

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037928.D
 Acq On : 29 Apr 2020 22:17
 Operator : JC/MD
 Sample : L2395-19 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DA4

Quant Time: Apr 30 05:45:32 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	654262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	631610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	287461	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	180636	31.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.20%
7) Chloroethane-d5	1.93	69	178410	40.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.54%
11) 1,1-Dichloroethene-d2	2.59	63	268902	29.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.12%#
21) 2-Butanone-d5	4.66	46	437763	96.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.65%
24) Chloroform-d	5.10	84	372401	42.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.54%
26) 1,2-Dichloroethane-d4	5.74	65	273205	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.76	84	786983	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.72	67	276708	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.64%
41) Toluene-d8	7.92	98	694803	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%
43) trans-1,3-Dichloropropene-	8.20	79	122834	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
47) 2-Hexanone-d5	8.65	63	311598	95.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.81%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	410583	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	261639	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

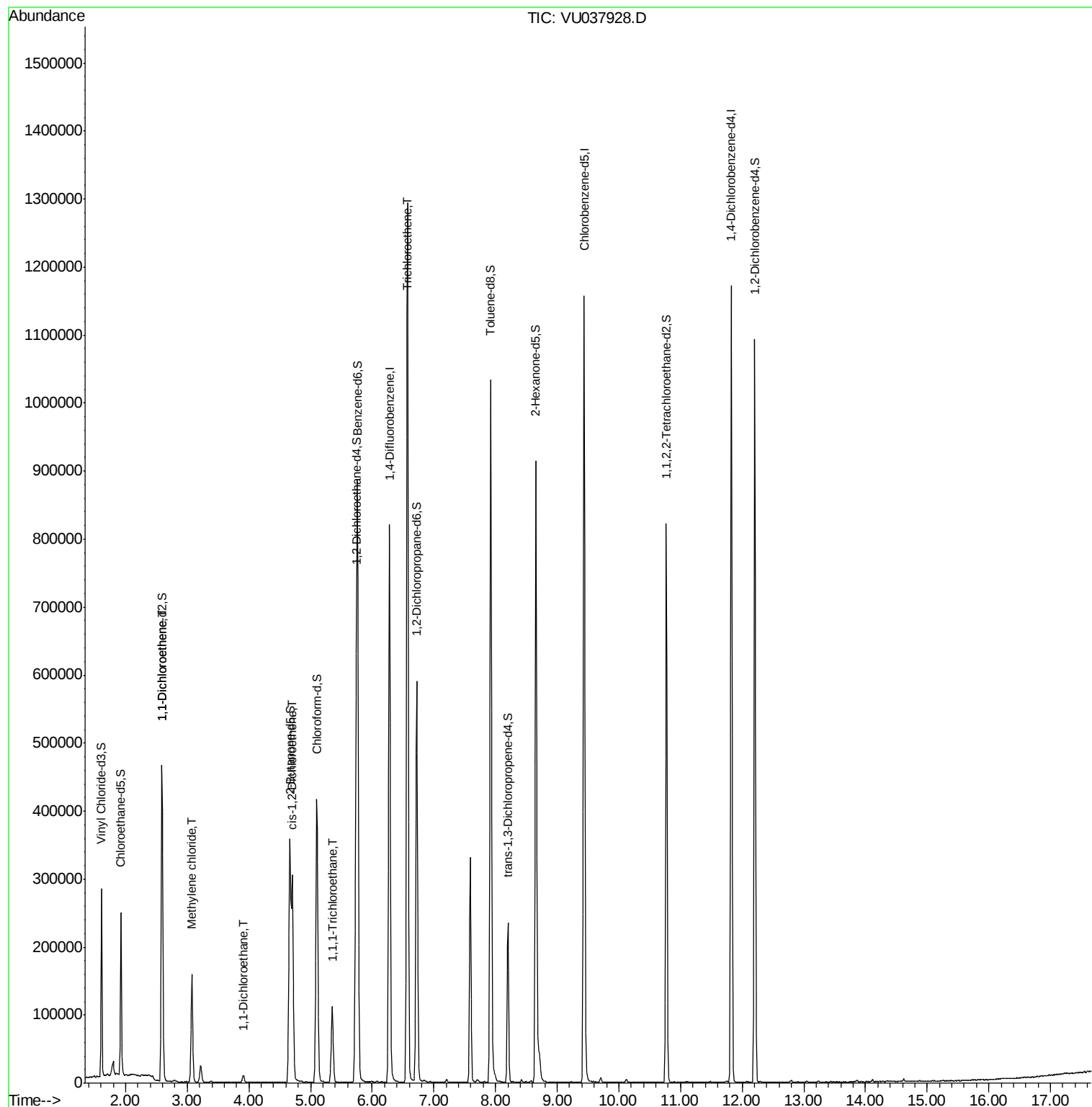
					Ovalue
12) 1,1-Dichloroethene	2.60	96	33183	8.354 ug/L #	1
16) Methylene chloride	3.08	84	74024	15.683 ug/L	94
19) 1,1-Dichloroethane	3.91	63	12424	1.388 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	136515	28.074 ug/L	92
30) 1,1,1-Trichloroethane	5.35	97	80809	11.456 ug/L	99
34) Trichloroethene	6.57	95	439066	93.372 ug/L	98

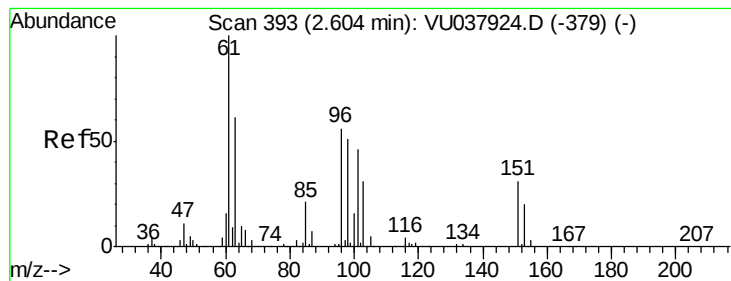
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 04:10:11 2020
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#12

1,1-Dichloroethene

Concen: 8.354 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037928.D

Acq: 29 Apr 2020 22:17

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MSVOA_U

ClientSampleId :

C0DA4

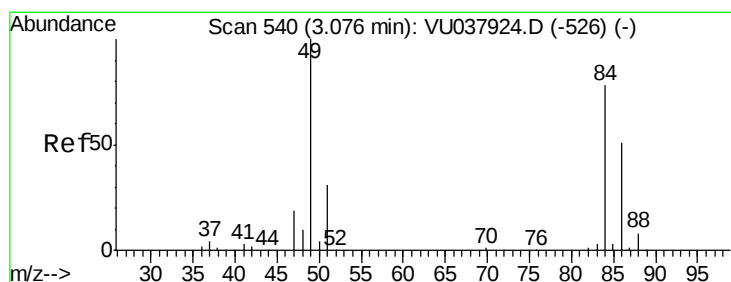
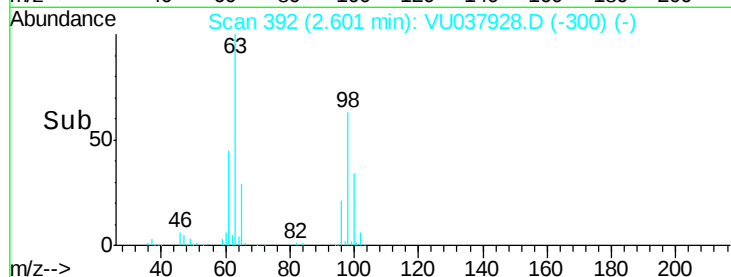
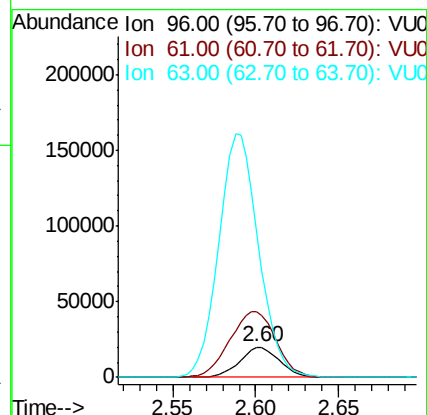
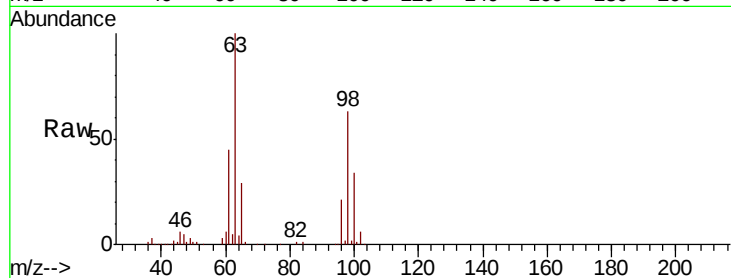
Tot Ion: 96 Resp: 33183

Ion Ratio Lower Upper

96 100

61 216.6 134.1 249.0

63 484.8 96.5 179.1#



#16

Methylene chloride

Concen: 15.683 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

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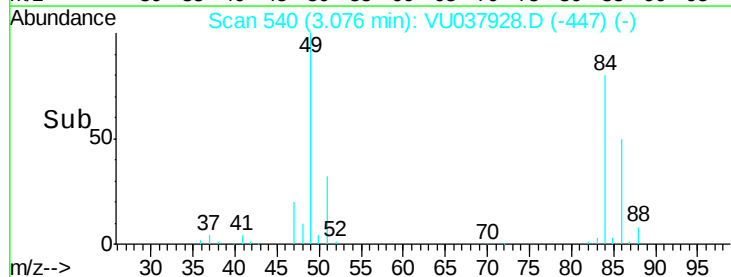
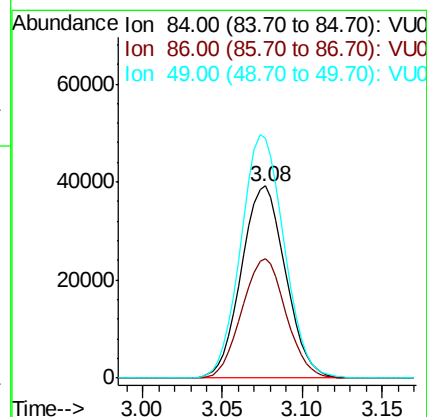
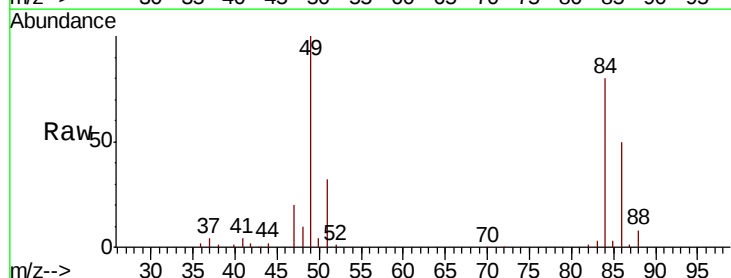
Tgt Ion: 84 Resp: 74024

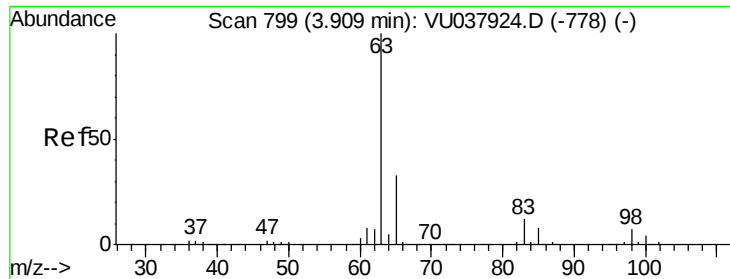
Ion Ratio Lower Upper

84 100

86 62.0 43.5 80.7

49 124.9 95.1 176.7

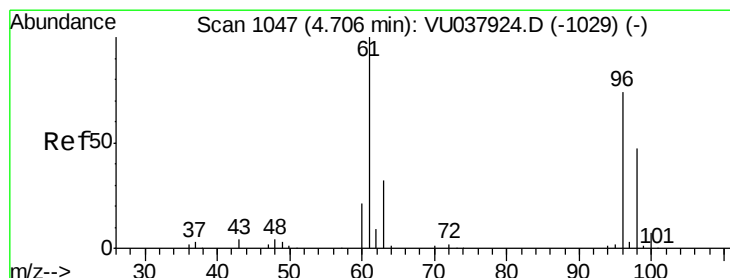
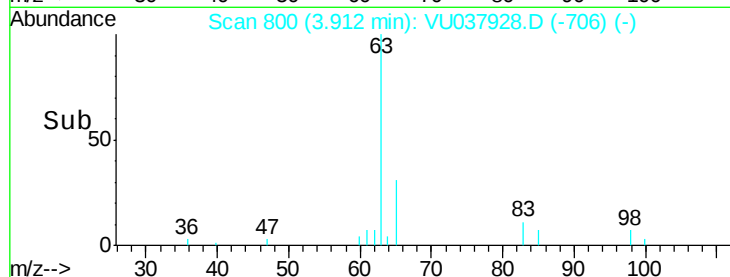
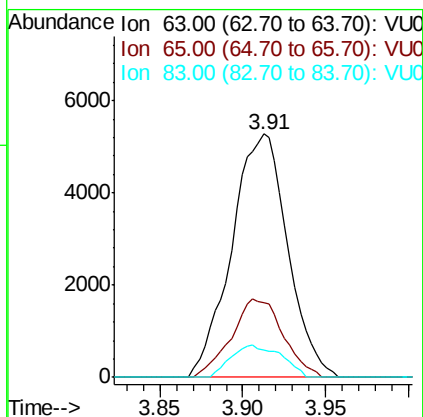
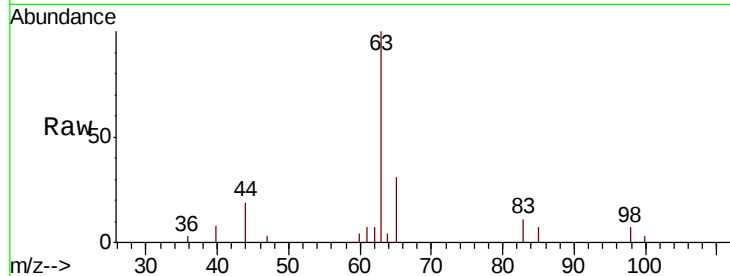




#19
 1,1-Dichloroethane
 Concen: 1.388 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU037928.D
 Acq: 29 Apr 2020 22:17

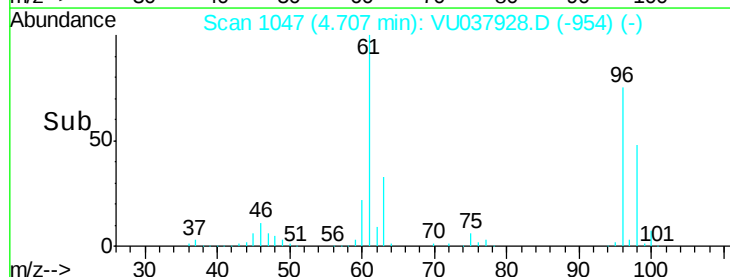
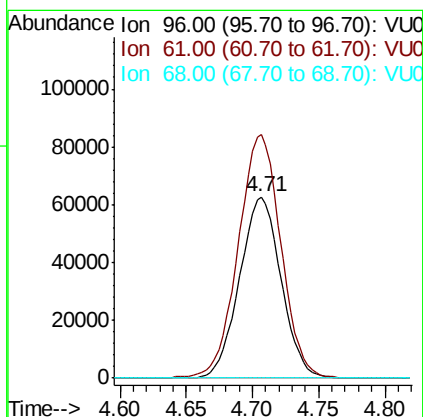
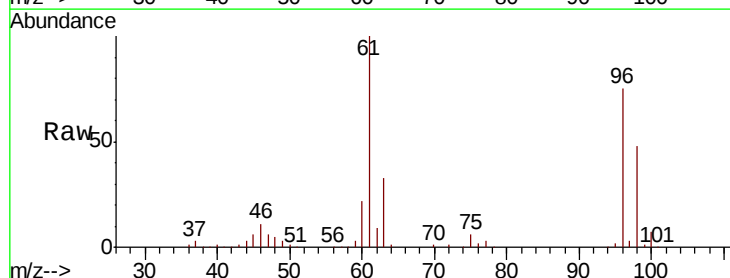
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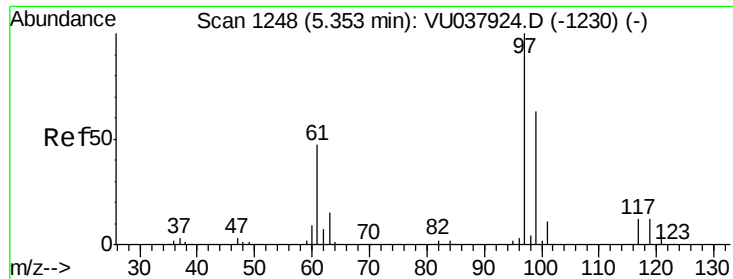
Tot Ion: 63 Resp: 12424
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.2 41.2
 83 11.0 8.6 16.0



#20
 cis-1,2-Dichloroethene
 Concen: 28.074 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037928.D
 Acq: 29 Apr 2020 22:17

Tgt Ion: 96 Resp: 136515
 Ion Ratio Lower Upper
 96 100
 61 134.1 100.4 186.4
 68 0.0 0.0 0.0

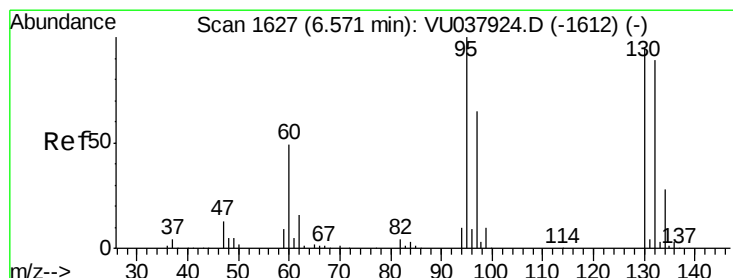
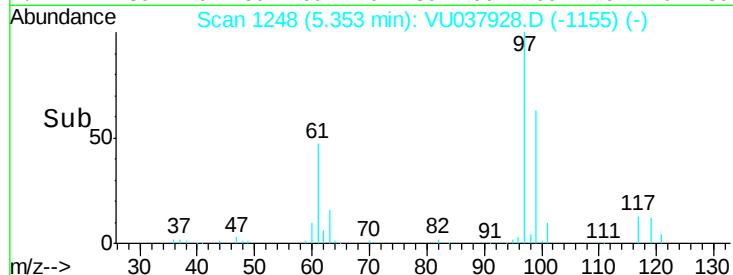
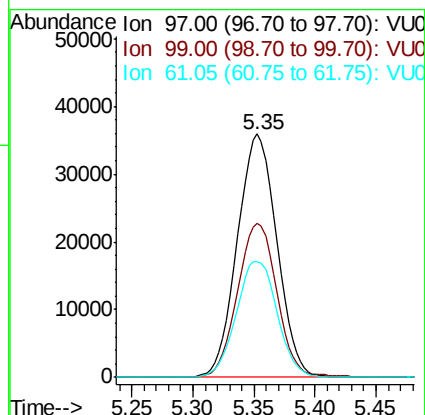
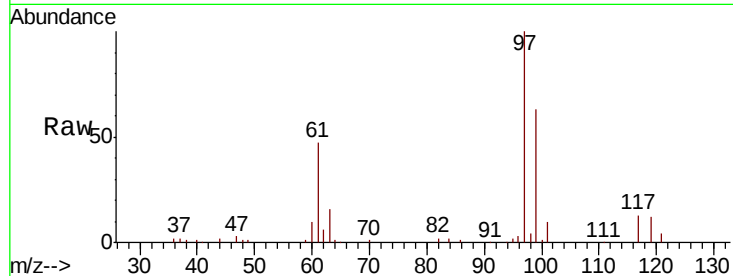




#30
 1,1,1-Trichloroethane
 Concen: 11.456 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU037928.D
 Acq: 29 Apr 2020 22:17

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 C0DA4

Tot Ion: 97 Resp: 80809
 Ion Ratio Lower Upper
 97 100
 99 63.0 50.7 76.1
 61 49.1 38.9 58.3



#34
 Trichloroethene
 Concen: 93.372 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037928.D
 Acq: 29 Apr 2020 22:17

Tgt Ion: 95 Resp: 439066
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.4 82.5
 132 88.5 65.0 120.6
 130 93.3 65.5 121.7

