

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037926.D
 Acq On : 29 Apr 2020 21:32
 Operator : JC/MD
 Sample : L2395-17 100X
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:12:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	663310	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	647949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	303475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188710	32.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.12%
7) Chloroethane-d5	1.93	69	185285	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.50%
11) 1,1-Dichloroethene-d2	2.59	63	298868	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	4.66	46	438892	95.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.57%
24) Chloroform-d	5.10	84	368599	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
26) 1,2-Dichloroethane-d4	5.74	65	273699	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
32) Benzene-d6	5.76	84	802552	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	273892	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.92	98	714138	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.20	79	126514	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.66	63	310510	93.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.07%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	408142	47.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.74%
64) 1,2-Dichlorobenzene-d4	12.20	152	268777	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%

Target Compounds

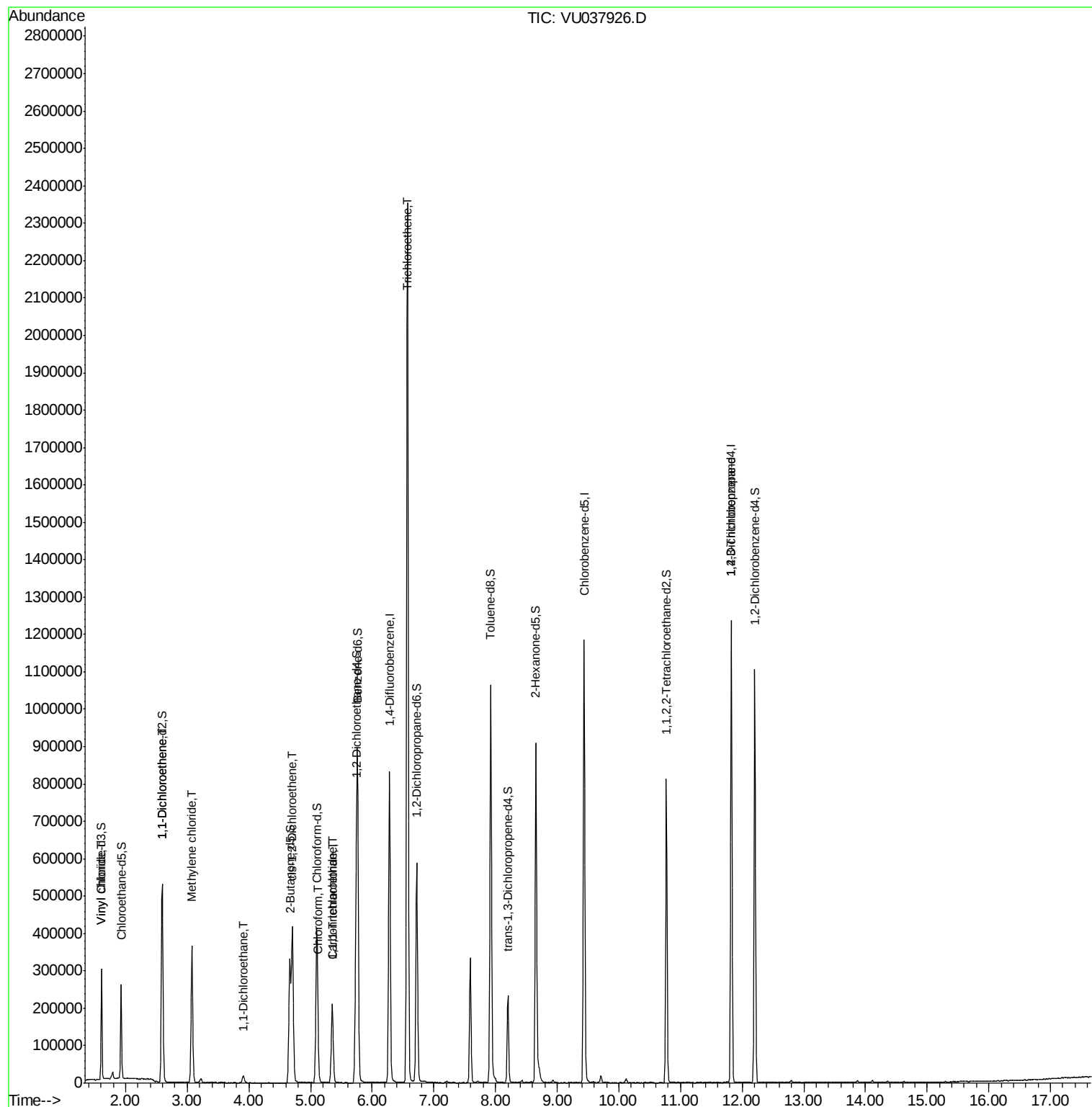
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	6281	0.954	ug/L #	55
12) 1,1-Dichloroethene	2.60	96	60205	14.950	ug/L #	61
16) Methylene chloride	3.08	84	167399	34.983	ug/L	95
19) 1,1-Dichloroethane	3.91	63	21803	2.402	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	199488	40.464	ug/L	94
25) Chloroform	5.13	83	18627	2.193	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	150129	20.747	ug/L	99
31) Carbon tetrachloride	5.35	117	18882	3.228	ug/L	98
34) Trichloroethene	6.57	95	793197	164.427	ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	41682	5.777	ug/L	93

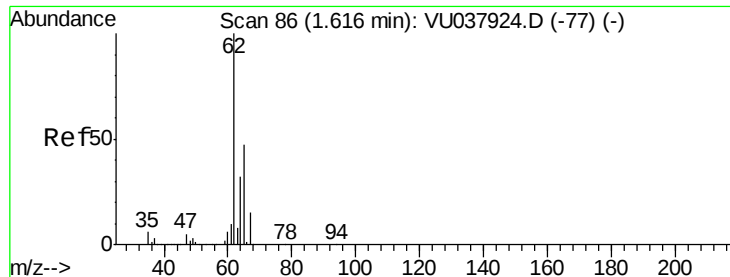
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.954 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037926.D

Acq: 29 Apr 2020 21:32

Instrument :

MSVOA_U

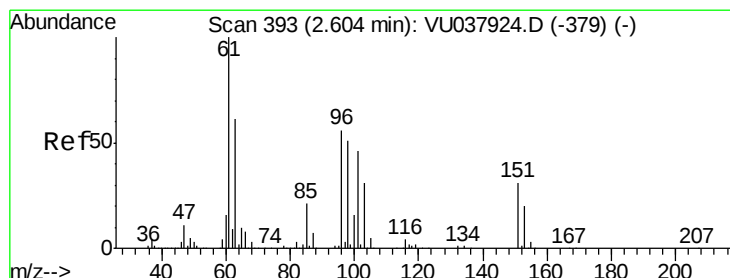
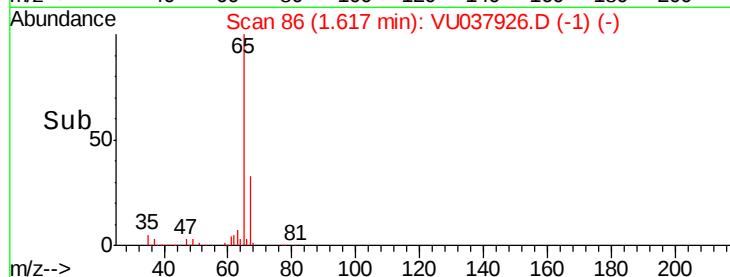
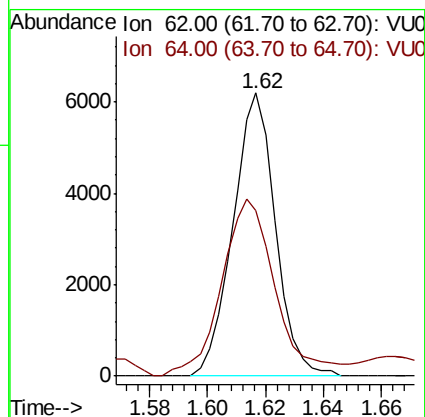
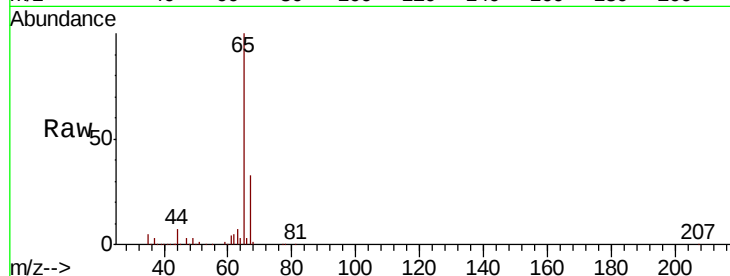
ClientSampleId :

Tot Ion: 62 Resp: 6281

Ion Ratio Lower Upper

62 100

64 58.6 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 14.950 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037926.D

Acq: 29 Apr 2020 21:32

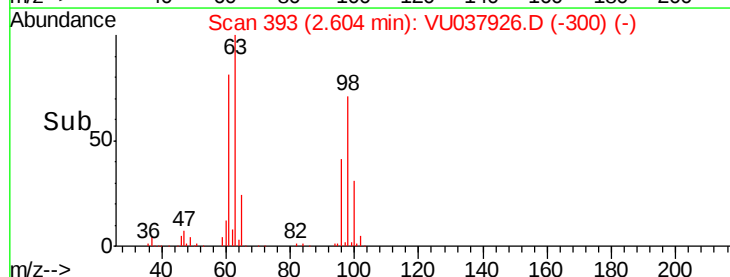
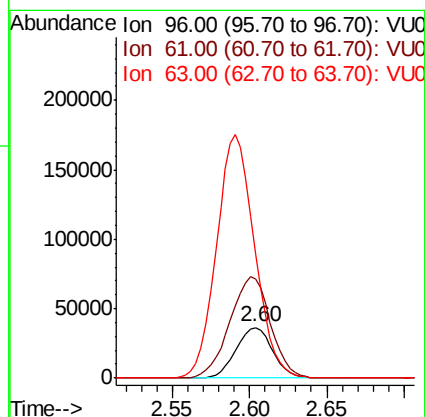
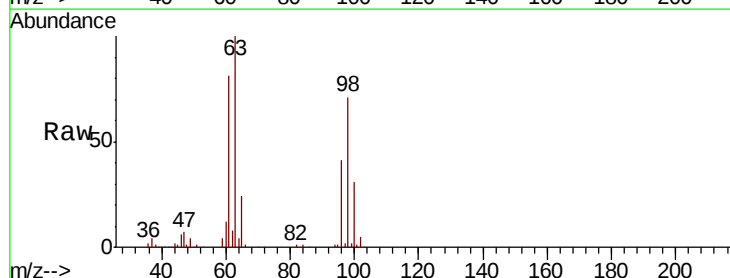
Tgt Ion: 96 Resp: 60205

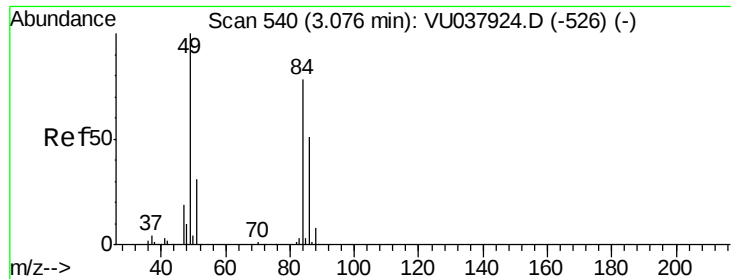
Ion Ratio Lower Upper

96 100

61 196.8 134.1 249.0

63 243.6 96.5 179.1#

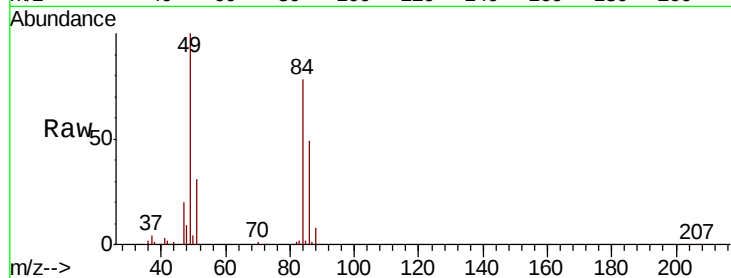




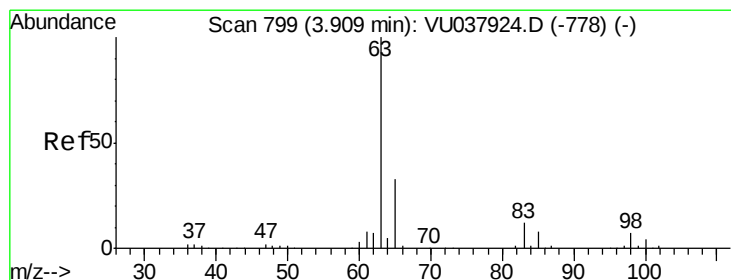
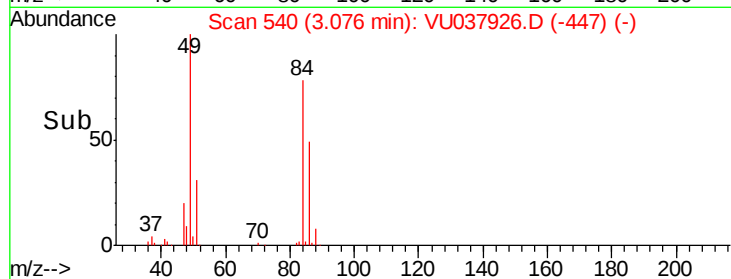
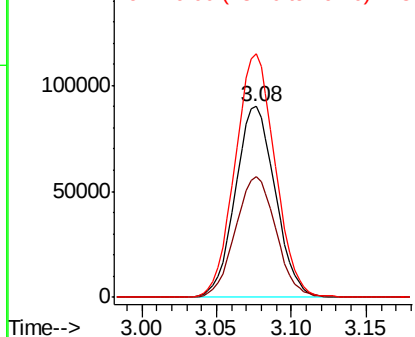
#16
Methvlene chloride
Concen: 34.983 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037926.D
Acq: 29 Apr 2020 21:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 167399
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.7
49 127.7 95.1 176.7

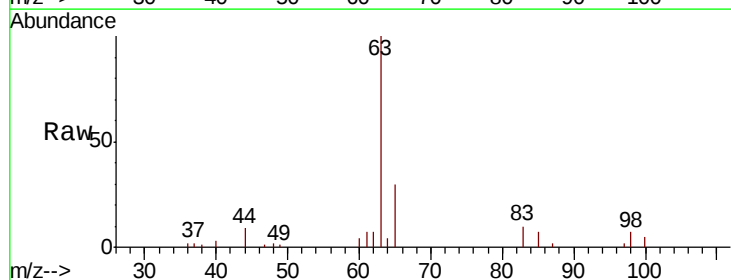


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

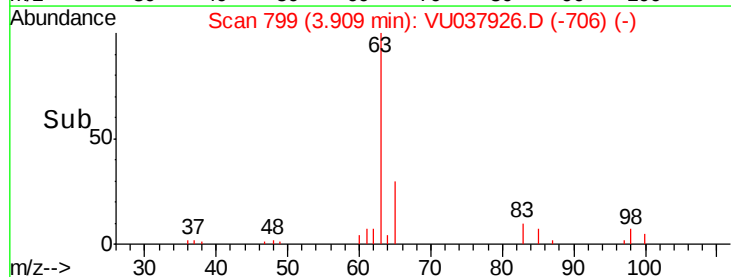
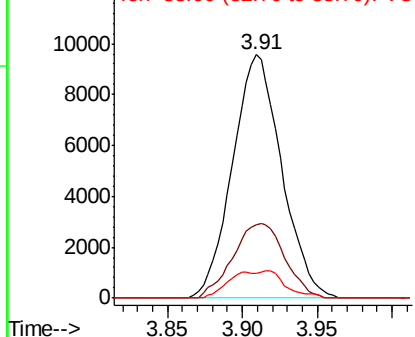


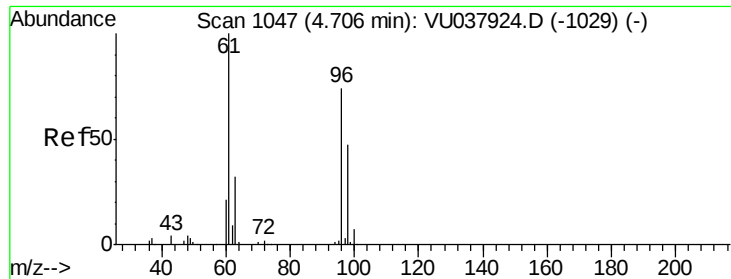
#19
1,1-Dichloroethane
Concen: 2.402 ug/L
RT: 3.91 min Scan# 799
Delta R.T. 0.00 min
Lab File: VU037926.D
Acq: 29 Apr 2020 21:32

Tgt Ion: 63 Resp: 21803
Ion Ratio Lower Upper
63 100
65 29.9 22.2 41.2
83 10.2 8.6 16.0



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0

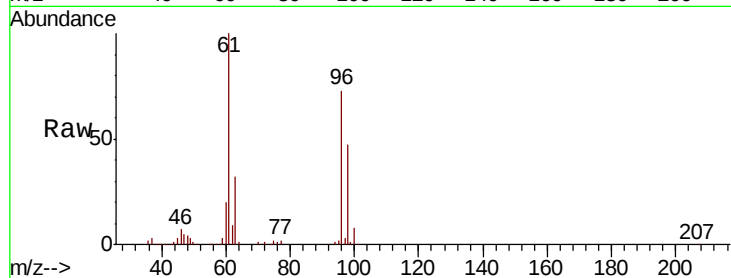




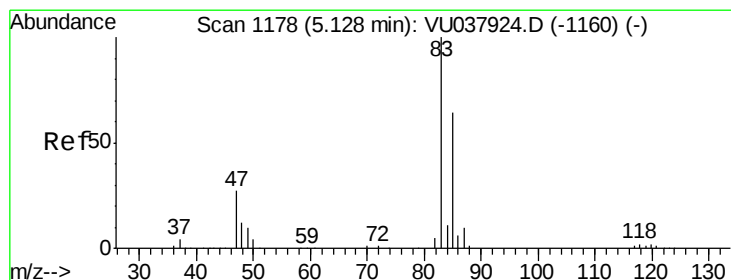
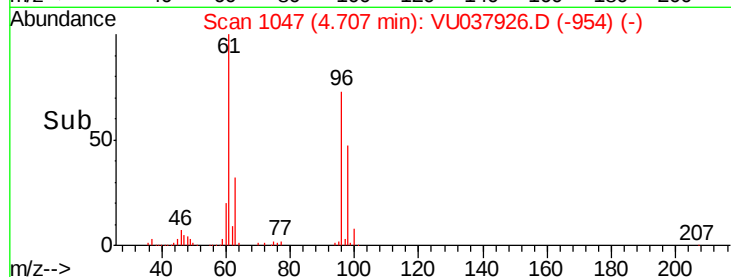
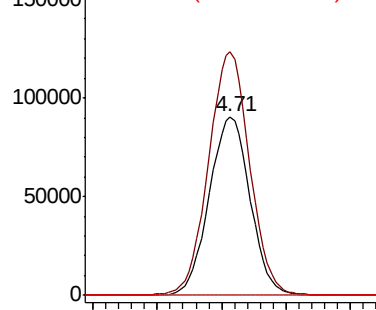
#20
 cis-1,2-Dichloroethene
 Concen: 40.464 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037926.D
 Acq: 29 Apr 2020 21:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 199488
 Ion Ratio Lower Upper
 96 100
 61 136.4 100.4 186.4
 68 0.0 0.0 0.0

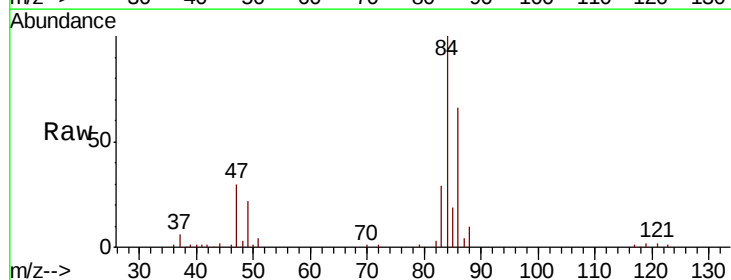


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

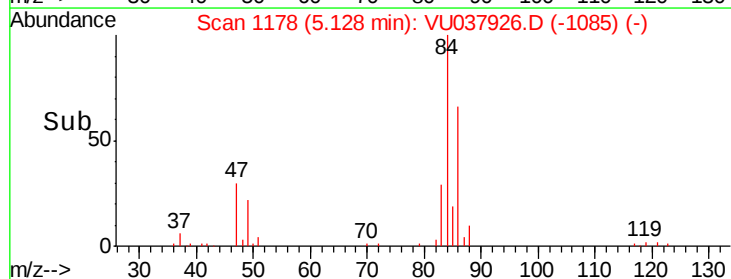
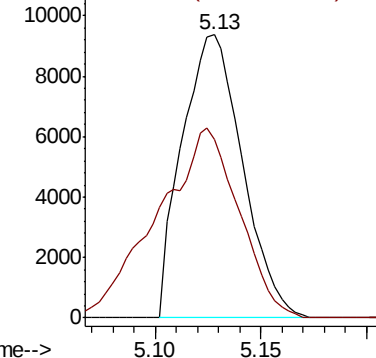


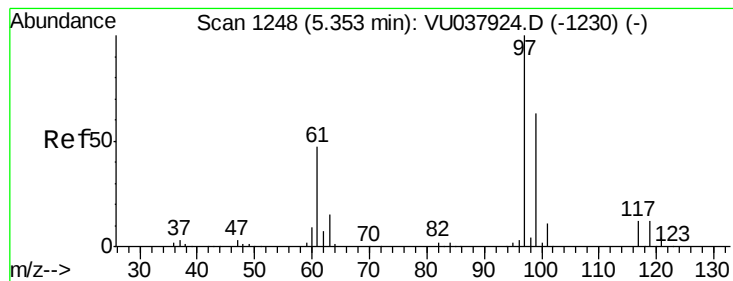
#25
 Chloroform
 Concen: 2.193 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU037926.D
 Acq: 29 Apr 2020 21:32

Tgt Ion: 83 Resp: 18627
 Ion Ratio Lower Upper
 83 100
 85 63.2 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

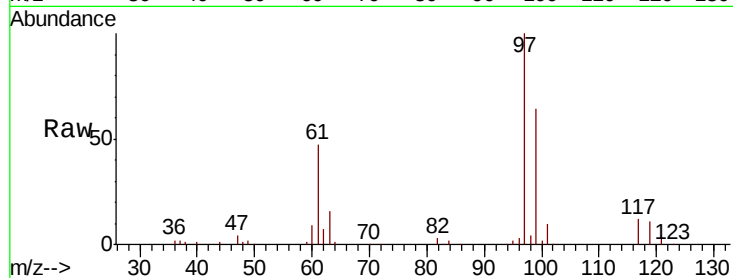




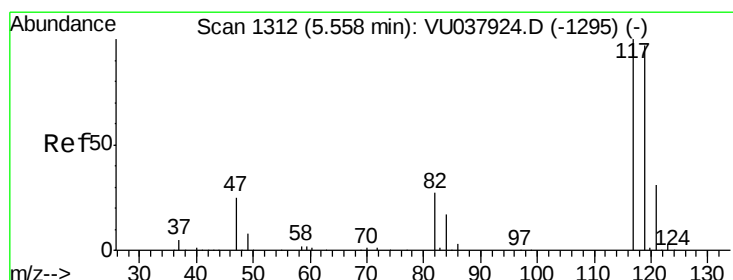
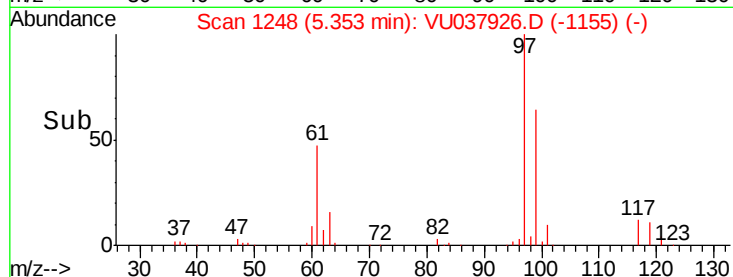
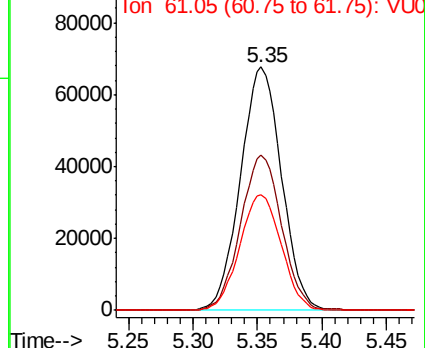
#30
 1,1,1-Trichloroethane
 Concen: 20.747 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU037926.D
 Acq: 29 Apr 2020 21:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 150129
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.7 76.1
 61 48.2 38.9 58.3

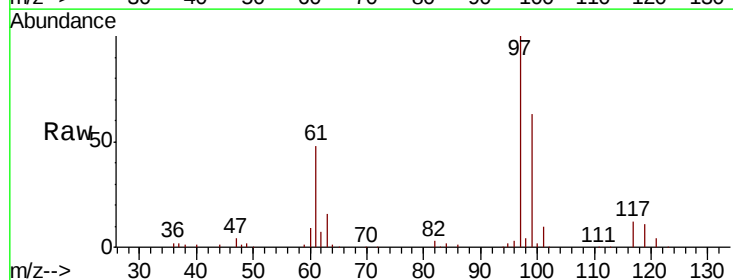


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

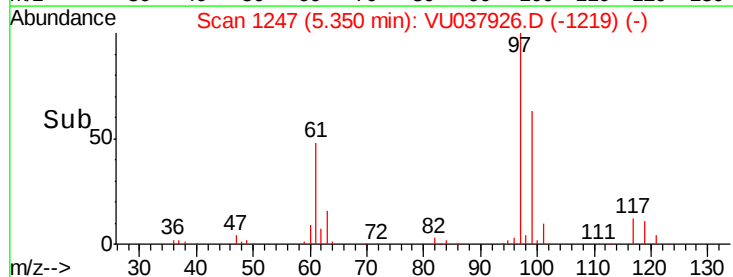
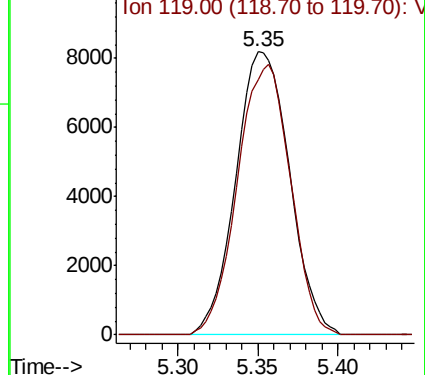


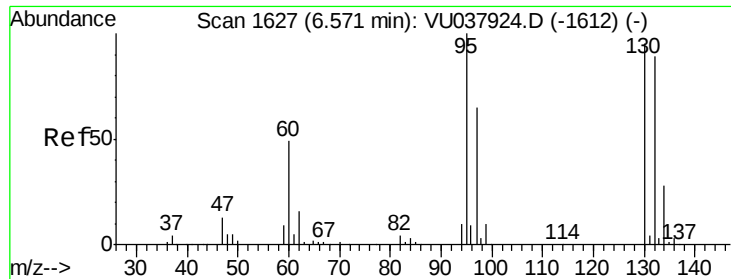
#31
 Carbon tetrachloride
 Concen: 3.228 ug/L
 RT: 5.35 min Scan# 1247
 Delta R.T. -0.21 min
 Lab File: VU037926.D
 Acq: 29 Apr 2020 21:32

Tgt Ion: 117 Resp: 18882
 Ion Ratio Lower Upper
 117 100
 119 93.8 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V

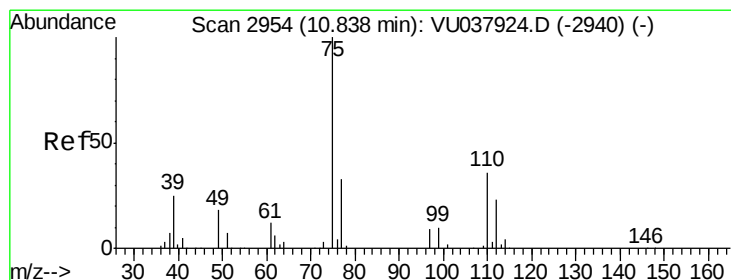
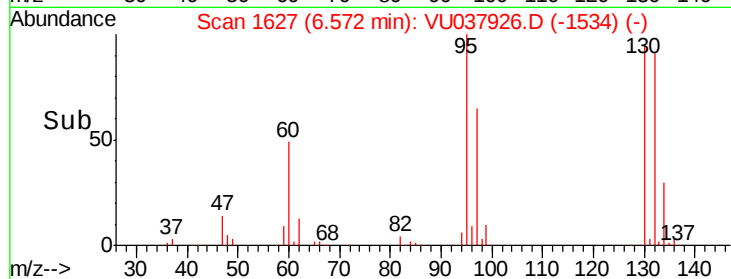
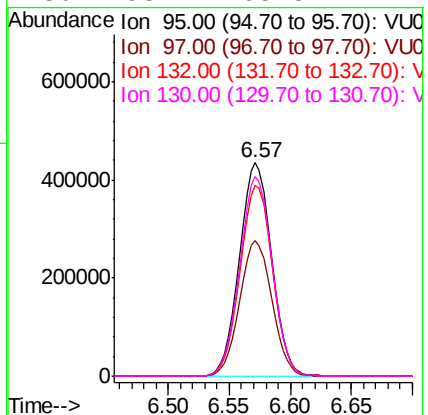
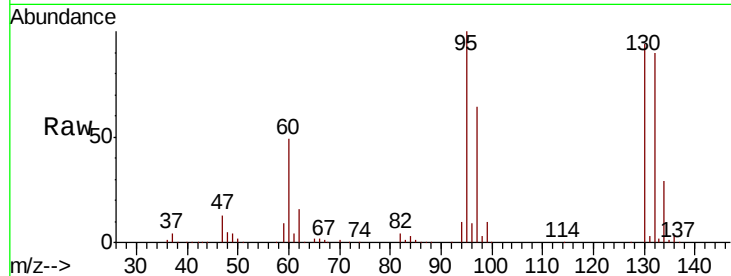




#34
 Trichloroethene
 Concen: 164.427 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037926.D
 Acq: 29 Apr 2020 21:32

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Tot Ion:	95	Resp:	793197
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.5
132	89.6	65.0	120.6
130	93.7	65.5	121.7



#59
 1,2,3-Trichloropropane
 Concen: 5.777 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037926.D
 Acq: 29 Apr 2020 21:32

Tgt Ion:	75	Resp:	41682
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.8	38.6

