

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037634.D
 Acq On : 09 Apr 2020 21:25
 Operator : JC/MD
 Sample : L1885-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:16:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 03:10:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	530768	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	499412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	244365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	202238	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.18%
7) Chloroethane-d5	1.93	69	175174	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.44%
11) 1,1-Dichloroethene-d2	2.59	63	265016	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.66	46	390516	103.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.88%
24) Chloroform-d	5.10	84	342867	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
26) 1,2-Dichloroethane-d4	5.74	65	238219	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.76	84	737756	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
36) 1,2-Dichloropropane-d6	6.72	67	250554	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.92	98	665646	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	8.20	79	129704	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.12%
47) 2-Hexanone-d5	8.65	63	289966	103.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	347753	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	243402	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

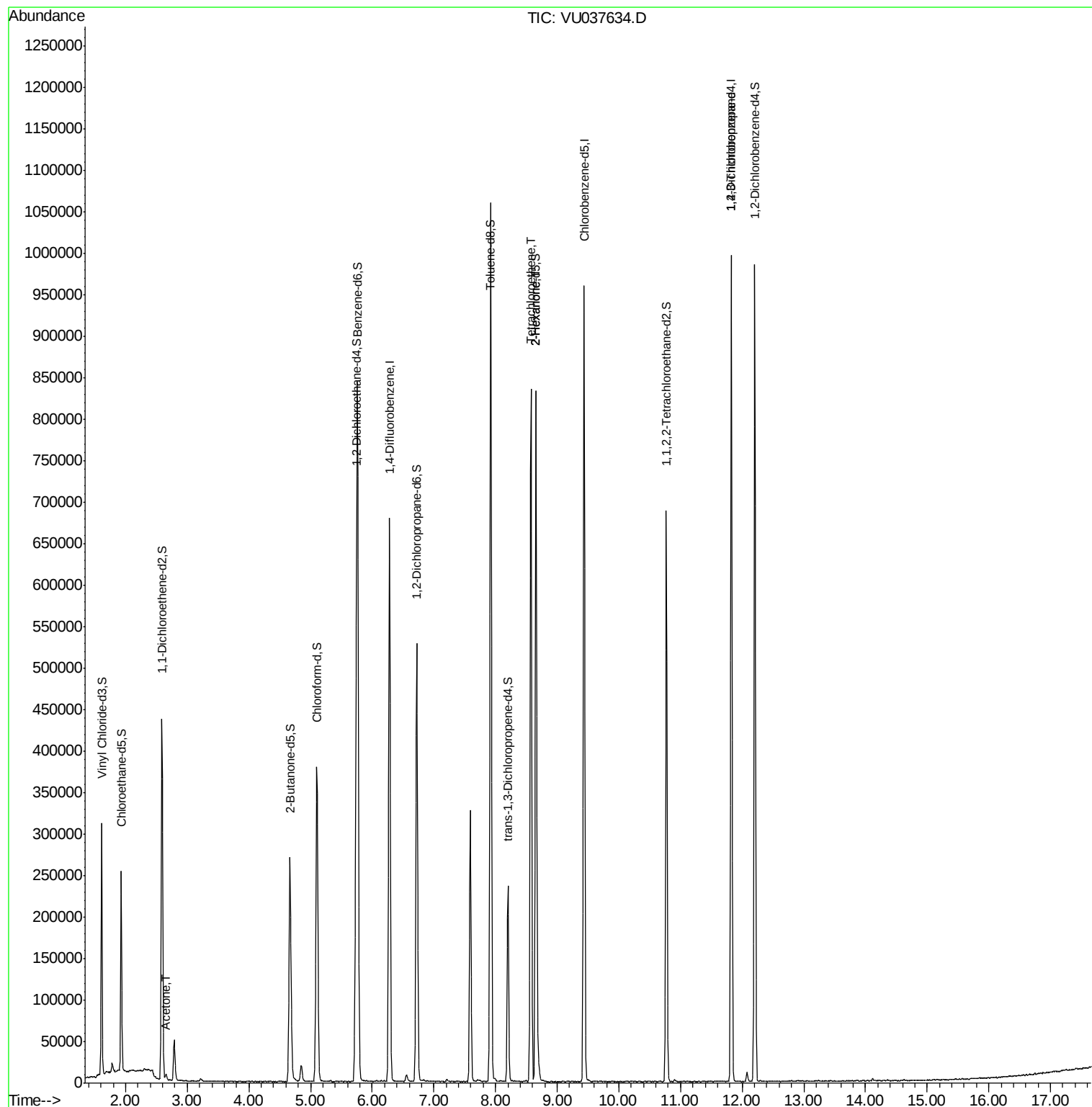
					Ovalue
13) Acetone	2.66	43	7984	3.596 ug/L	99
46) Tetrachloroethene	8.57	164	180499	64.842 ug/L	97
48) 2-Hexanone	8.65	43	33931	5.794 ug/L #	71
59) 1,2,3-Trichloropropane	11.82	75	31817	5.608 ug/L	89

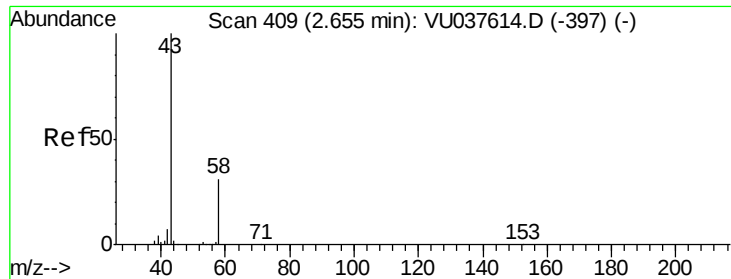
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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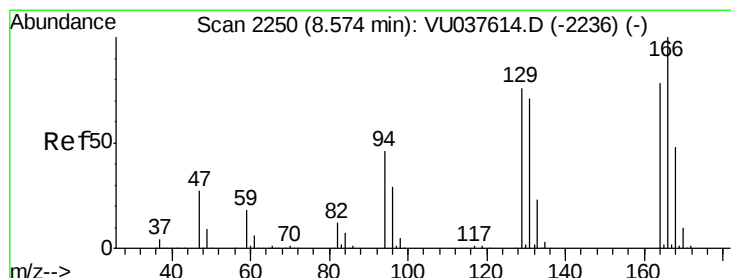
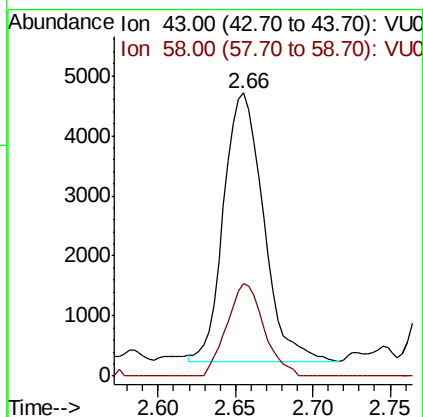
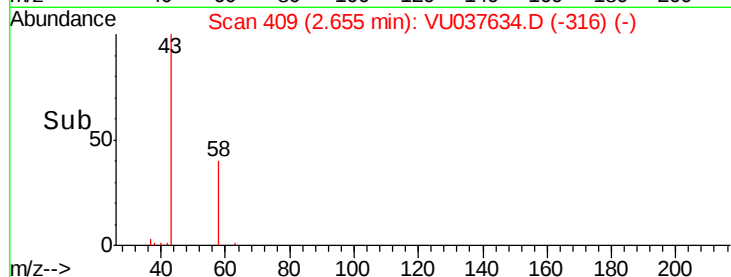
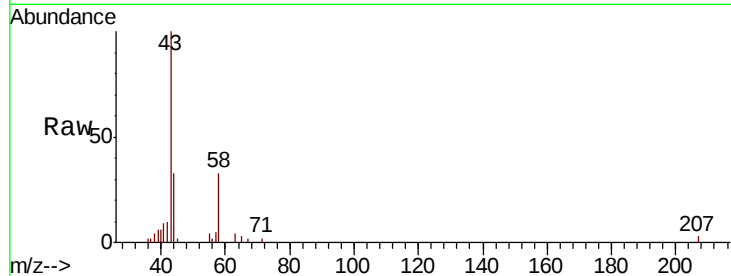




#13
Acetone
Concen: 3.596 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037634.D
Acq: 09 Apr 2020 21:25

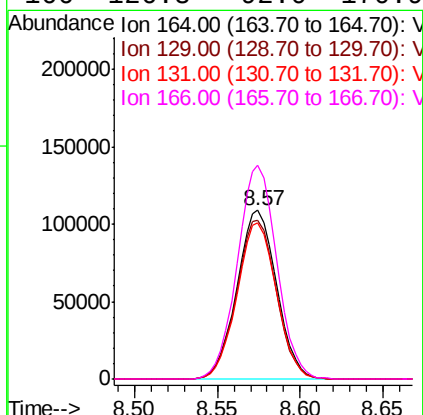
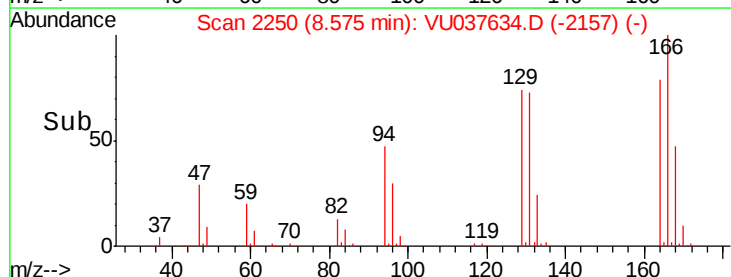
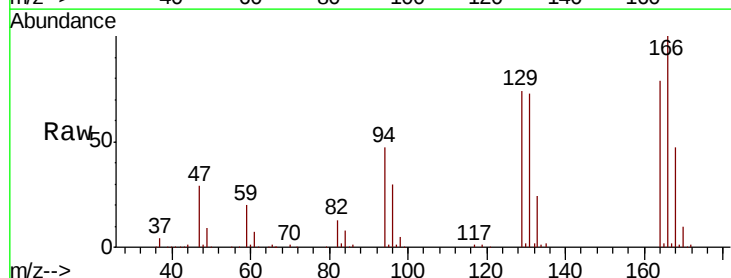
Instrument :
MSVOA_U
ClientSampled :

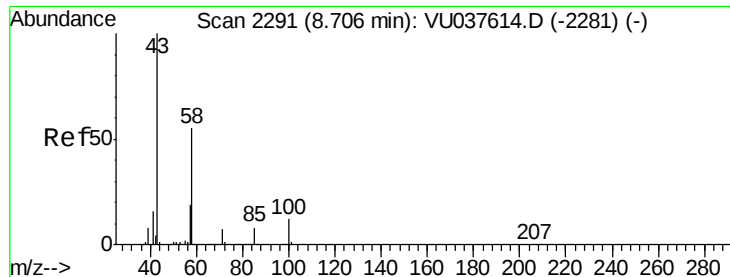
Tot Ion: 43 Resp: 7984
Ion Ratio Lower Upper
43 100
58 32.0 0.0 63.2



#46
Tetrachloroethene
Concen: 64.842 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU037634.D
Acq: 09 Apr 2020 21:25

Tgt Ion: 164 Resp: 180499
Ion Ratio Lower Upper
164 100
129 94.5 68.0 126.2
131 92.9 65.8 122.2
166 126.8 92.0 170.9

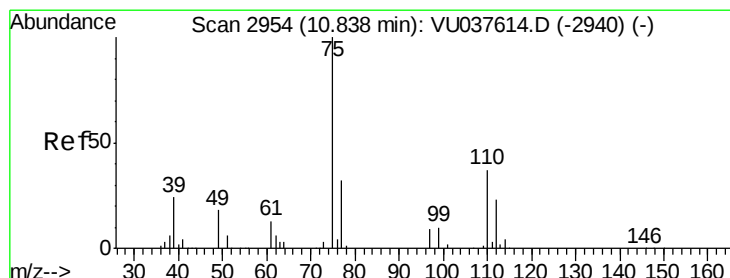
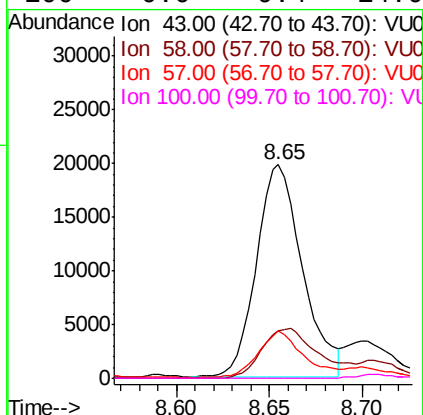
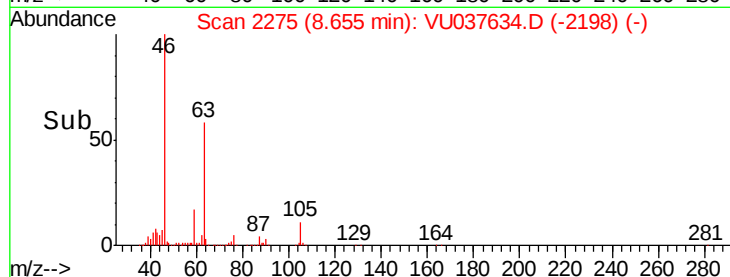
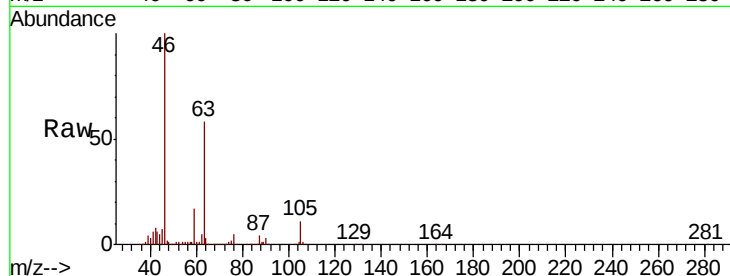




#48
 2-Hexanone
 Concen: 5.794 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
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Instrument :
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Tot Ion: 43 Resp: 33931
 Ion Ratio Lower Upper
 43 100
 58 29.5 44.0 66.0#
 57 22.9 15.2 22.8#
 100 0.0 9.4 14.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.608 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037634.D
 Acq: 09 Apr 2020 21:25

Tgt Ion: 75 Resp: 31817
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.6 38.4

