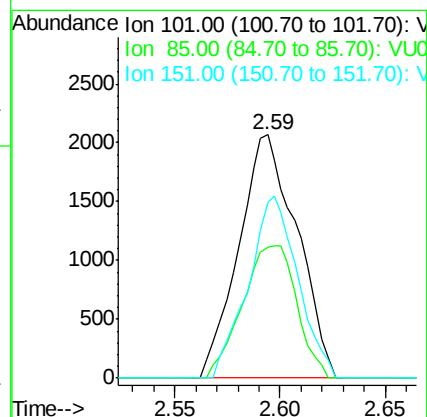
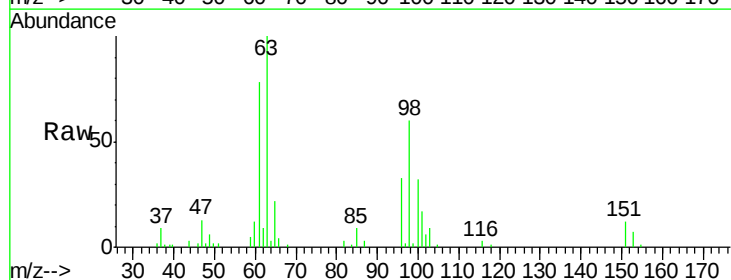
Tgt Ion:101 Resp: 3965

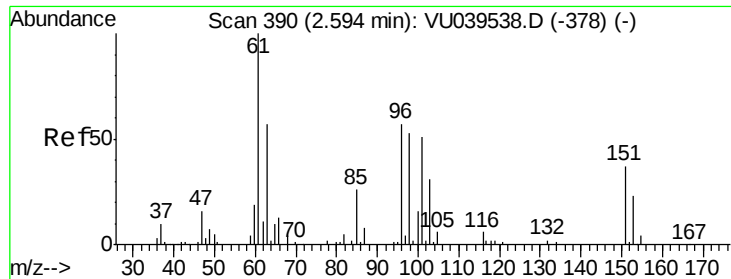
Ion Ratio Lower Upper

101 100

85 50.7 38.9 58.3

151 63.6 57.0 85.4





#12

1,1-Dichloroethene

Concen: 1.298 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039557.D

Acq: 17 Jul 2020 17:58

Instrument :

MSVOA_U

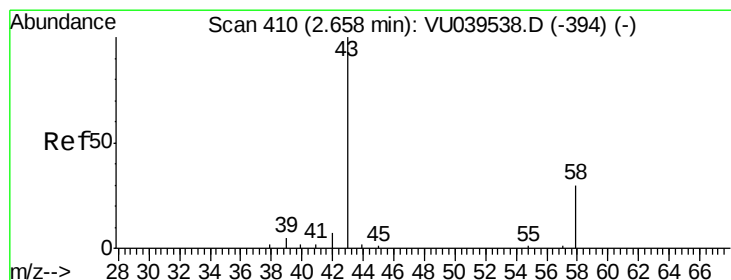
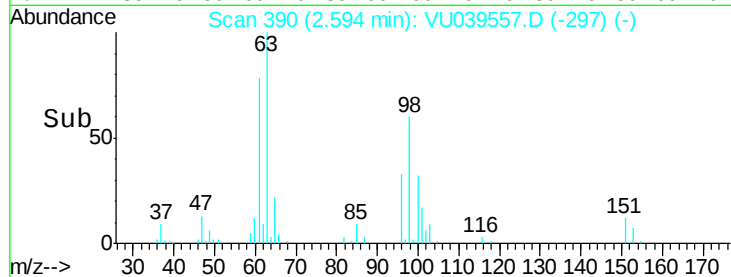
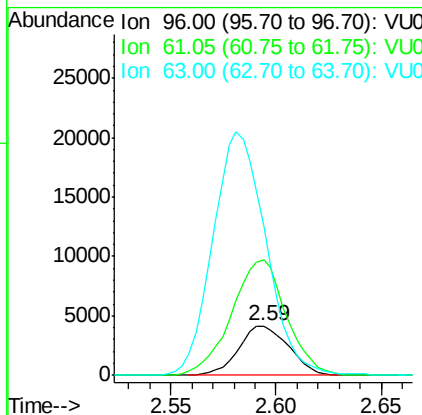
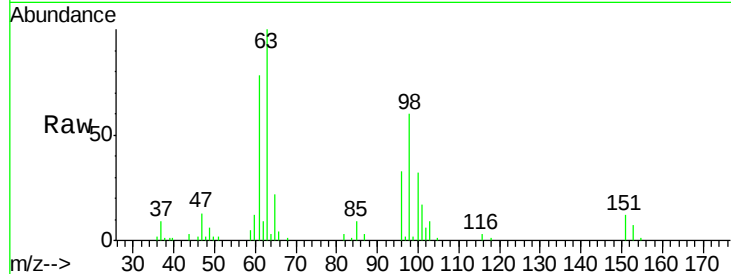
ClientSampled :

BFT81

Tot Ion:	96	Resp:	6830
Ion Ratio	Lower	Upper	
96	100		
61	234.4	125.4	232.8#
63	302.3	92.7	172.3#

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#13

Acetone

Concen: 2.327 ug/L m

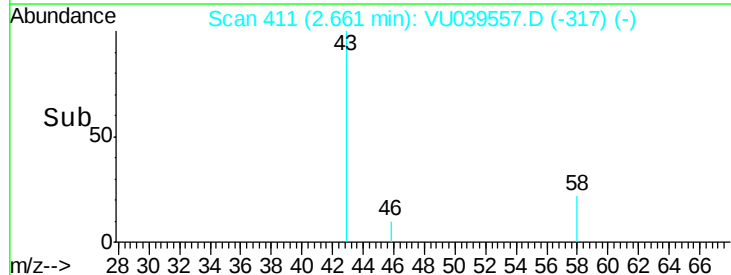
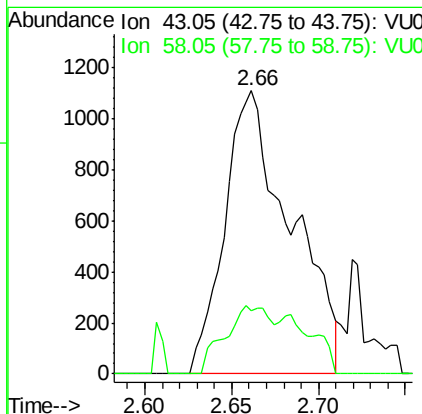
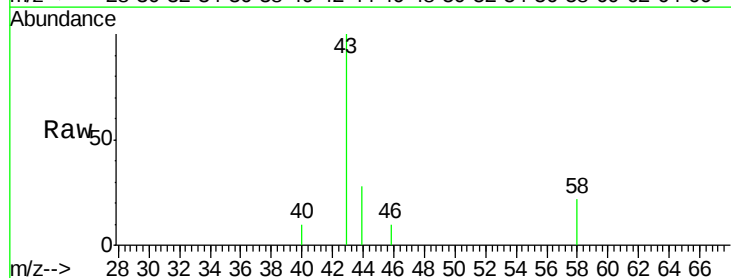
RT: 2.66 min Scan# 411

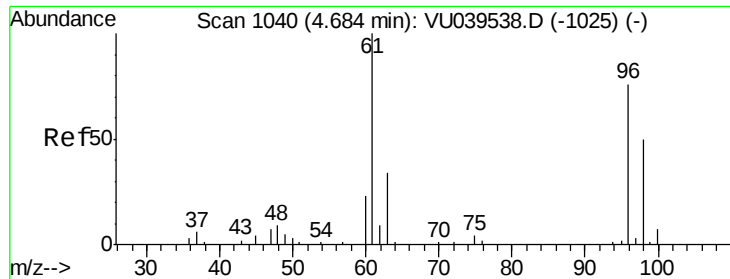
Delta R.T. 0.00 min

Lab File: VU039557.D

Acq: 17 Jul 2020 17:58

Tgt Ion:	43	Resp:	2946
Ion Ratio	Lower	Upper	
43	100		
58	16.6	0.0	62.8





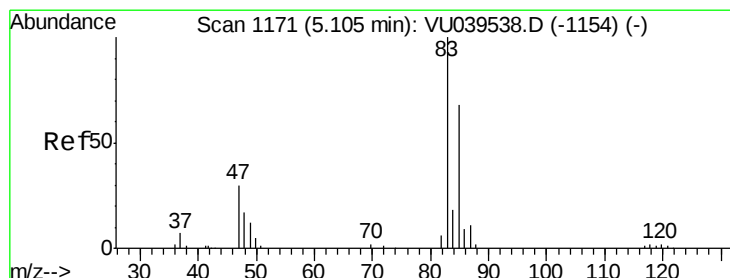
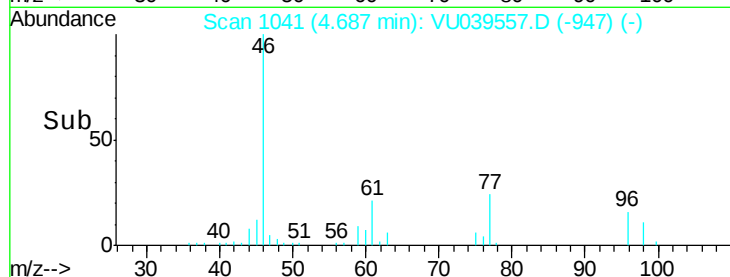
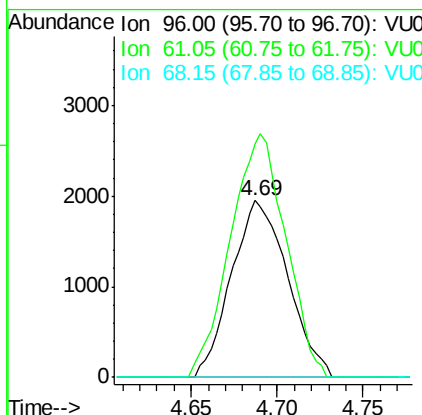
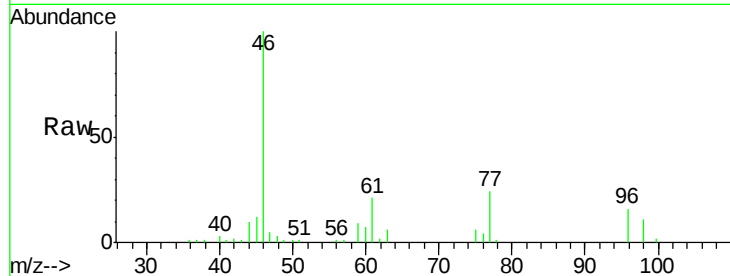
#22
 cis-1,2-Dichloroethene
 Concen: 0.679 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039557.D
 Acq: 17 Jul 2020 17:58

Instrument :
 MSVOA_U
 ClientSampled :
 BFT81

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	92.8	172.4
68	0.0	0.0	0.0

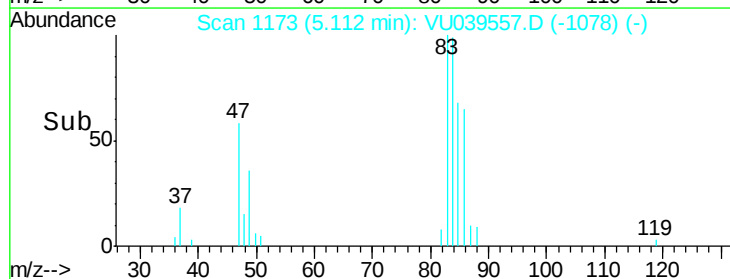
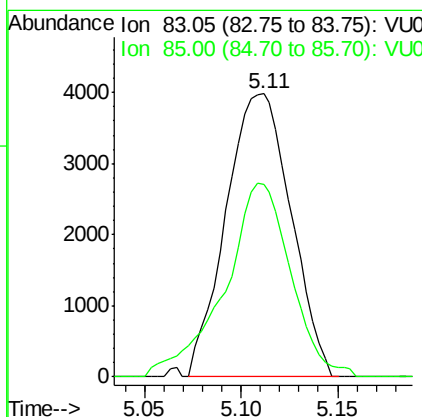
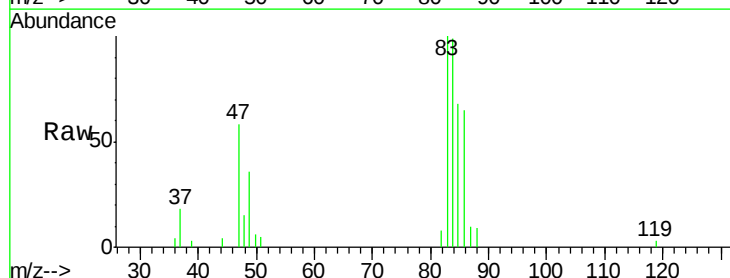
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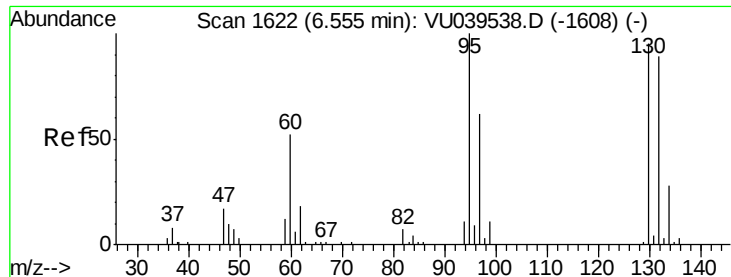
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#25
 Chloroform
 Concen: 0.810 ug/L
 RT: 5.11 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: VU039557.D
 Acq: 17 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	44.9	83.5





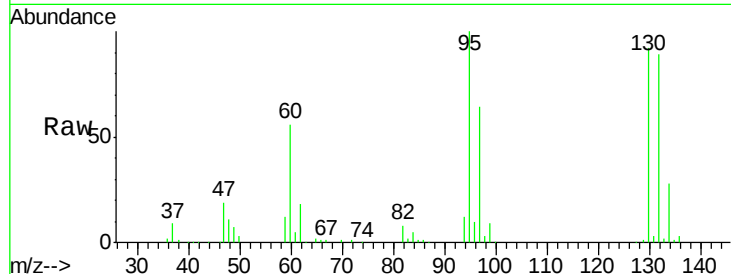
#34
 Trichloroethene
 Concen: 24.224 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039557.D
 Acq: 17 Jul 2020 17:58

Instrument :
 MSVOA_U
 ClientSampled :
 BFT81

Tot Ion	95	Resp	169927
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.3	85.9
132	89.3	64.0	118.8
130	92.4	64.3	119.5

Manual Integrations
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 7/20/2020 11:46:31 AM

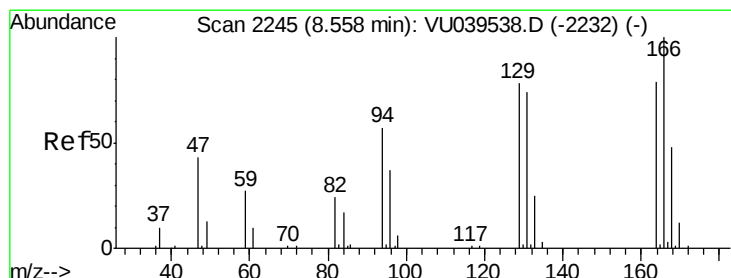
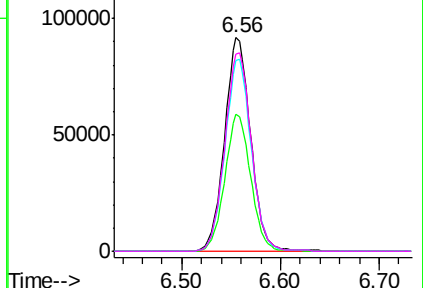
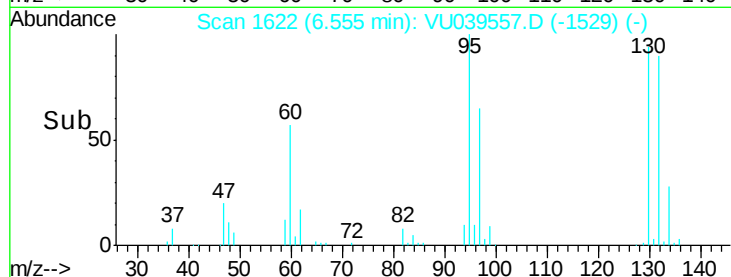


Abundance Ion 95.00 (94.70 to 95.70): VU039557.D (-1529) (-)

Ion 96.95 (96.65 to 97.65): VU039557.D (-1529) (-)

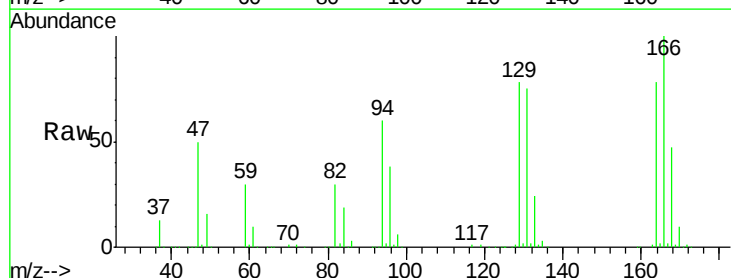
Ion 131.95 (131.65 to 132.65): VU039557.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039557.D (-1529) (-)



#47
 Tetrachloroethene
 Concen: 111.375 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039557.D
 Acq: 17 Jul 2020 17:58

Tgt Ion	164	Resp	543444
Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.6	127.4
131	95.6	66.4	123.4
166	127.7	85.9	159.5



Abundance Ion 163.90 (163.60 to 164.60): VU039557.D (-2152) (-)

Ion 128.95 (128.65 to 129.65): VU039557.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU039557.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU039557.D (-2152) (-)

