

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039532.D
 Acq On : 16 Jul 2020 18:23
 Operator : SY/MD
 Sample : L3292-15DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT90DL

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 12:10:03 PM

Quant Time: Jul 18 03:37:38 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	91516	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19811	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.93	69	24056	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	34346	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.66	46	108765	44.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	5.08	84	48884	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.72	65	33145	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.75	84	95281	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.71	67	33344	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	83800	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	12338	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.64	63	76082	38.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.56%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29992	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32807	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	1983m	0.373	ug/L	
12) 1,1-Dichloroethene	2.60	96	2545	0.468	ug/L	# 1
16) Methylene chloride	3.07	84	4032	0.589	ug/L	97
25) Chloroform	5.11	83	3953	0.332	ug/L	96
34) Trichloroethene	6.56	95	16173	2.363	ug/L	97
47) Tetrachloroethene	8.56	164	35309	7.416	ug/L	99

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

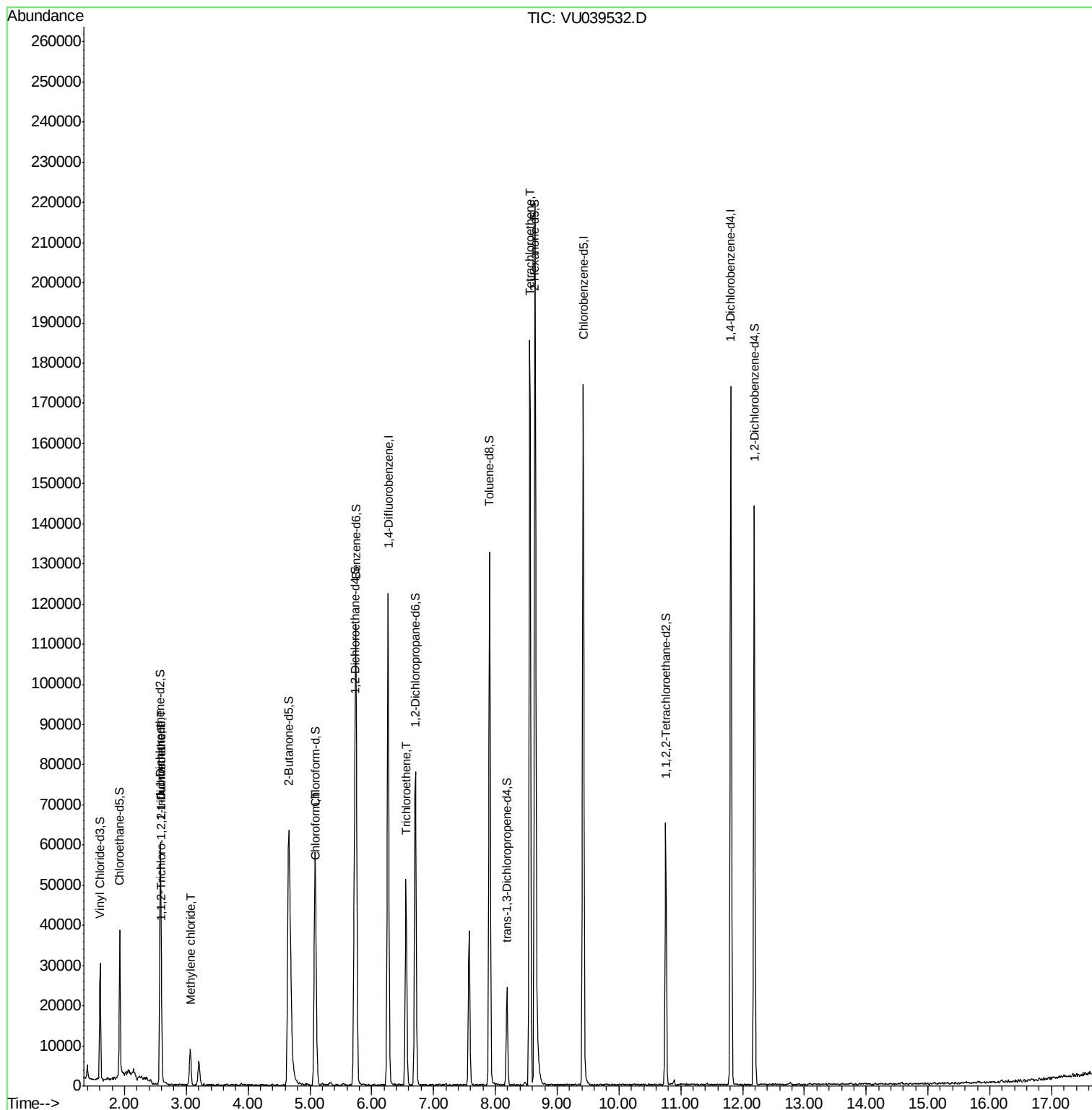
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
Data File : VU039532.D
Acq On : 16 Jul 2020 18:23
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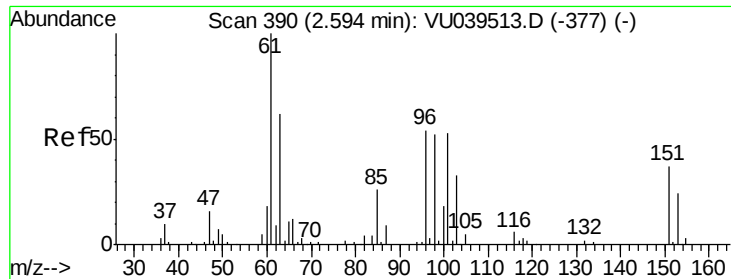
Instrument :
MSVOA_U
ClientSampleId :
BFT90DL

Manual Integrations
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Quant Time: Jul 18 03:37:38 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





#10

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

Concen: 0.373 ug/L m

RT: 2.61 min Scan# 394

Delta R.T. 0.01 min

Lab File: VU039532.D

Acq: 16 Jul 2020 18:23

Instrument :

MSVOA_U

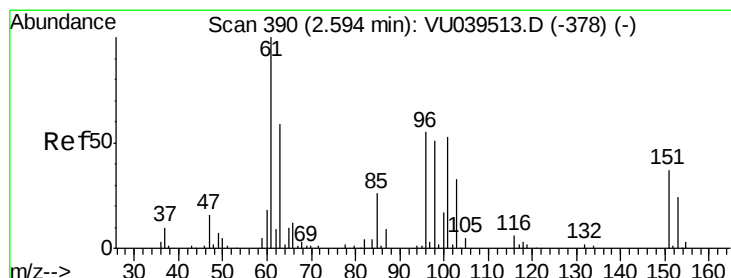
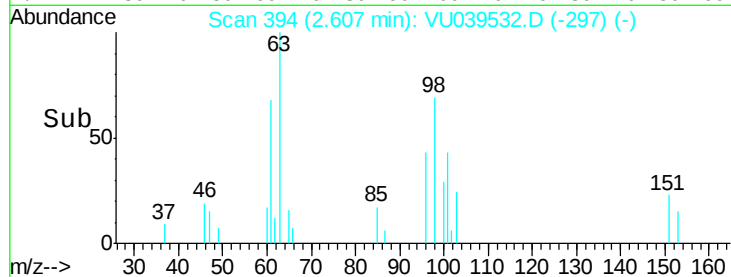
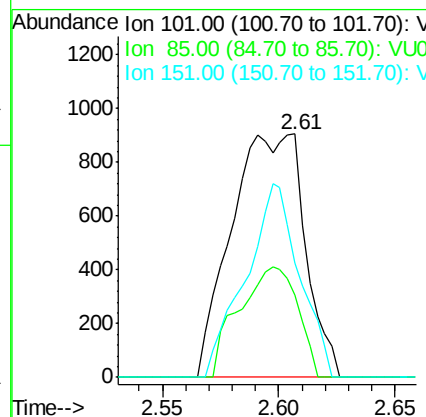
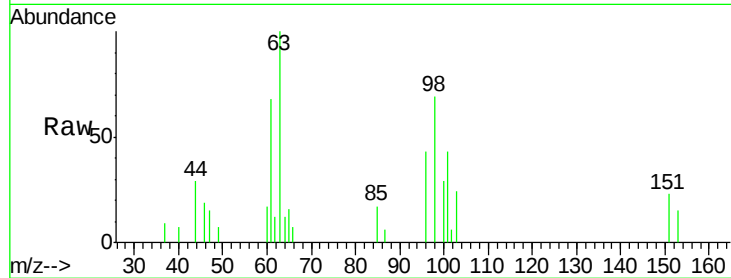
ClientSampleId :

BFT90DL

Tot Ion:	101	Resp:	1983
Ion Ratio	Lower	Upper	
101	100		
85	36.5	38.9	58.3#
151	58.5	57.0	85.4

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#12

1,1-Dichloroethene

Concen: 0.468 ug/L

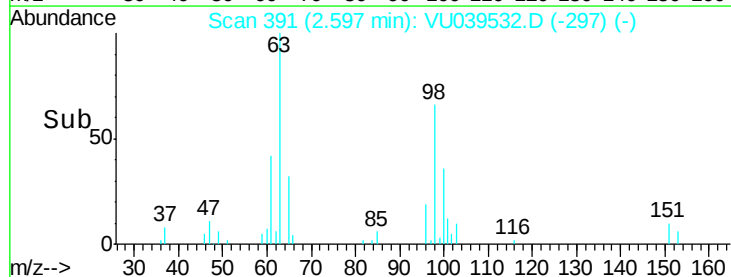
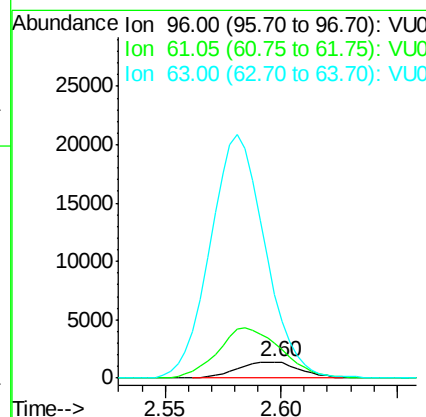
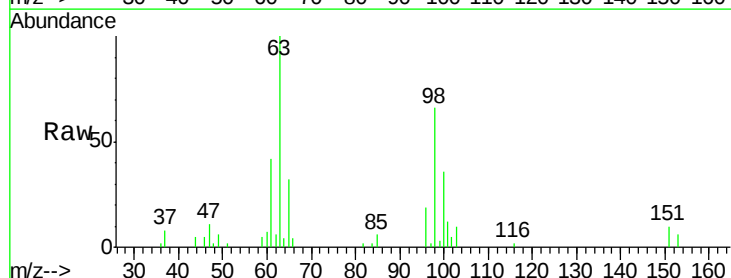
RT: 2.60 min Scan# 391

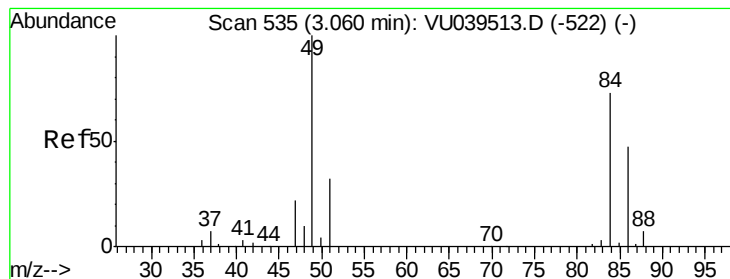
Delta R.T. 0.00 min

Lab File: VU039532.D

Acq: 16 Jul 2020 18:23

Tgt Ion:	96	Resp:	2545
Ion Ratio	Lower	Upper	
96	100		
61	222.3	125.4	232.8
63	527.8	92.7	172.3#





#16

Methvlene chloride

Concen: 0.589 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU039532.D

Acq: 16 Jul 2020 18:23

Instrument :

MSVOA_U

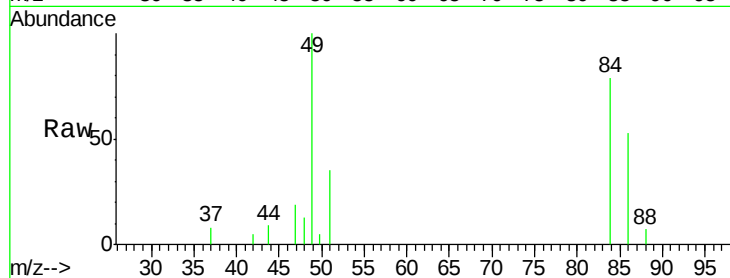
ClientSampled :

BFT90DL

Tot Ion:	84	Resp:	4032
Ion	Ratio	Lower	Upper
84	100		
86	66.4	43.5	80.9
49	132.5	91.1	169.1

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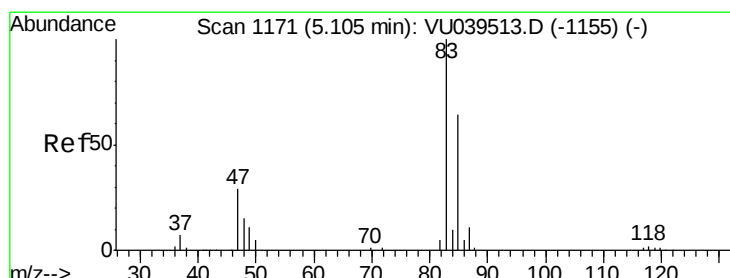
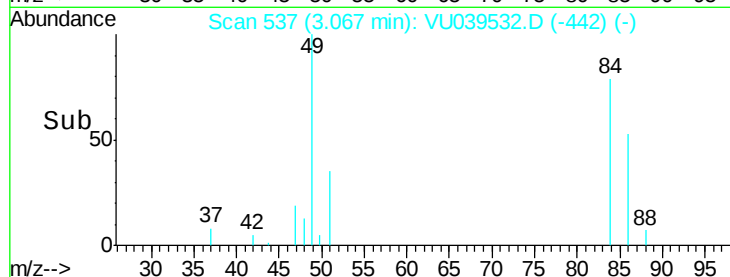
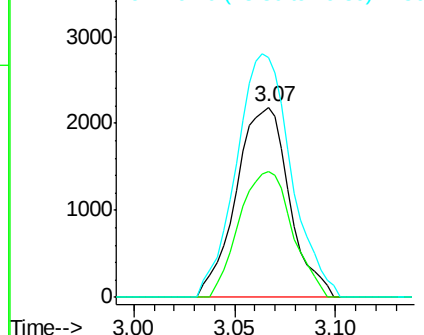
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Abundance Ion 84.05 (83.75 to 84.75): VU039513.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039513.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039513.D (-522) (-)



#25

Chloroform

Concen: 0.332 ug/L

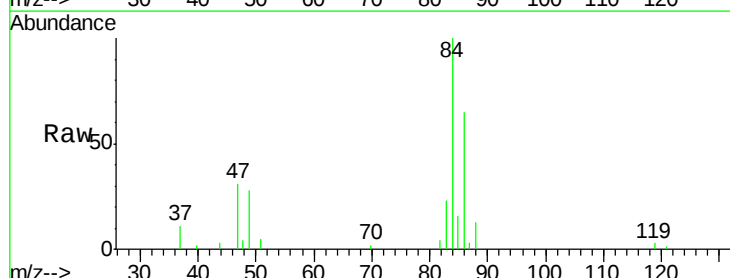
RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039532.D

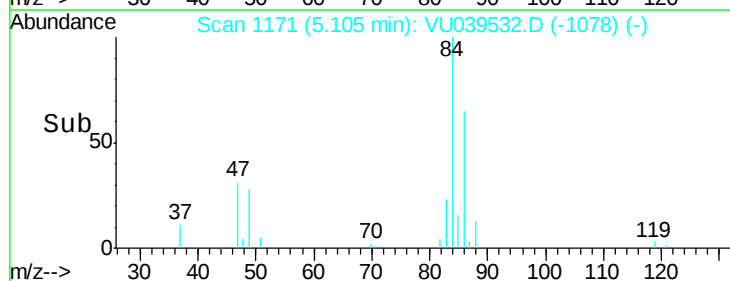
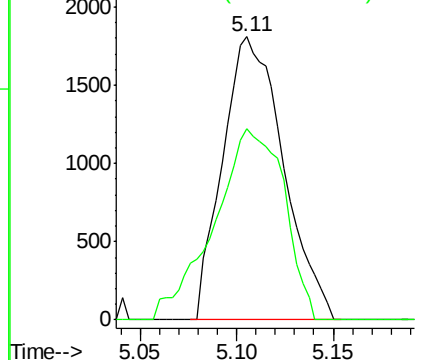
Acq: 16 Jul 2020 18:23

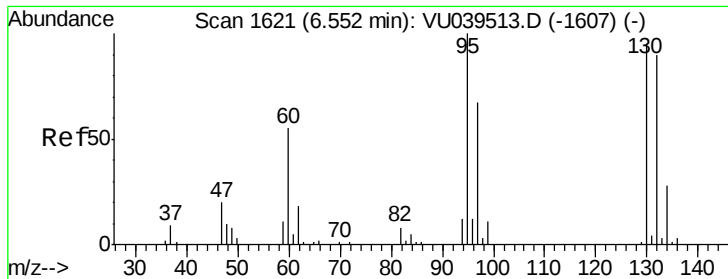
Tgt Ion:	83	Resp:	3953
Ion	Ratio	Lower	Upper
83	100		
85	67.7	44.9	83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039513.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU039513.D (-1155) (-)





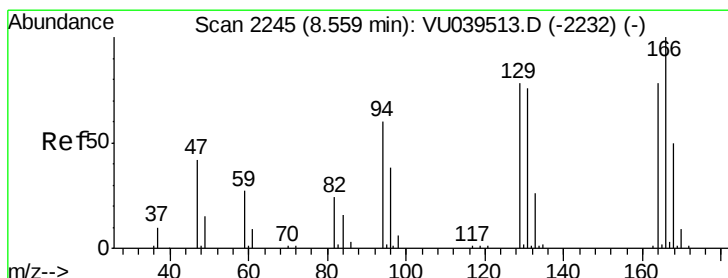
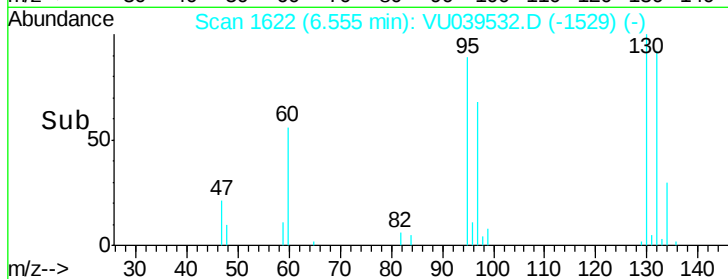
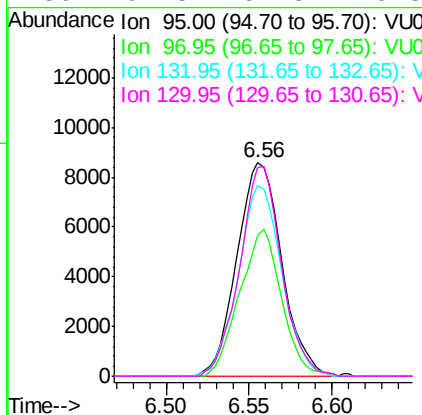
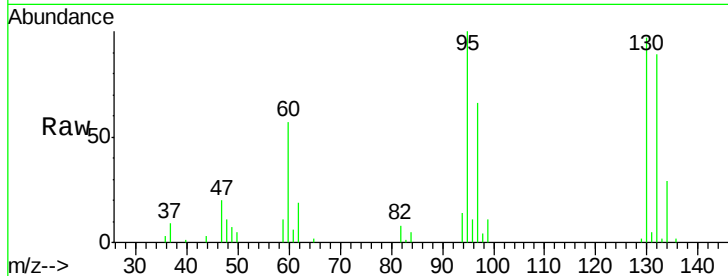
#34
 Trichloroethene
 Concen: 2.363 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039532.D
 Acq: 16 Jul 2020 18:23

Instrument :
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Tot Ion	95	Resp	16173
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.3	85.9
132	89.4	64.0	118.8
130	97.5	64.3	119.5

Manual Integrations
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 7/20/2020 12:10:03 PM



#47
 Tetrachloroethene
 Concen: 7.416 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039532.D
 Acq: 16 Jul 2020 18:23

Tgt Ion	164	Resp	35309
Ion	Ratio	Lower	Upper
164	100		
129	97.0	68.6	127.4
131	92.5	66.4	123.4
166	123.6	85.9	159.5

