

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

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DA0

Quant Time: May 01 04:18:10 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

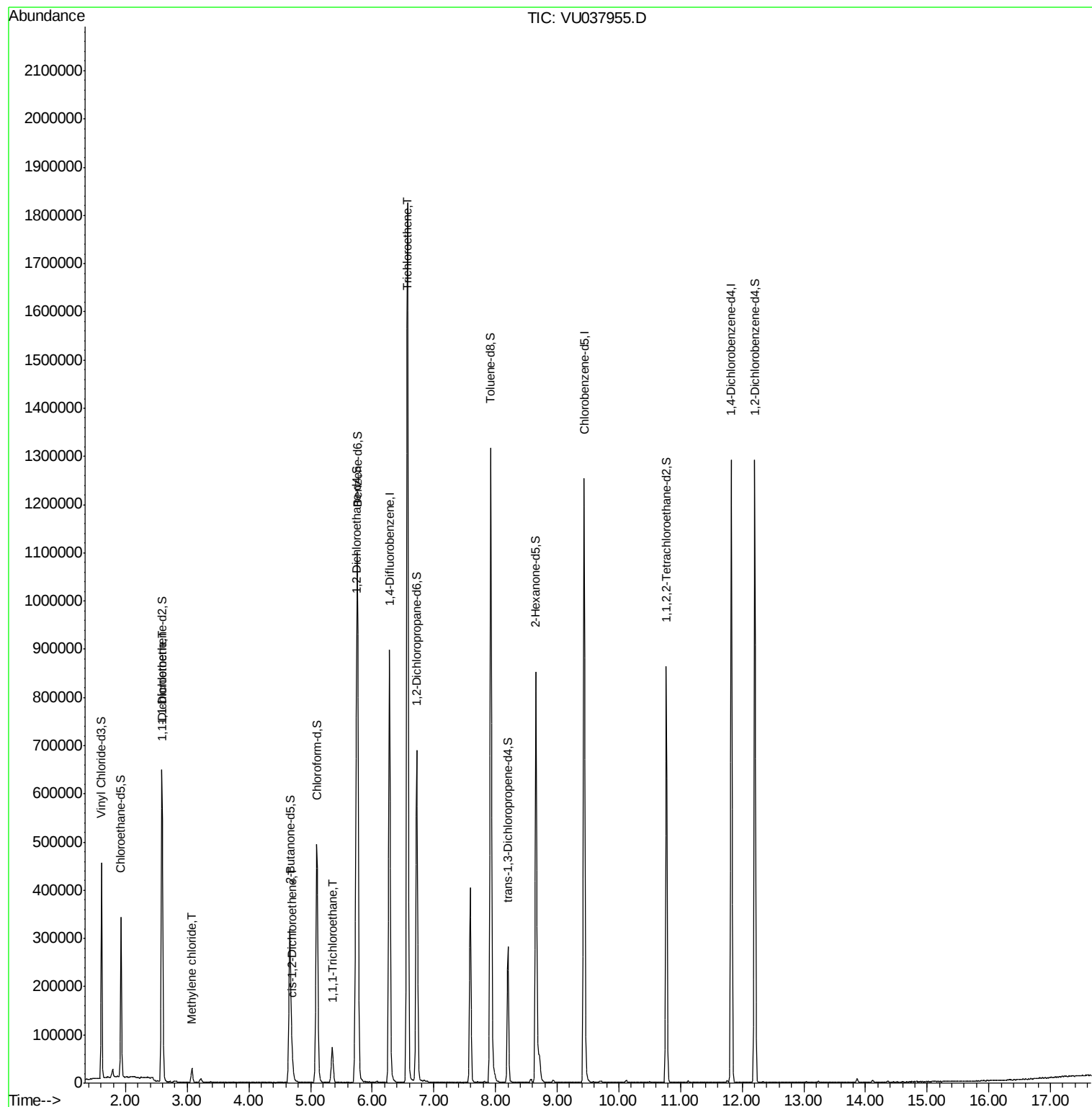
					Ovalue
12) 1,1-Dichloroethene	2.60	96	35985	7.659 ug/L	# 1
16) Methylene chloride	3.08	84	13135	2.372 ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	13139	2.342 ug/L	97
30) 1,1,1-Trichloroethane	5.35	97	50738	6.506 ug/L	97
34) Trichloroethene	6.57	95	620204	116.621 ug/L	99

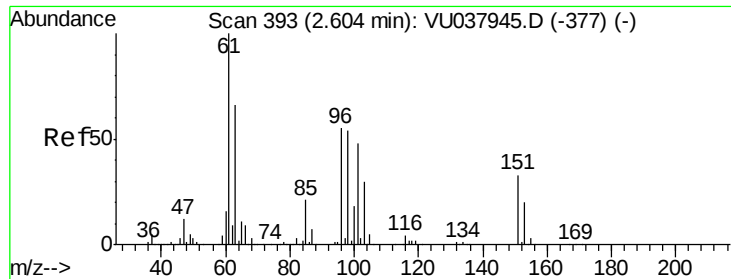
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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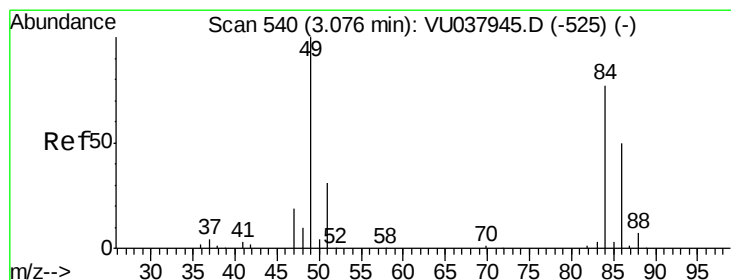
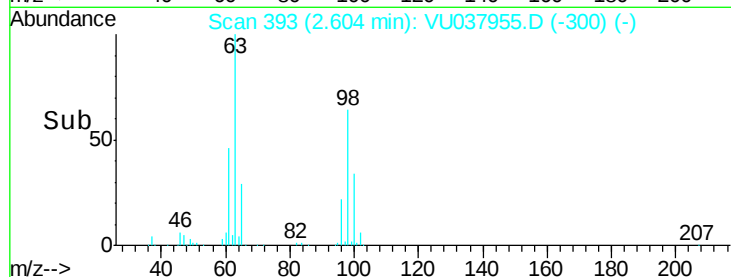
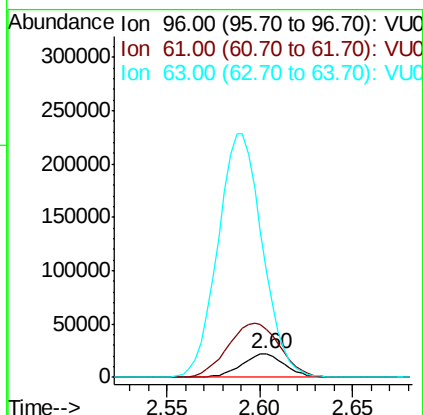
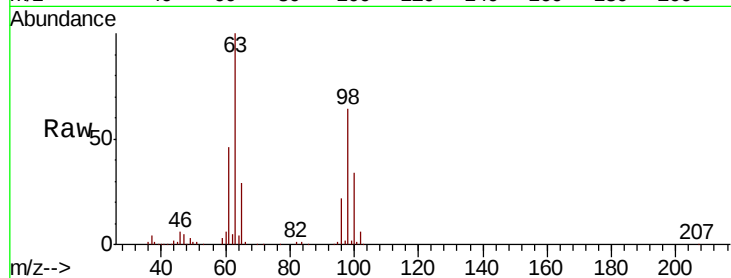




#12
 1,1-Dichloroethene
 Concen: 7.659 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

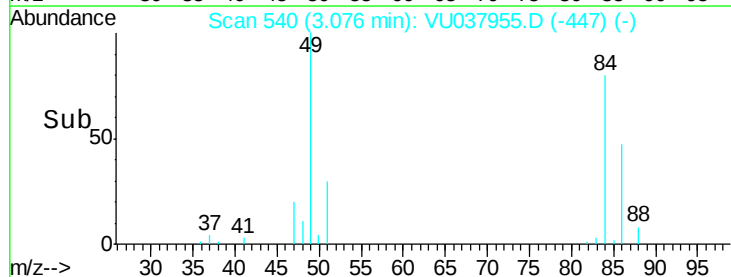
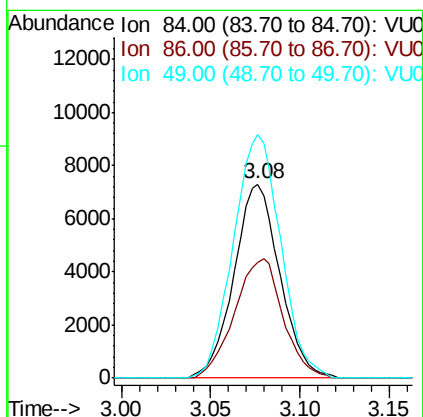
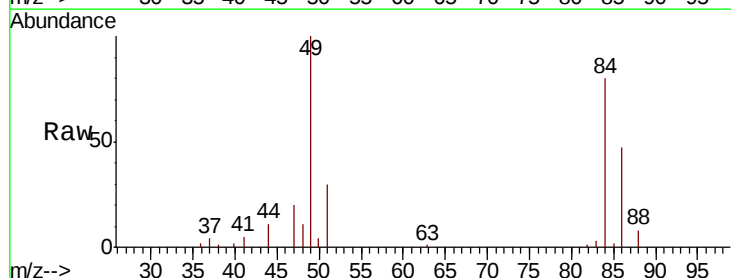
Instrument :
 MSVOA_U
 ClientSampleID :
 C0DA0

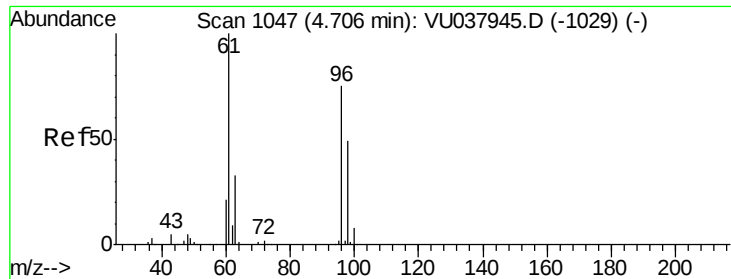
Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	204.9	126.1	234.3
63	63	446.8	83.4	154.8



#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	Ion	Ratio	Lower	Upper
84	84	100		
86	86	59.6	45.1	83.9
49	49	125.7	91.2	169.4

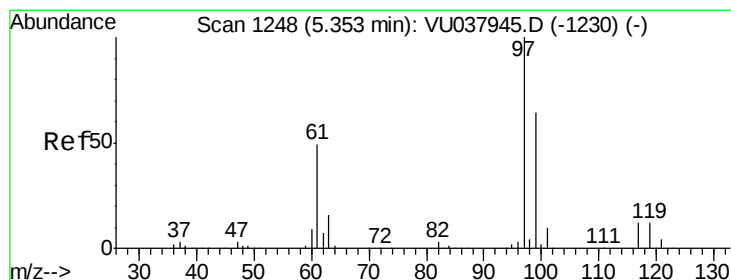
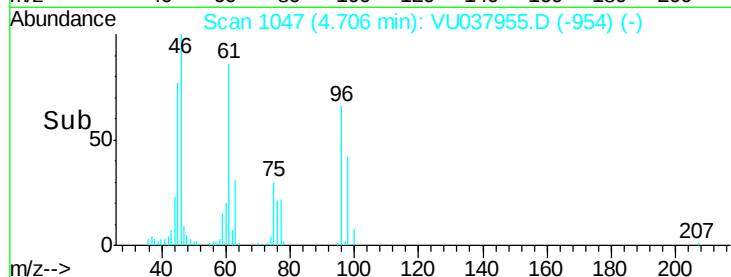
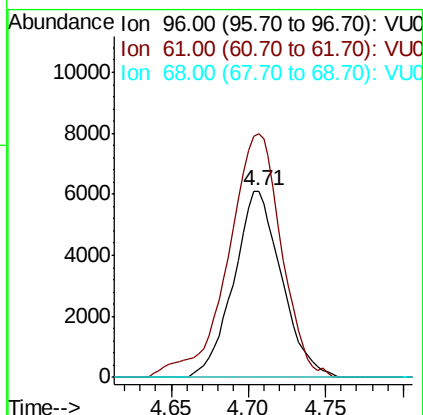
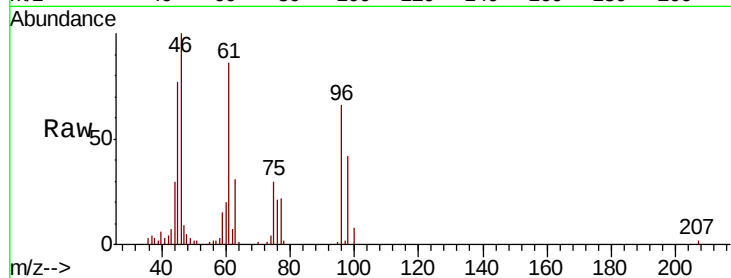




#20
 cis-1,2-Dichloroethene
 Concen: 2.342 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037955.D
 Acq: 30 Apr 2020 16:33

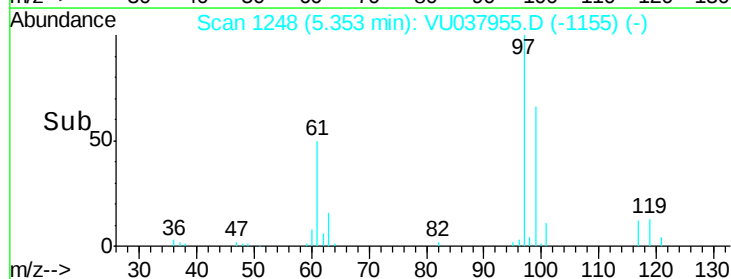
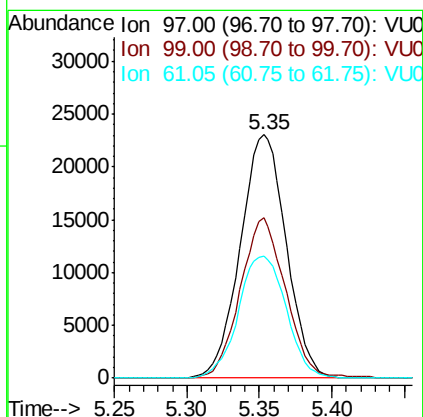
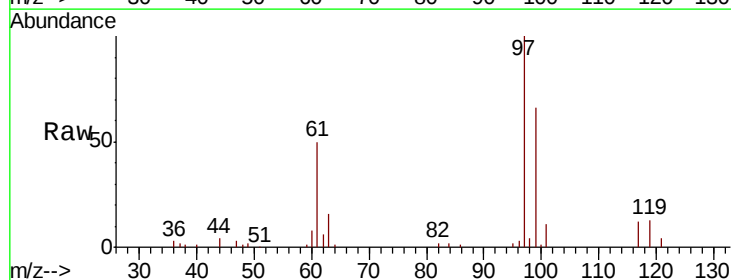
Instrument :
 MSVOA_U
 ClientSampled :
 C0DA0

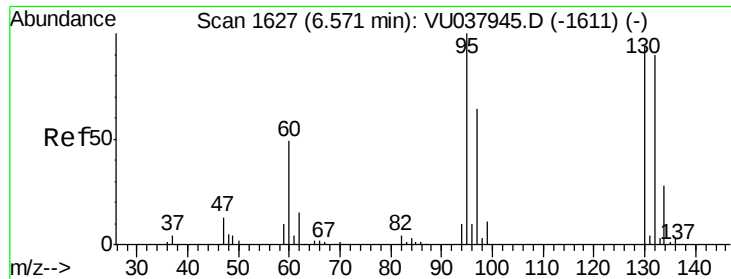
Tot Ion: 96 Resp: 13139
 Ion Ratio Lower Upper
 96 100
 61 130.6 93.9 174.3
 68 0.0 0.0 0.0



#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

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





#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

ClientSampleId :

C0DA0

Tot Ion: 95 Resp: 620204

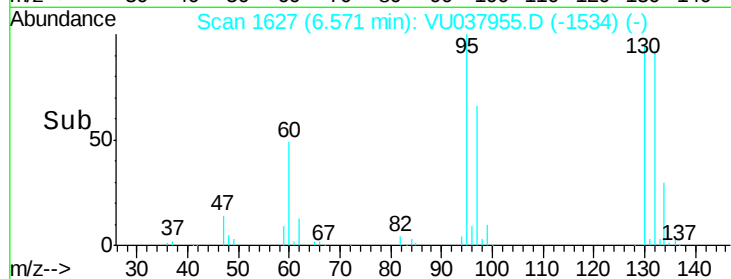
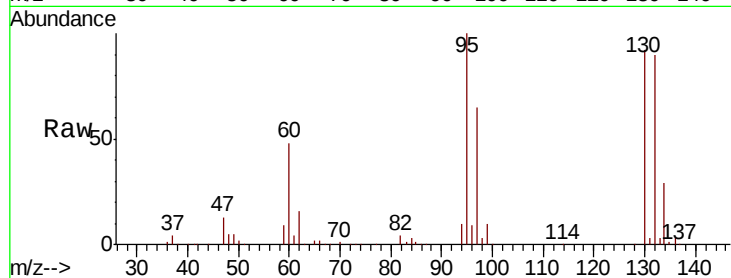
Ion Ratio Lower Upper

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): VU037955.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU037955.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU037955.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU037955.D (-1534) (-)

