

Data File : VU038433.D
Acq On : 30 May 2020 22:57
Operator : JC/MD
Sample : L2787-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFX94

Quant Time: Jun 09 02:50:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	310119	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	301417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102292	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.93	69	81682	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.59	63	149785	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.67	46	360549	59.13	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.26%
24) Chloroform-d	5.10	84	202067	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.74	65	118142	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	405854	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.72	67	126287	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.92	98	341394	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.20	79	51290	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.65	63	315641	64.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110335	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	140554	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

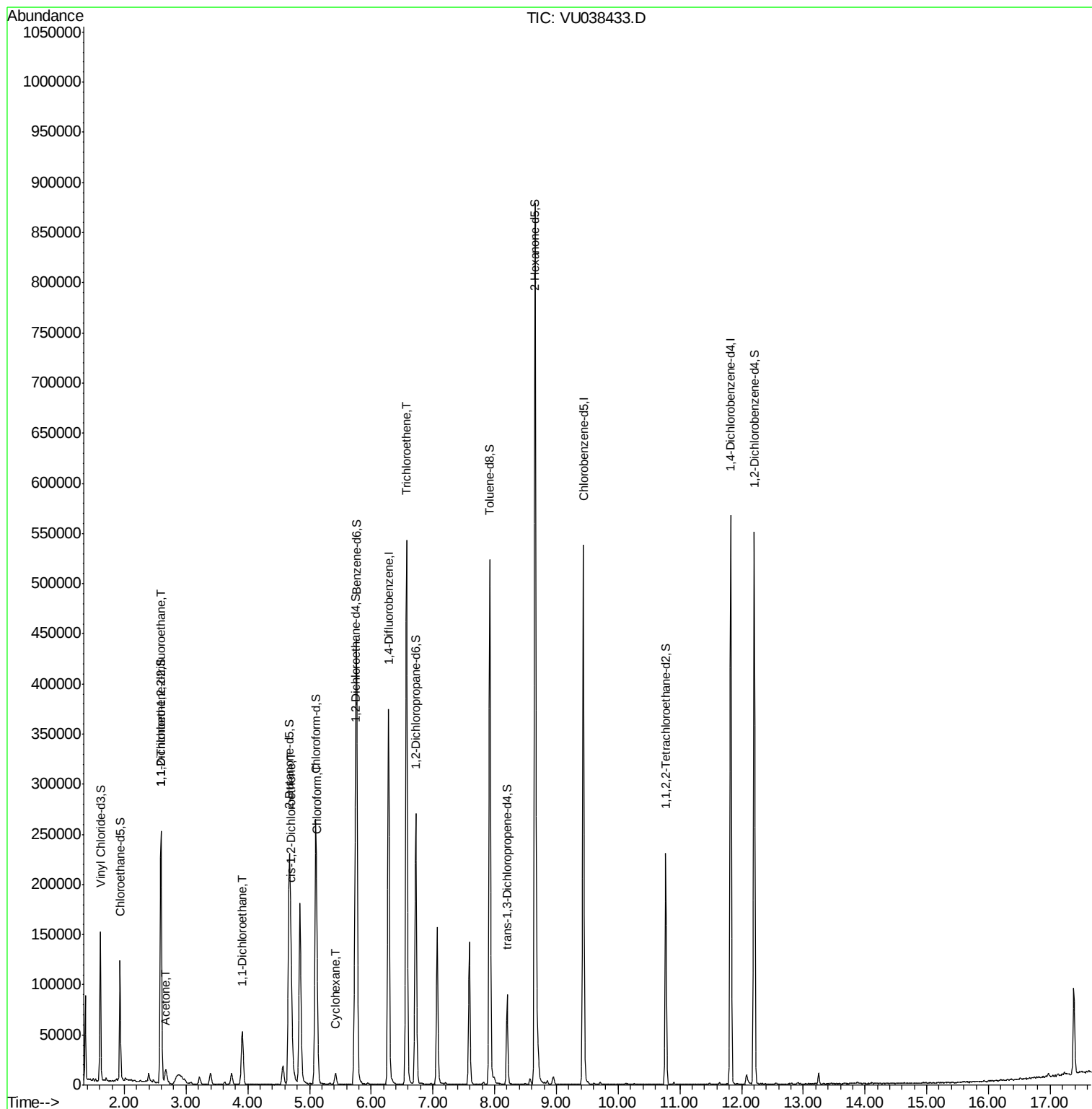
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4023	0.214 ug/L	# 79
13) Acetone	2.67	43	23455	5.878 ug/L	100
19) 1,1-Dichloroethane	3.91	63	61865	1.680 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	27485	1.240 ug/L	96
25) Chloroform	5.12	83	37941	1.014 ug/L	96
30) Cyclohexane	5.42	56	4796	0.143 ug/L	90
34) Trichloroethene	6.57	95	184073	8.438 ug/L	98

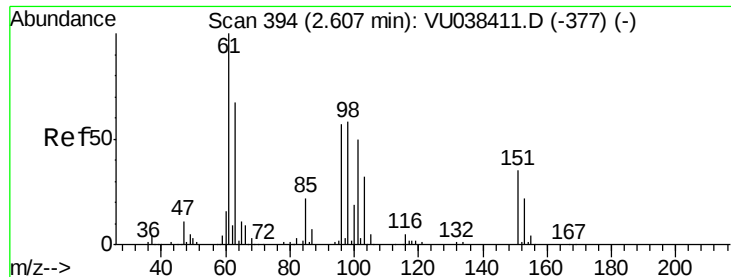
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.214 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

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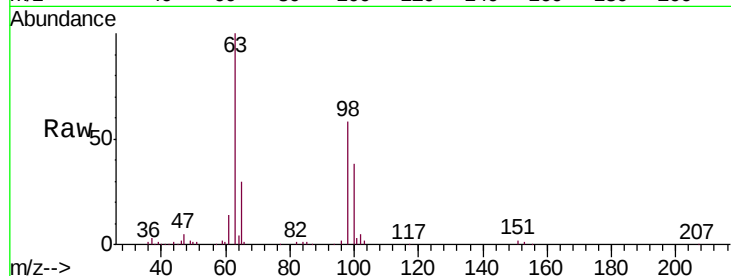
Tgt Ion:101 Resp: 4023

Ion Ratio Lower Upper

101 100

85 32.4 34.0 51.0#

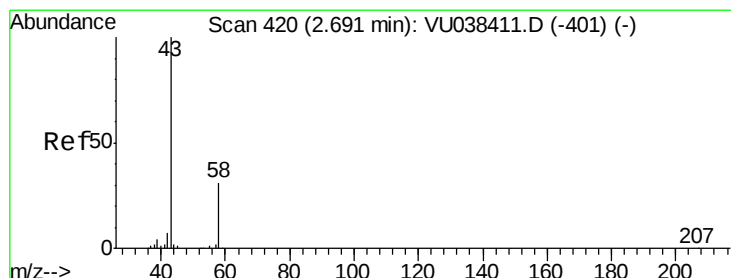
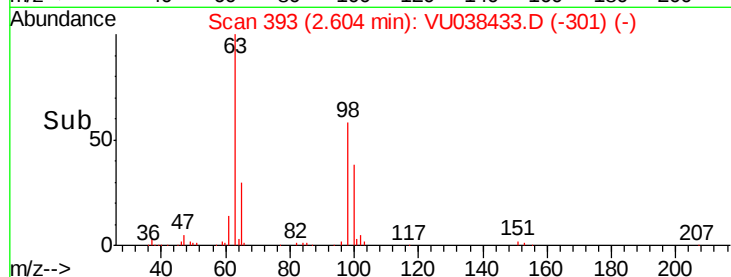
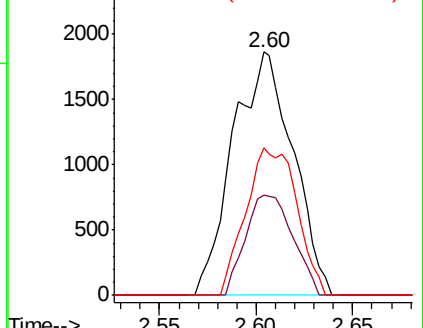
151 51.4 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.878 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038433.D

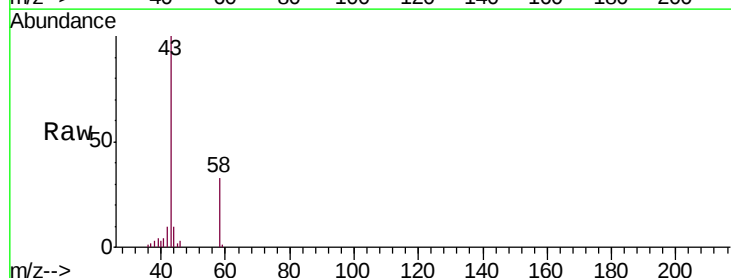
Acq: 30 May 2020 22:57

Tgt Ion: 43 Resp: 23455

Ion Ratio Lower Upper

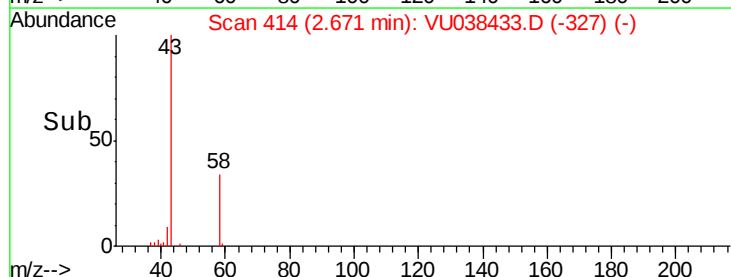
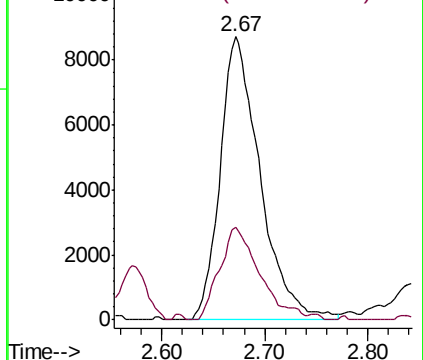
43 100

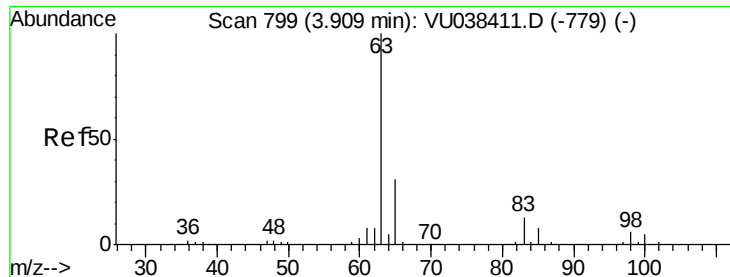
58 33.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

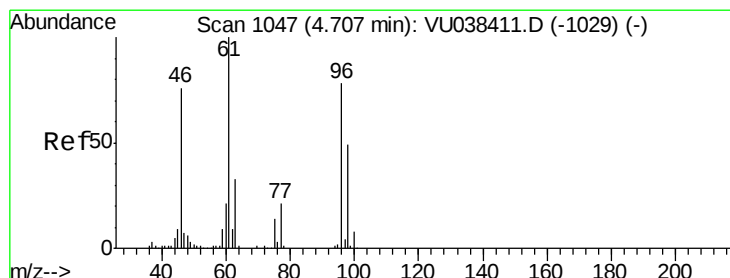
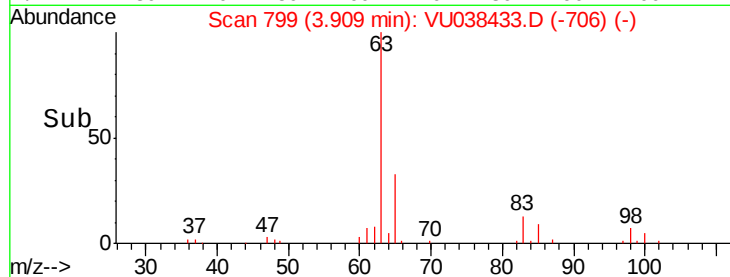
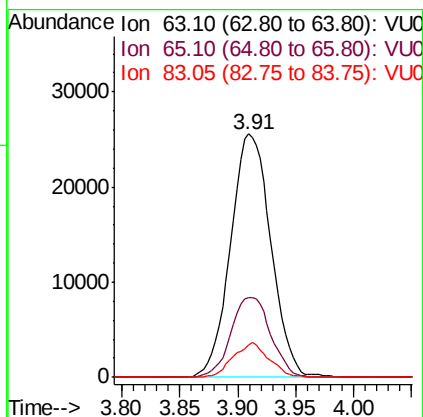
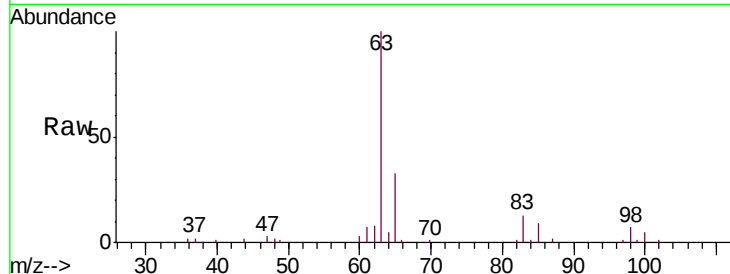




#19
 1,1-Dichloroethane
 Concen: 1.680 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038433.D
 Acq: 30 May 2020 22:57

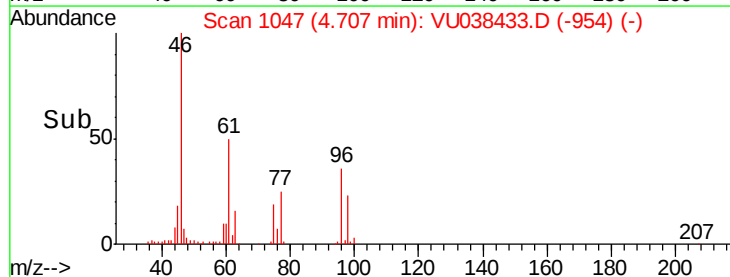
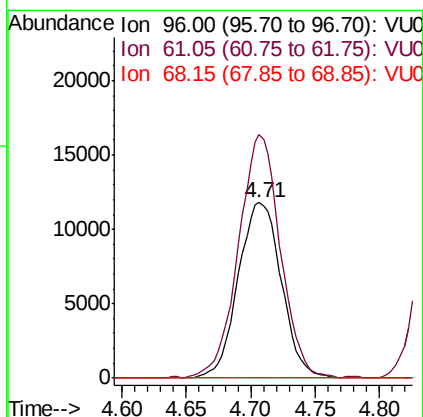
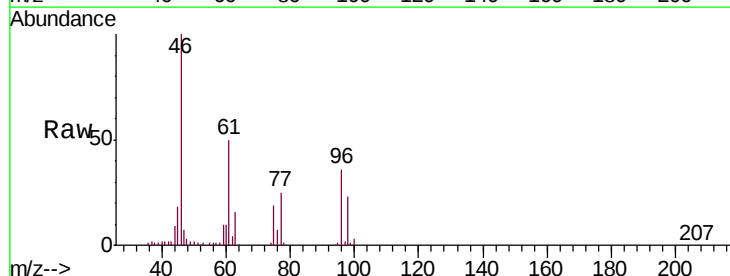
Instrument :
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 ClientSampleId :
 BFX94

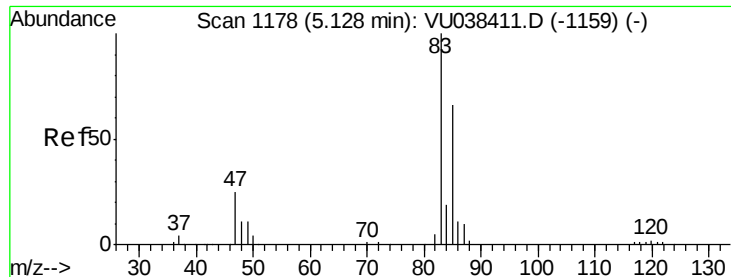
Tgt Ion: 63 Resp: 61865
 Ion Ratio Lower Upper
 63 100
 65 32.9 22.3 41.5
 83 13.3 10.4 19.4



#22
 cis-1,2-Dichloroethene
 Concen: 1.240 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038433.D
 Acq: 30 May 2020 22:57

Tgt Ion: 96 Resp: 27485
 Ion Ratio Lower Upper
 96 100
 61 139.0 94.0 174.6
 68 0.0 0.0 0.0

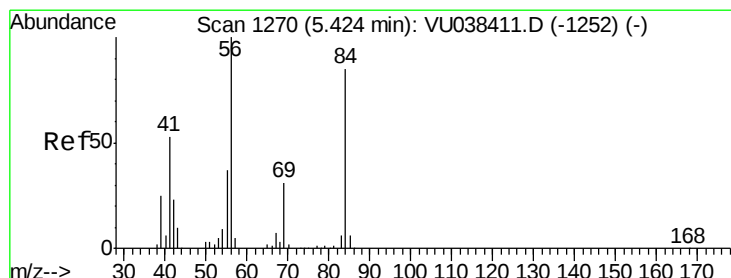
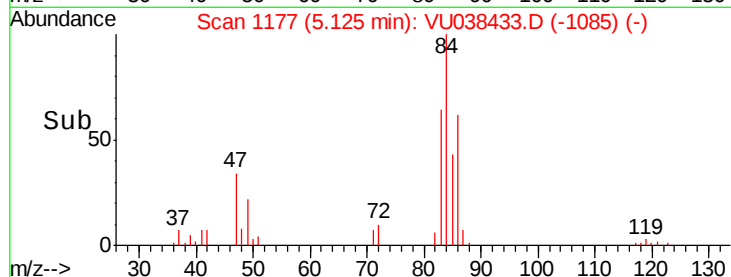
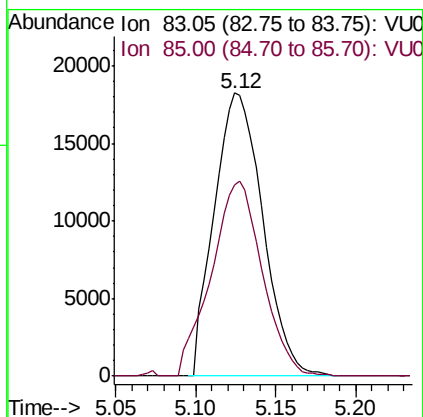
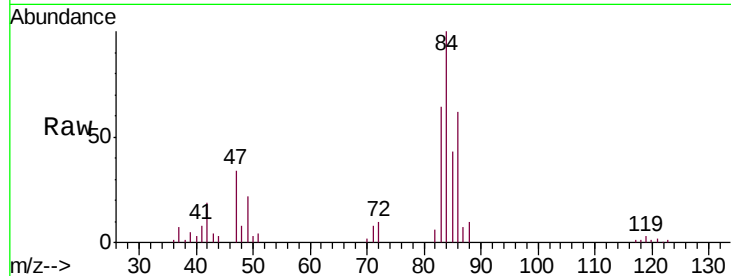




#25
Chloroform
Concen: 1.014 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038433.D
Acq: 30 May 2020 22:57

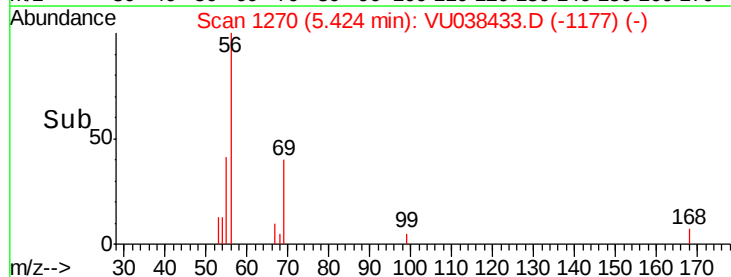
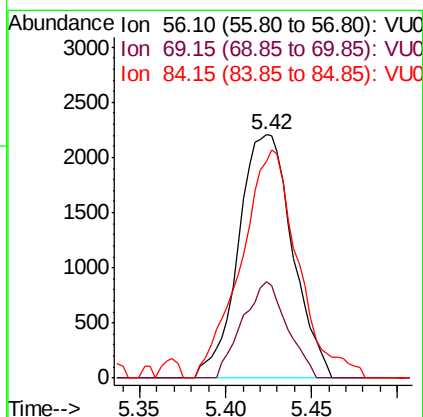
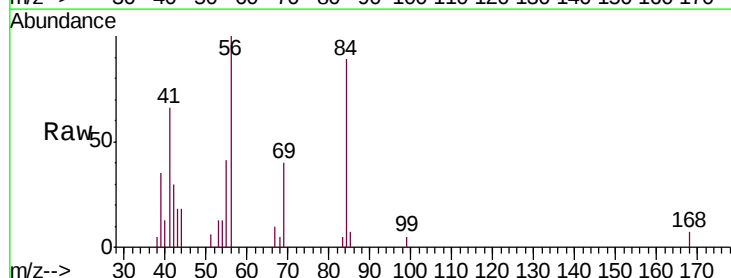
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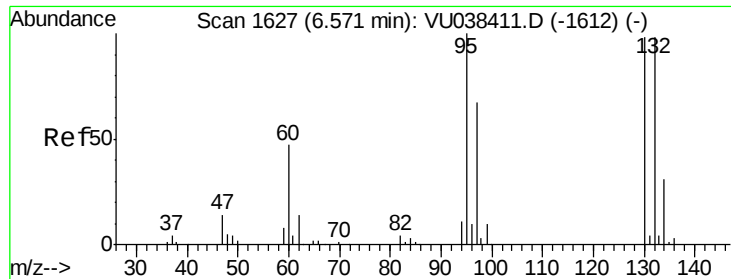
Tgt Ion: 83 Resp: 37941
Ion Ratio Lower Upper
83 100
85 67.6 44.9 83.5



#30
Cyclohexane
Concen: 0.143 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038433.D
Acq: 30 May 2020 22:57

Tgt Ion: 56 Resp: 4796
Ion Ratio Lower Upper
56 100
69 32.8 24.2 36.4
84 99.2 70.8 106.2





#34

Trichloroethene

Concen: 8.438 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038433.D

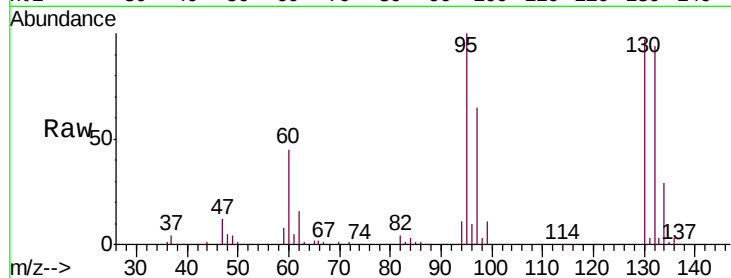
Acq: 30 May 2020 22:57

Instrument :

MSVOA_U

ClientSampleId :

BFX94



Tgt Ion: 95 Resp: 184073

Ion Ratio Lower Upper

95 100

97 65.4 46.8 87.0

132 93.9 66.1 122.7

130 96.8 70.0 130.0

Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

