

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110320\
 Data File : VU041085.D
 Acq On : 03 Nov 2020 18:08
 Operator : SY/MD
 Sample : L4575-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA2

Quant Time: Nov 04 02:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	48829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	50618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16935	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.93	69	14181	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	24771	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.65	46	74159	54.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.80%
24) Chloroform-d	5.08	84	34016	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	21844	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	61451	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.70	67	22124	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	50095	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.19	79	8662	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	52646	51.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19652	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	19078	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

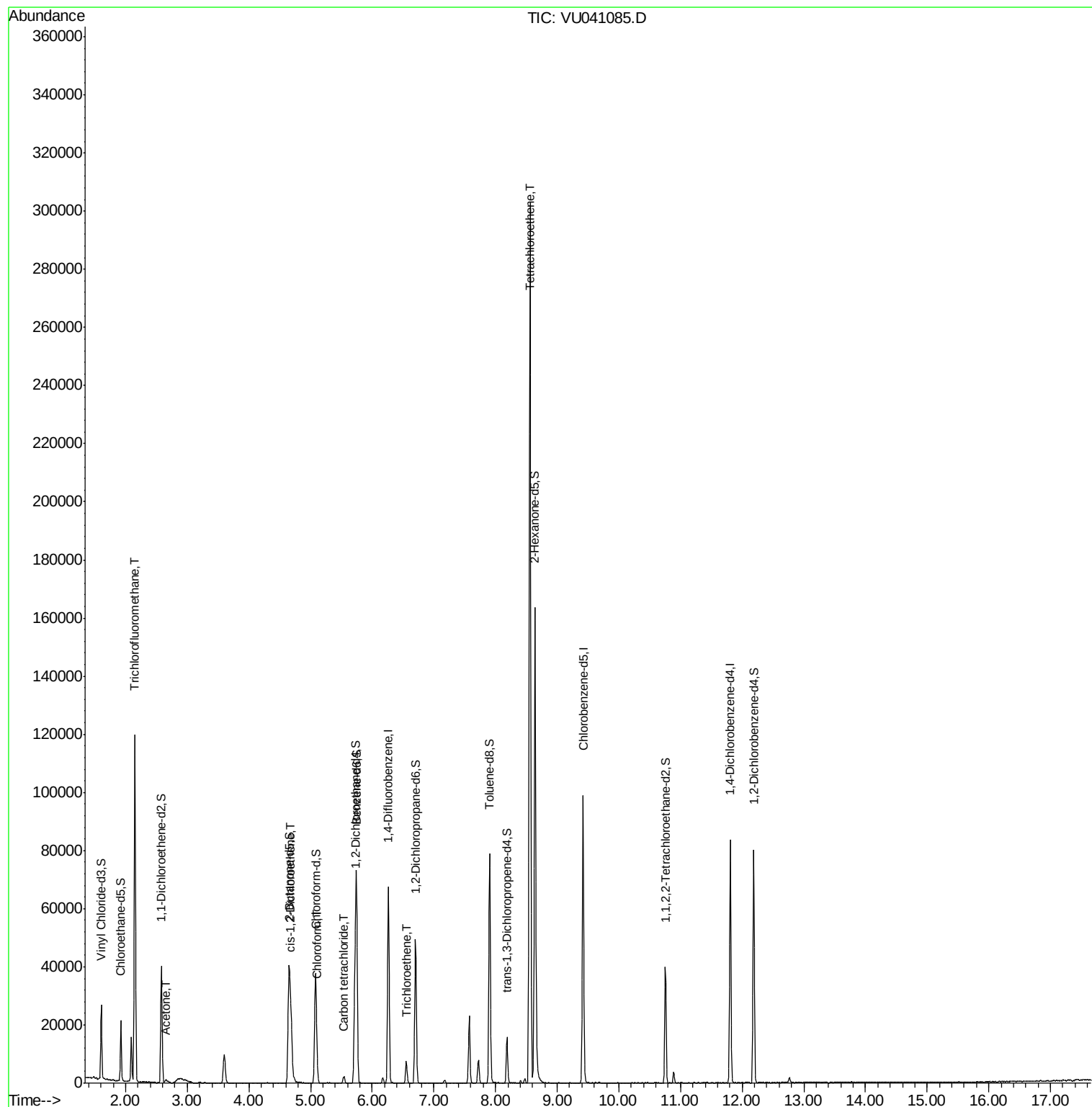
					Ovalue
9) Trichlorofluoromethane	2.15	101	74390	11.935 ug/L	99
13) Acetone	2.66	43	2026	2.194 ug/L	80
22) cis-1,2-Dichloroethene	4.68	96	4940	1.366 ug/L	93
25) Chloroform	5.11	83	1425	0.203 ug/L	83
31) Carbon tetrachloride	5.54	117	1648	0.301 ug/L	95
34) Trichloroethene	6.55	95	2529	0.657 ug/L	98
47) Tetrachloroethene	8.56	164	60331	21.316 ug/L	97

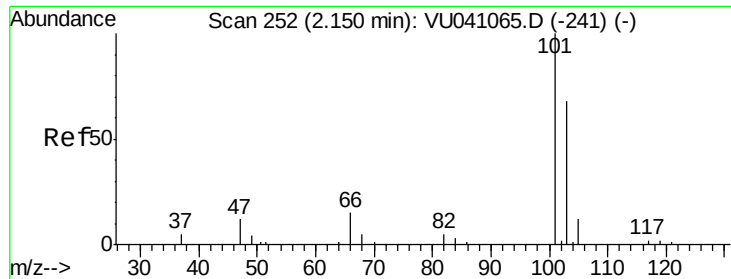
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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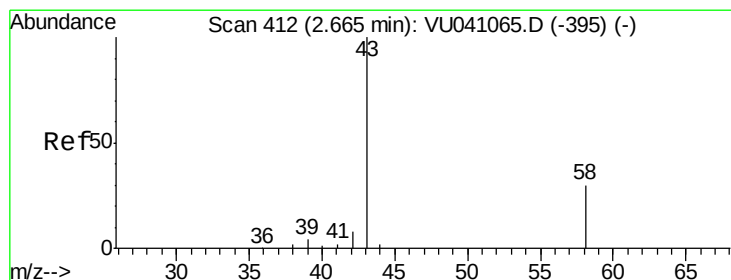
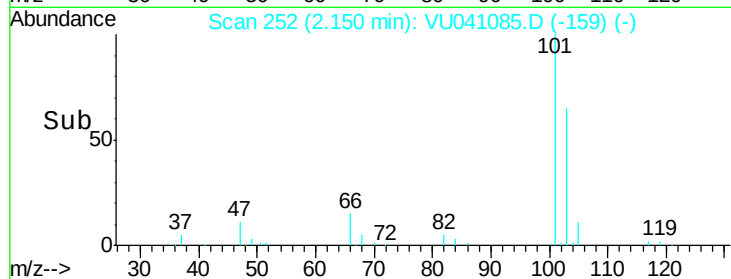
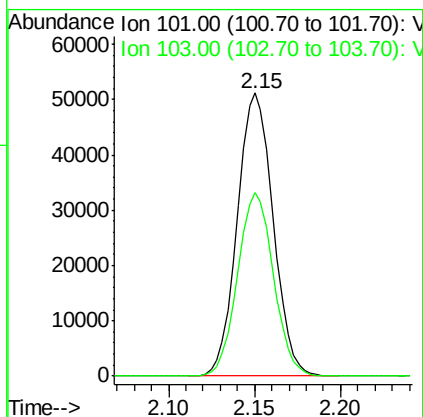
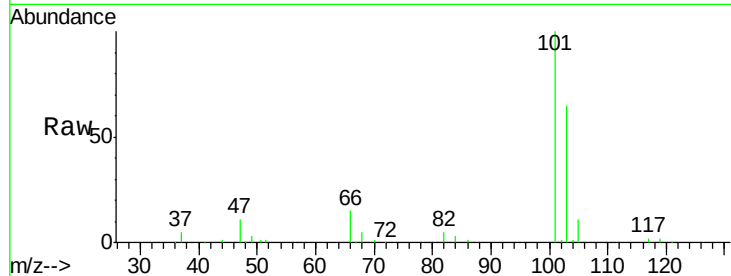


#9

Trichlorofluoromethane
 Concen: 11.935 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU041085.D
 Acq: 03 Nov 2020 18:08

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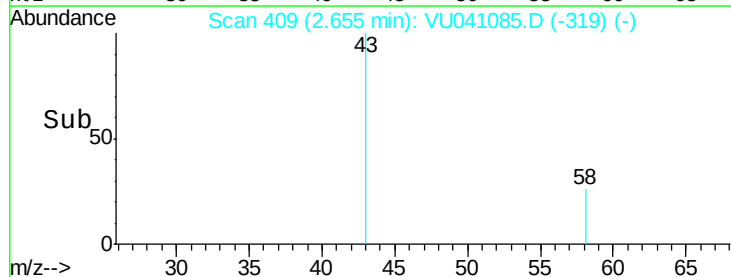
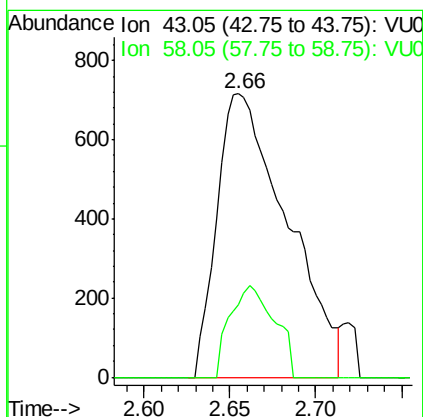
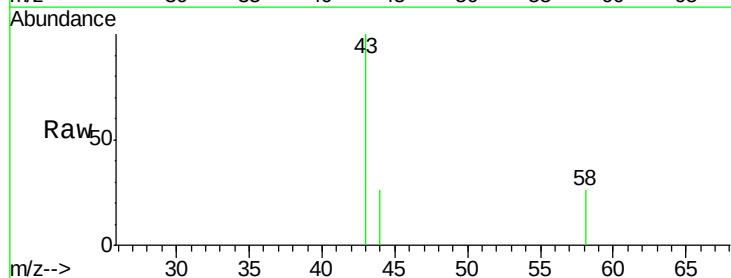
Tot Ion:101 Resp: 74390
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.4

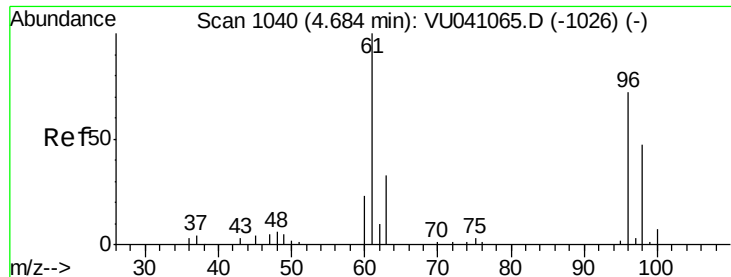


#13

Acetone
 Concen: 2.194 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VU041085.D
 Acq: 03 Nov 2020 18:08

Tgt Ion: 43 Resp: 2026
 Ion Ratio Lower Upper
 43 100
 58 20.6 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 1.366 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU041085.D

Acq: 03 Nov 2020 18:08

Instrument :

MSVOA_U

ClientSampleId :

C0AA2

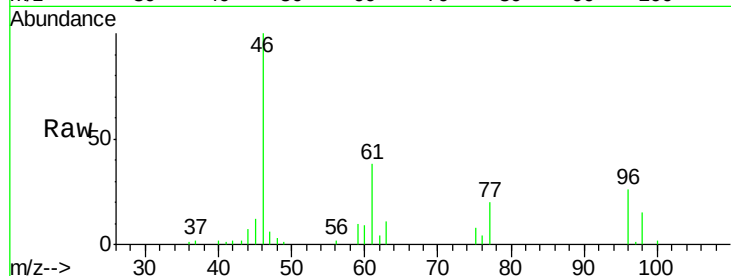
Tot Ion: 96 Resp: 4940

Ion Ratio Lower Upper

96 100

61 147.1 97.2 180.4

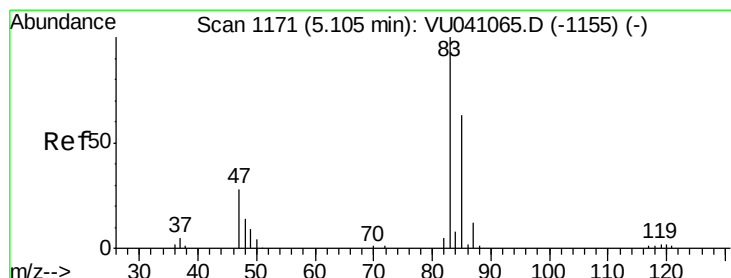
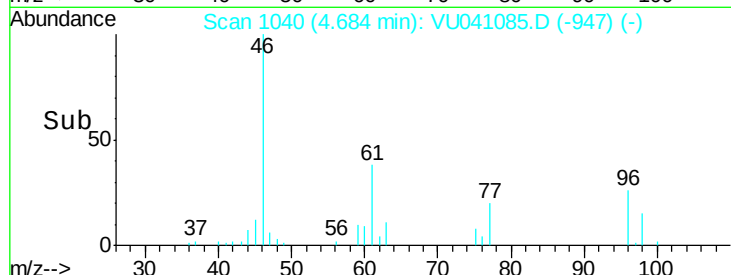
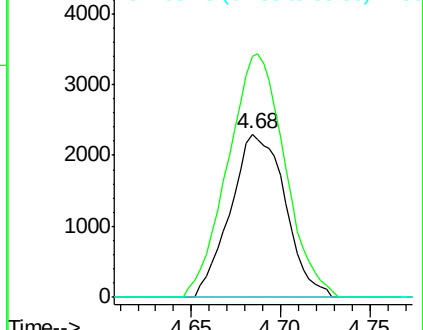
68 0.0 0.0 0.0



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: 0.203 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU041085.D

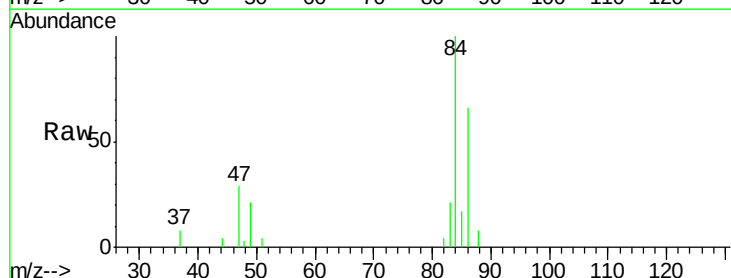
Acq: 03 Nov 2020 18:08

Tgt Ion: 83 Resp: 1425

Ion Ratio Lower Upper

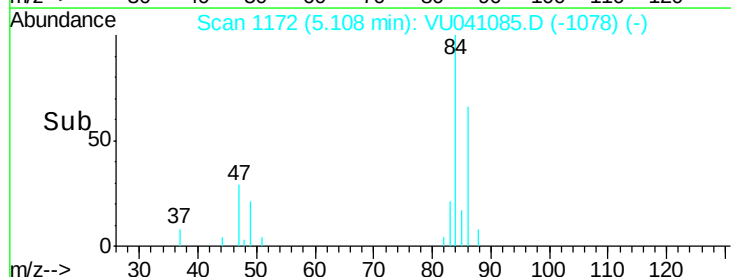
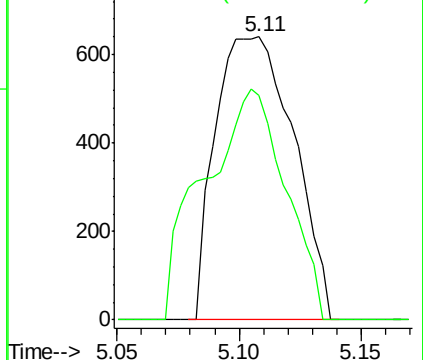
83 100

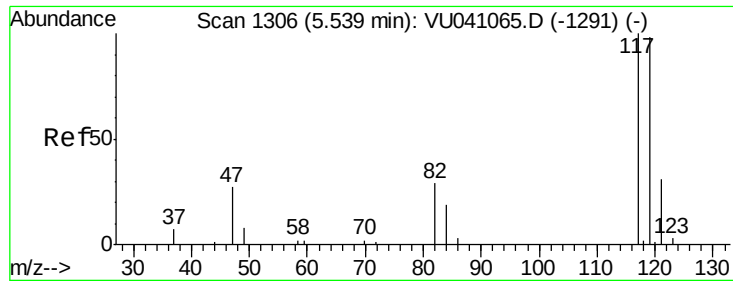
85 79.2 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

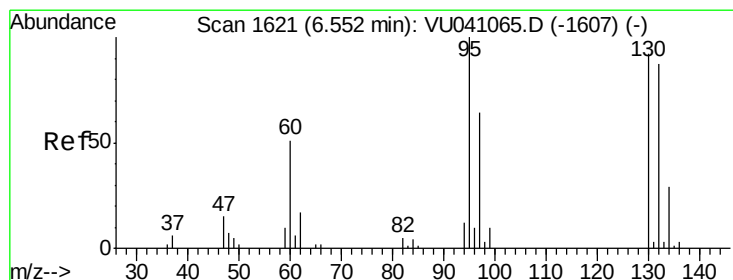
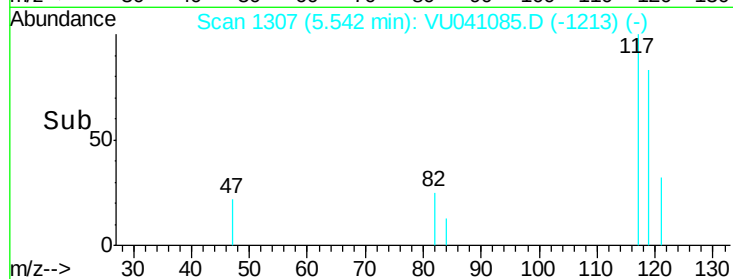
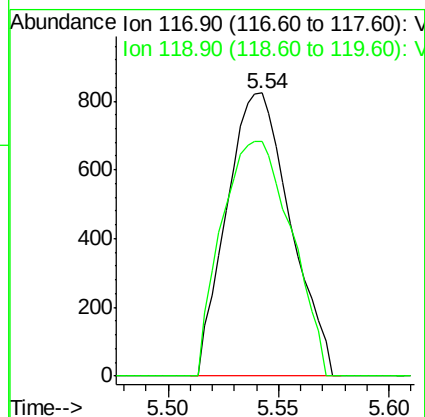
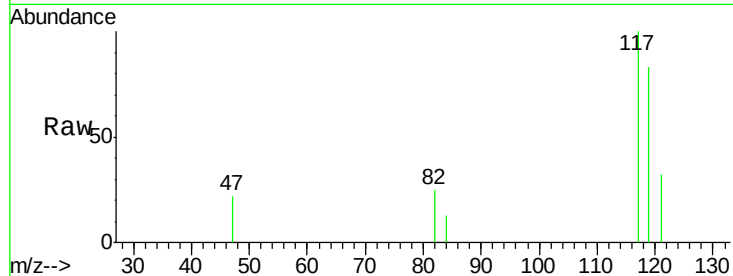




#31
Carbon tetrachloride
Concen: 0.301 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041085.D
Acq: 03 Nov 2020 18:08

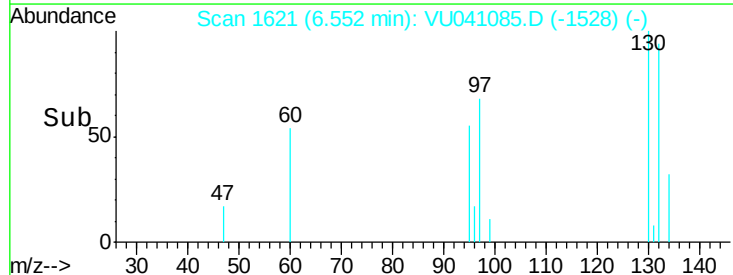
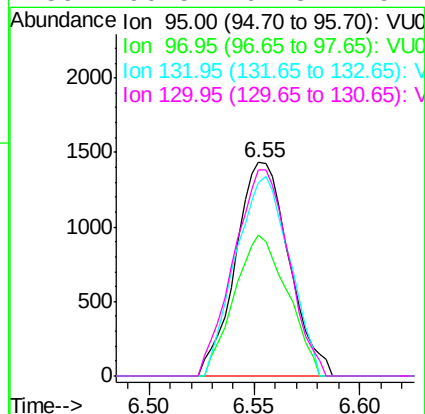
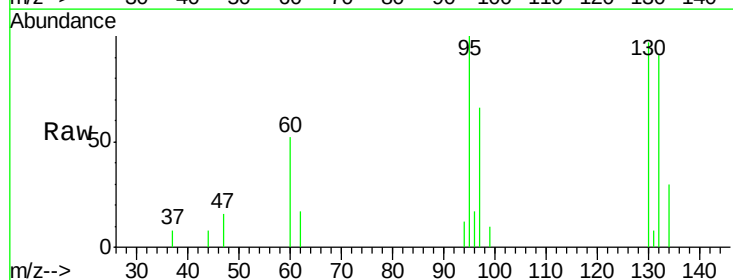
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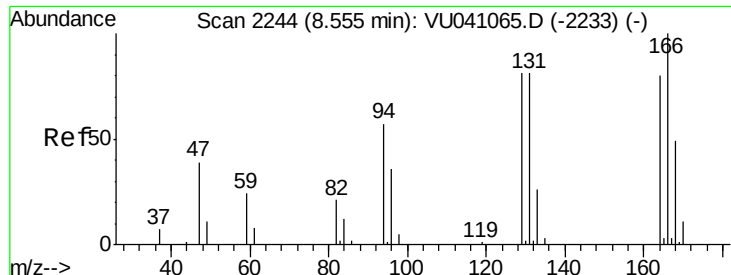
Tot Ion:117 Resp: 1648
Ion Ratio Lower Upper
117 100
119 90.6 76.1 114.1



#34
Trichloroethene
Concen: 0.657 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041085.D
Acq: 03 Nov 2020 18:08

Tgt Ion: 95 Resp: 2529
Ion Ratio Lower Upper
95 100
97 65.7 45.6 84.6
132 90.8 64.8 120.4
130 96.5 64.8 120.4





#47

Tetrachloroethene

Concen: 21.316 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041085.D

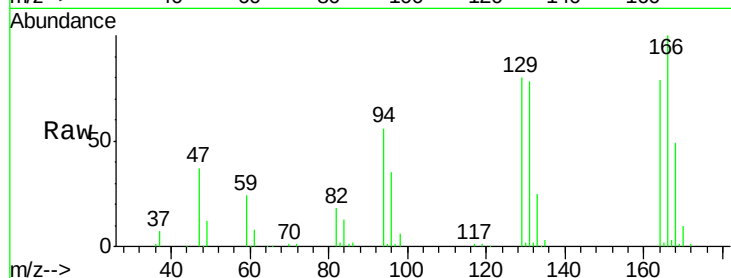
Acq: 03 Nov 2020 18:08

Instrument :

MSVOA_U

ClientSampleId :

C0AA2



Tot Ion:164 Resp: 60331

Ion Ratio Lower Upper

164 100

129 101.9 70.3 130.7

131 98.7 70.8 131.4

166 127.0 92.0 170.8

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

