

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039063.D
 Acq On : 24 Jun 2020 15:18
 Operator : SY/MD
 Sample : L3109-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F03

Quant Time: Jun 25 01:57:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	339902	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	347522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100260	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	89962	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	149504	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.67	46	395616	44.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.08%
24) Chloroform-d	5.10	84	200494	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.74	65	123229	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.76	84	382701	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.72	67	128071	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.92	98	299282	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.20	79	53535	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.65	63	323634	44.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116783	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	115091	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

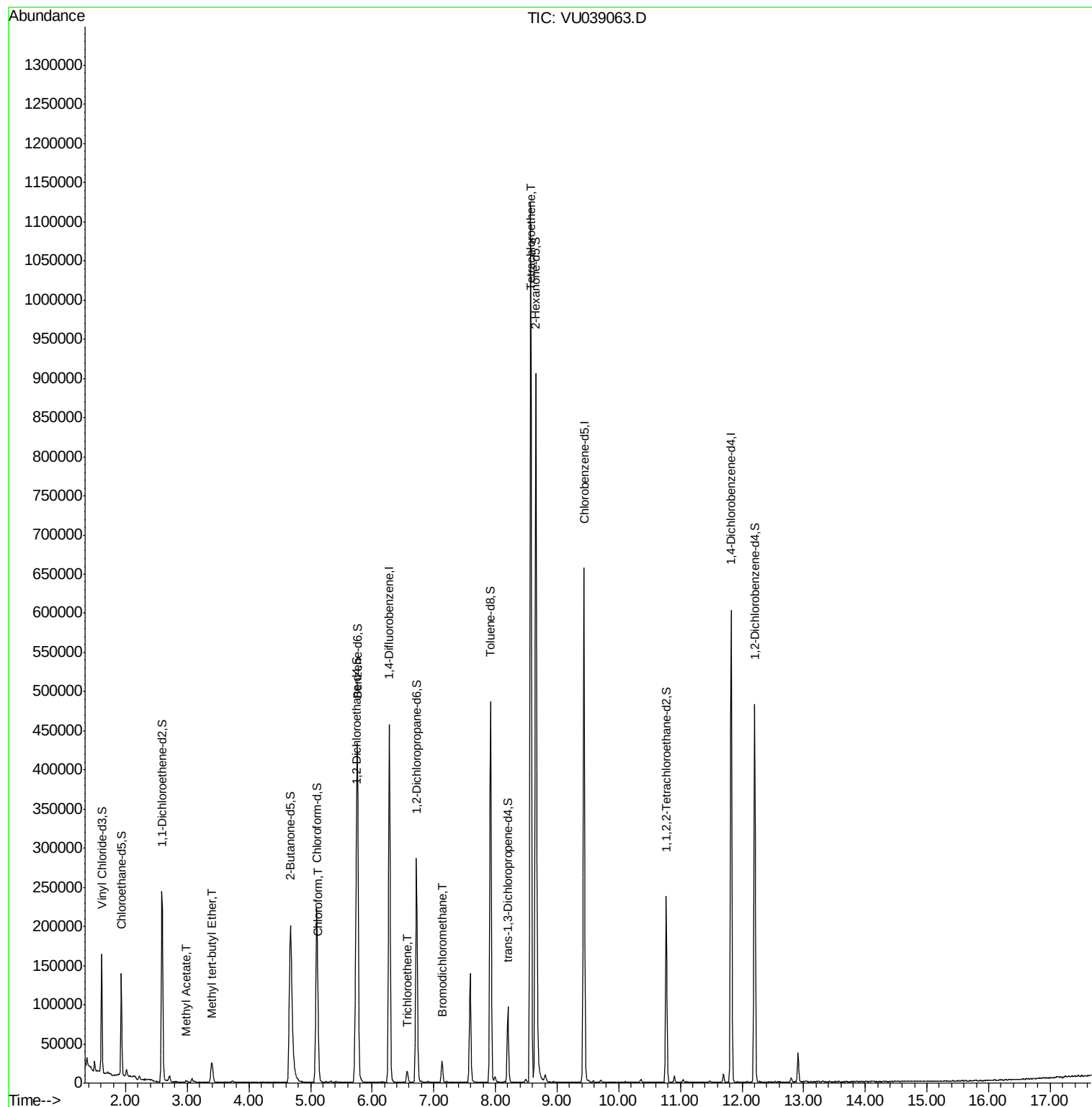
					Ovalue
15) Methyl Acetate	2.99	43	3088	0.213 ug/L	# 76
17) Methyl tert-butyl Ether	3.40	73	27170	0.405 ug/L	97
25) Chloroform	5.13	83	23255	0.462 ug/L	98
34) Trichloroethene	6.57	95	4589	0.174 ug/L	87
38) Bromodichloromethane	7.13	83	17801	0.483 ug/L	100
47) Tetrachloroethene	8.57	164	231897	12.182 ug/L	97

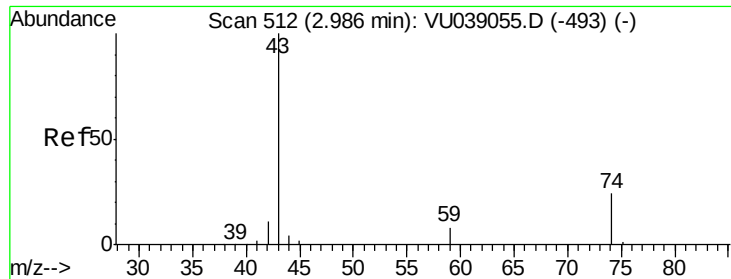
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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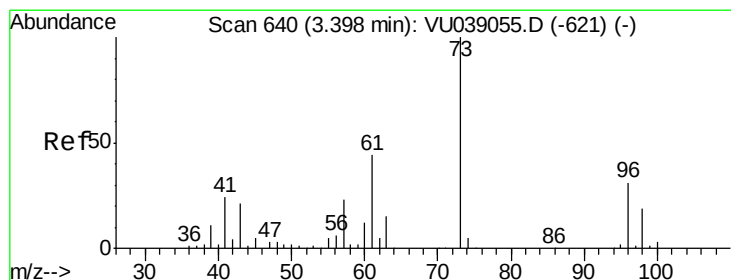
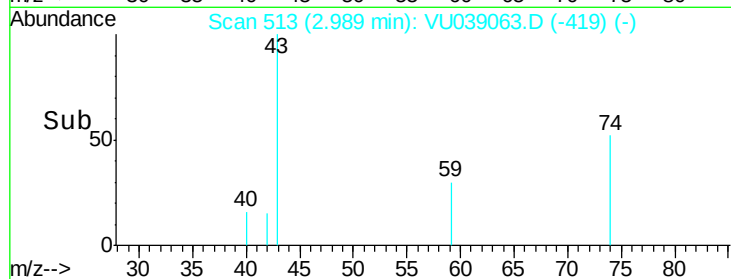
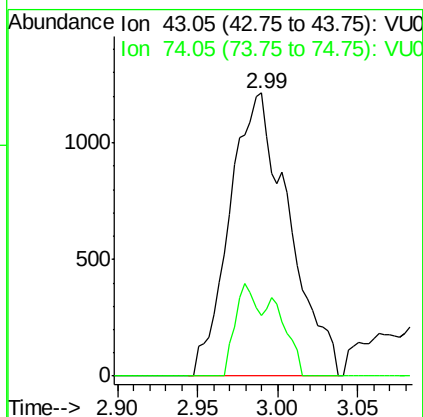
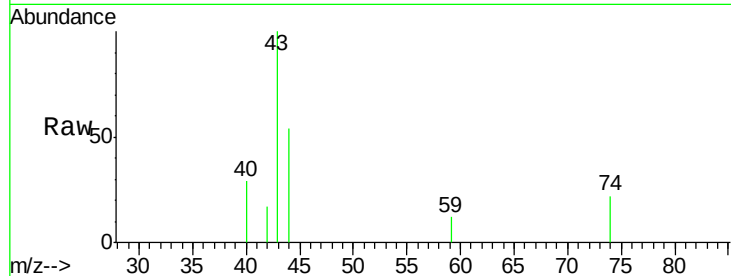




#15
Methyl Acetate
Concen: 0.213 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

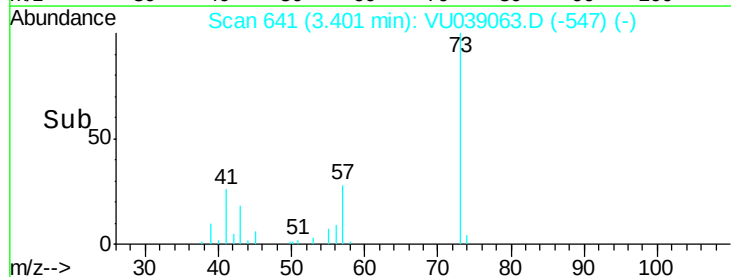
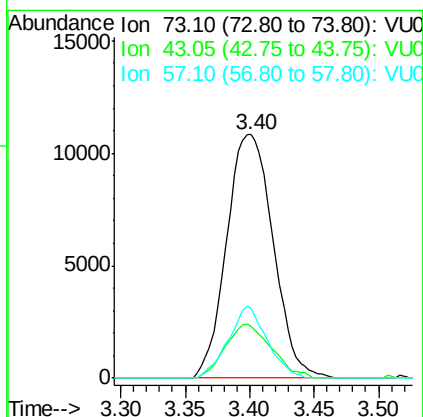
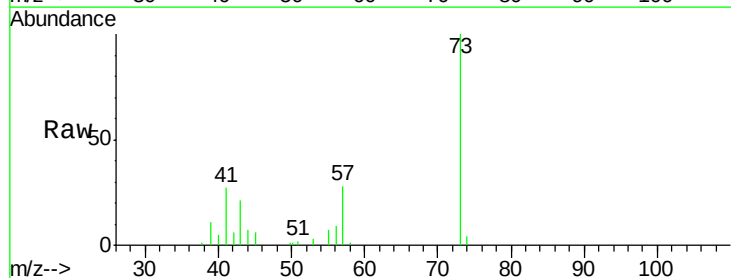
Instrument :
MSVOA_U
ClientSampleId :
F9F03

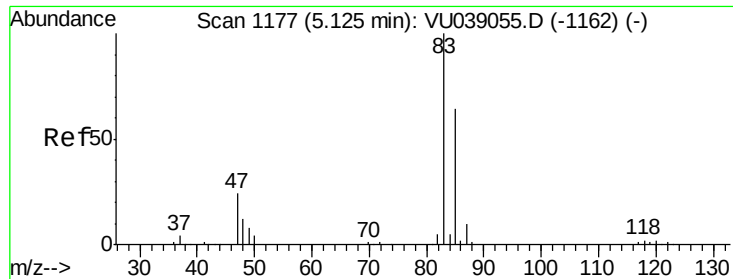
Tot Ion: 43 Resp: 3088
Ion Ratio Lower Upper
43 100
74 10.1 17.0 25.4#



#17
Methyl tert-butyl Ether
Concen: 0.405 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion: 73 Resp: 27170
Ion Ratio Lower Upper
73 100
43 22.0 16.6 24.8
57 24.6 18.2 27.4

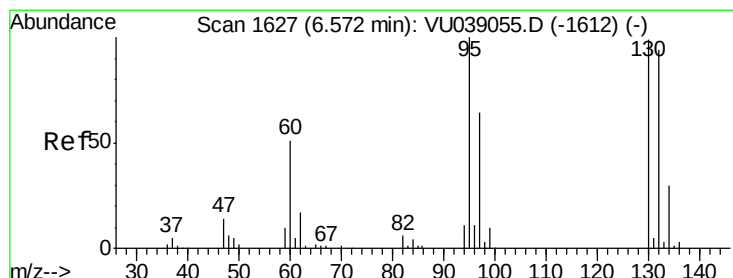
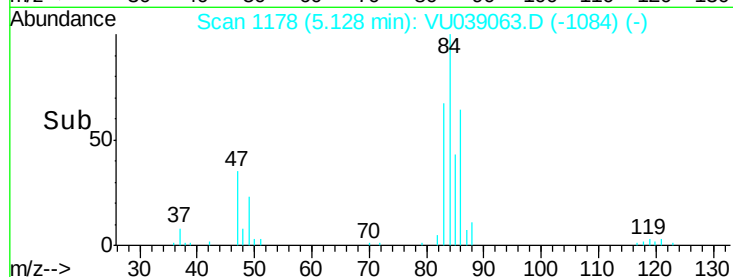
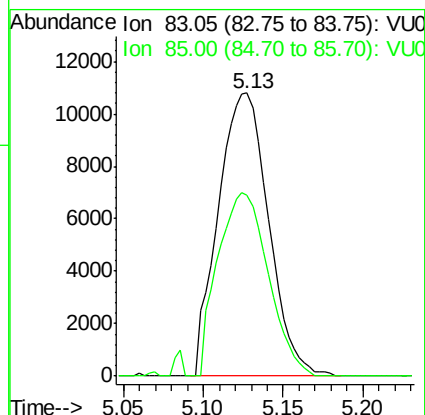
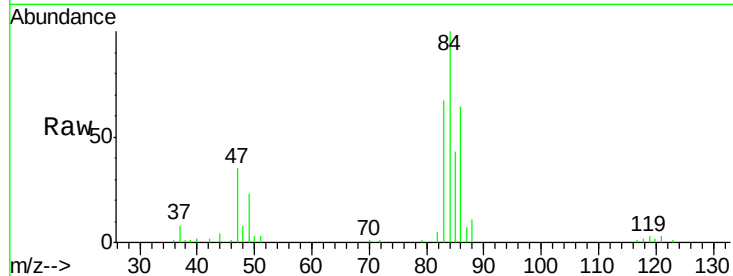




#25
Chloroform
Concen: 0.462 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

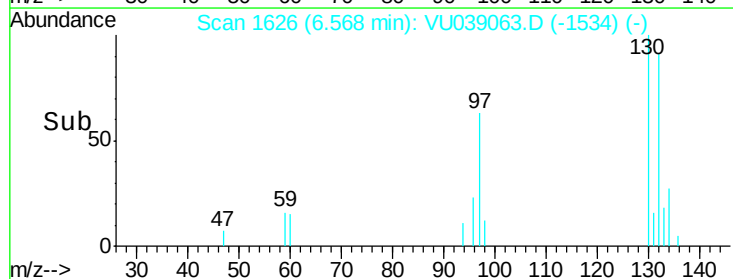
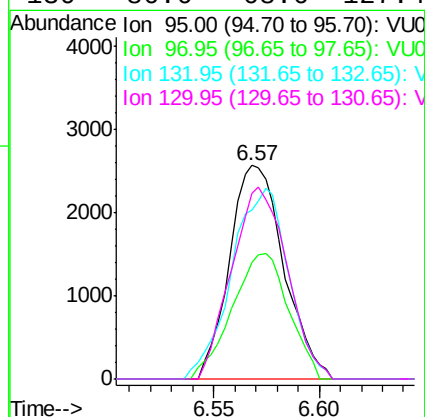
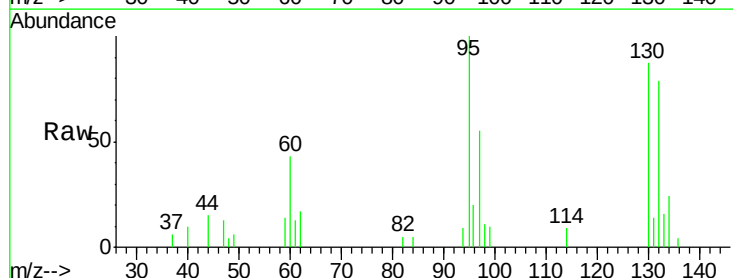
Instrument :
MSVOA_U
ClientSampleId :
F9F03

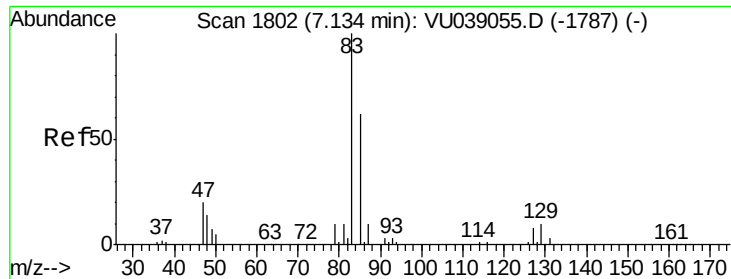
Tot Ion: 83 Resp: 23255
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.4



#34
Trichloroethene
Concen: 0.174 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion: 95 Resp: 4589
Ion Ratio Lower Upper
95 100
97 54.8 45.1 83.7
132 78.9 65.1 120.9
130 86.6 68.6 127.4

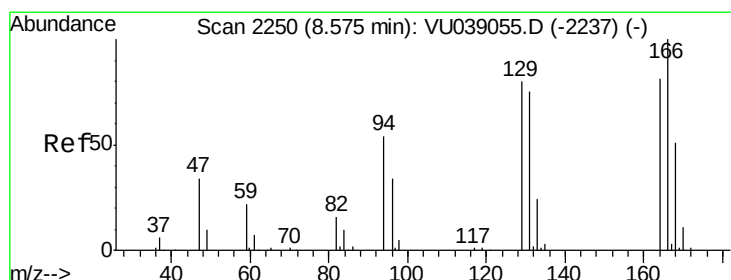
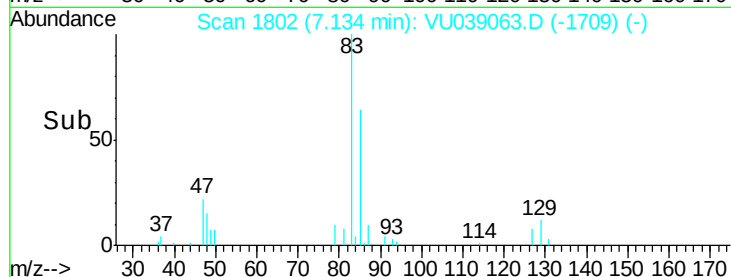
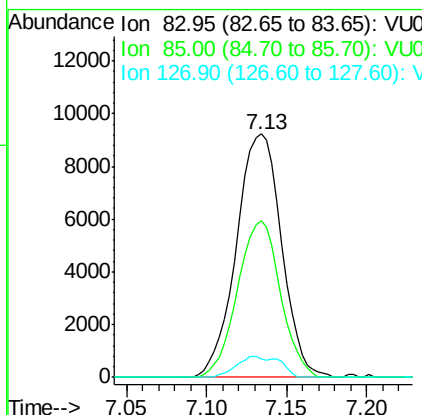
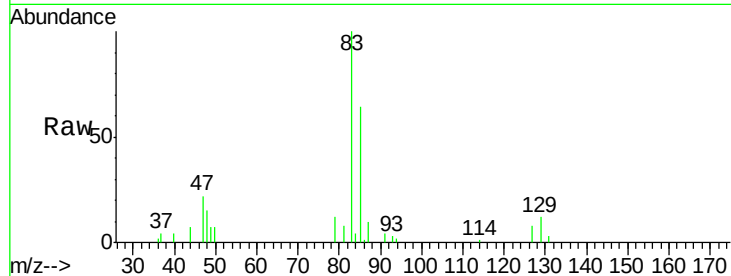




#38
Bromodichloromethane
Concen: 0.483 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Instrument :
MSVOA_U
ClientSampleId :
F9F03

Tot Ion: 83 Resp: 17801
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
127 7.7 6.3 9.5



#47
Tetrachloroethene
Concen: 12.182 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion: 164 Resp: 231897
Ion Ratio Lower Upper
164 100
129 98.5 71.3 132.5
131 95.3 68.3 126.8
166 124.8 90.8 168.6

