

Data File : VU036942.D
Acq On : 27 Feb 2020 14:40
Operator : JC/MD
Sample : L1686-01 20X
Misc : 7.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAW00ME

Quant Time: Feb 27 22:03:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	244142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79621	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.50%
7) Chloroethane-d5	1.92	69	76379	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.38%
11) 1,1-Dichloroethene-d2	2.59	63	107566	30.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.10%
21) 2-Butanone-d5	4.67	46	146066	101.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	5.10	84	144927	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.74	65	103137	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.76	84	319775	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
36) 1,2-Dichloropropane-d6	6.72	67	107014	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.58%
41) Toluene-d8	7.92	98	288427	44.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.08%
43) trans-1,3-Dichloropropene-	8.20	79	45999	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.54%
47) 2-Hexanone-d5	8.66	63	112387	100.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.49%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155291	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	88439	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%

Target Compounds

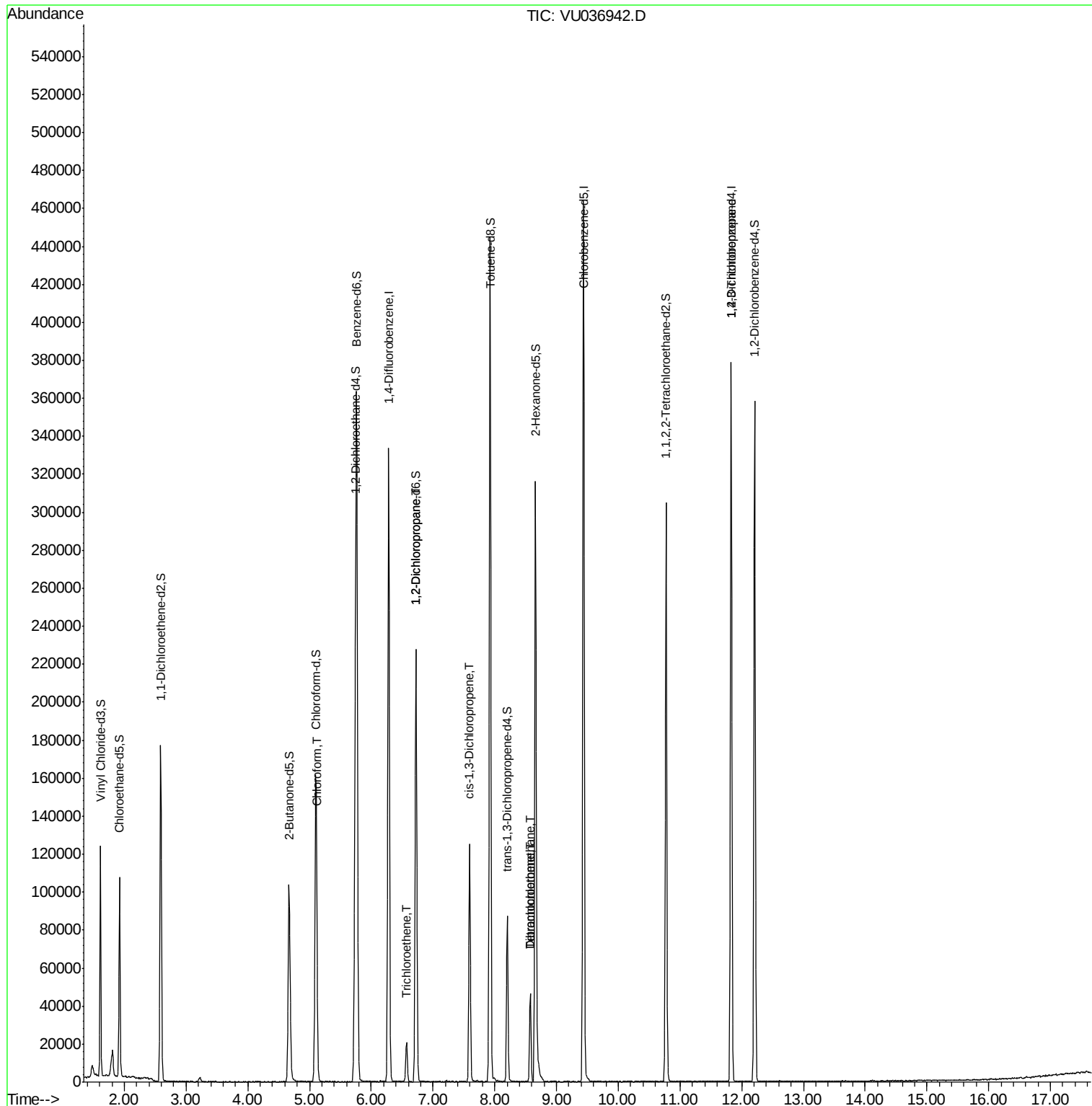
					Qvalue
25) Chloroform	5.12	83	3596	1.086 ug/L	92
34) Trichloroethene	6.57	95	6767	3.570 ug/L	91
37) 1,2-Dichloropropane	6.72	63	11510	5.542 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2918	0.912 ug/L #	51
46) Tetrachloroethene	8.57	164	9863	7.898 ug/L	94
49) Dibromochloromethane	8.57	129	9538	5.441 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	14197	5.314 ug/L	95

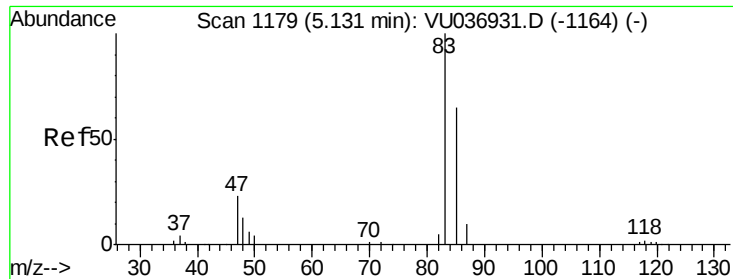
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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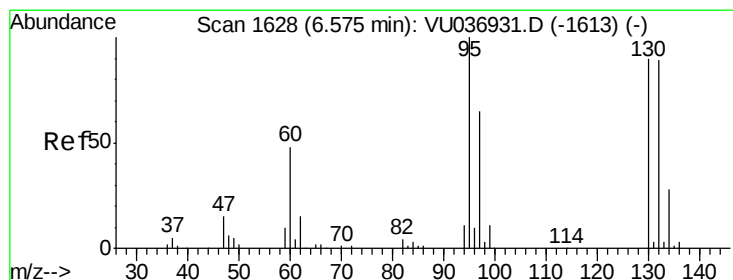
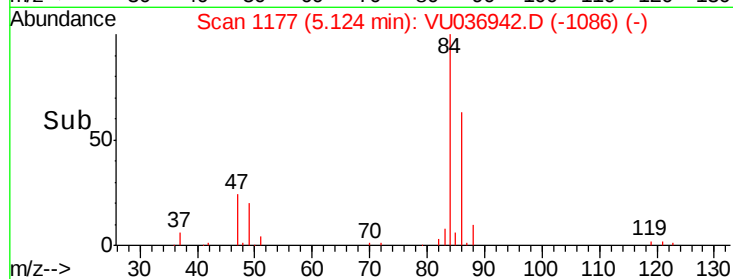
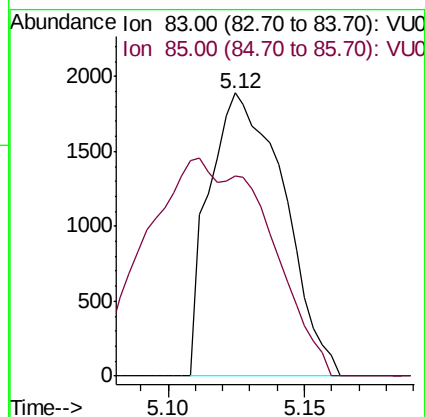
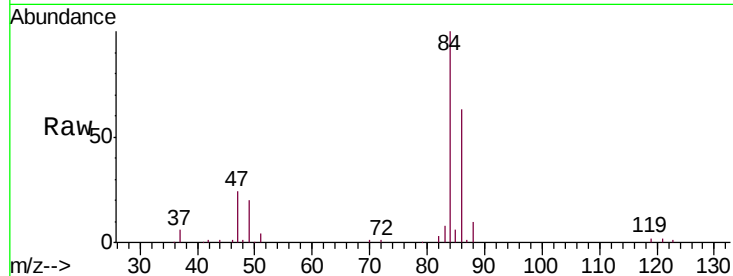




#25
Chloroform
Concen: 1.086 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VU036942.D
Acq: 27 Feb 2020 14:40

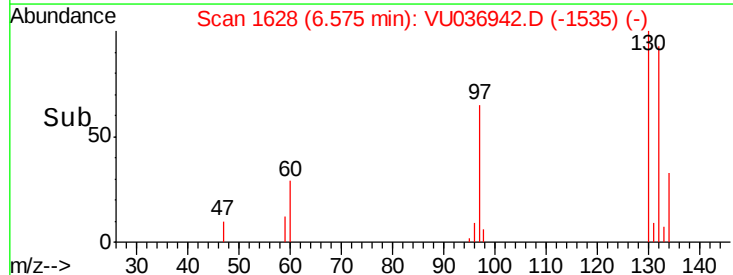
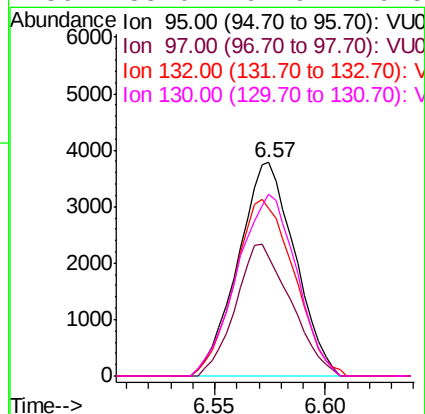
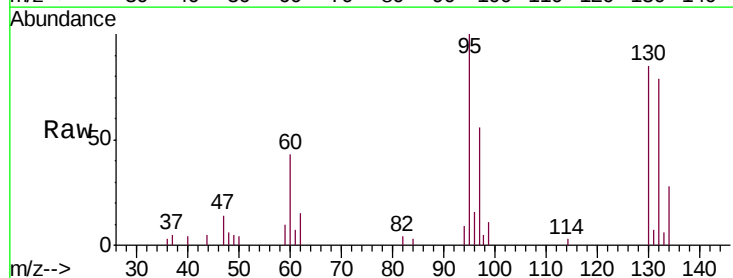
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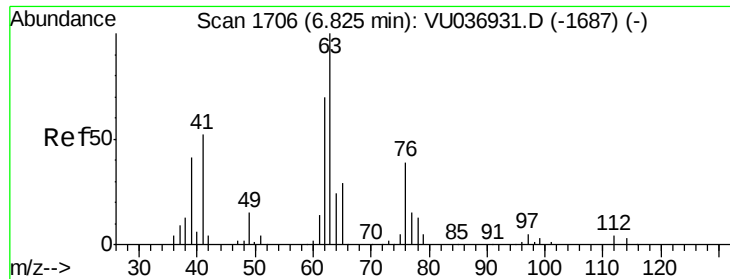
Tgt Ion: 83 Resp: 3596
Ion Ratio Lower Upper
83 100
85 70.9 45.1 83.9



#34
Trichloroethene
Concen: 3.570 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036942.D
Acq: 27 Feb 2020 14:40

Tgt Ion: 95 Resp: 6767
Ion Ratio Lower Upper
95 100
97 55.5 44.1 81.9
132 78.7 60.6 112.6
130 85.0 64.9 120.5

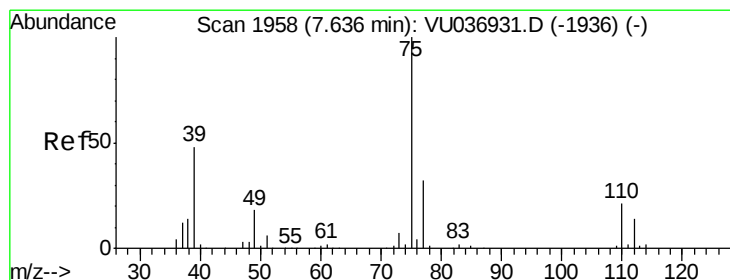
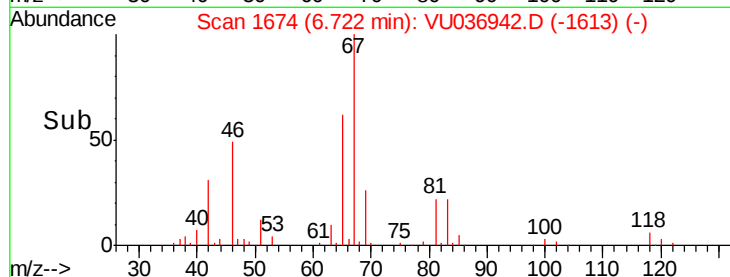
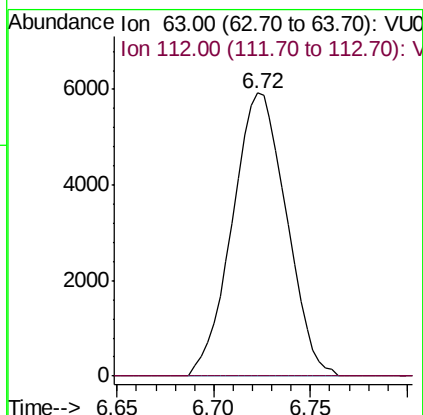
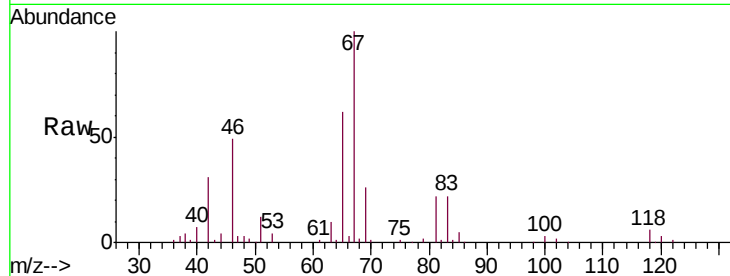




#37
 1,2-Dichloropropane
 Concen: 5.542 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036942.D
 Acq: 27 Feb 2020 14:40

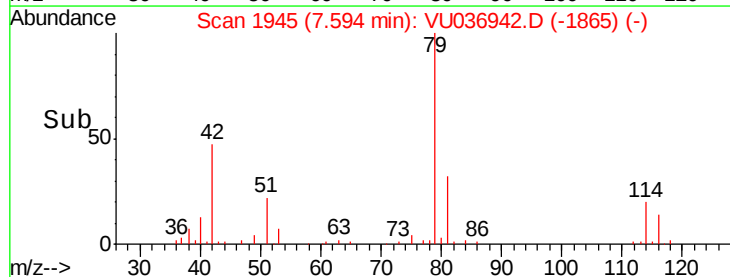
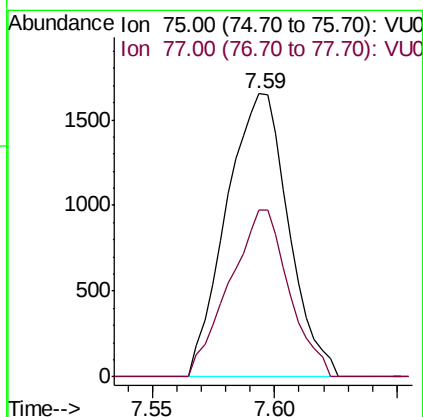
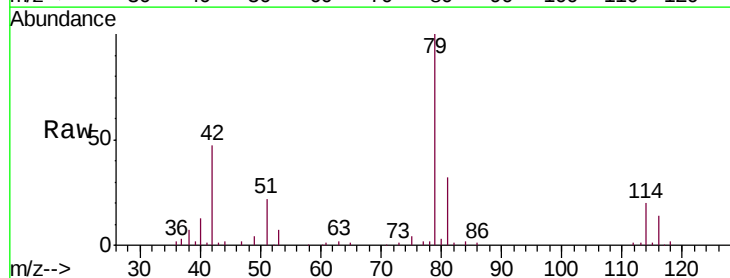
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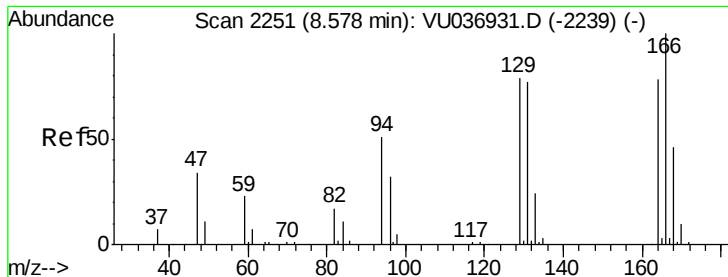
Tgt Ion: 63 Resp: 11510
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.912 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036942.D
 Acq: 27 Feb 2020 14:40

Tgt Ion: 75 Resp: 2918
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.0 41.0#

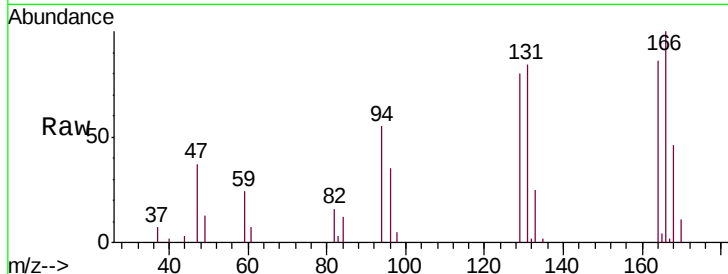




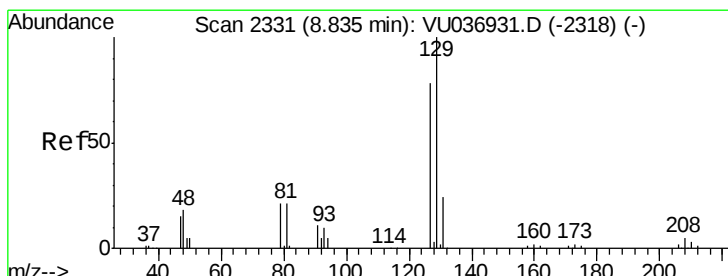
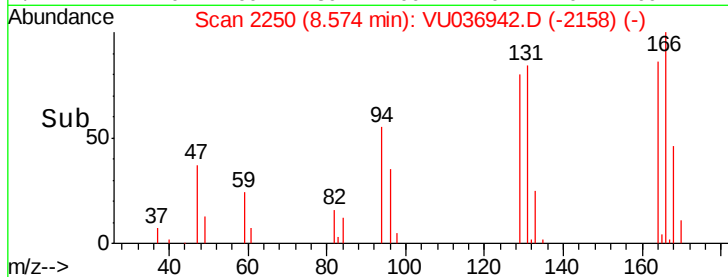
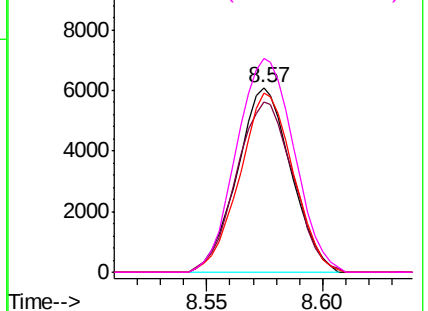
#46
Tetrachloroethene
Concen: 7.898 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU036942.D
Acq: 27 Feb 2020 14:40

Instrument :
MSVOA_U
ClientSampleId :
GAW00ME

Tgt Ion:164 Resp: 9863
Ion Ratio Lower Upper
164 100
129 92.4 72.0 133.8
131 96.8 67.9 126.1
166 115.7 87.1 161.7

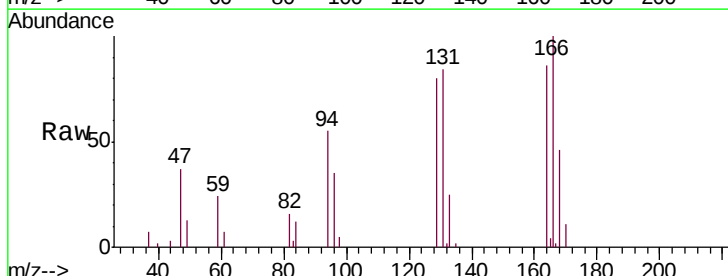


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

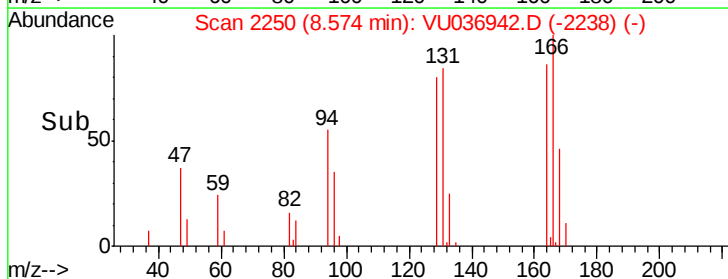
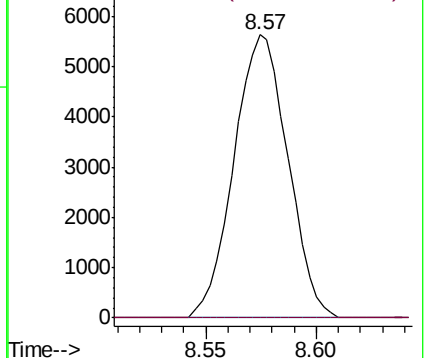


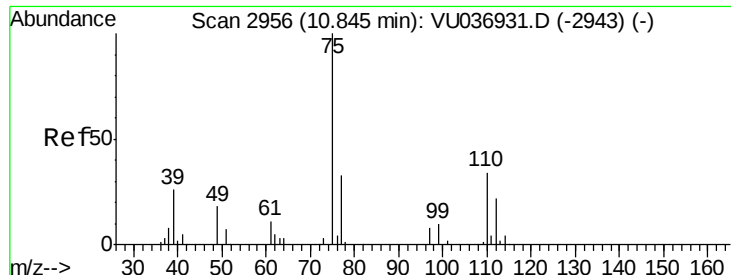
#49
Dibromochloromethane
Concen: 5.441 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU036942.D
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Tgt Ion:129 Resp: 9538
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.314 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036942.D

Acq: 27 Feb 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

GAW00ME

Tgt Ion: 75 Resp: 14197

Ion Ratio Lower Upper

75 100

77 35.6 26.2 39.2

