

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037955.D
 Acq On : 30 Apr 2020 16:33
 Operator : JC/MD
 Sample : L2395-15DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 02:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	717383	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	701553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	315618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	296552	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	244069	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.10%
11) 1,1-Dichloroethene-d2	2.59	63	381936	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.66	46	428721	86.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.93%
24) Chloroform-d	5.10	84	437641	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.74	65	319803	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
32) Benzene-d6	5.76	84	989033	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
36) 1,2-Dichloropropane-d6	6.72	67	326430	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.92	98	905975	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	8.20	79	149102	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.65	63	284515	95.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	434827	44.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	311083	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%

Target Compounds

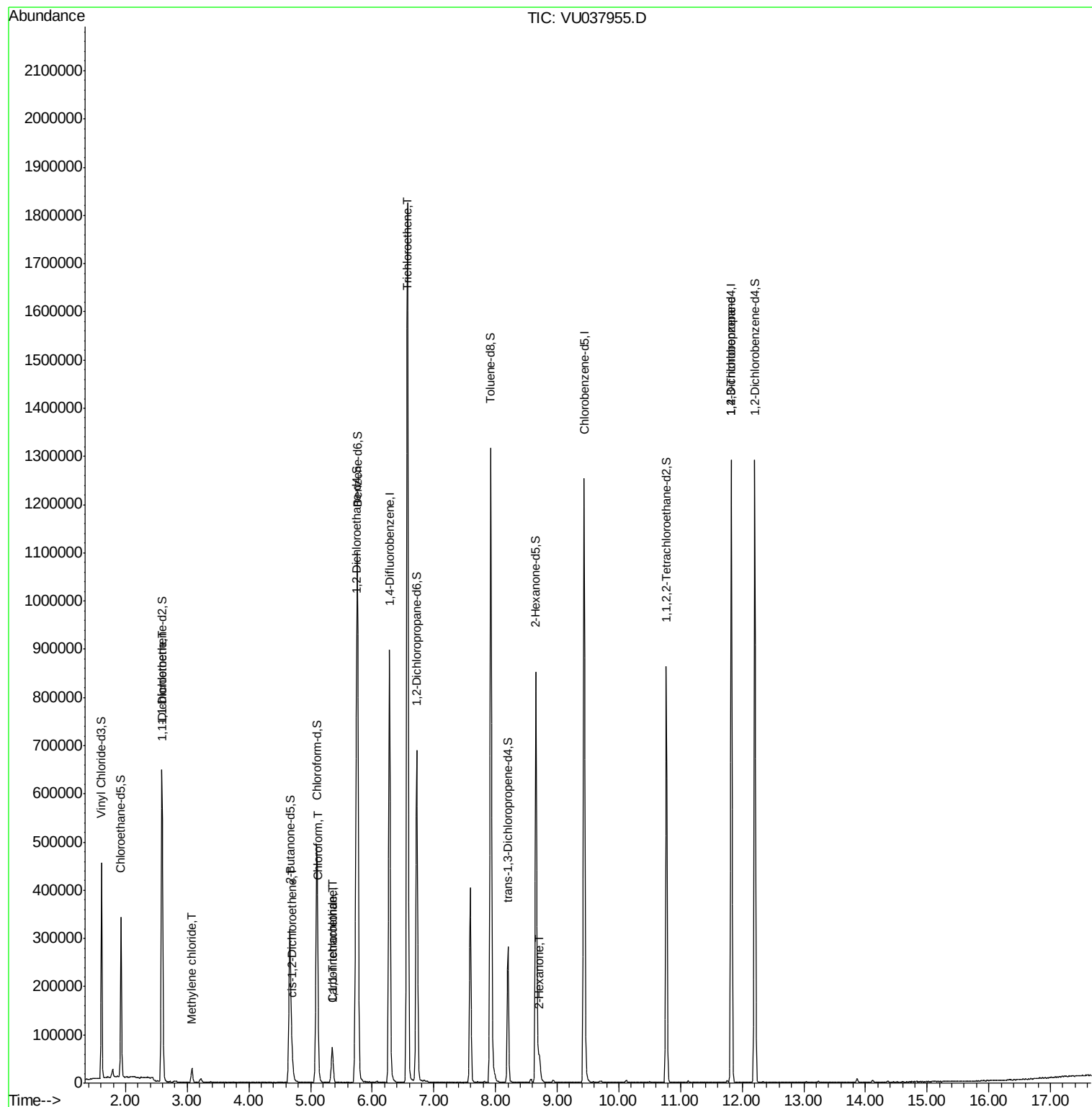
					Ovalue
12) 1,1-Dichloroethene	2.60	96	35985	7.659 ug/L	# 1
16) Methylene chloride	3.08	84	13135	2.372 ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	13139	2.342 ug/L	97
25) Chloroform	5.12	83	21266	2.192 ug/L	92
30) 1,1,1-Trichloroethane	5.35	97	50738	6.506 ug/L	97
31) Carbon tetrachloride	5.35	117	6722	1.092 ug/L	98
34) Trichloroethene	6.57	95	620204	116.621 ug/L	99
48) 2-Hexanone	8.71	43	36779	4.698 ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	44413	5.463 ug/L	93

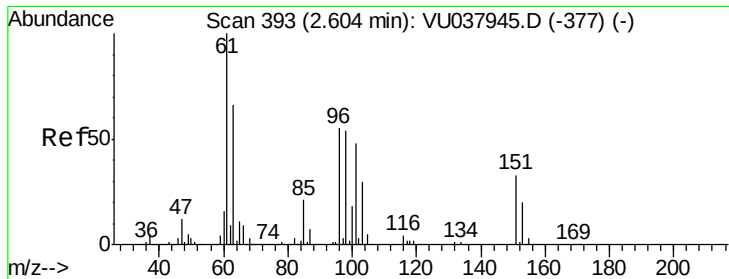
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: May 01 02:20:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration

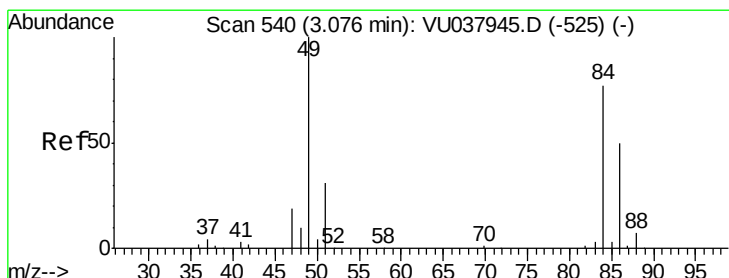
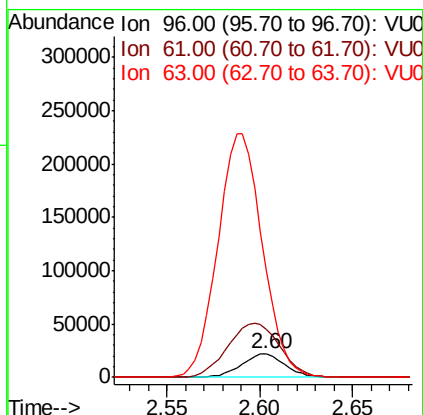
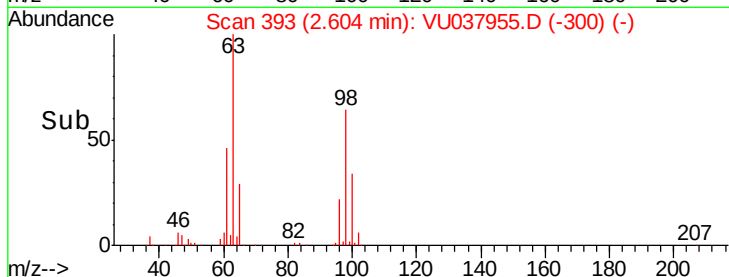
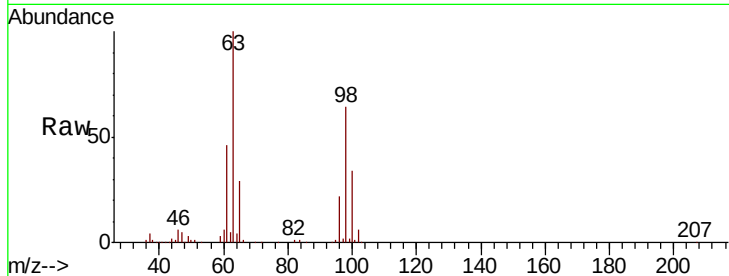




#12
 1,1-Dichloroethene
 Concen: 7.659 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

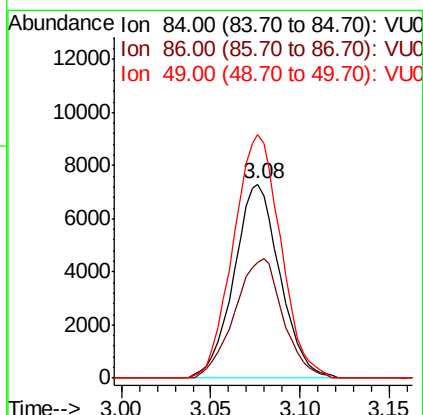
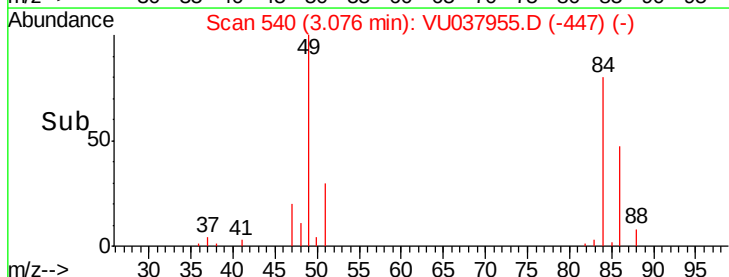
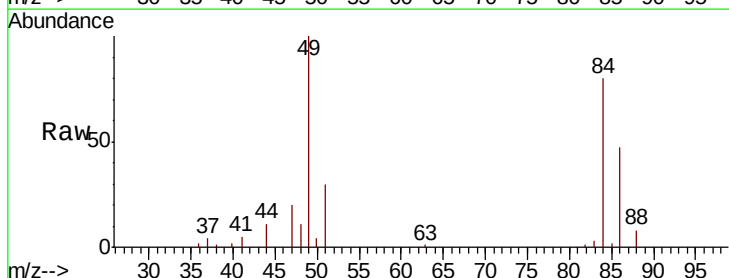
Instrument :
 MSVOA_U
 ClientSampled :

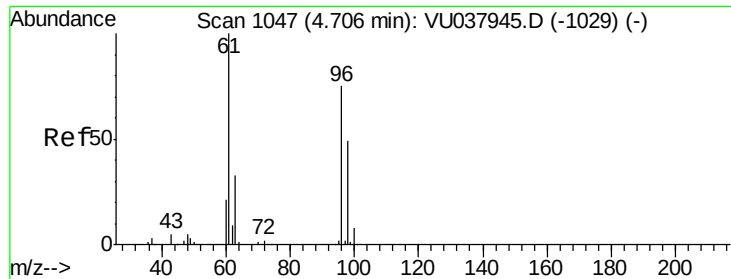
Tot Ion: 96 Resp: 35985
 Ion Ratio Lower Upper
 96 100
 61 204.9 126.1 234.3
 63 446.8 83.4 154.8#



#16
 Methylene chloride
 Concen: 2.372 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

Tgt Ion: 84 Resp: 13135
 Ion Ratio Lower Upper
 84 100
 86 59.6 45.1 83.9
 49 125.7 91.2 169.4

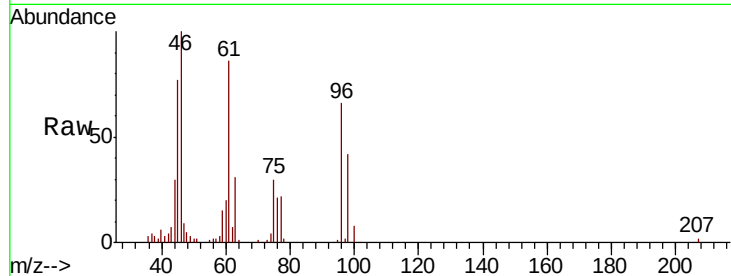




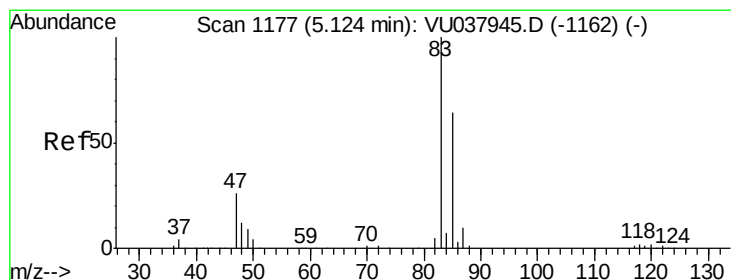
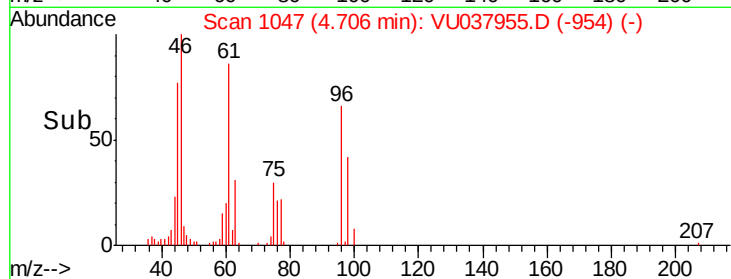
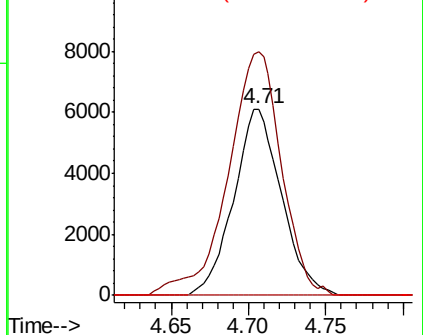
#20
 cis-1,2-Dichloroethene
 Concen: 2.342 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 13139
 Ion Ratio Lower Upper
 96 100
 61 130.6 93.9 174.3
 68 0.0 0.0 0.0

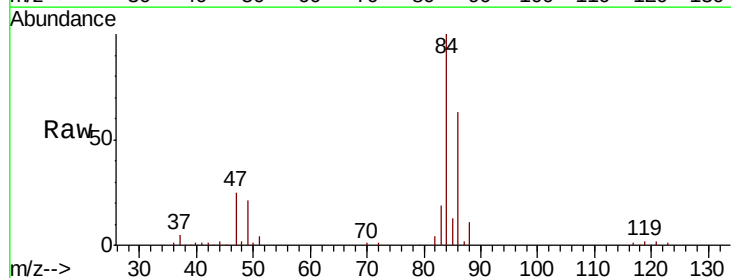


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

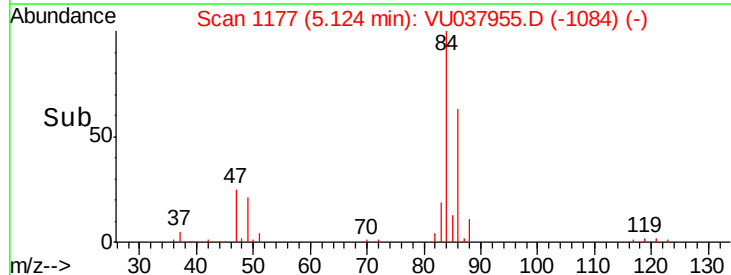
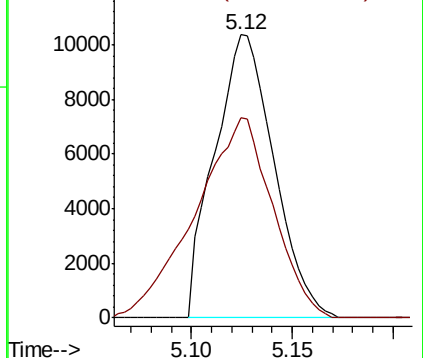


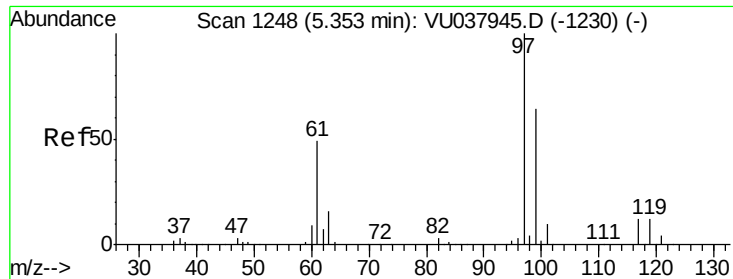
#25
 Chloroform
 Concen: 2.192 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

Tgt Ion: 83 Resp: 21266
 Ion Ratio Lower Upper
 83 100
 85 70.9 45.0 83.6



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

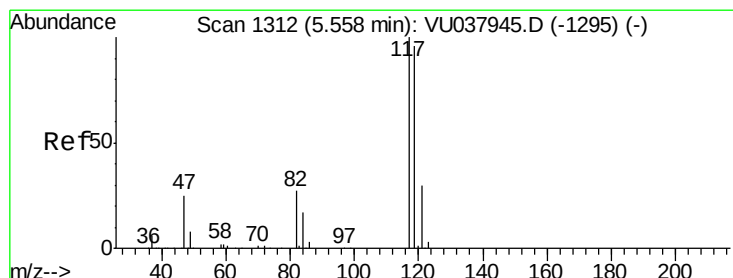
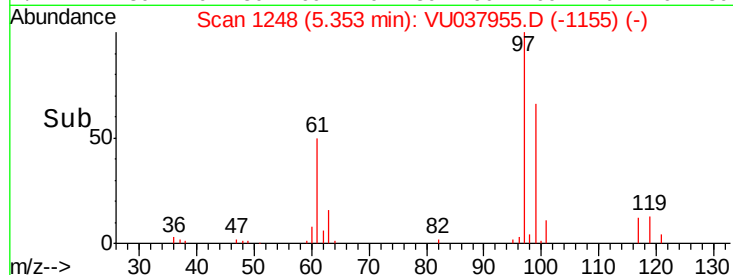
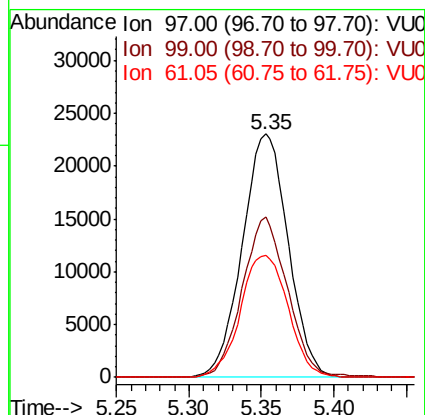
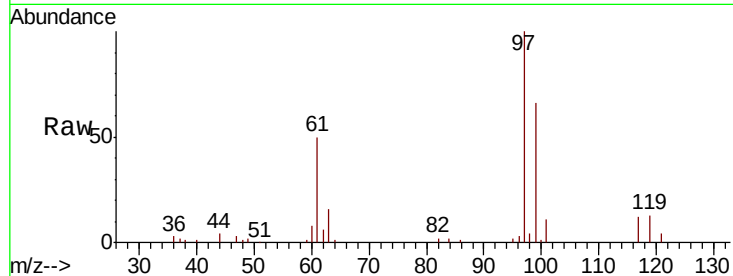




#30
 1,1,1-Trichloroethane
 Concen: 6.506 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

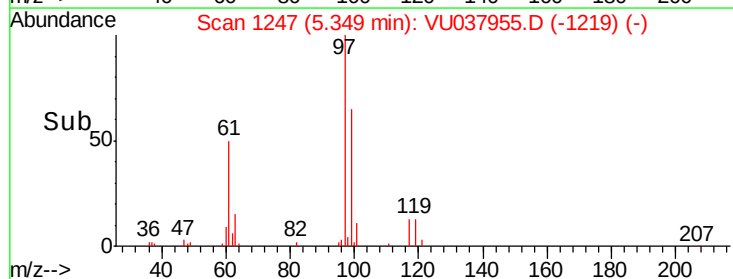
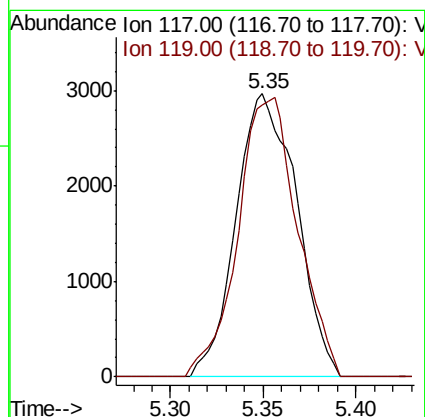
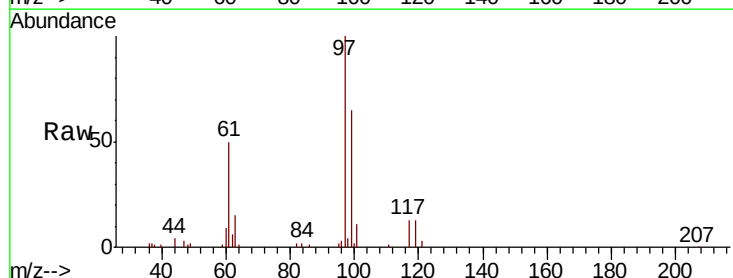
Instrument :
 MSVOA_U
 ClientSampleId :

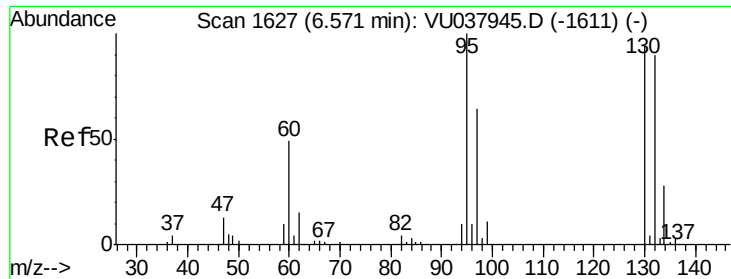
Tot Ion: 97 Resp: 50738
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.5 75.7
 61 52.3 38.8 58.2



#31
 Carbon tetrachloride
 Concen: 1.092 ug/L
 RT: 5.35 min Scan# 1247
 Delta R.T. -0.21 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

Tgt Ion: 117 Resp: 6722
 Ion Ratio Lower Upper
 117 100
 119 97.4 76.7 115.1

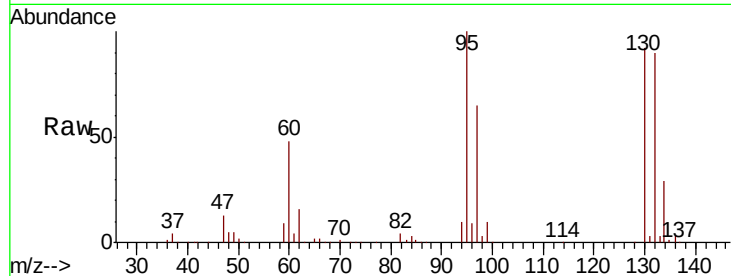




#34
 Trichloroethene
 Concen: 116.621 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

Instrument :
 MSVOA_U
 ClientSampled :

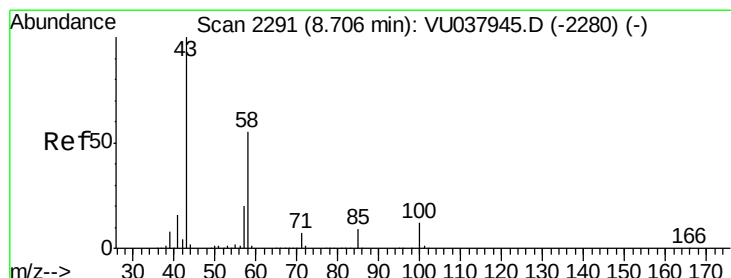
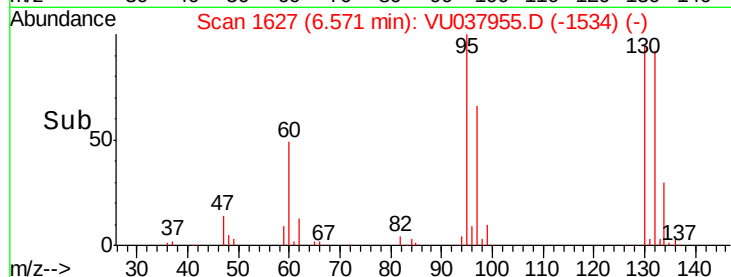
Tot Ion: 95 Resp: 620204
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.9 83.5
 132 90.1 63.2 117.4
 130 92.2 65.9 122.3



Abundance

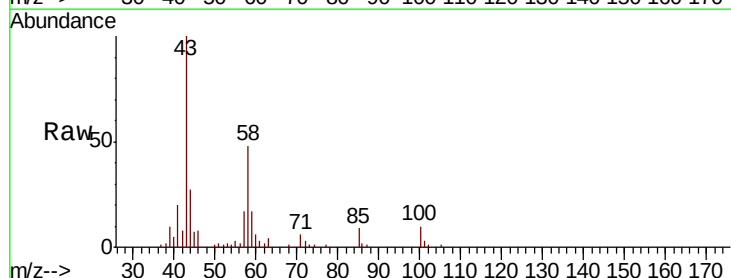
Ion 95.00 (94.70 to 95.70): VU037945.D (-1611) (-)

Time-->



#48
 2-Hexanone
 Concen: 4.698 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

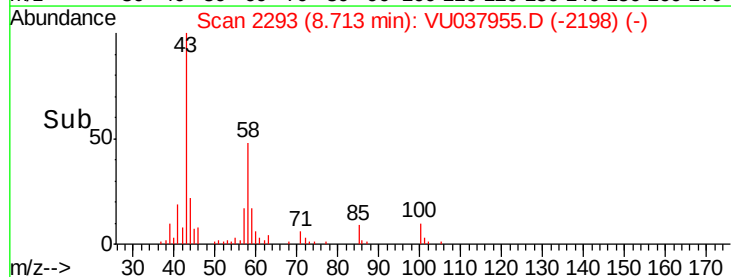
Tgt Ion: 43 Resp: 36779
 Ion Ratio Lower Upper
 43 100
 58 52.1 46.4 69.6
 57 22.7 16.4 24.6
 100 9.8 9.5 14.3

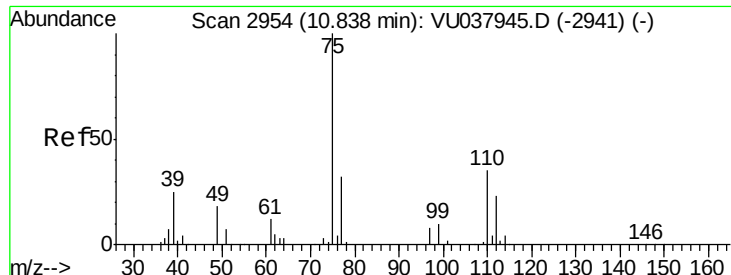


Abundance

Ion 43.00 (42.70 to 43.70): VU037945.D (-2280) (-)

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.463 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037955.D

Acq: 30 Apr 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 44413

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.2

