

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039549.D
 Acq On : 17 Jul 2020 14:07
 Operator : SY/MD
 Sample : L3292-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT86

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:46:41 AM

Quant Time: Jul 18 00:35:06 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	73854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20140	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	21431	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	35164	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.66	46	105626	53.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.86%
24) Chloroform-d	5.09	84	48855	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.72	65	33127	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.75	84	97345	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.71	67	33981	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.91	98	85145	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
43) trans-1,3-Dichloropropene-	8.19	79	13299	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.64	63	73547	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30346	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	34204	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1317	0.243	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3563	0.830	ug/L	89
12) 1,1-Dichloroethene	2.60	96	5145	1.171	ug/L #	51
13) Acetone	2.66	43	2881m	2.725	ug/L	
17) Methyl tert-butyl Ether	3.39	73	4695m	0.339	ug/L	
19) 1,1-Dichloroethane	3.89	63	9979	1.049	ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	15560	2.854	ug/L	96
25) Chloroform	5.11	83	5802	0.604	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	10273	1.211	ug/L #	85
34) Trichloroethene	6.56	95	37989	6.821	ug/L	99
47) Tetrachloroethene	8.56	164	66654	17.207	ug/L	98

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

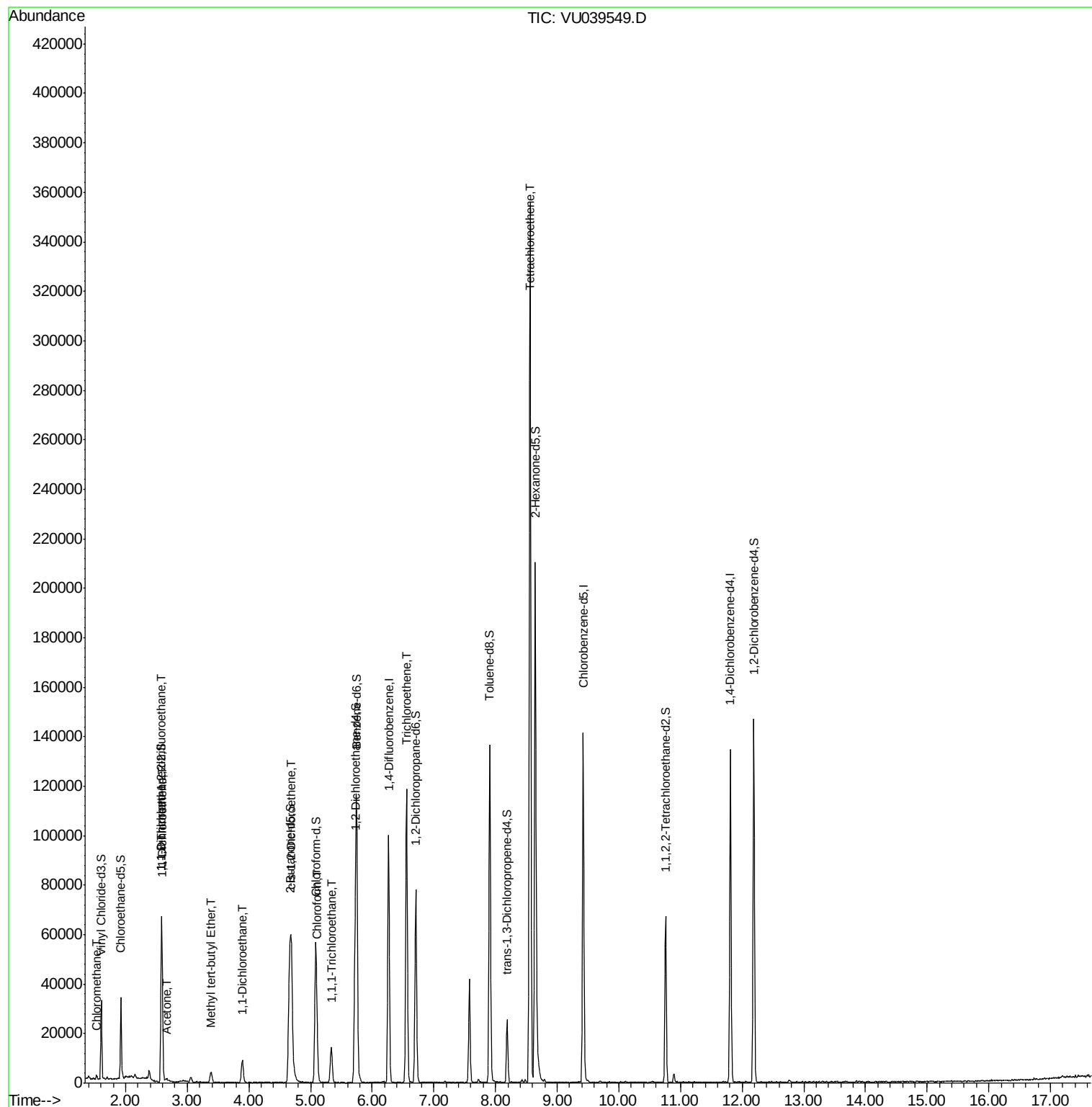
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
Data File : VU039549.D
Acq On : 17 Jul 2020 14:07
Operator : SY/MD
Sample : L3292-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

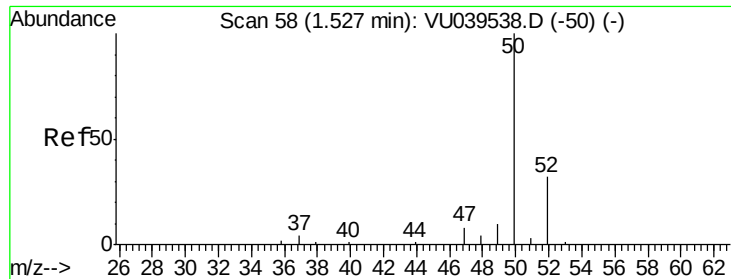
Instrument :
MSVOA_U
ClientSampleId :
BFT86

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Quant Time: Jul 18 00:35:06 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





#3

Chloromethane

Concen: 0.243 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039549.D

Acq: 17 Jul 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

BFT86

Tot Ion: 50 Resp: 1317

Ion Ratio Lower Upper

50 100

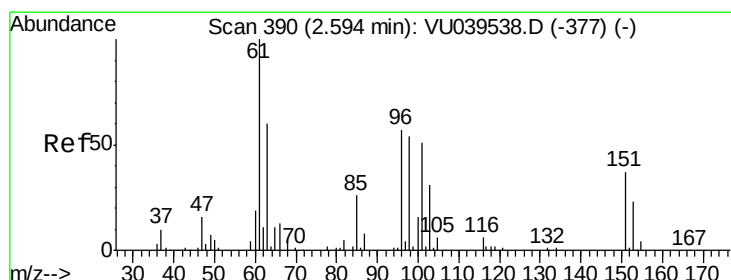
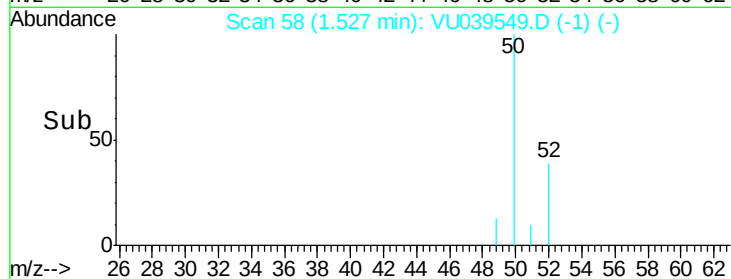
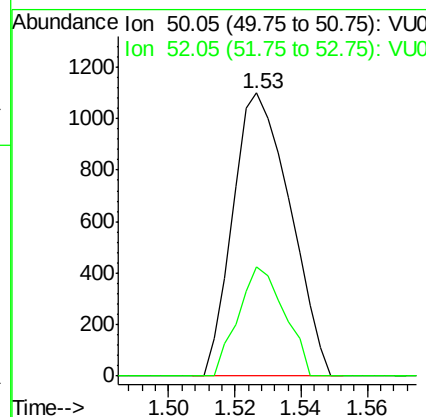
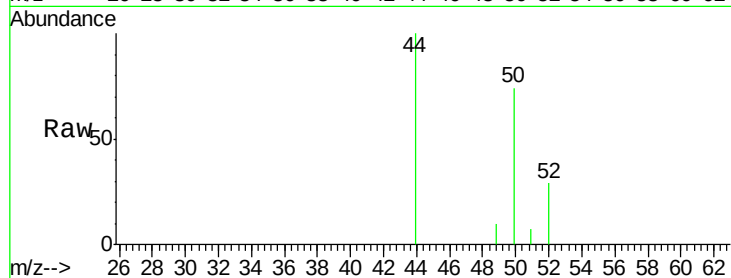
52 38.7 23.0 42.8

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#10

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

Concen: 0.830 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039549.D

Acq: 17 Jul 2020 14:07

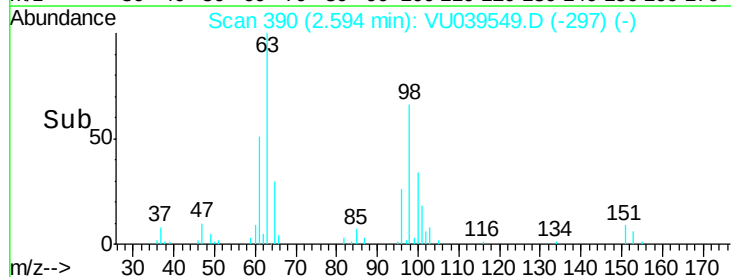
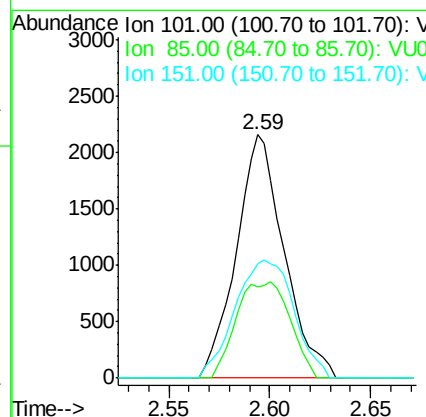
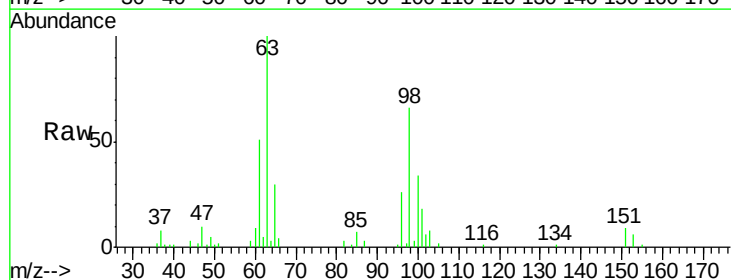
Tgt Ion: 101 Resp: 3563

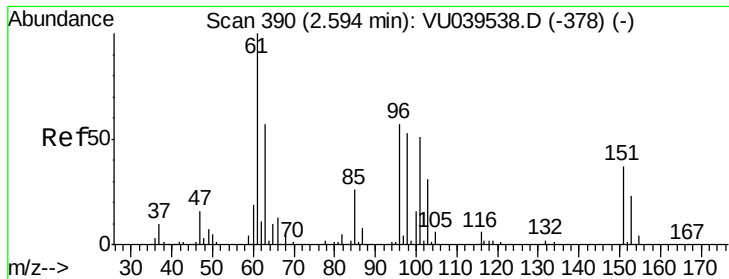
Ion Ratio Lower Upper

101 100

85 44.5 38.9 58.3

151 59.7 57.0 85.4





#12

1,1-Dichloroethene

Concen: 1.171 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU039549.D

Acq: 17 Jul 2020 14:07

Instrument :

MSVOA_U

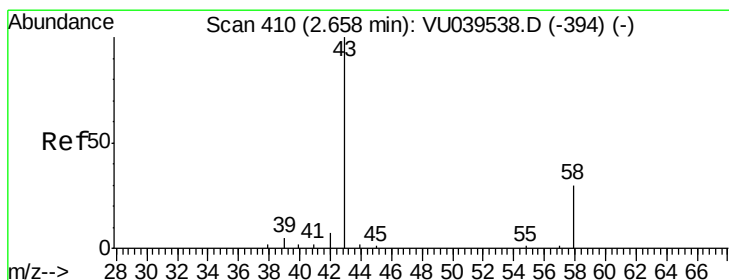
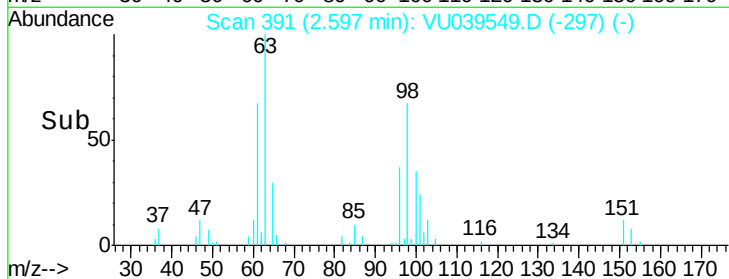
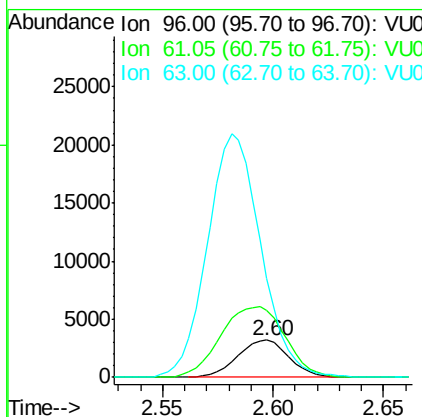
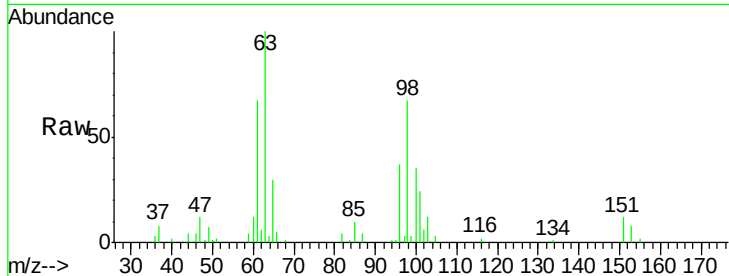
ClientSampled :

BFT86

Tot Ion	Ratio	Lower	Upper
96	100		
61	180.3	125.4	232.8
63	267.6	92.7	172.3

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#13

Acetone

Concen: 2.725 ug/L m

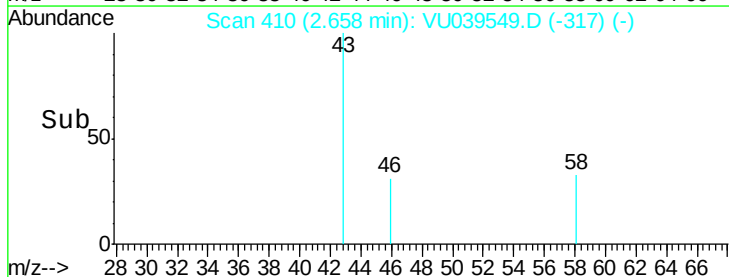
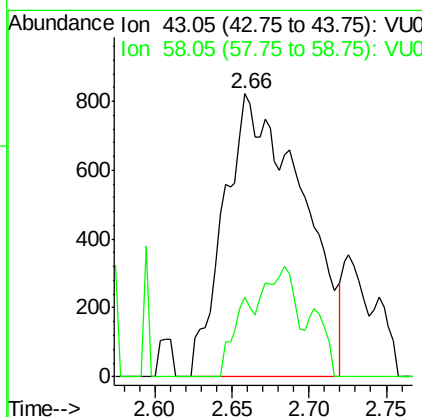
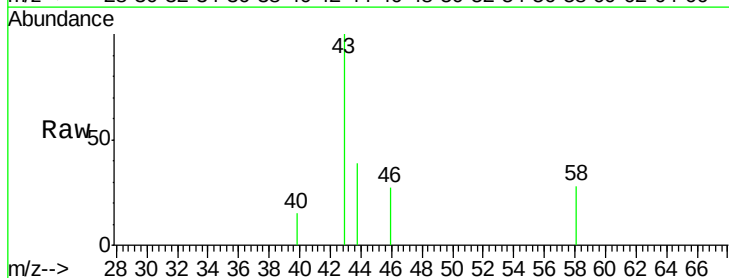
RT: 2.66 min Scan# 410

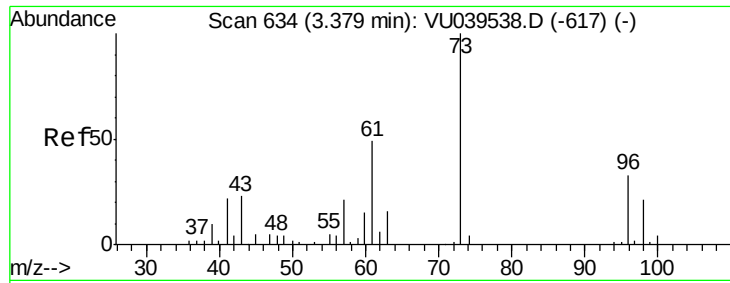
Delta R.T. -0.00 min

Lab File: VU039549.D

Acq: 17 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	7.7	0.0	62.8





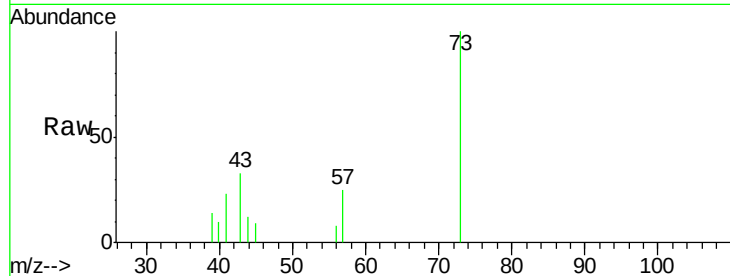
#17
Methyl tert-butyl Ether
Concen: 0.339 ug/L m
RT: 3.39 min Scan# 638
Delta R.T. 0.01 min
Lab File: VU039549.D
Acq: 17 Jul 2020 14:07

Instrument :
MSVOA_U
ClientSampled :
BFT86

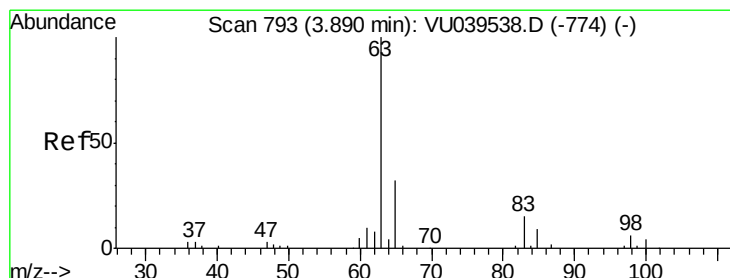
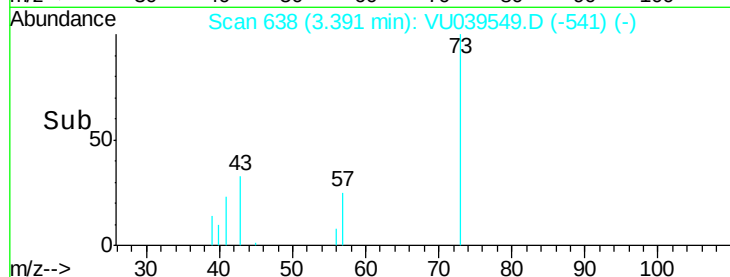
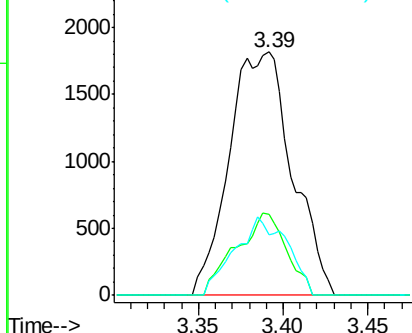
Tot Ion	Ratio	Lower	Upper
73	100		
43	27.1	18.6	28.0
57	26.8	17.9	26.9

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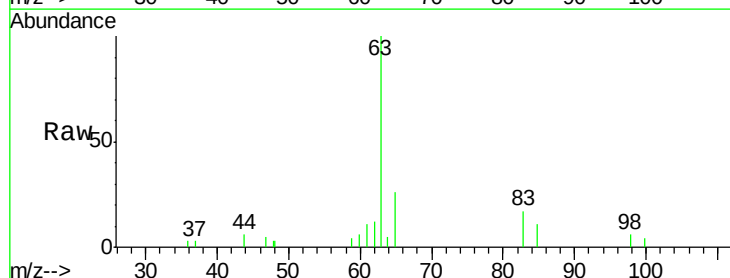


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

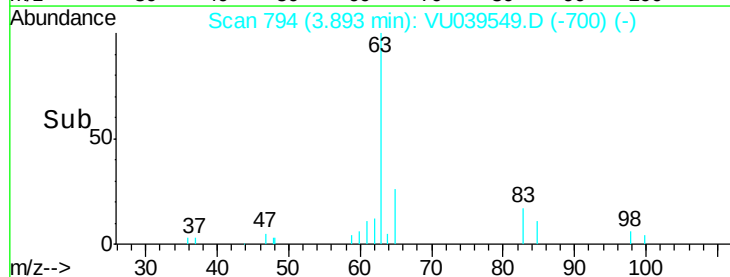
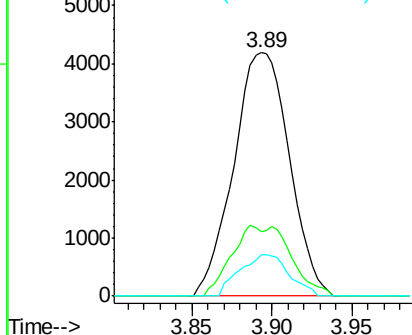


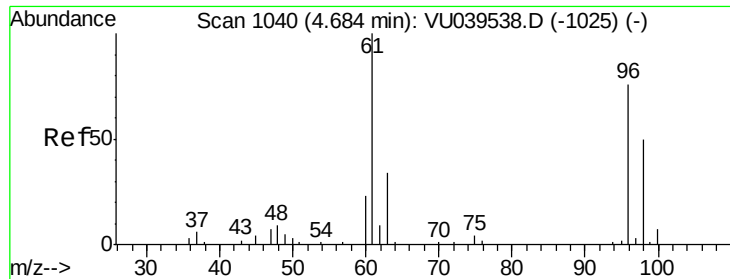
#19
1,1-Dichloroethane
Concen: 1.049 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU039549.D
Acq: 17 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
63	100		
65	25.0	23.0	42.6
83	16.0	9.6	17.8



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.854 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039549.D

Acq: 17 Jul 2020 14:07

Instrument :

MSVOA_U

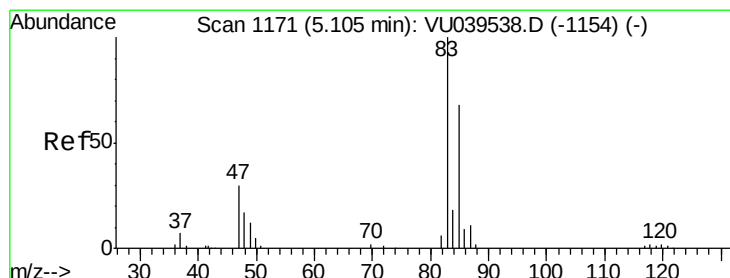
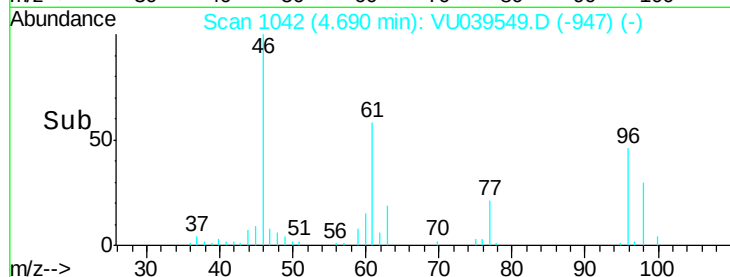
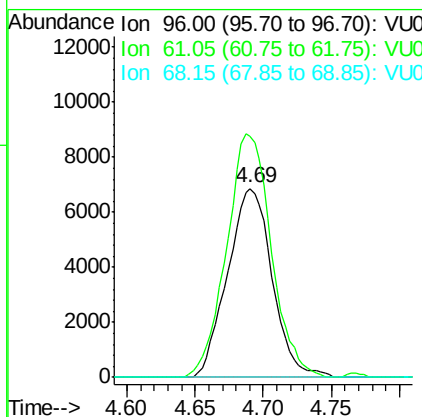
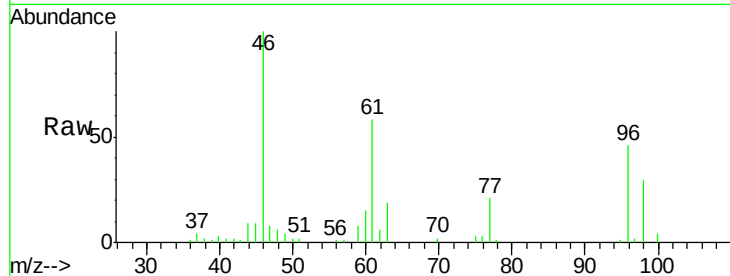
ClientSampleId :

BFT86

Tot Ion:	96	Resp:	15560
Ion	Ratio	Lower	Upper
96	100		
61	127.7	92.8	172.4
68	0.0	0.0	0.0

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#25

Chloroform

Concen: 0.604 ug/L

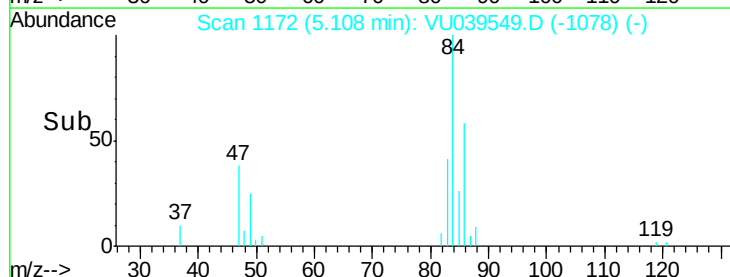
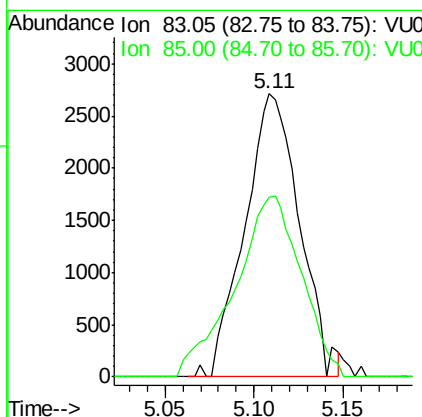
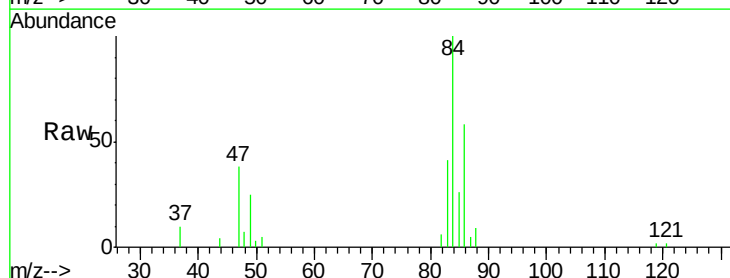
RT: 5.11 min Scan# 1172

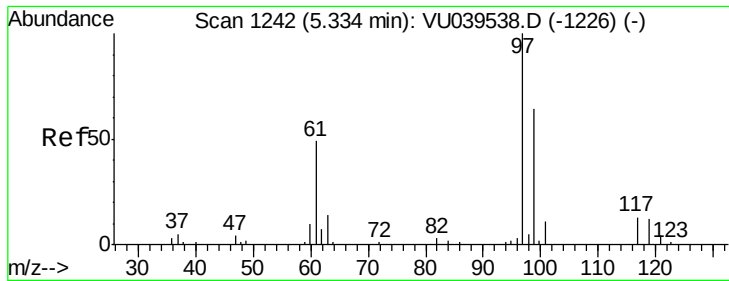
Delta R.T. 0.00 min

Lab File: VU039549.D

Acq: 17 Jul 2020 14:07

Tgt Ion:	83	Resp:	5802
Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.9	83.5





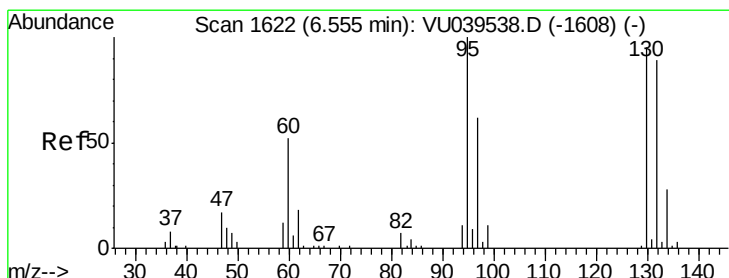
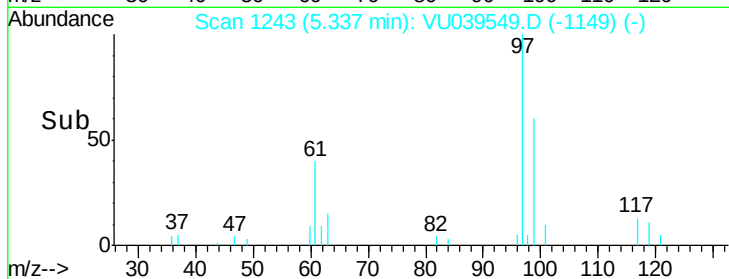
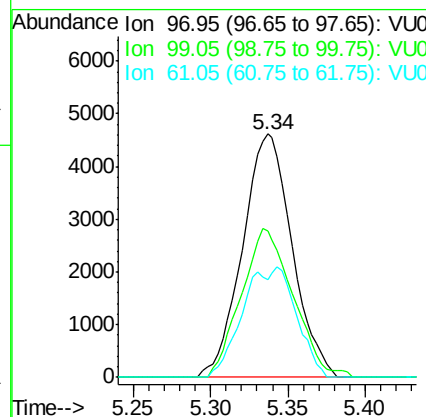
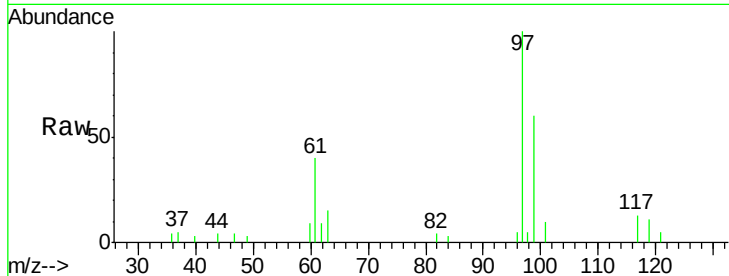
#29
1,1,1-Trichloroethane
Concen: 1.211 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VU039549.D
Acq: 17 Jul 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
BFT86

Tot Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.6	79.0
61	25.0	37.9	56.9

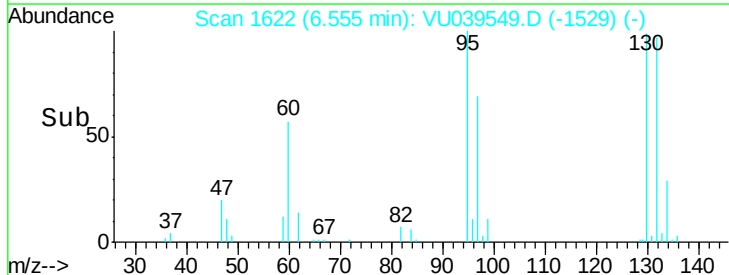
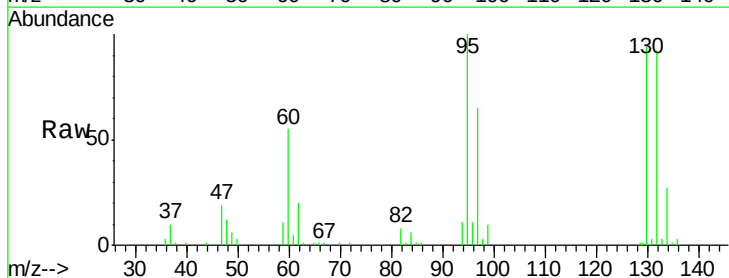
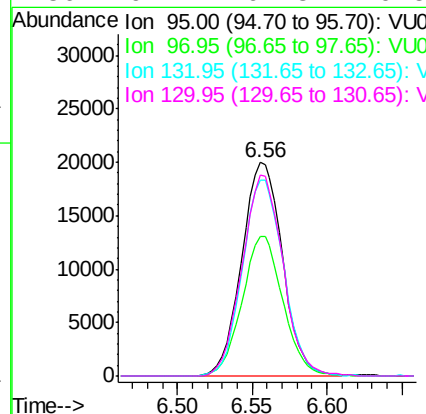
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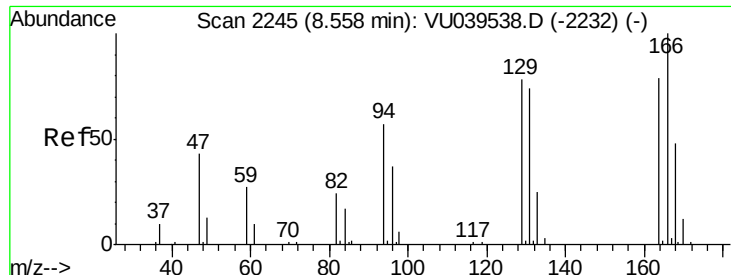
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#34
Trichloroethene
Concen: 6.821 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. -0.00 min
Lab File: VU039549.D
Acq: 17 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.3	85.9
132	91.9	64.0	118.8
130	94.1	64.3	119.5





#47

Tetrachloroethene

Concen: 17.207 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039549.D

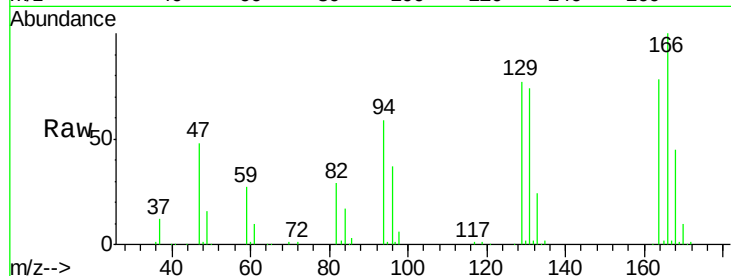
Acq: 17 Jul 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

BFT86



Tot Ion:164 Resp: 66654

Ion Ratio Lower Upper

164 100

129 98.2 68.6 127.4

131 94.5 66.4 123.4

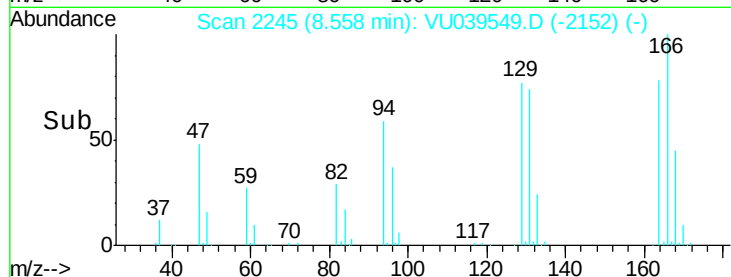
166 128.3 85.9 159.5

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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

