

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037908.D
 Acq On : 29 Apr 2020 12:37
 Operator : JC/MD
 Sample : L2395-13DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 01:20:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	646224	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	631464	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	281118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	211055	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.76%
7) Chloroethane-d5	1.93	69	194823	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.04%
11) 1,1-Dichloroethene-d2	2.59	63	319229	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.66	46	431372	96.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	5.10	84	407978	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.74	65	289241	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
32) Benzene-d6	5.76	84	870113	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
36) 1,2-Dichloropropane-d6	6.72	67	292354	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.90%
41) Toluene-d8	7.92	98	780519	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	8.20	79	119653	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.84%
47) 2-Hexanone-d5	8.65	63	303738	93.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	417210	50.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.42%
64) 1,2-Dichlorobenzene-d4	12.20	152	283267	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

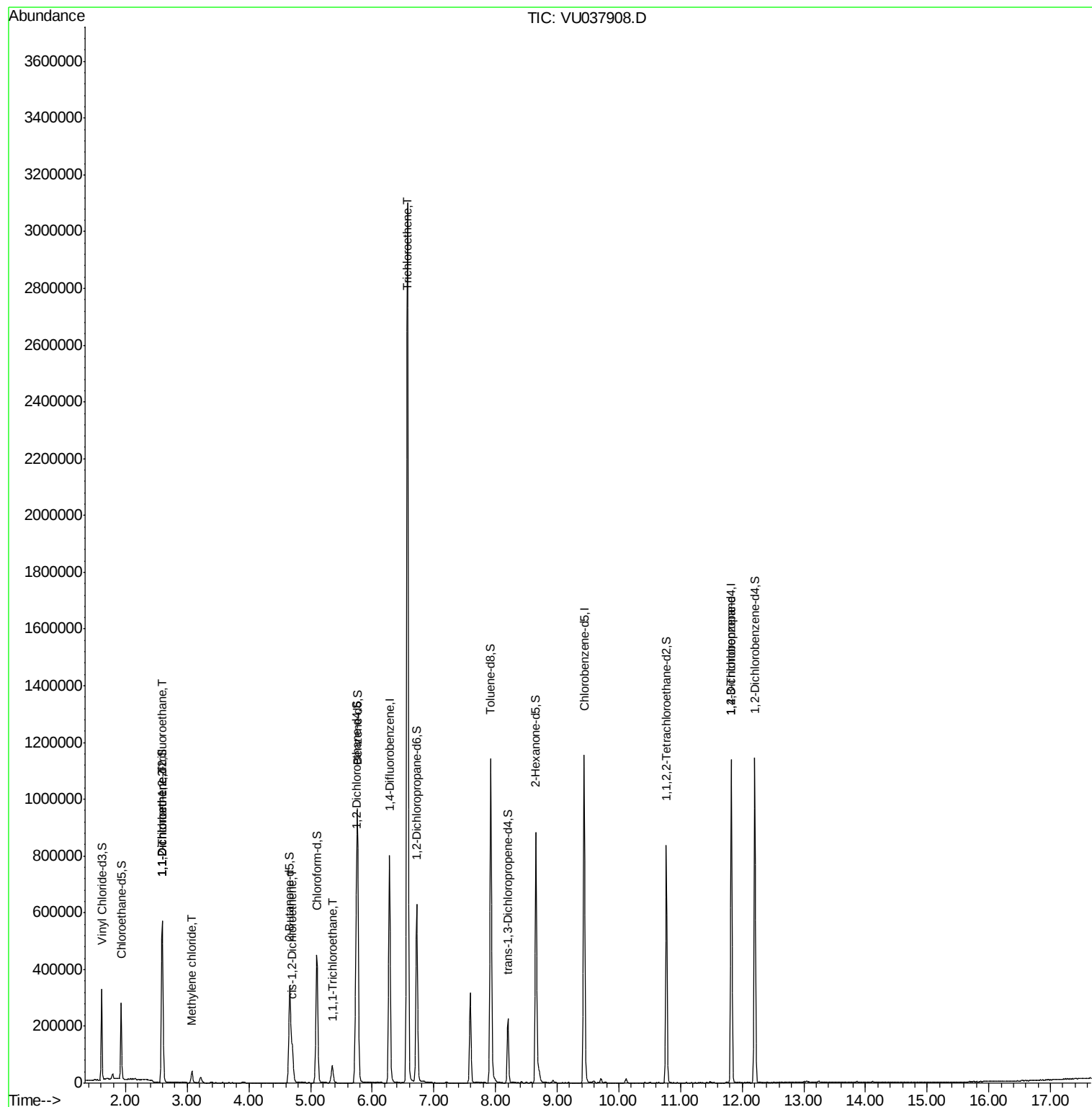
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2836	0.714 ug/L #	23
12) 1,1-Dichloroethene	2.60	96	61627	15.708 ug/L #	50
16) Methylene chloride	3.08	84	19239	4.127 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	53981	11.239 ug/L	90
30) 1,1,1-Trichloroethane	5.35	97	42379	6.009 ug/L	97
34) Trichloroethene	6.57	95	1048175	222.956 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	39402	5.603 ug/L	92

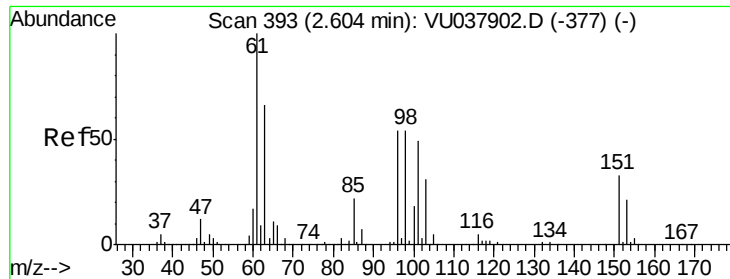
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.714 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037908.D

Acq: 29 Apr 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

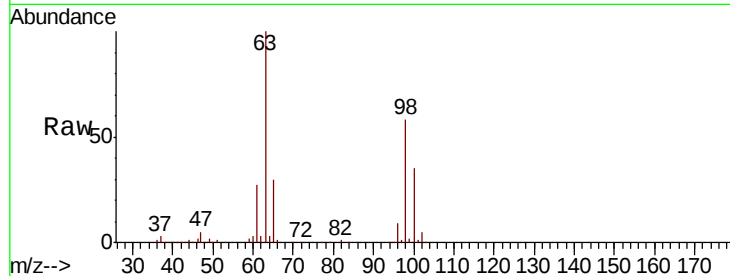
Tot Ion:101 Resp: 2836

Ion Ratio Lower Upper

101 100

85 3.2 36.2 54.4#

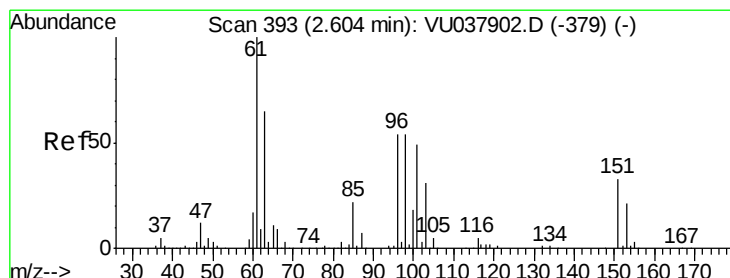
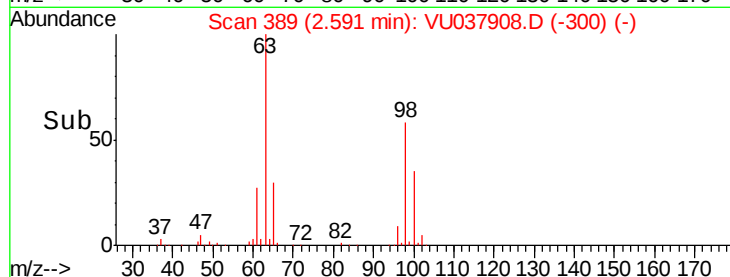
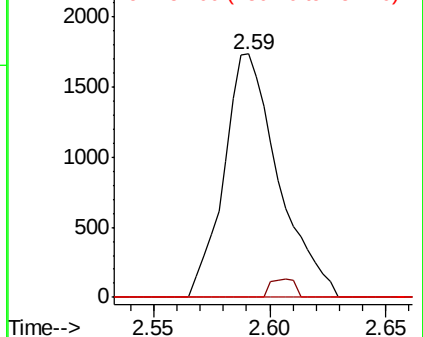
151 0.0 55.5 83.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 15.708 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037908.D

Acq: 29 Apr 2020 12:37

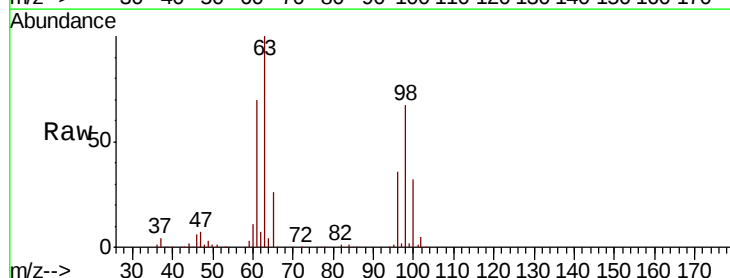
Tgt Ion: 96 Resp: 61627

Ion Ratio Lower Upper

96 100

61 195.4 134.1 249.0

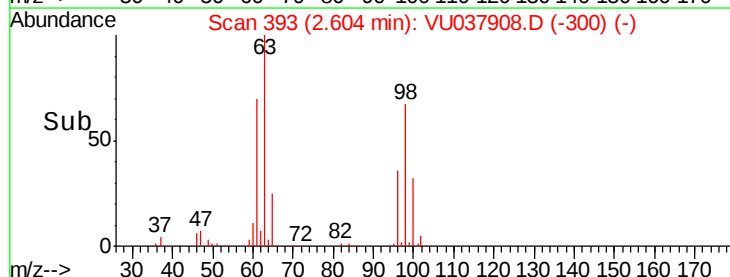
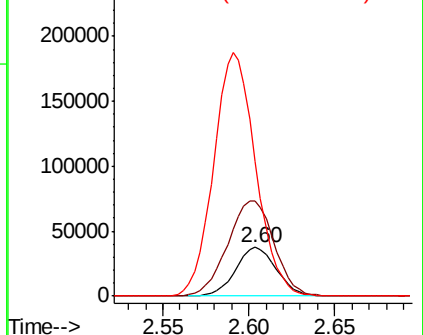
63 278.6 96.5 179.1#

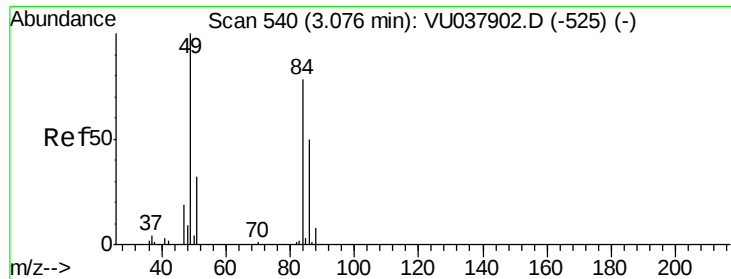


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

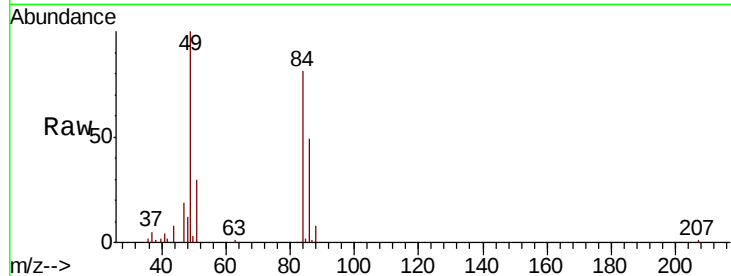




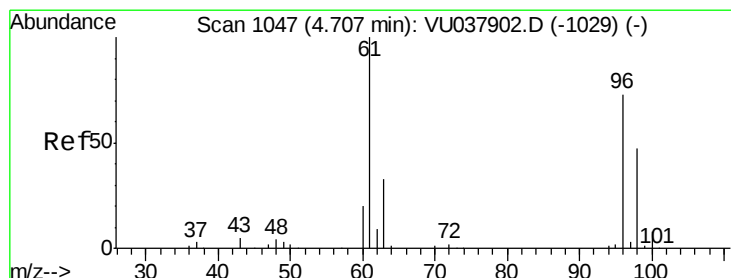
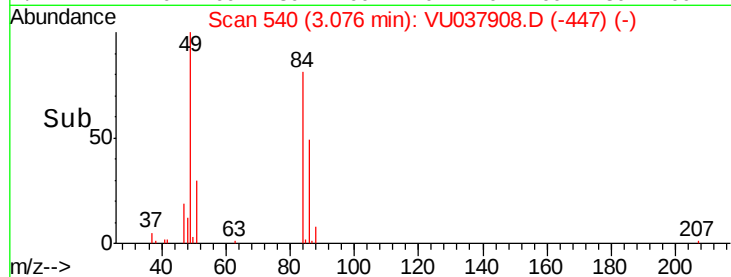
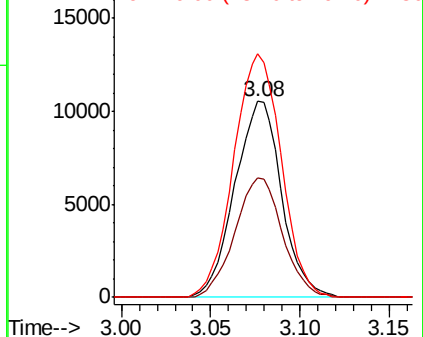
#16
Methvlene chloride
Concen: 4.127 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037908.D
Acq: 29 Apr 2020 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 19239
Ion Ratio Lower Upper
84 100
86 60.7 43.5 80.7
49 124.2 95.1 176.7

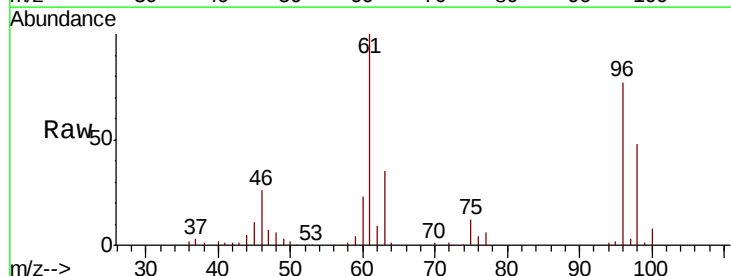


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

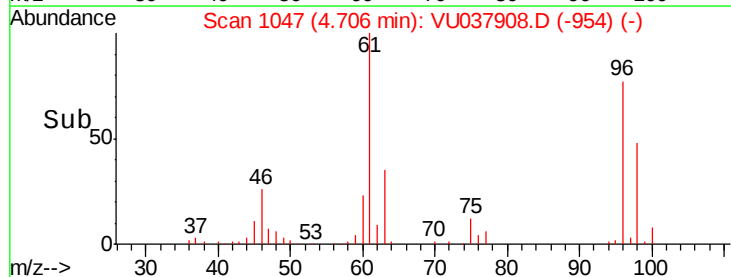
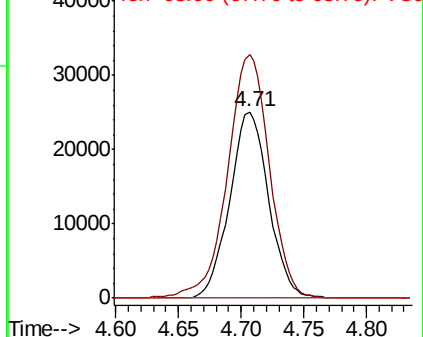


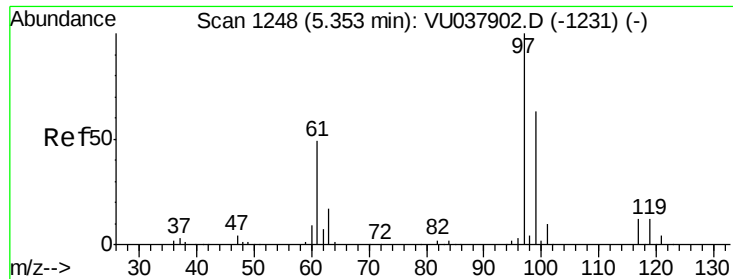
#20
cis-1,2-Dichloroethene
Concen: 11.239 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU037908.D
Acq: 29 Apr 2020 12:37

Tgt Ion: 96 Resp: 53981
Ion Ratio Lower Upper
96 100
61 130.5 100.4 186.4
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

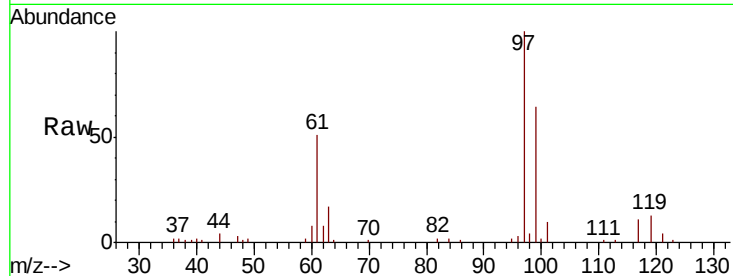




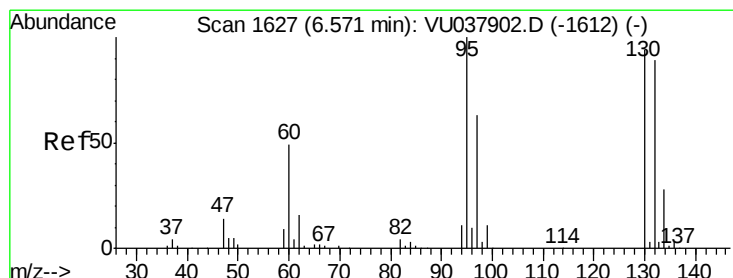
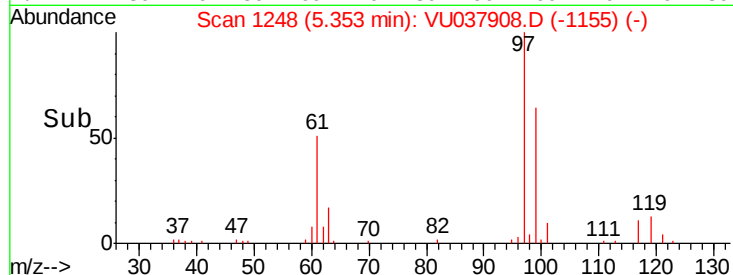
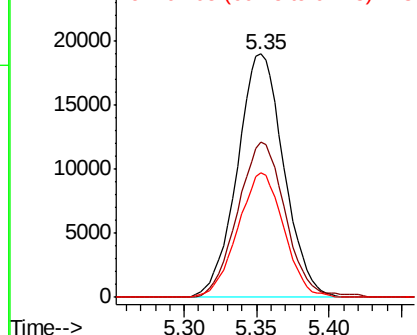
#30
 1,1,1-Trichloroethane
 Concen: 6.009 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037908.D
 Acq: 29 Apr 2020 12:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 42379
 Ion Ratio Lower Upper
 97 100
 99 65.4 50.7 76.1
 61 50.6 38.9 58.3

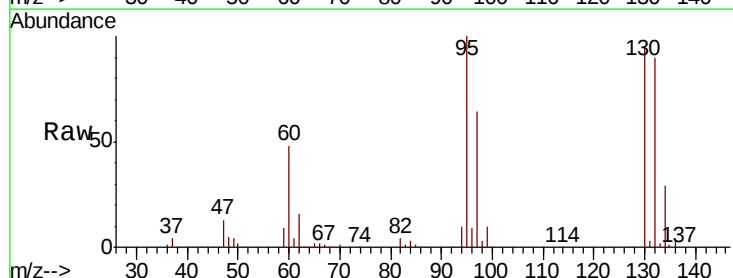


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

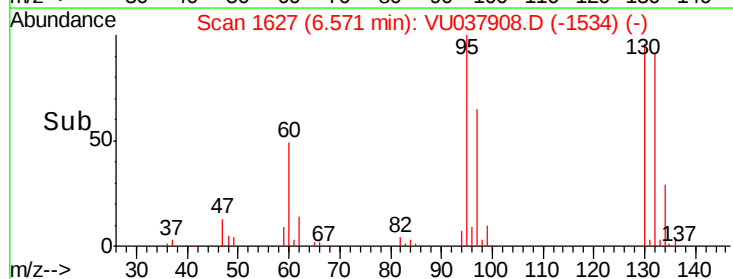
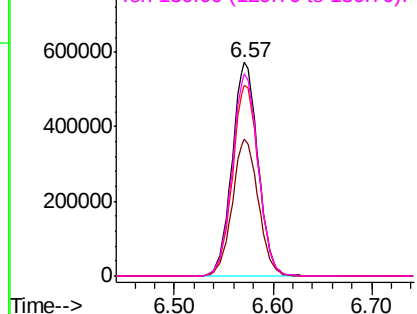


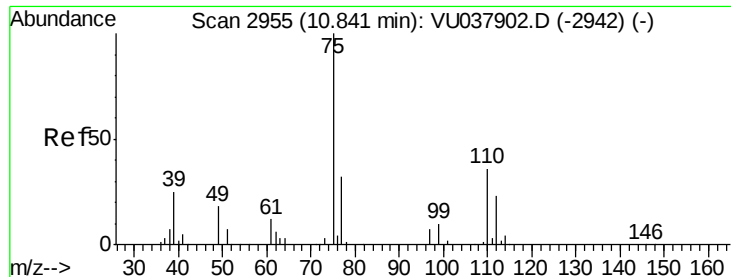
#34
 Trichloroethene
 Concen: 222.956 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037908.D
 Acq: 29 Apr 2020 12:37

Tgt Ion: 95 Resp: 1048175
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.4 82.5
 132 89.6 65.0 120.6
 130 94.5 65.5 121.7



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





#59

1,2,3-Trichloropropane

Concen: 5.603 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037908.D

Acq: 29 Apr 2020 12:37

Instrument :

MSVOA_U

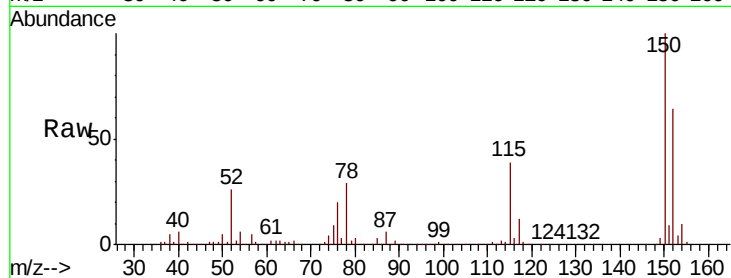
ClientSampleId :

Tot Ion: 75 Resp: 39402

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

