

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037971.D
 Acq On : 01 May 2020 00:05
 Operator : JC/MD
 Sample : L2410-07DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	679822	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	680637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	337421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	262447	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.89	69	217151	44.64	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.28%
11) 1,1-Dichloroethene-d2	2.58	63	319844	32.70	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	4.66	46	407888	87.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.27%
24) Chloroform-d	5.10	84	404734	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
26) 1,2-Dichloroethane-d4	5.74	65	292150	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
32) Benzene-d6	5.76	84	902244	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.72	67	300076	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.92	98	819909	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	8.20	79	134788	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.42%
47) 2-Hexanone-d5	8.65	63	304422	105.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	464147	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	321551	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

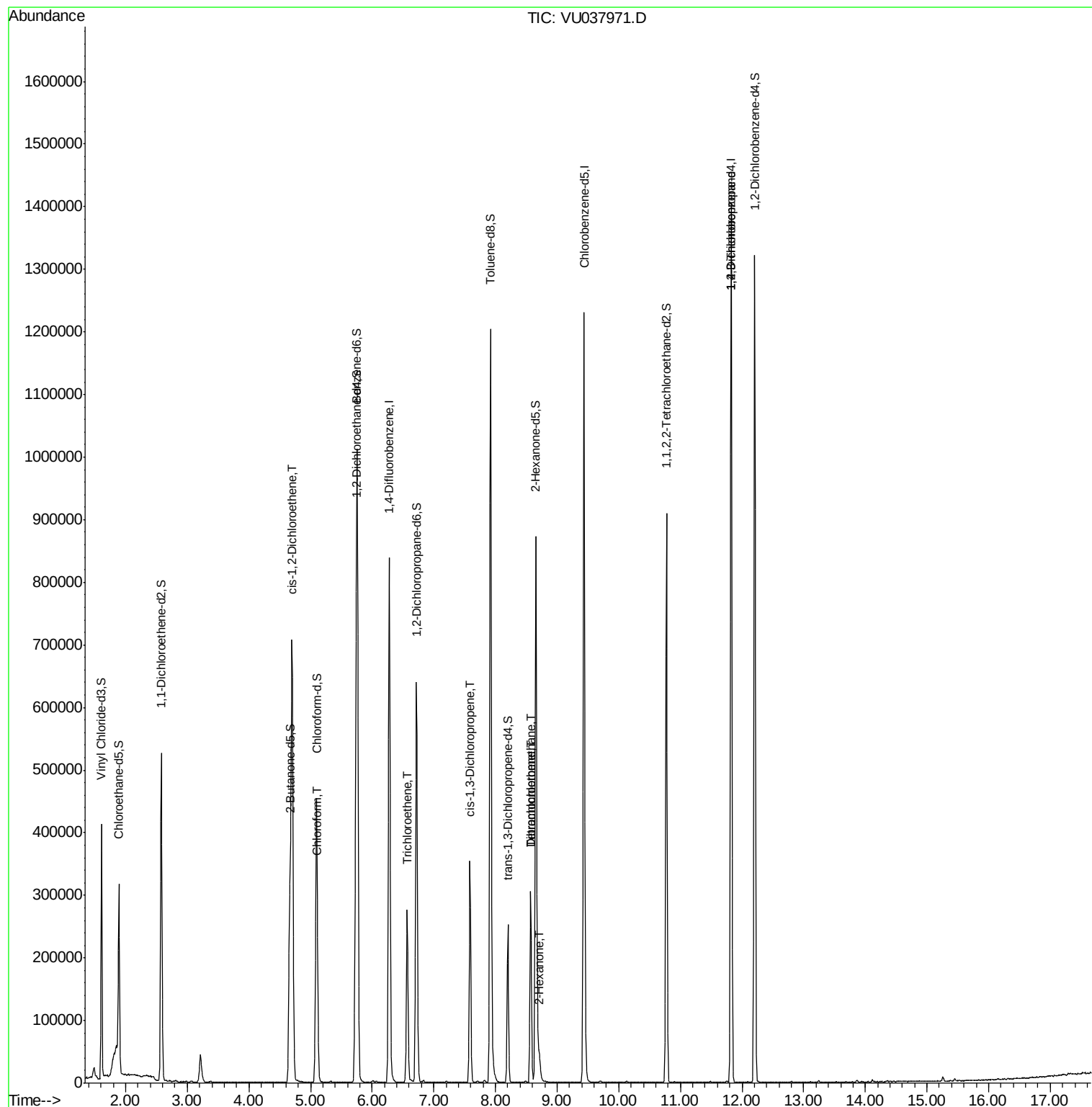
					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	326046	61.341 ug/L	96
25) Chloroform	5.12	83	9800	1.066 ug/L	95
34) Trichloroethene	6.57	95	90423	17.525 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	7877	0.903 ug/L #	70
46) Tetrachloroethene	8.57	164	65100	17.282 ug/L	97
48) 2-Hexanone	8.71	43	31325	4.124 ug/L #	86
49) Dibromochloromethane	8.57	129	65391	13.160 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	46229	5.861 ug/L	92

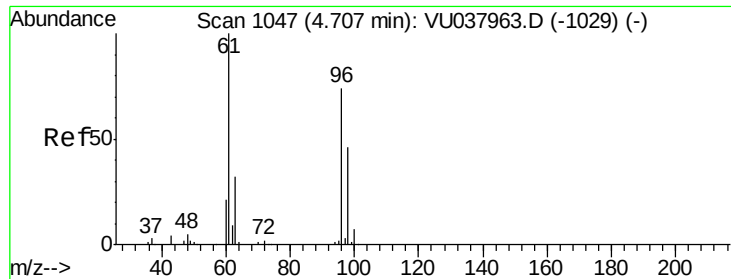
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :

Quant Time: May 01 06:15:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 06:13:06 2020
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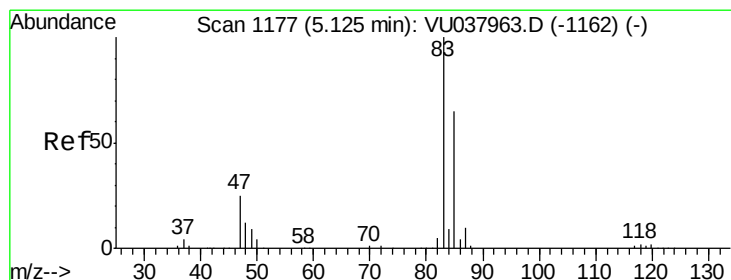
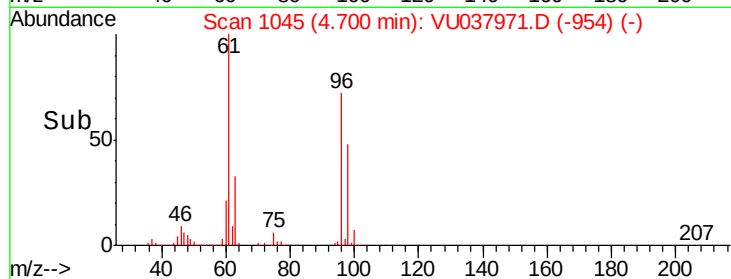
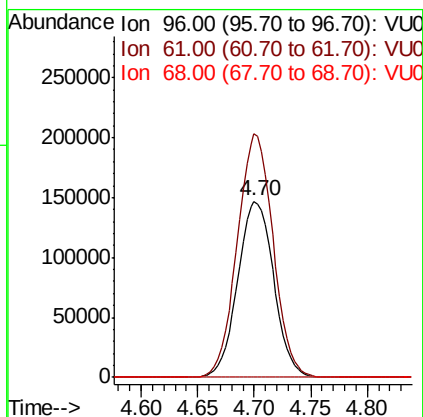
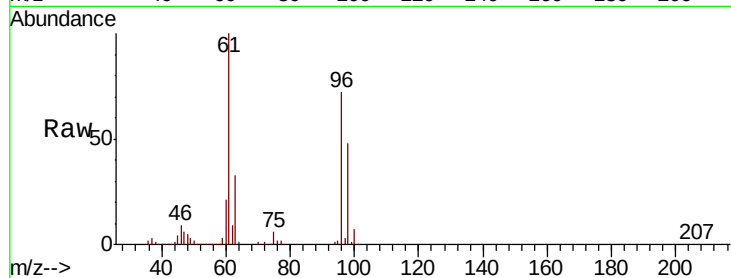




#20
 cis-1,2-Dichloroethene
 Concen: 61.341 ug/L
 RT: 4.70 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

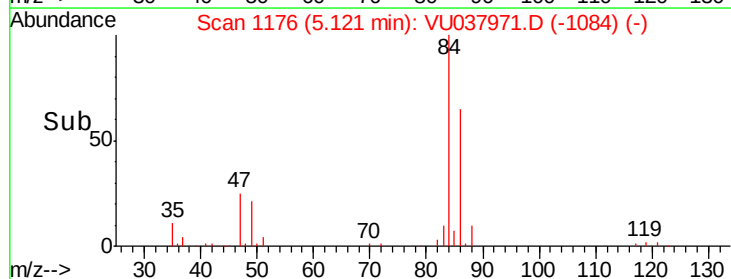
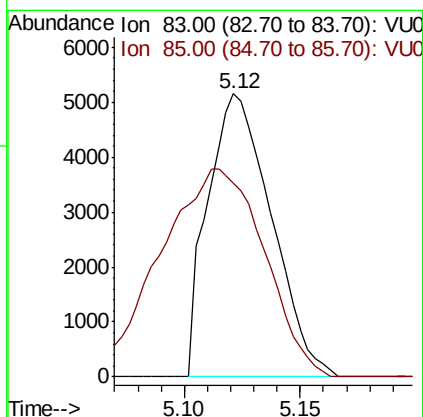
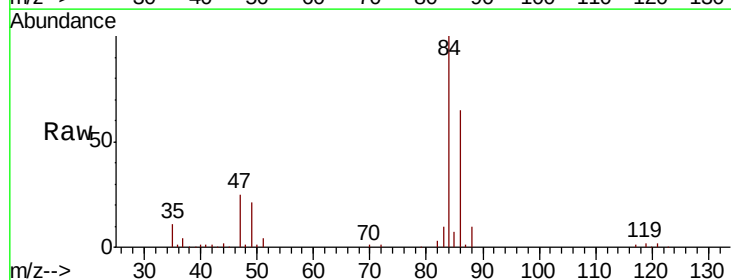
Instrument :
 MSVOA_U
 ClientSampleId :

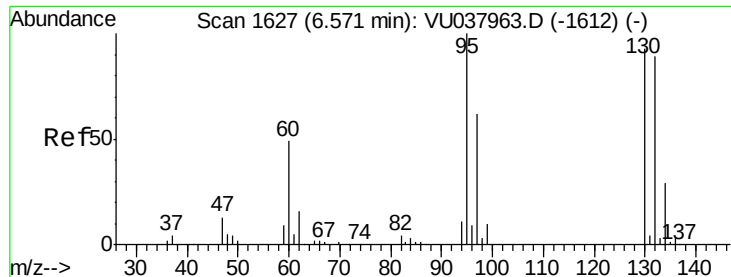
Tot Ion	96	Resp	326046
Ion	Ratio	Lower	Upper
96	100		
61	138.5	93.9	174.3
68	0.0	0.0	0.0



#25
 Chloroform
 Concen: 1.066 ug/L
 RT: 5.12 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

Tgt Ion	83	Resp	9800
Ion	Ratio	Lower	Upper
83	100		
85	68.4	45.0	83.6

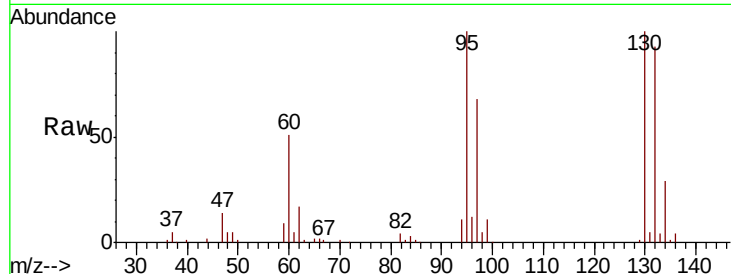




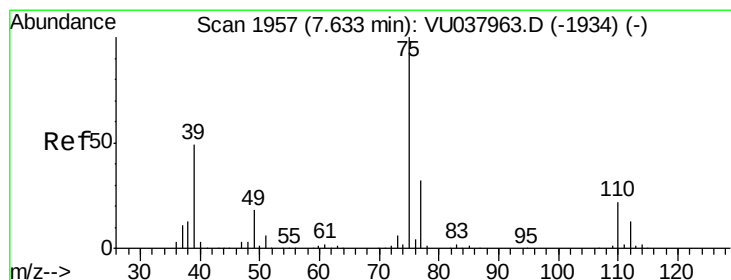
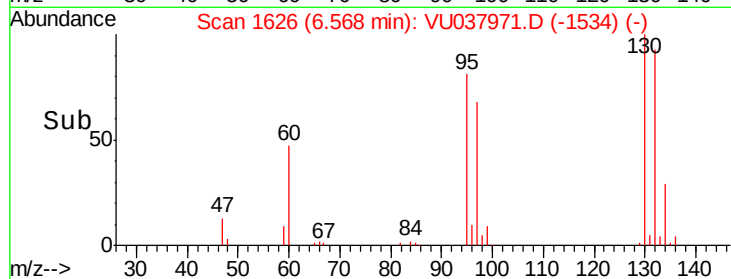
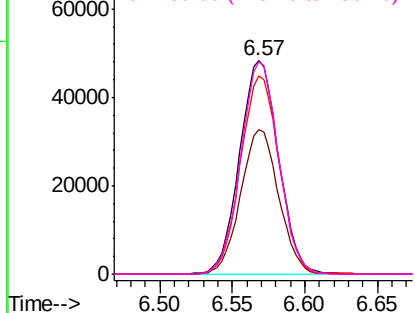
#34
 Trichloroethene
 Concen: 17.525 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 90423
 Ion Ratio Lower Upper
 95 100
 97 67.7 44.9 83.5
 132 92.9 63.2 117.4
 130 99.6 65.9 122.3

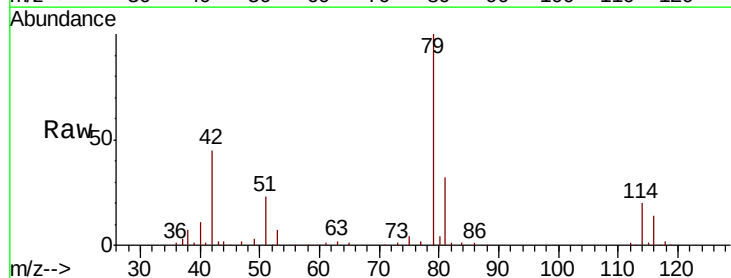


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

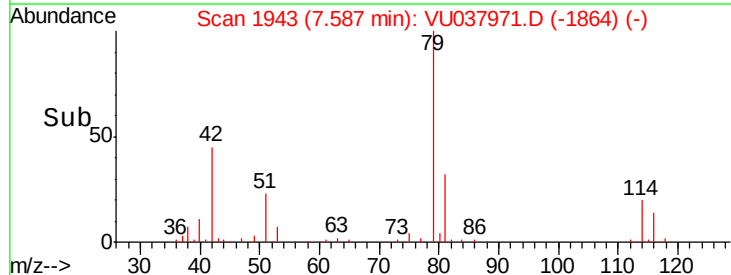
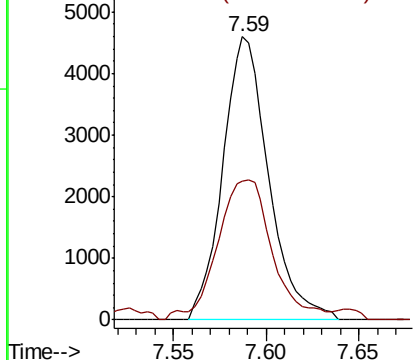


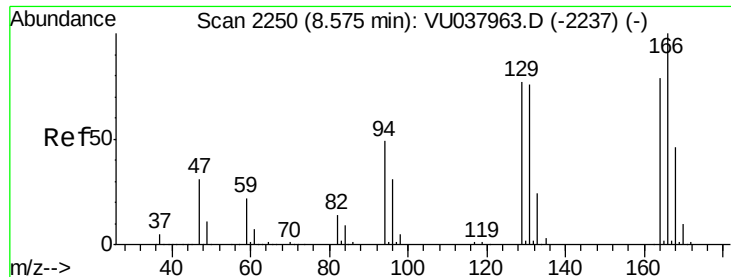
#39
 cis-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

Tgt Ion: 75 Resp: 7877
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

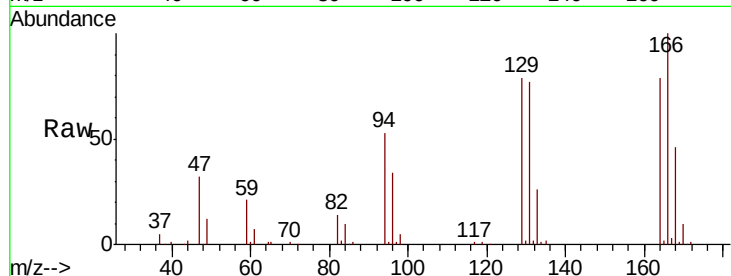




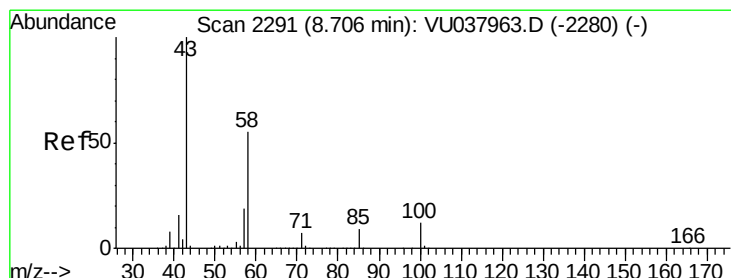
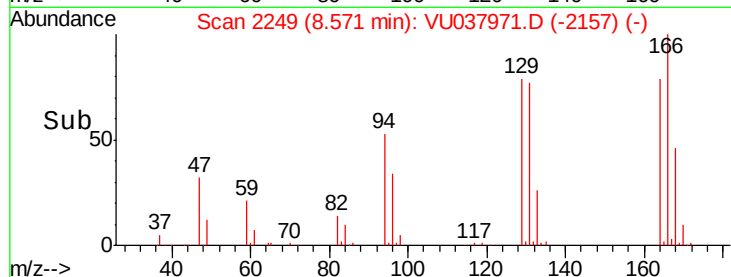
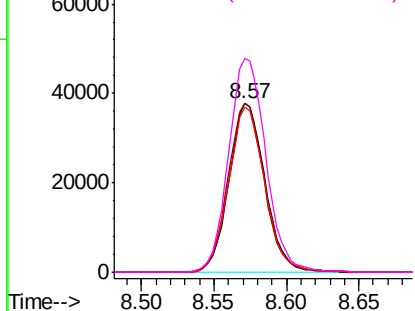
#46
Tetrachloroethene
Concen: 17.282 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU037971.D
Acq: 01 May 2020 00:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 65100
Ion Ratio Lower Upper
164 100
129 100.3 68.4 127.0
131 98.2 65.7 122.1
166 126.8 86.7 161.1

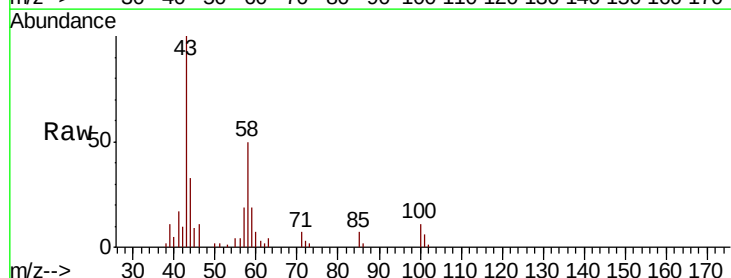


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

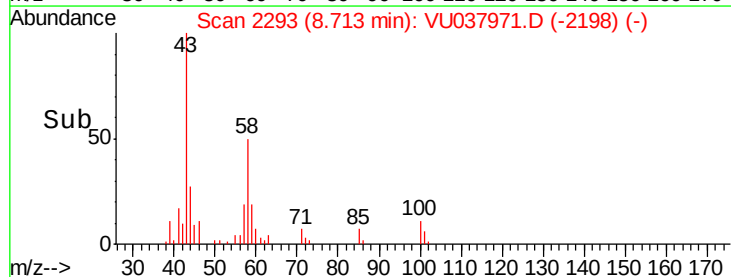
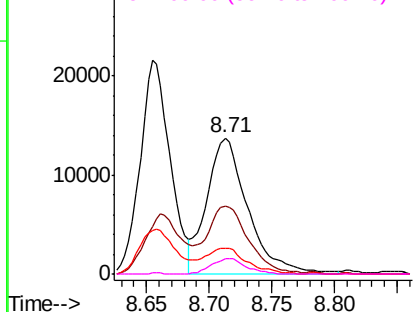


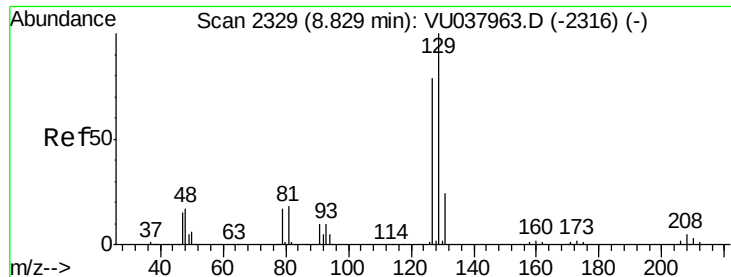
#48
2-Hexanone
Concen: 4.124 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VU037971.D
Acq: 01 May 2020 00:05

Tgt Ion: 43 Resp: 31325
Ion Ratio Lower Upper
43 100
58 46.8 46.4 69.6
57 13.3 16.4 24.6#
100 9.5 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

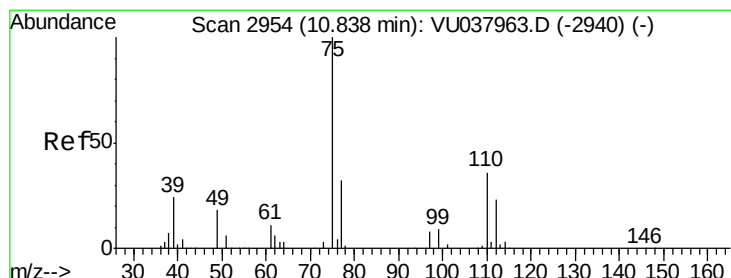
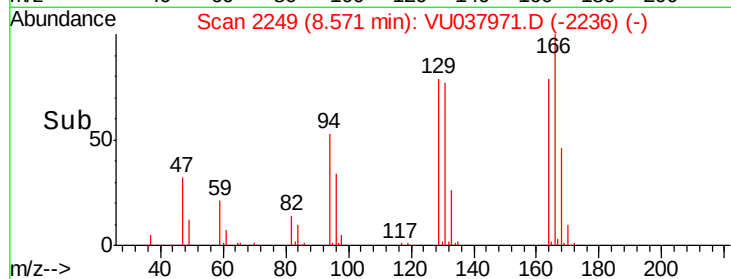
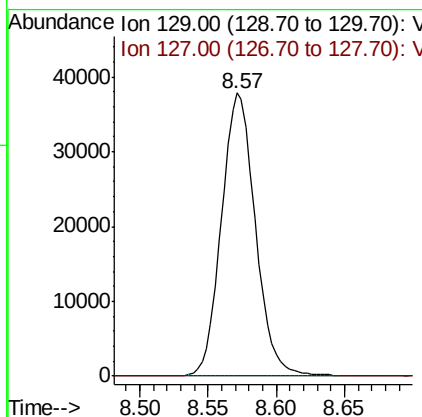
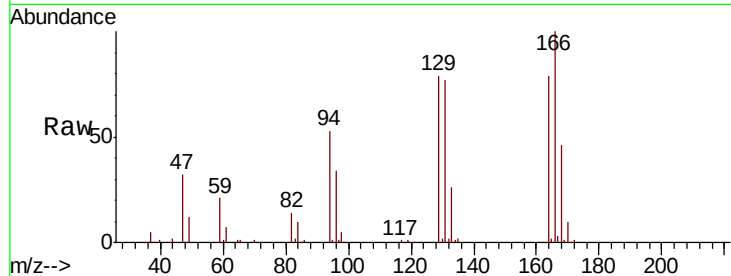




#49
 Dibromochloromethane
 Concen: 13.160 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 65391
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.7 101.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.861 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

Tgt Ion: 75 Resp: 46229
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.4 38.2

