

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039780.D
 Acq On : 07 Aug 2020 12:28
 Operator : SY/MD
 Sample : L3572-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L90

Quant Time: Aug 08 04:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18669	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	18711	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	28764	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.67	46	91839	52.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	5.08	84	46083	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.72	65	28949	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.75	84	82061	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	28381	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	63985	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	9139	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	67982	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26957	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	28727	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

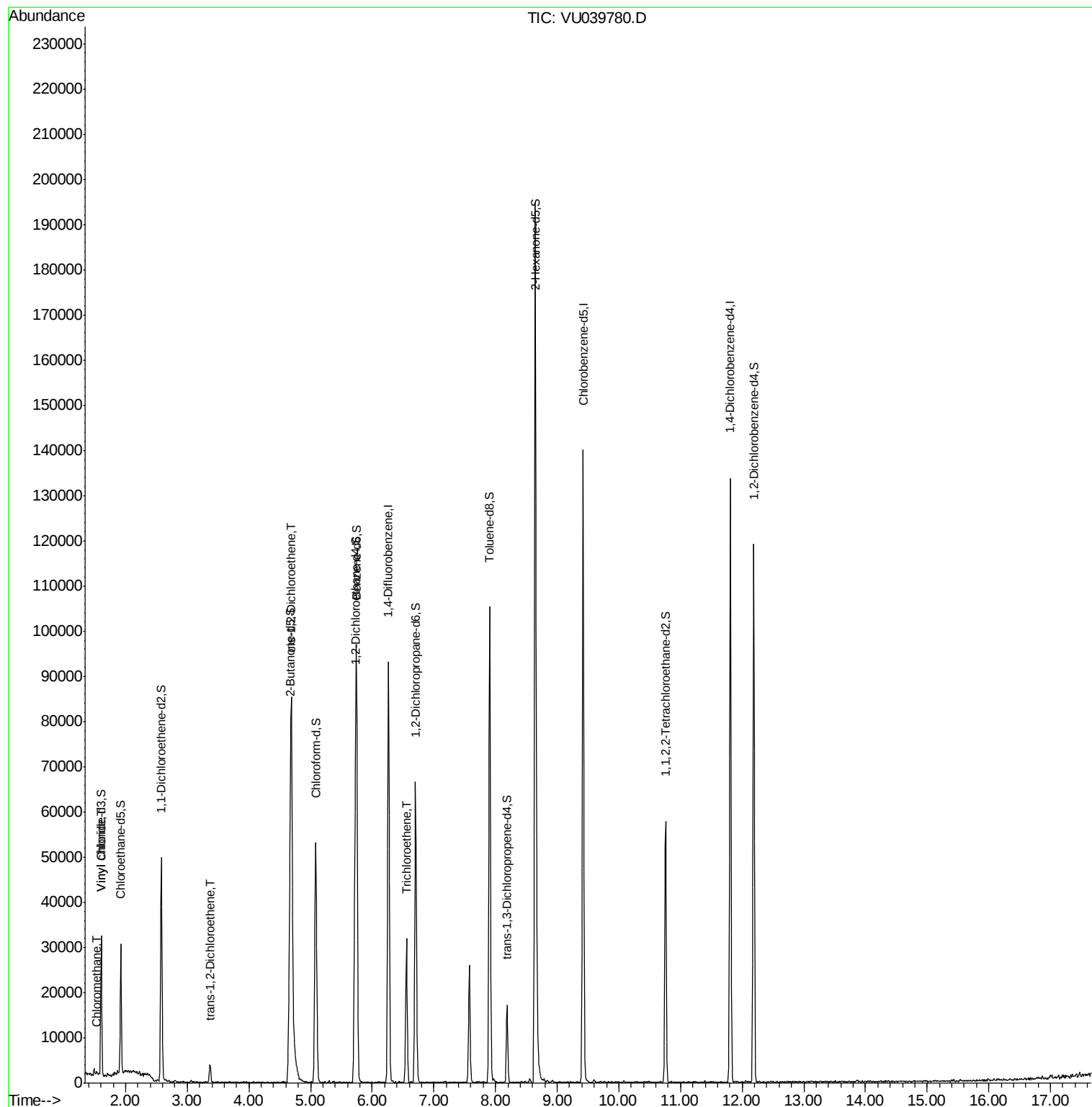
					Ovalue
3) Chloromethane	1.53	50	712	0.113 ug/L	93
5) Vinyl chloride	1.61	62	1037	0.172 ug/L #	52
18) trans-1,2-Dichloroethene	3.37	96	1559	0.317 ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	28966	5.420 ug/L	98
34) Trichloroethene	6.56	95	9327	1.790 ug/L	98

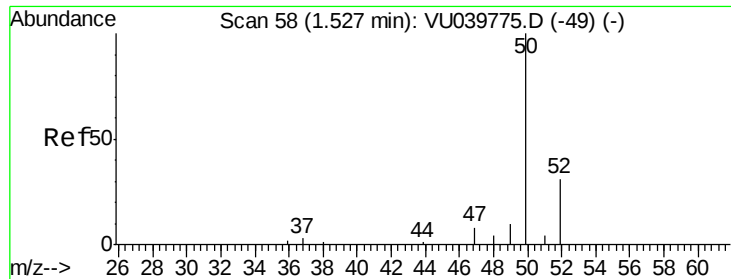
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
Data File : VU039780.D
Acq On : 07 Aug 2020 12:28
Operator : SY/MD
Sample : L3572-21
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2L90

Quant Time: Aug 08 04:01:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

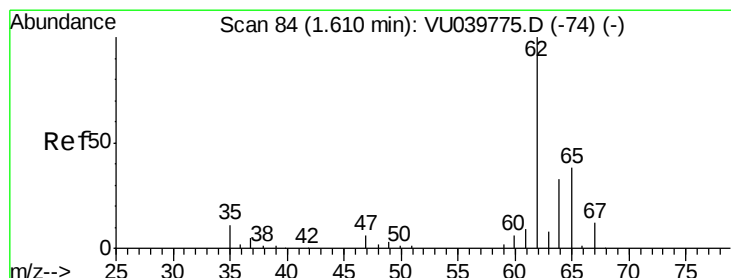
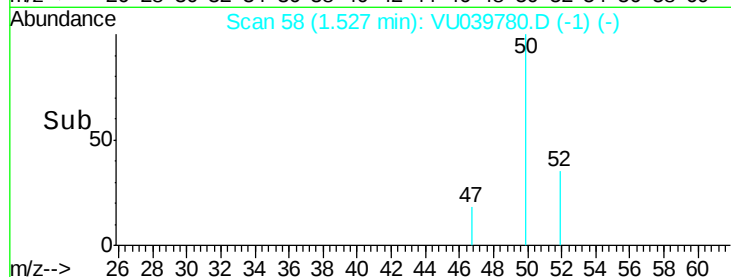
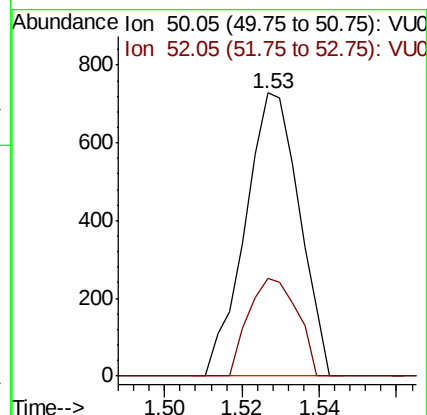
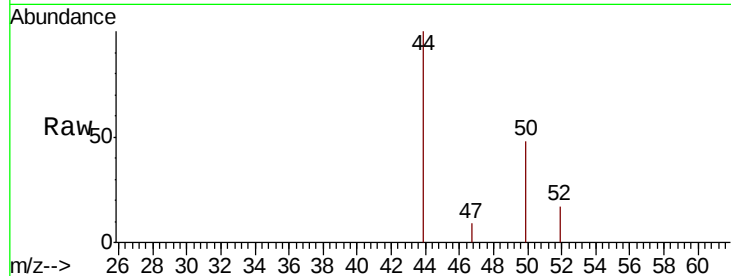




#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

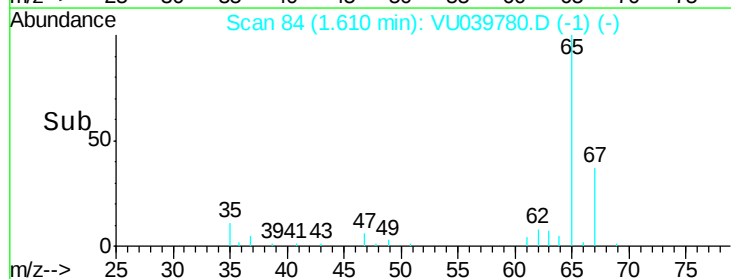
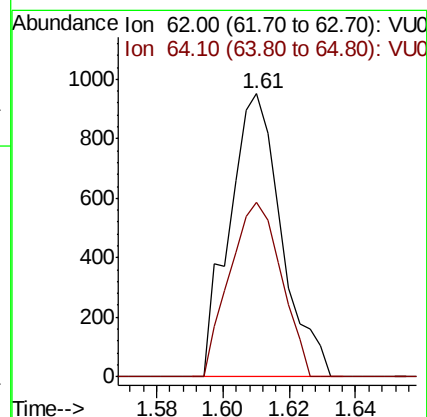
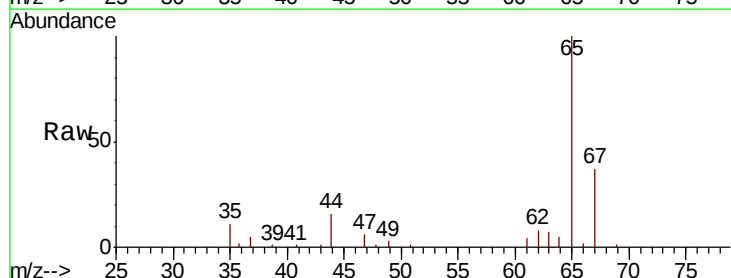
Instrument :
MSVOA_U
ClientSampled :
F2L90

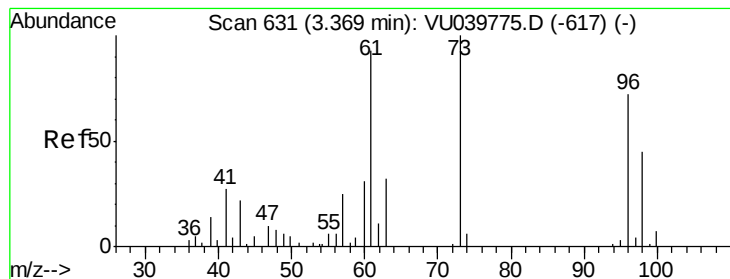
Tot Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 34.8 21.6 40.0



#5
Vinyl chloride
Concen: 0.172 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Tgt Ion: 62 Resp: 1037
Ion Ratio Lower Upper
62 100
64 61.8 24.1 44.7#





#18

trans-1,2-Dichloroethene

Concen: 0.317 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039780.D

Acq: 07 Aug 2020 12:28

Instrument :

MSVOA_U

ClientSampleId :

F2L90

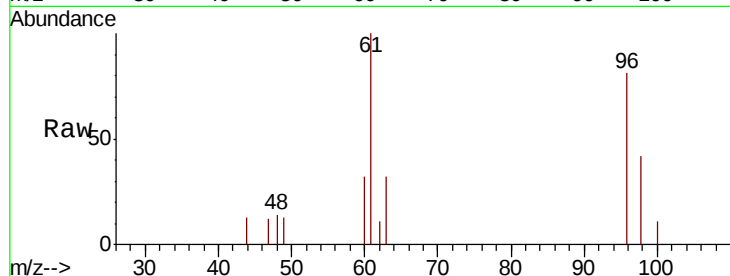
Tot Ion: 96 Resp: 1559

Ion Ratio Lower Upper

96 100

61 124.1 96.5 179.1

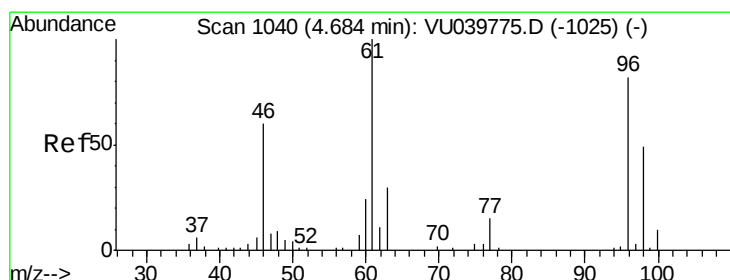
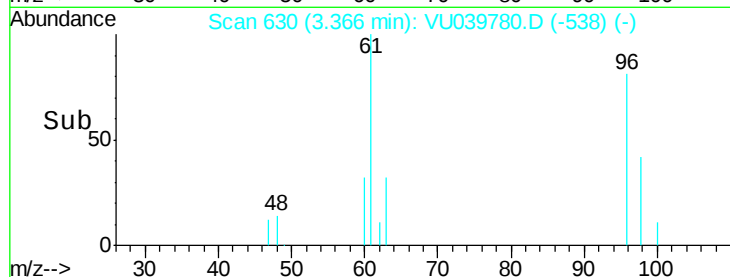
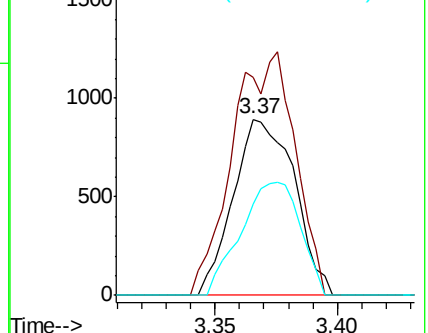
98 51.8 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039775.D (-617) (-)

Ion 61.05 (60.75 to 61.75): VU039775.D (-617) (-)

Ion 97.95 (97.65 to 98.65): VU039775.D (-617) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.420 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039780.D

Acq: 07 Aug 2020 12:28

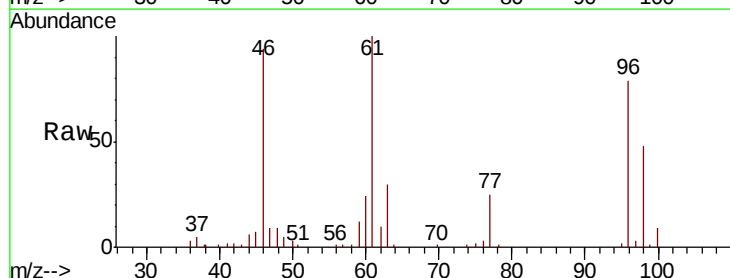
Tgt Ion: 96 Resp: 28966

Ion Ratio Lower Upper

96 100

61 127.3 87.4 162.2

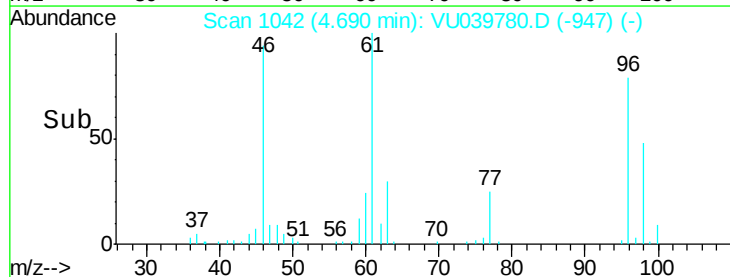
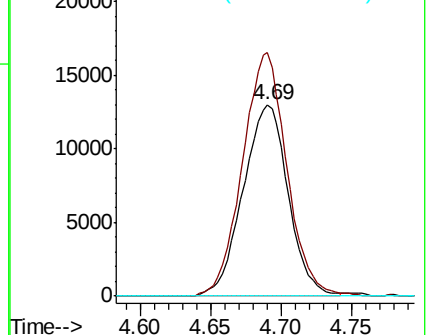
68 0.0 0.0 0.0

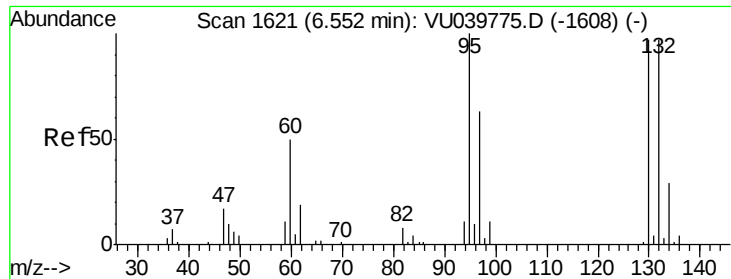


Abundance Ion 96.00 (95.70 to 96.70): VU039775.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU039775.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU039775.D (-1025) (-)





#34

Trichloroethene

Concen: 1.790 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039780.D

Acq: 07 Aug 2020 12:28

Instrument :

MSVOA_U

ClientSampleId :

F2L90

Tot Ion: 95 Resp: 9327

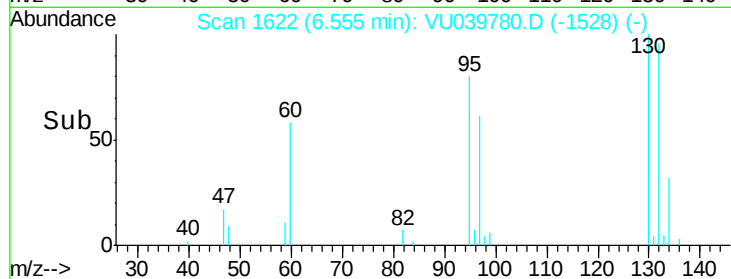
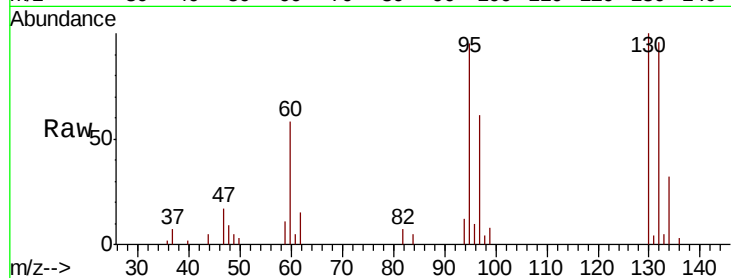
Ion Ratio Lower Upper

95 100

97 63.5 44.0 81.8

132 100.6 71.7 133.3

130 104.8 71.1 132.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

