

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038425.D
 Acq On : 30 May 2020 19:52
 Operator : JC/MD
 Sample : L2787-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX74

Quant Time: Jun 01 04:43:06 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	329076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	320959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105775	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	84687	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.59	63	154230	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.68	46	378022	58.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.86%
24) Chloroform-d	5.10	84	204987	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	122740	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	418030	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.72	67	130209	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	349944	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	52409	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.65	63	320808	61.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113787	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	141515	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

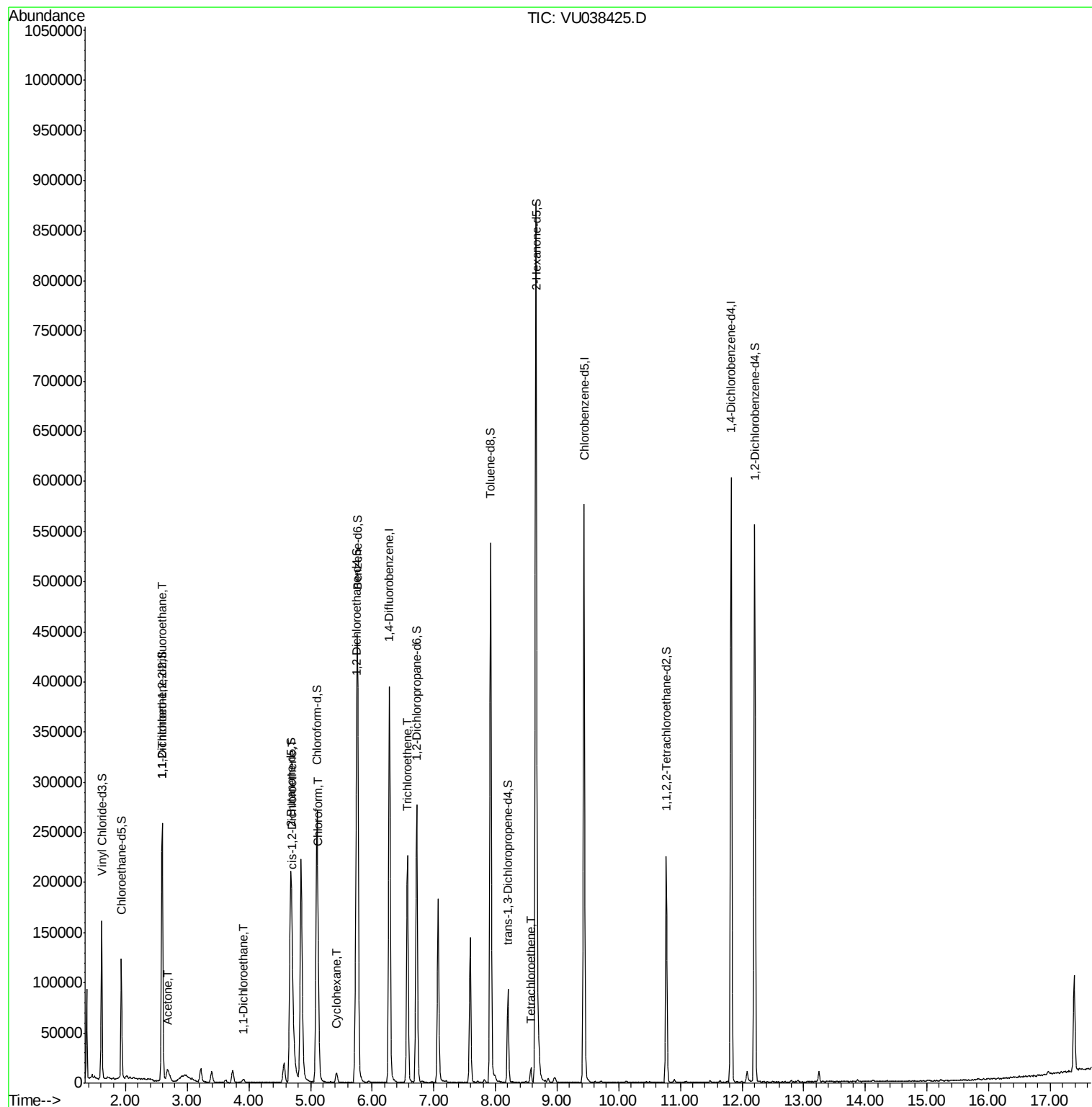
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2980	0.149	ug/L	# 61
13) Acetone	2.68	43	26790	6.327	ug/L	96
19) 1,1-Dichloroethane	3.91	63	4399	0.113	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	3616	0.154	ug/L	89
25) Chloroform	5.13	83	47500	1.196	ug/L	100
30) Cyclohexane	5.42	56	4543	0.128	ug/L	92
34) Trichloroethene	6.57	95	77734	3.346	ug/L	96
47) Tetrachloroethene	8.57	164	3258	0.193	ug/L	95

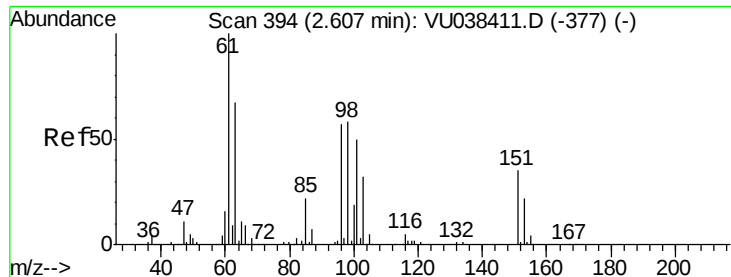
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.149 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038425.D

Acq: 30 May 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

BFX74

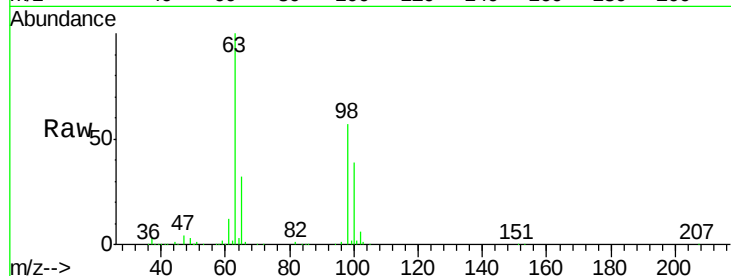
Tot Ion:101 Resp: 2980

Ion Ratio Lower Upper

101 100

85 21.2 34.0 51.0#

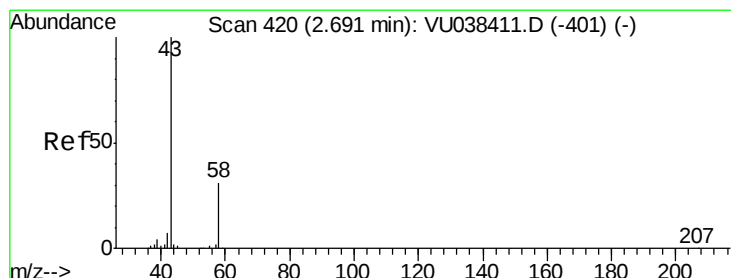
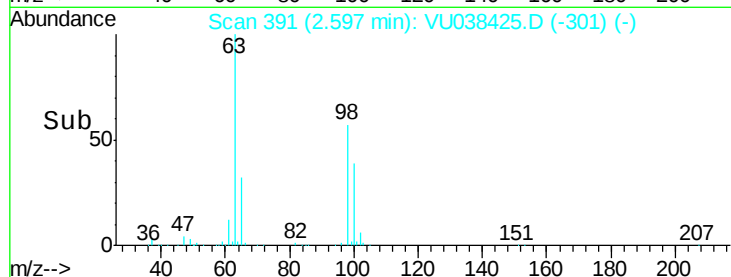
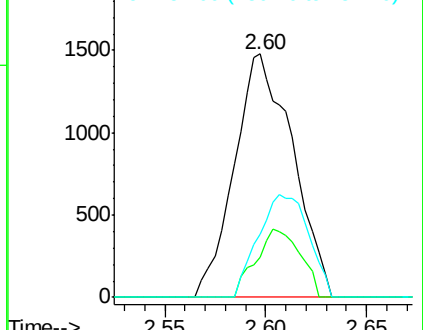
151 36.3 56.9 85.3#



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: 6.327 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU038425.D

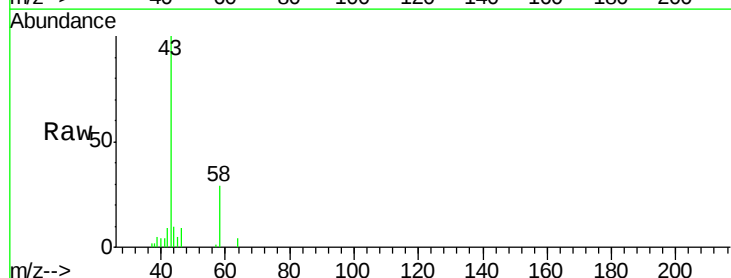
Acq: 30 May 2020 19:52

Tgt Ion: 43 Resp: 26790

Ion Ratio Lower Upper

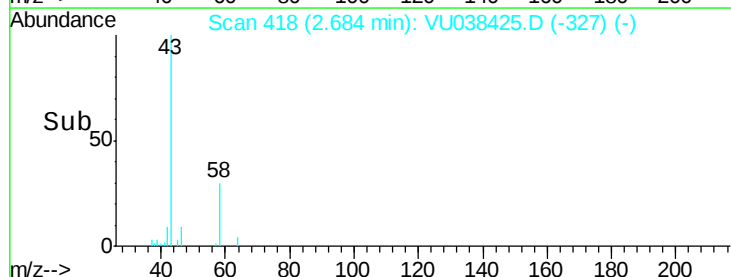
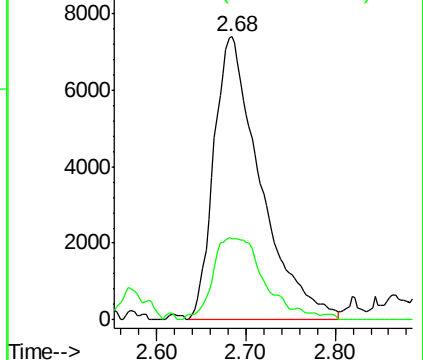
43 100

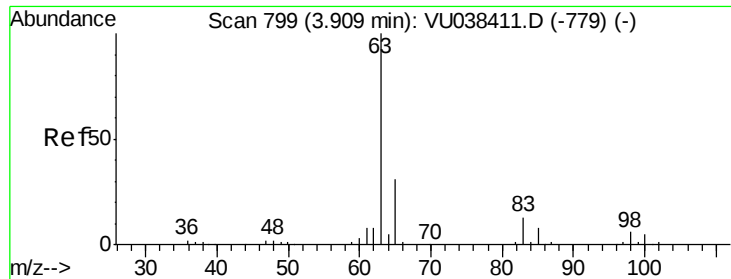
58 30.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

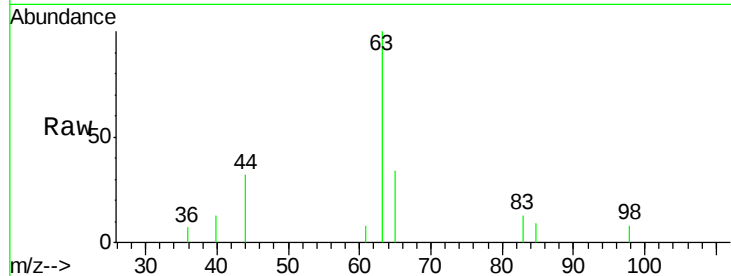




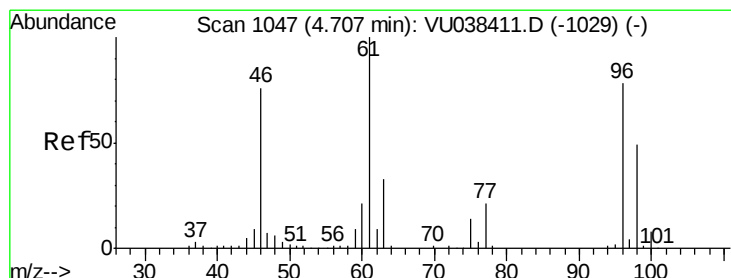
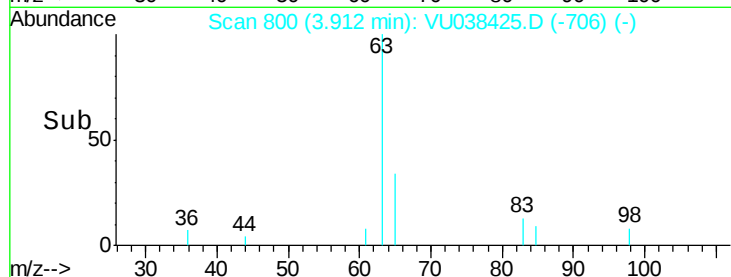
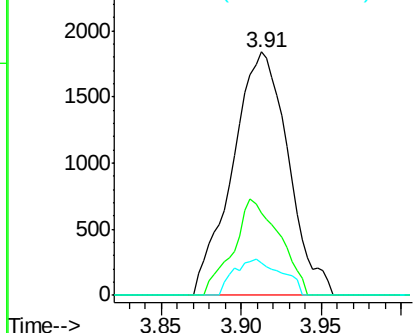
#19
 1,1-Dichloroethane
 Concen: 0.113 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038425.D
 Acq: 30 May 2020 19:52

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Tot Ion: 63 Resp: 4399
 Ion Ratio Lower Upper
 63 100
 65 33.6 22.3 41.5
 83 13.2 10.4 19.4

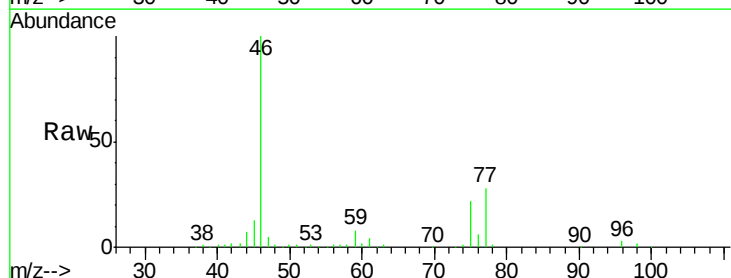


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

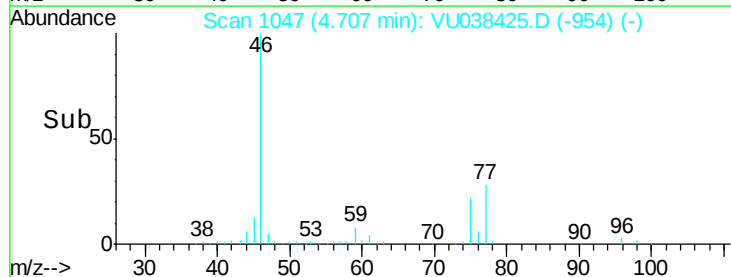
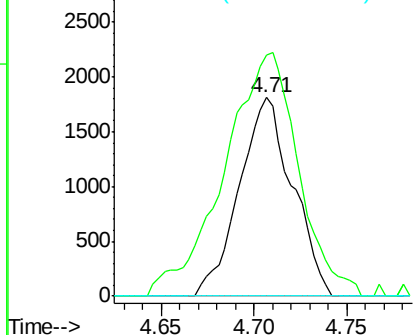


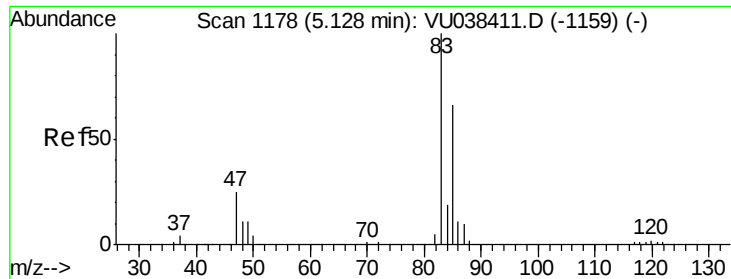
#22
 cis-1,2-Dichloroethene
 Concen: 0.154 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038425.D
 Acq: 30 May 2020 19:52

Tgt Ion: 96 Resp: 3616
 Ion Ratio Lower Upper
 96 100
 61 121.5 94.0 174.6
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

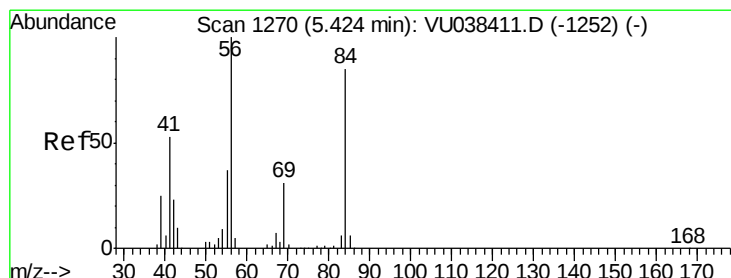
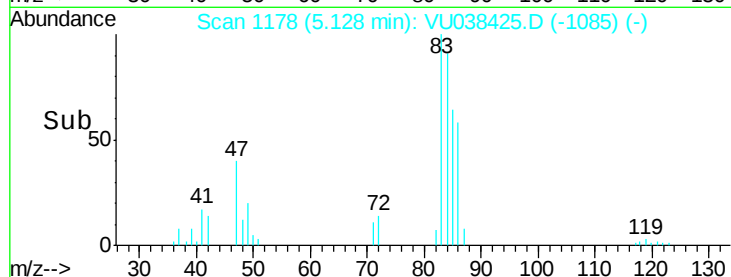
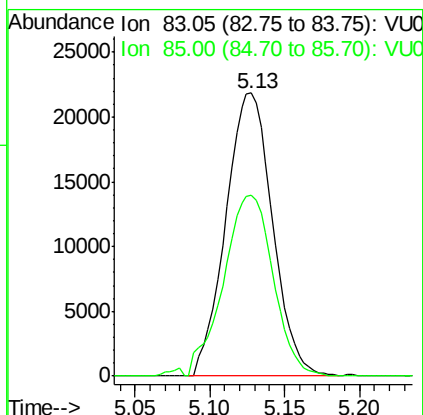
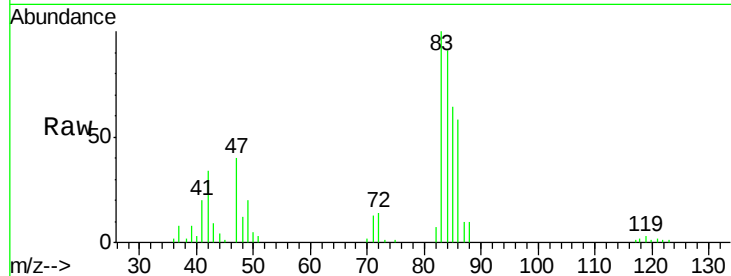




#25
Chloroform
Concen: 1.196 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038425.D
Acq: 30 May 2020 19:52

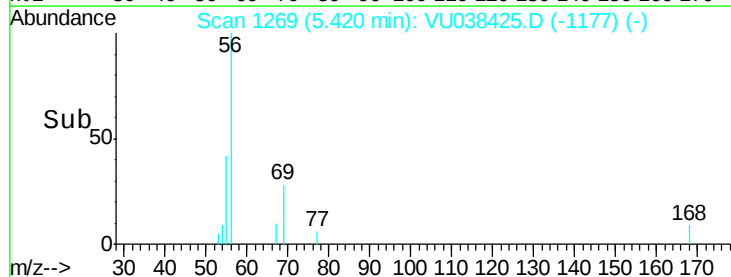
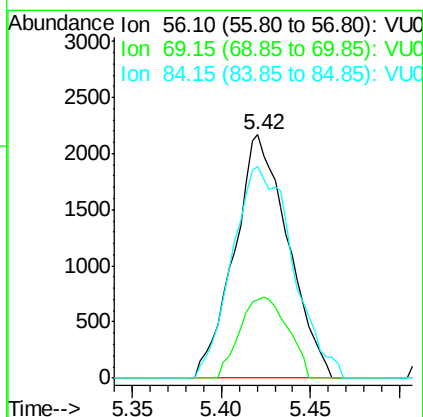
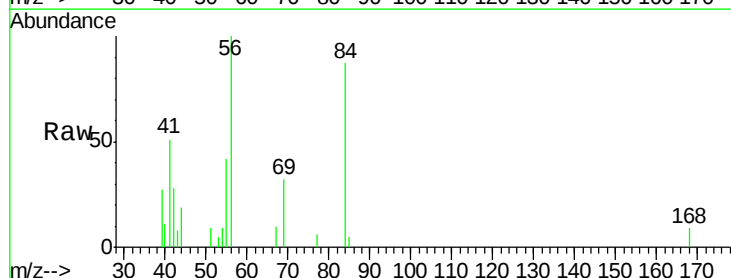
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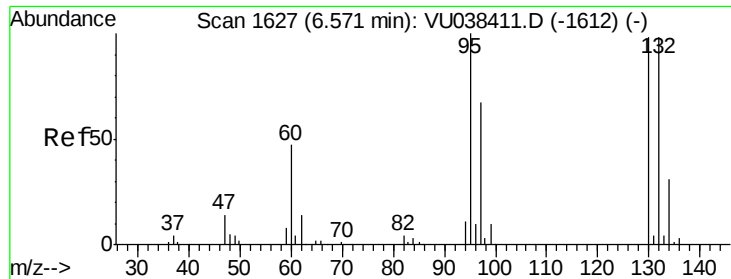
Tot Ion: 83 Resp: 47500
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5



#30
Cyclohexane
Concen: 0.128 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038425.D
Acq: 30 May 2020 19:52

Tgt Ion: 56 Resp: 4543
Ion Ratio Lower Upper
56 100
69 29.6 24.2 36.4
84 98.3 70.8 106.2

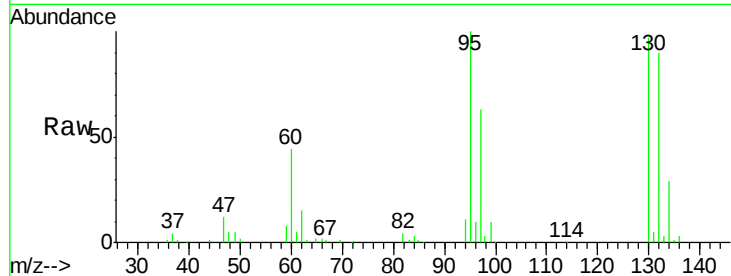




#34
 Trichloroethene
 Concen: 3.346 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038425.D
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 MSVOA_U
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Tot Ion:	95	Resp:	77734
Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.8	87.0
132	90.4	66.1	122.7
130	96.9	70.0	130.0



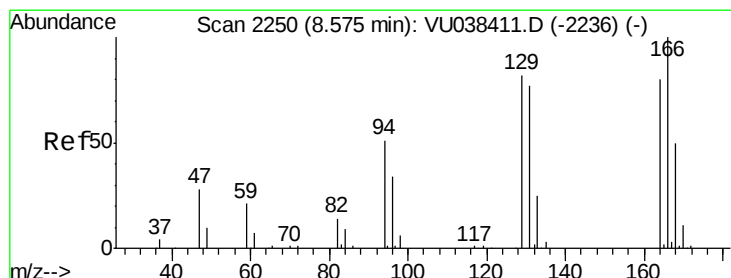
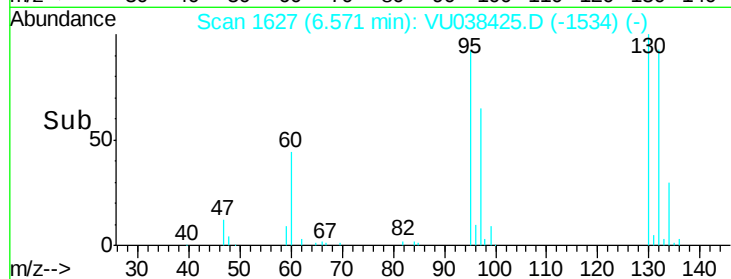
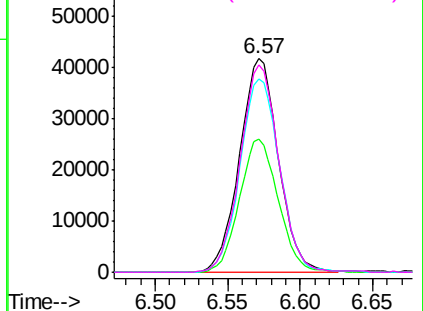
Abundance

Ion 95.00 (94.70 to 95.70): VU038425.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038425.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038425.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038425.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 0.193 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038425.D
 Acq: 30 May 2020 19:52

Tgt Ion:	164	Resp:	3258
Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.4	125.2
131	100.0	64.1	119.1
166	127.8	85.7	159.1

Abundance

Ion 163.90 (163.60 to 164.60): VU038425.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038425.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038425.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038425.D (-2157) (-)

