

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037896.D
 Acq On : 28 Apr 2020 22:45
 Operator : JC/MD
 Sample : L2395-19 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 29 04:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 04:16:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	639798	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	626970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	287450	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	209976	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.93	69	192401	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.82%
11) 1,1-Dichloroethene-d2	2.59	63	287815	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.66	46	433841	97.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.95%
24) Chloroform-d	5.10	84	387770	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.74	65	283473	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.76	84	851081	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	284861	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.92	98	771010	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	8.20	79	127212	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
47) 2-Hexanone-d5	8.65	63	333058	103.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.17%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	410104	49.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	286755	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%

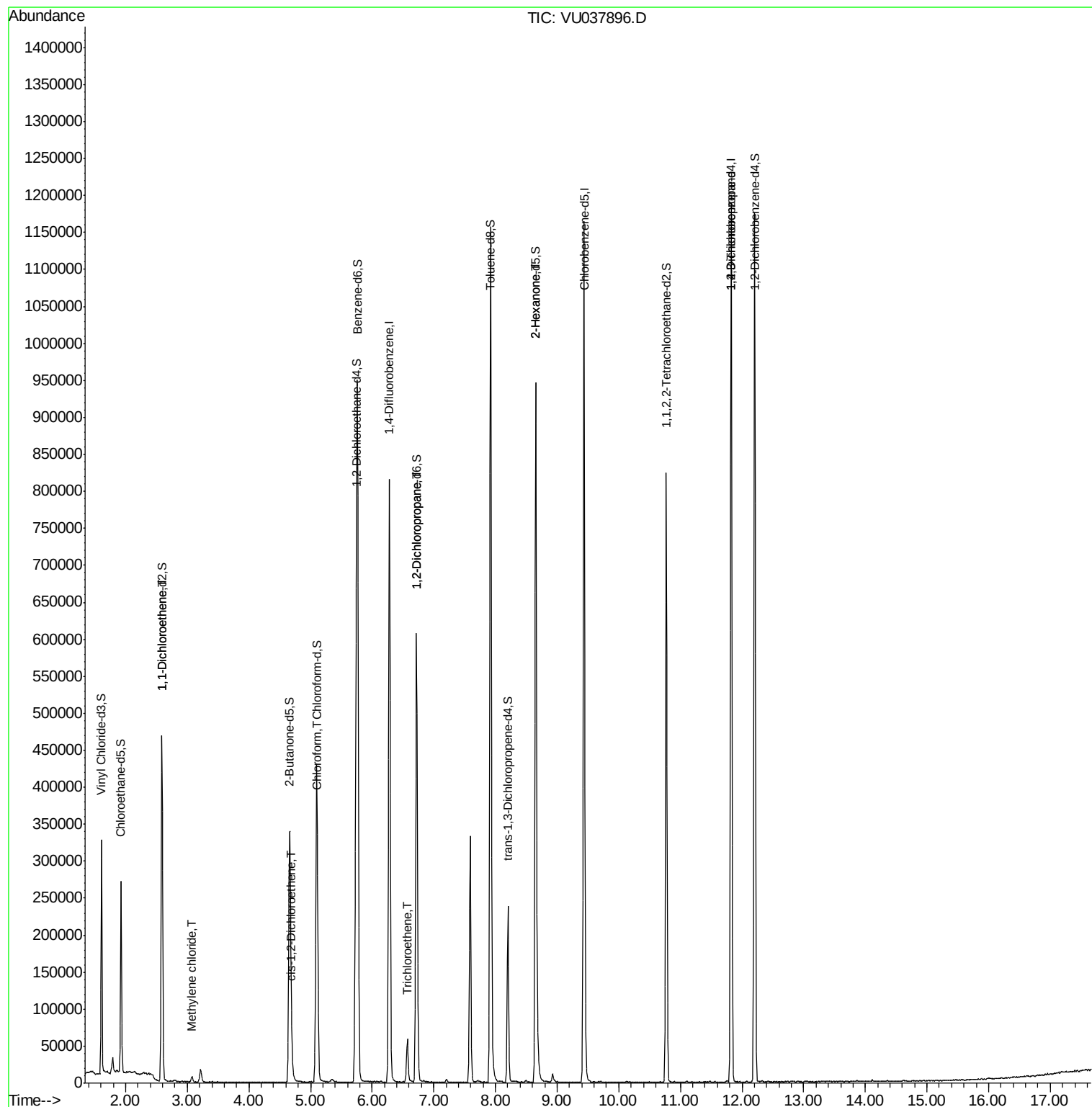
Target Compounds

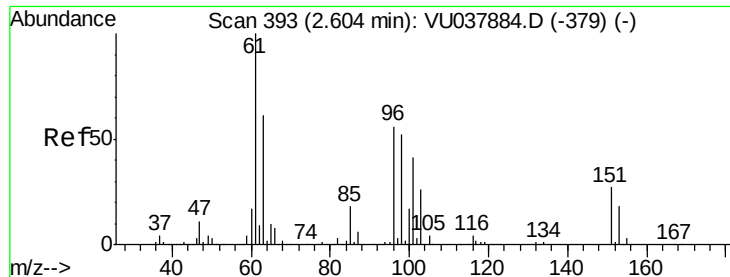
					Ovalue
12) 1,1-Dichloroethene	2.59	96	3065	0.789 ug/L #	1
16) Methylene chloride	3.08	84	3947	0.855 ug/L	85
20) cis-1,2-Dichloroethene	4.70	96	5157	1.084 ug/L	94
25) Chloroform	5.12	83	10734	1.310 ug/L	100
34) Trichloroethene	6.57	95	17260	3.698 ug/L	98
37) 1,2-Dichloropropane	6.72	63	30773	5.921 ug/L #	89
48) 2-Hexanone	8.65	43	39878	5.580 ug/L #	78
59) 1,2,3-Trichloropropane	11.82	75	41052	5.880 ug/L	94

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

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Quant Title : VOC Analysis
QLast Update : Wed Apr 29 04:16:23 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.789 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037896.D

Acq: 28 Apr 2020 22:45

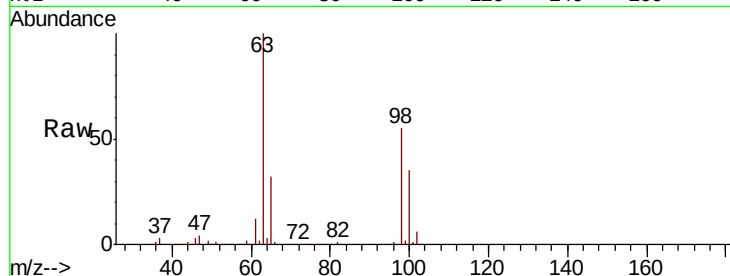
Tot Ion: 96 Resp: 3065

Ion Ratio Lower Upper

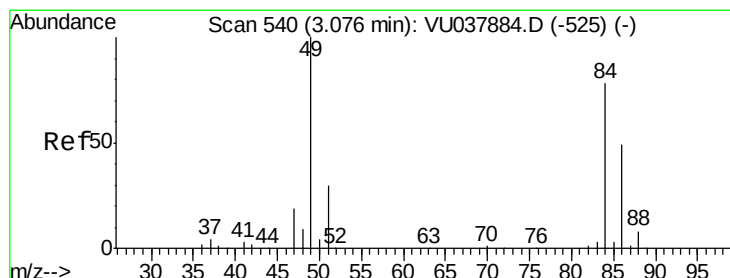
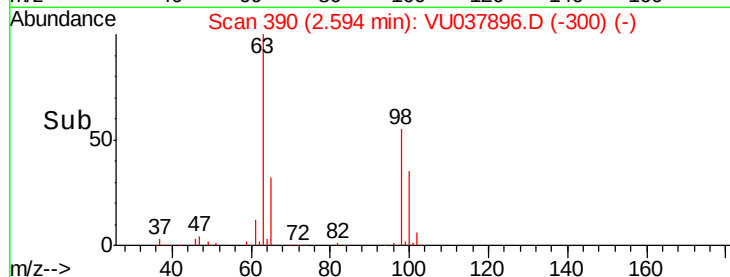
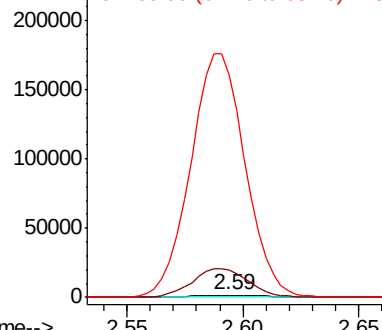
96 100

61 1310.4 134.1 249.0#

63 10805.9 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.855 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037896.D

Acq: 28 Apr 2020 22:45

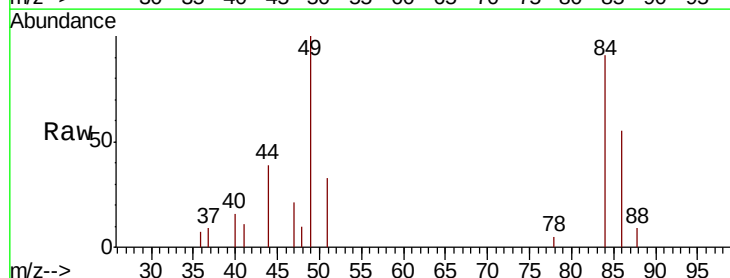
Tgt Ion: 84 Resp: 3947

Ion Ratio Lower Upper

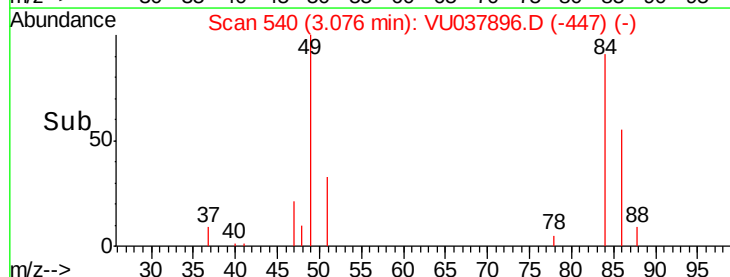
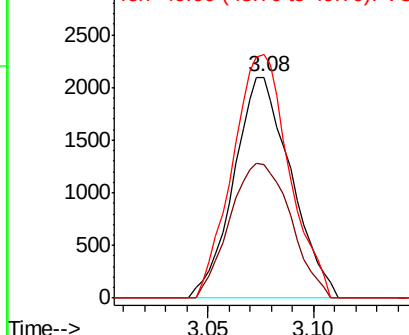
84 100

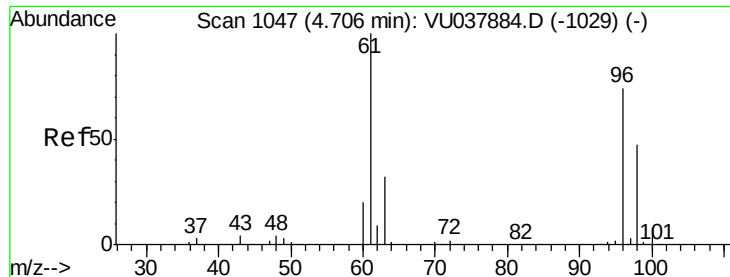
86 60.3 43.5 80.7

49 110.2 95.1 176.7



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

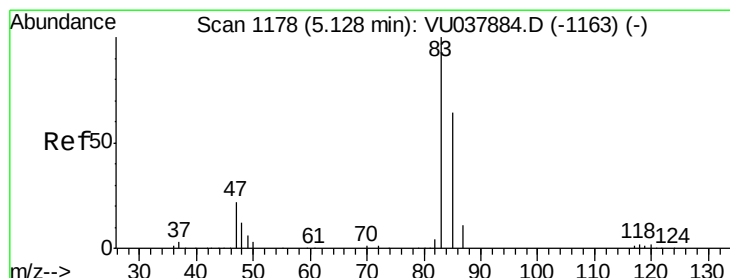
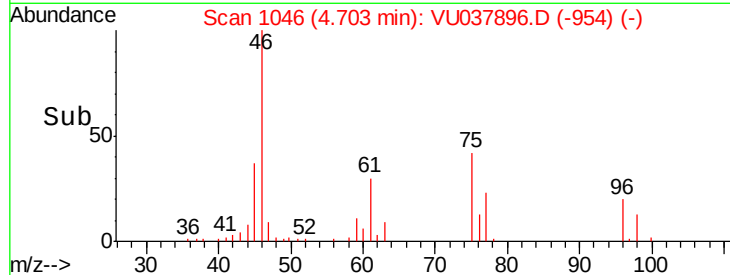
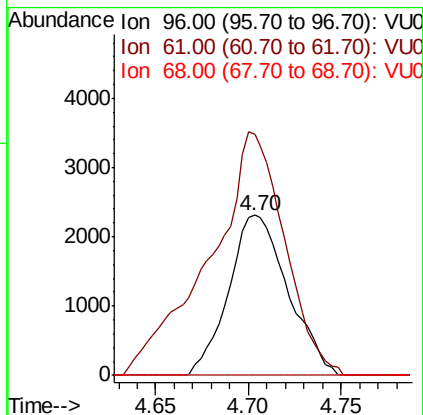
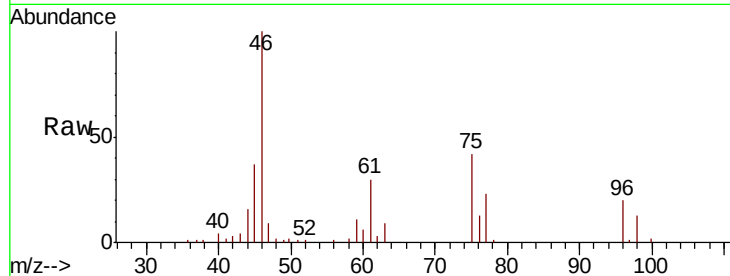




#20
 cis-1,2-Dichloroethene
 Concen: 1.084 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037896.D
 Acq: 28 Apr 2020 22:45

Tot Ion: 96 Resp: 5157

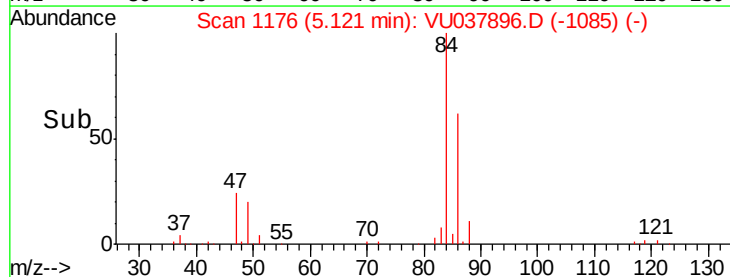
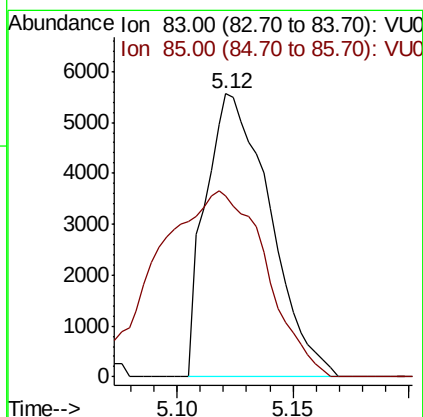
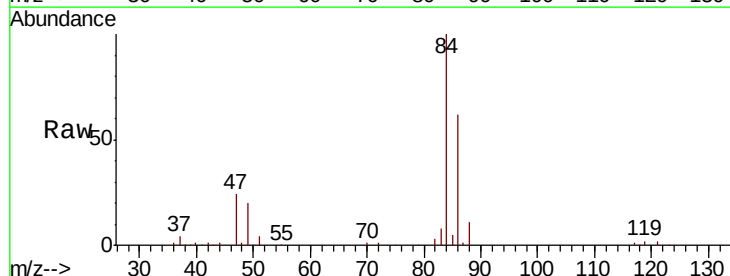
Ion	Ratio	Lower	Upper
96	100		
61	150.2	100.4	186.4
68	0.0	0.0	0.0

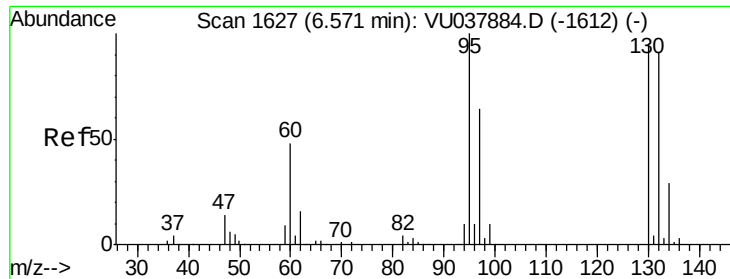


#25
 Chloroform
 Concen: 1.310 ug/L
 RT: 5.12 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VU037896.D
 Acq: 28 Apr 2020 22:45

Tgt Ion: 83 Resp: 10734

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.1	83.9





#34

Trichloroethene

Concen: 3.698 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037896.D

Acq: 28 Apr 2020 22:45

Tot Ion: 95 Resp: 17260

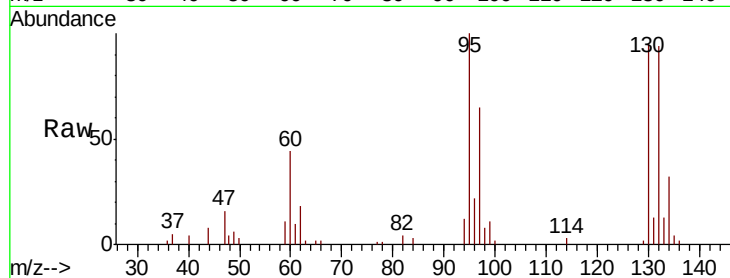
Ion Ratio Lower Upper

95 100

97 65.4 44.4 82.5

132 94.3 65.0 120.6

130 94.8 65.5 121.7

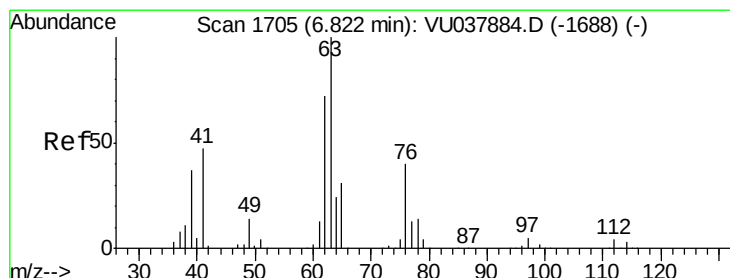
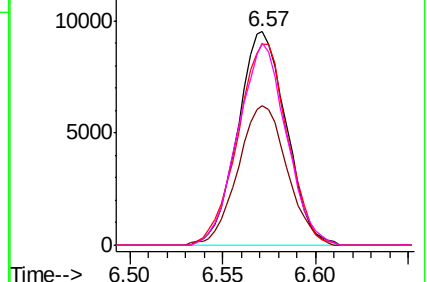
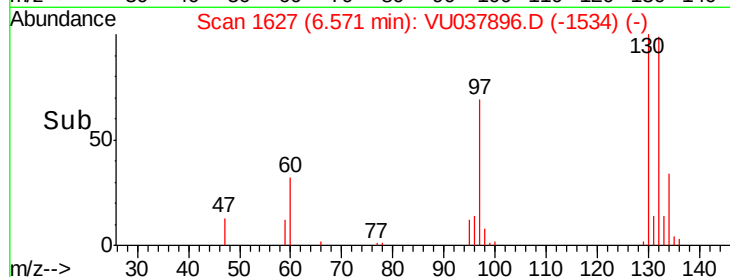


Abundance Ion 95.00 (94.70 to 95.70): VU037884.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU037884.D (-1612) (-)

Ion 132.00 (131.70 to 132.70): VU037884.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU037884.D (-1612) (-)



#37

1,2-Dichloropropane

Concen: 5.921 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037896.D

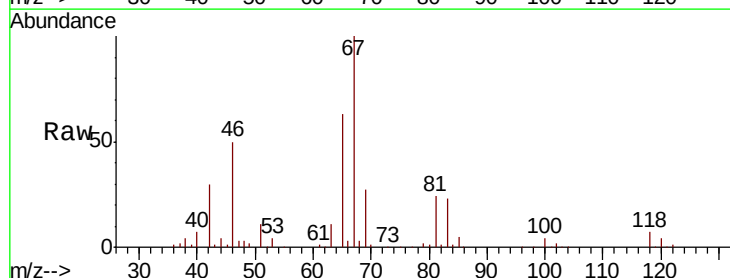
Acq: 28 Apr 2020 22:45

Tgt Ion: 63 Resp: 30773

Ion Ratio Lower Upper

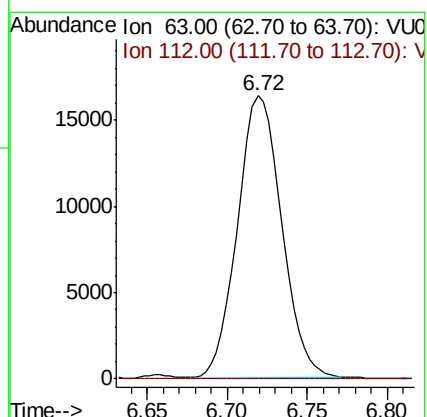
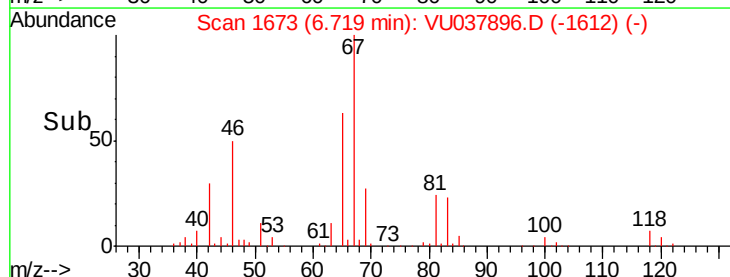
63 100

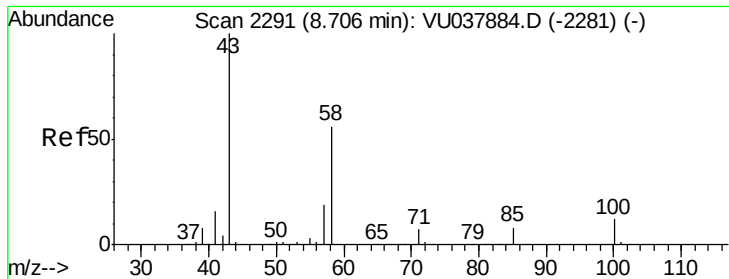
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VU037884.D (-1688) (-)

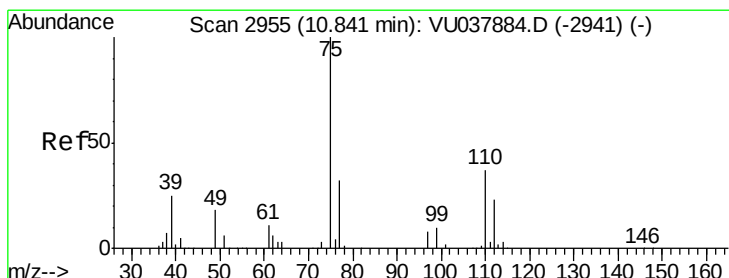
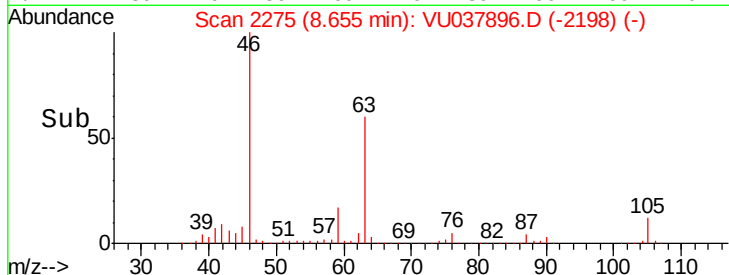
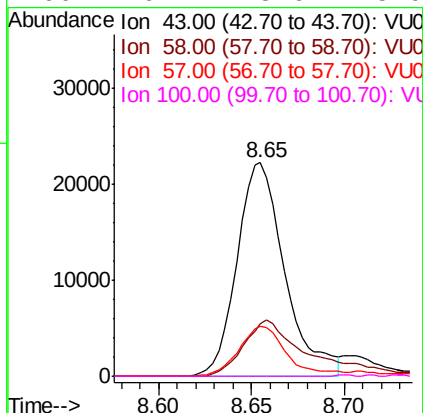
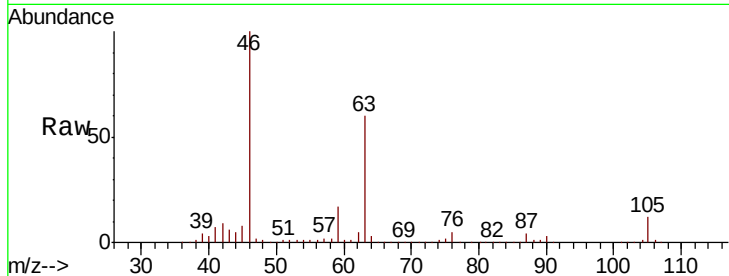
Ion 112.00 (111.70 to 112.70): VU037884.D (-1688) (-)





#48
2-Hexanone
Concen: 5.580 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU037896.D
Acq: 28 Apr 2020 22:45

Tot Ion: 43 Resp: 39878
Ion Ratio Lower Upper
43 100
58 35.9 42.6 63.8#
57 22.8 14.6 22.0#
100 0.2 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 5.880 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU037896.D
Acq: 28 Apr 2020 22:45

Tgt Ion: 75 Resp: 41052
Ion Ratio Lower Upper
75 100
77 35.8 25.8 38.6

