

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039556.D
 Acq On : 17 Jul 2020 17:35
 Operator : SY/MD
 Sample : L3292-18DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 BFT93DL

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:46:27 AM

Quant Time: Jul 18 02:15:43 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	90174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40282	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19098	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.92	69	24487	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	31176	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.65	46	99972	41.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.62%
24) Chloroform-d	5.09	84	46571	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.72	65	31416	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.75	84	91783	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.71	67	32757	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.91	98	80233	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	12143	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	69792	36.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28410	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	32926	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	851m	0.162	ug/L	
12) 1,1-Dichloroethene	2.59	96	1243	0.232	ug/L	# 1
13) Acetone	2.66	43	1828	1.416	ug/L	90
16) Methylene chloride	3.07	84	4074	0.604	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	7588	1.140	ug/L	92
25) Chloroform	5.11	83	5896	0.503	ug/L	93
34) Trichloroethene	6.56	95	50970	7.592	ug/L	97
47) Tetrachloroethene	8.56	164	844	0.181	ug/L	80

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

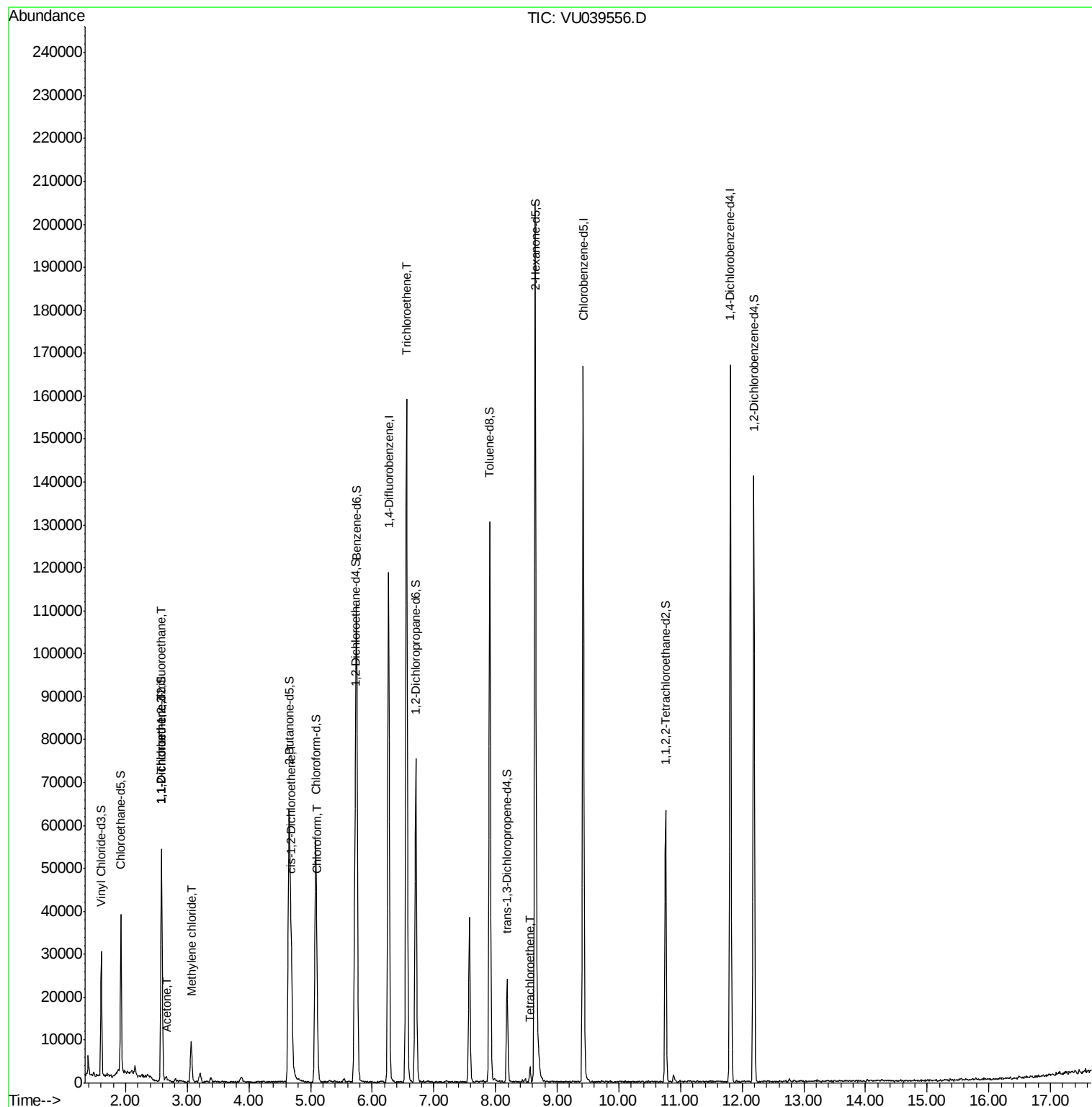
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071720\
Data File : VU039556.D
Acq On : 17 Jul 2020 17:35
Operator : SY/MD
Sample : L3292-18DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

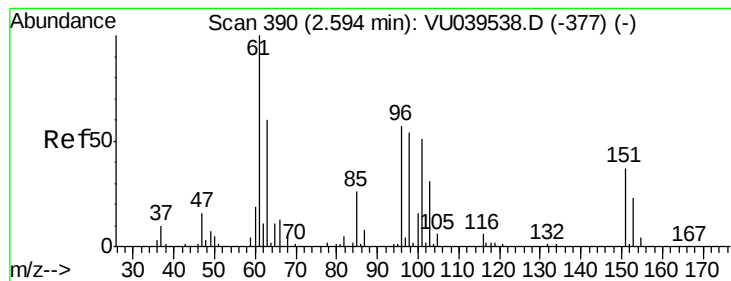
Instrument :
MSVOA_U
ClientSampleId :
BFT93DL

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:46:27 AM

Quant Time: Jul 18 02:15:43 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





#10

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

Concen: 0.162 ug/L m

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

Instrument :

MSVOA_U

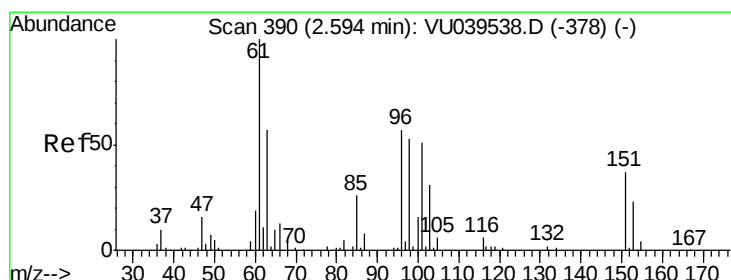
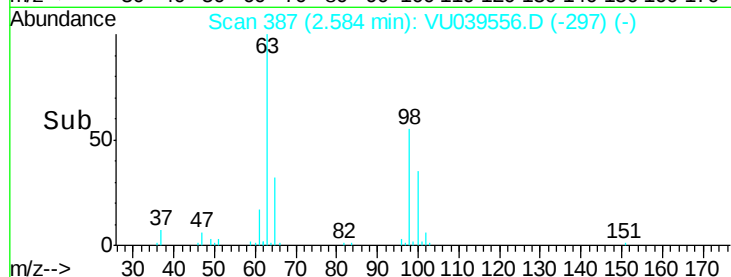
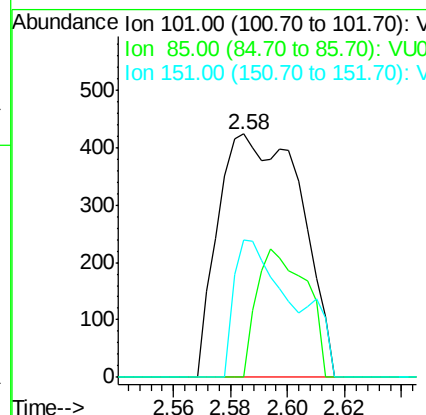
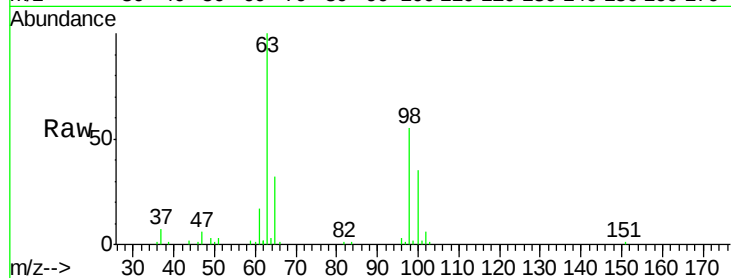
ClientSampled :

BFT93DL

Tot Ion:	101	Resp:	851
Ion Ratio	Lower	Upper	
101	100		
85	31.6	38.9	58.3#
151	32.4	57.0	85.4#

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:46:27 AM



#12

1,1-Dichloroethene

Concen: 0.232 ug/L

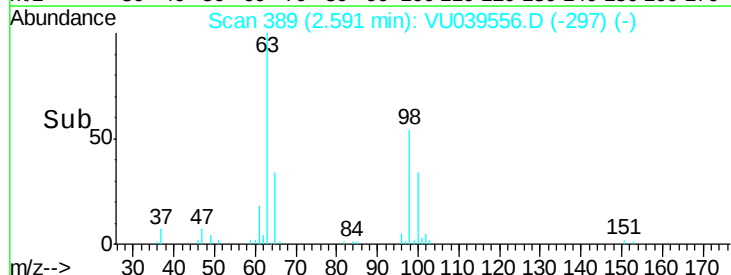
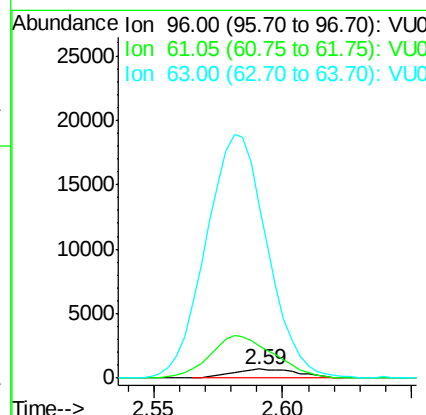
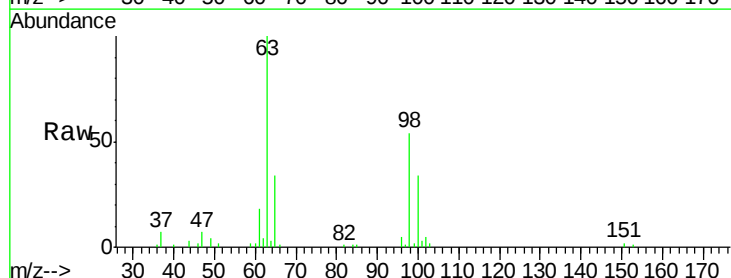
RT: 2.59 min Scan# 389

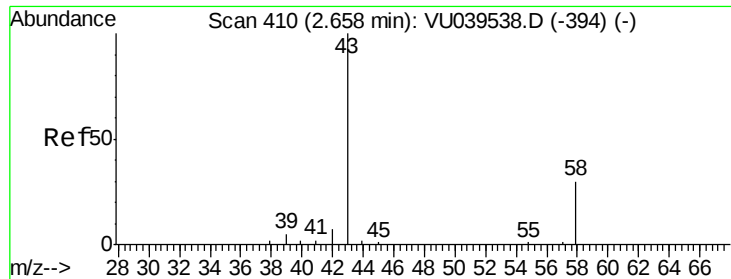
Delta R.T. -0.00 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

Tgt Ion:	96	Resp:	1243
Ion Ratio	Lower	Upper	
96	100		
61	344.7	125.4	232.8#
63	1870.4	92.7	172.3#





#13

Acetone

Concen: 1.416 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

Instrument :

MSVOA_U

ClientSampleID :

BFT93DL

Tot Ion: 43 Resp: 1828

Ion Ratio Lower Upper

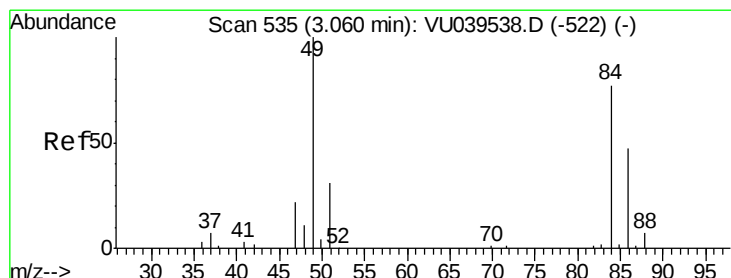
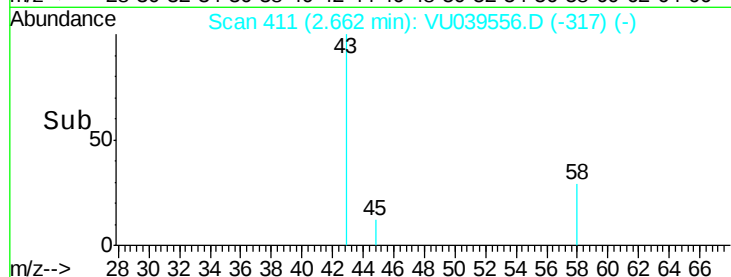
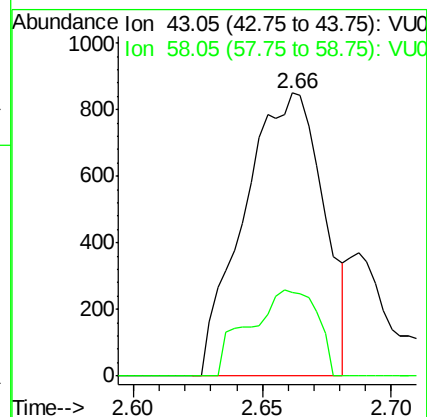
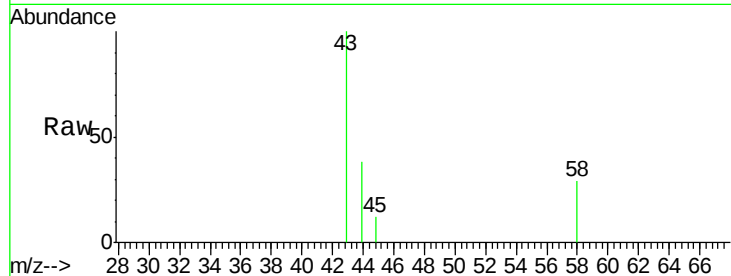
43 100

58 26.0 0.0 62.8

Manual Integrations
APPROVED

MMDadoda

7/20/2020 11:46:27 AM



#16

Methylene chloride

Concen: 0.604 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

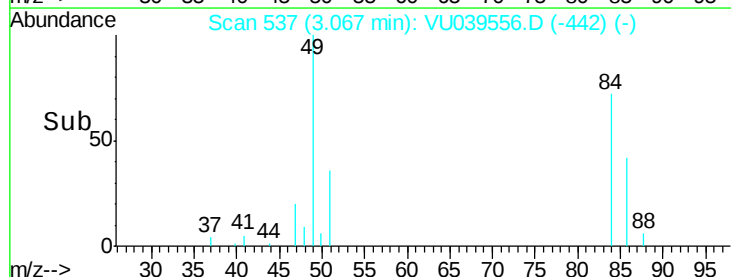
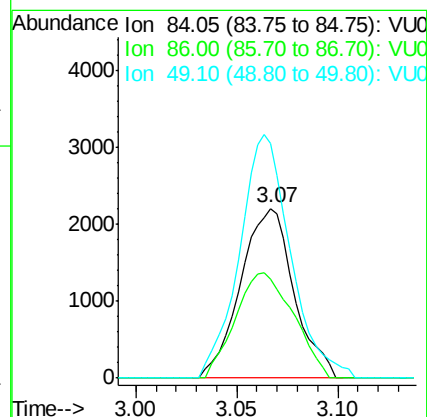
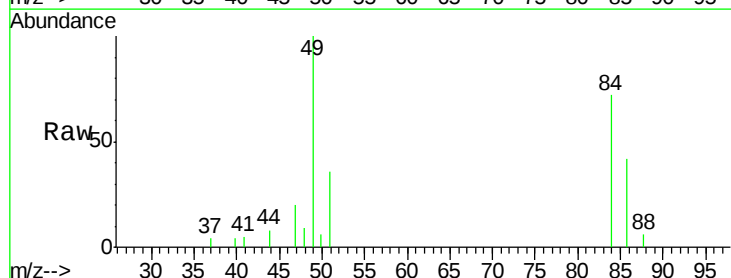
Tgt Ion: 84 Resp: 4074

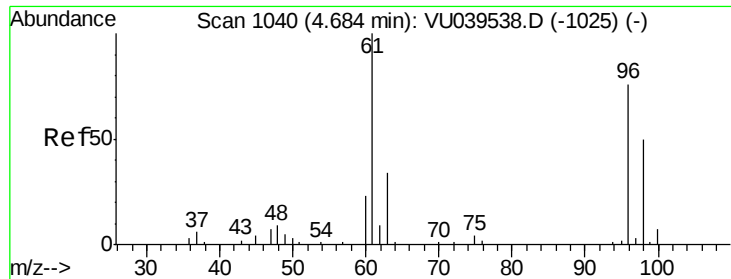
Ion Ratio Lower Upper

84 100

86 58.0 43.5 80.9

49 138.1 91.1 169.1





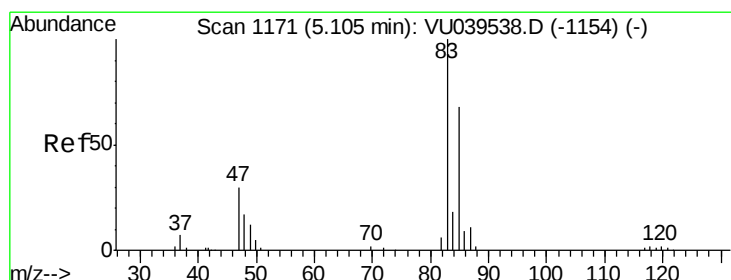
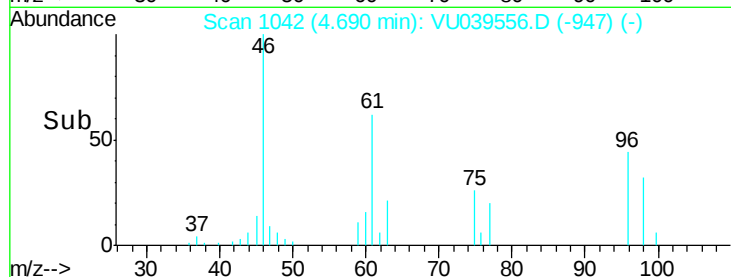
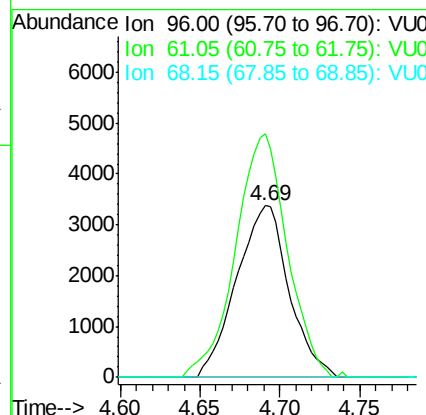
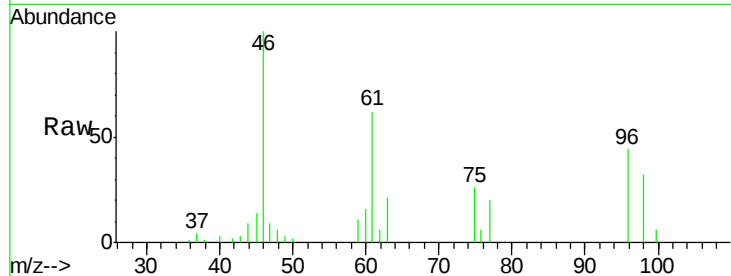
#22
 cis-1,2-Dichloroethene
 Concen: 1.140 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VU039556.D
 Acq: 17 Jul 2020 17:35

Instrument :
 MSVOA_U
 ClientSampled :
 BFT93DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		7588		
61	141.8		92.8	172.4	
68	0.0		0.0	0.0	

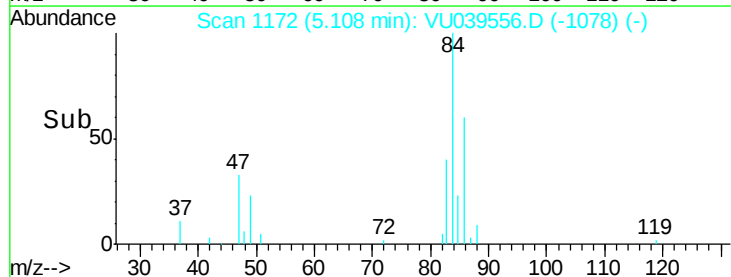
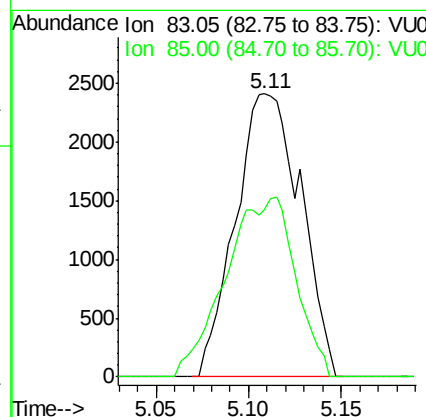
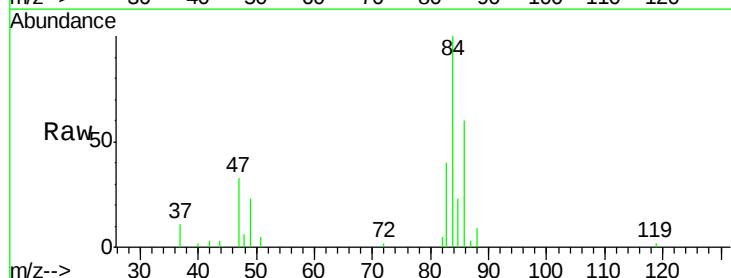
Manual Integrations
 APPROVED

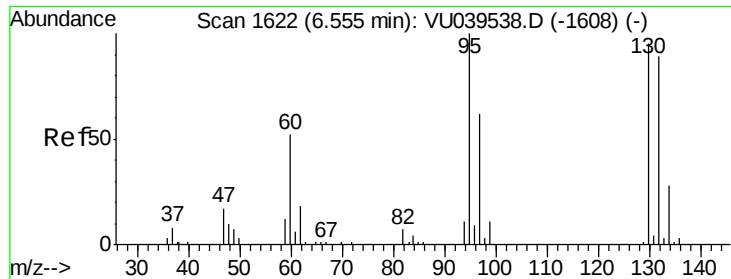
MMDadoda
 7/20/2020 11:46:27 AM



#25
 Chloroform
 Concen: 0.503 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU039556.D
 Acq: 17 Jul 2020 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		5896		
85	58.9		44.9	83.5	





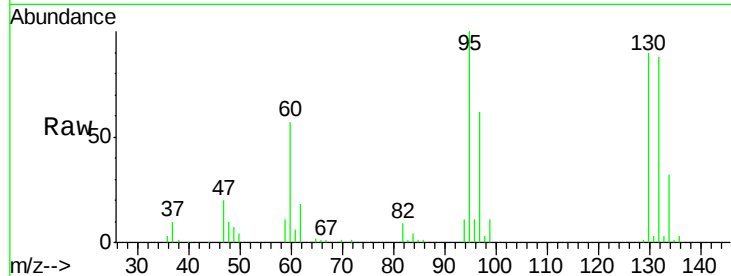
#34
 Trichloroethene
 Concen: 7.592 ug/L
 RT: 6.56 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: VU039556.D
 Acq: 17 Jul 2020 17:35

Instrument :
 MSVOA_U
 ClientSampled :
 BFT93DL

Tot Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.3	85.9
132	88.1	64.0	118.8
130	90.4	64.3	119.5

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:46:27 AM



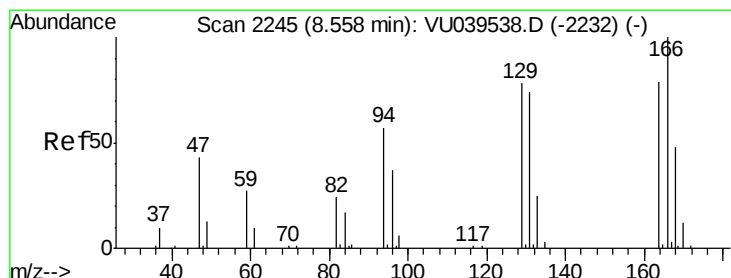
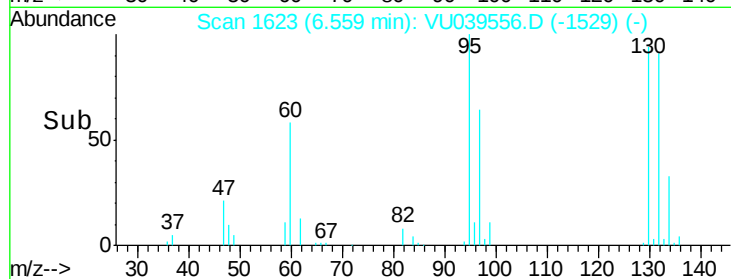
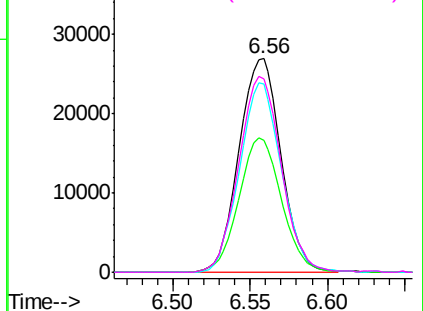
Abundance

Ion 95.00 (94.70 to 95.70): VU039556.D (-1529) (-)

Ion 96.95 (96.65 to 97.65): VU039556.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU039556.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039556.D (-1529) (-)



#47
 Tetrachloroethene
 Concen: 0.181 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039556.D
 Acq: 17 Jul 2020 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
129	83.4	68.6	127.4
131	75.6	66.4	123.4
166	95.7	85.9	159.5

Abundance

Ion 163.90 (163.60 to 164.60): VU039556.D (-2152) (-)

Ion 128.95 (128.65 to 129.65): VU039556.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU039556.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU039556.D (-2152) (-)

