

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037513.D
 Acq On : 31 Mar 2020 22:26
 Operator : JC/MD
 Sample : L2065-07MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:29:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	88028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	82487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39788	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21439	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.93	69	21237	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.59	63	46356	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.69	46	97567	49.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.52%
24) Chloroform-d	5.10	84	49079	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.74	65	27965	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	5.76	84	92259	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.72	67	34001	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.92	98	80753	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.20	79	14362	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.66	63	84536	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	30547	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	30061	3.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.00%#

Target Compounds

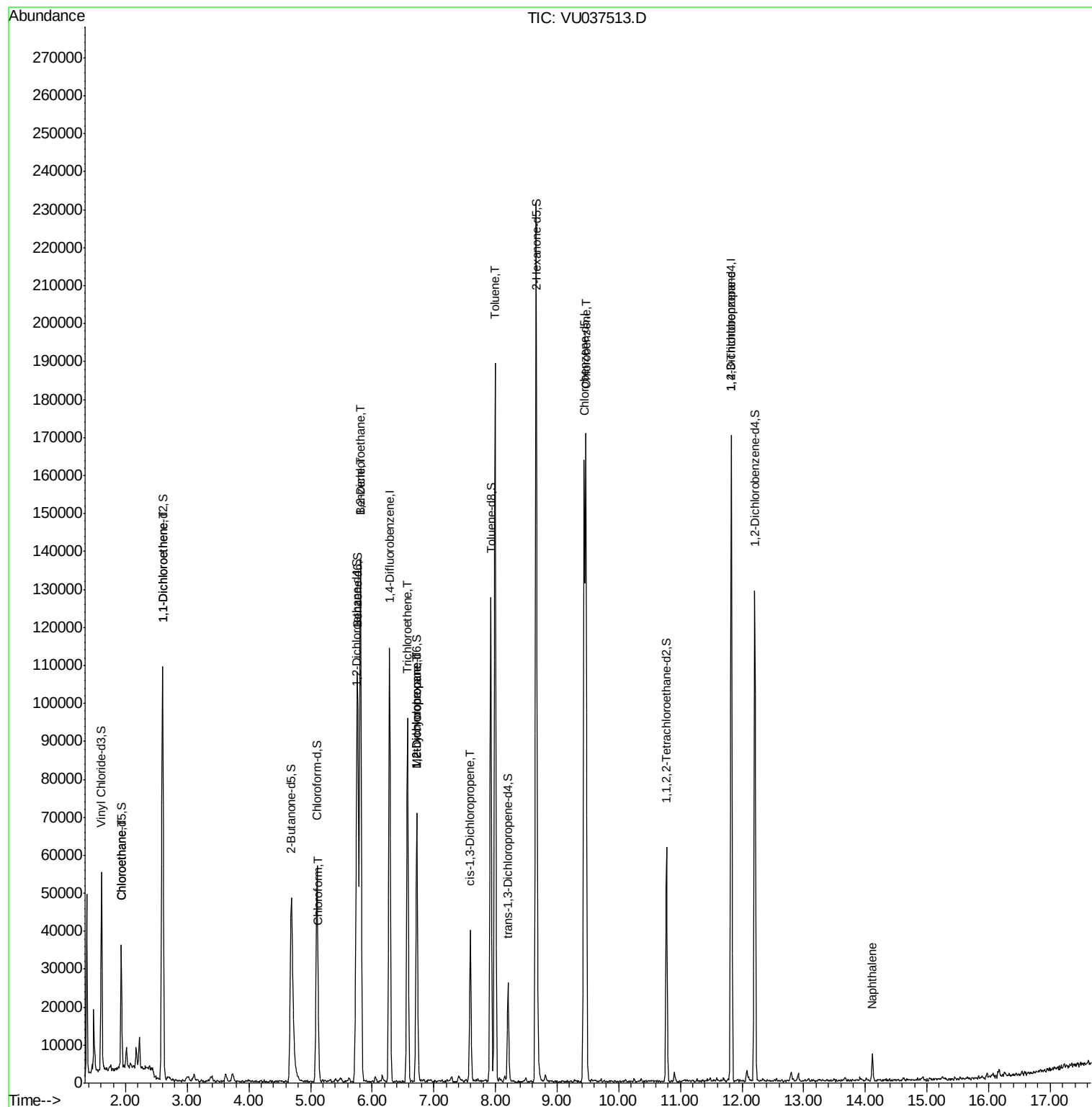
					Ovalue
8) Chloroethane	1.94	64	666	0.161 ug/L #	44
12) 1,1-Dichloroethene	2.60	96	26909	4.561 ug/L	97
25) Chloroform	5.13	83	3539	0.300 ug/L	94
27) 1,2-Dichloroethane	5.81	62	1101	0.138 ug/L #	78
33) Benzene	5.81	78	122226	4.758 ug/L	100
34) Trichloroethene	6.57	95	31769	4.644 ug/L	97
35) Methylcyclohexane	6.72	83	7459	0.666 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	3441	0.505 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1241	0.117 ug/L #	60
42) Toluene	7.99	91	132543	4.893 ug/L	99
51) Chlorobenzene	9.47	112	82539	4.890 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	6183	1.320 ug/L	98
69) Naphthalene	14.11	128	5709	0.282 ug/L	96

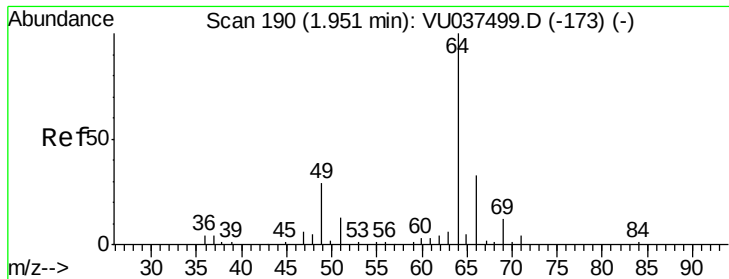
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037513.D
Acq On : 31 Mar 2020 22:26
Operator : JC/MD
Sample : L2065-07MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 01 01:29:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.161 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

Instrument :

MSVOA_U

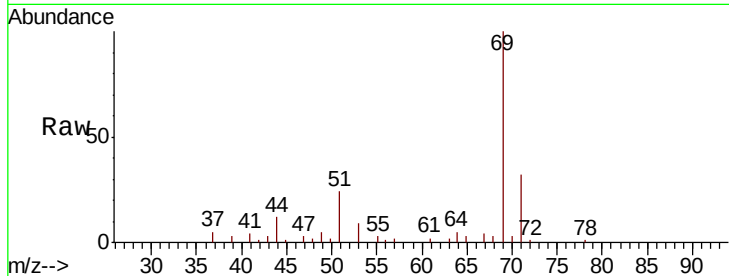
ClientSampleId :

Tot Ion: 64 Resp: 666

Ion Ratio Lower Upper

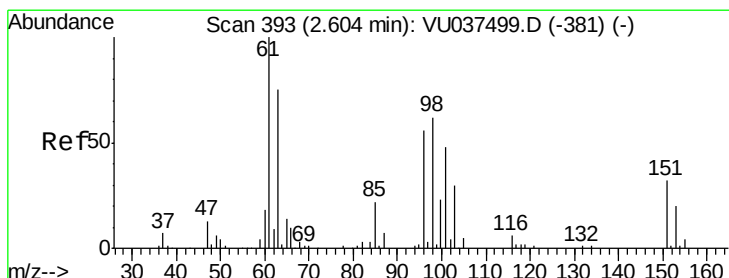
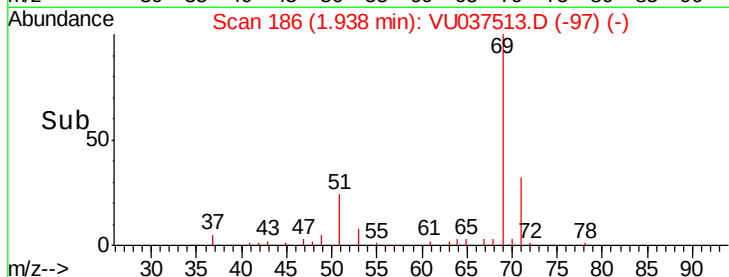
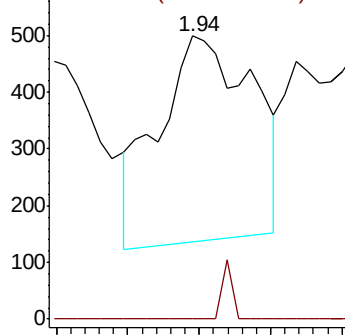
64 100

66 0.0 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#12

1,1-Dichloroethene

Concen: 4.561 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

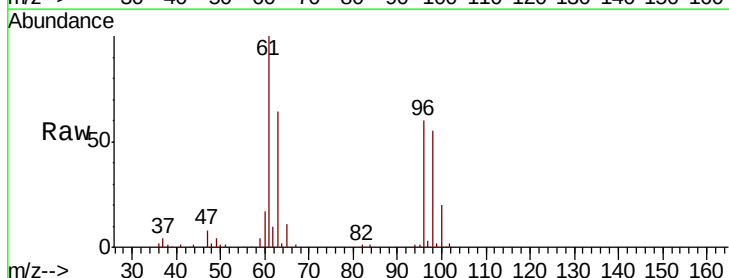
Tgt Ion: 96 Resp: 26909

Ion Ratio Lower Upper

96 100

61 166.4 116.2 215.8

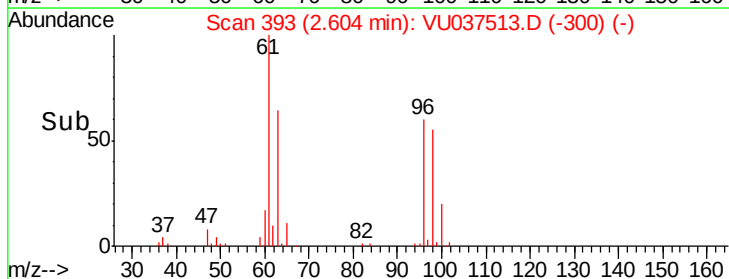
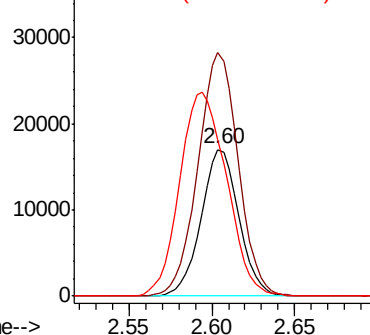
63 106.8 79.2 147.0

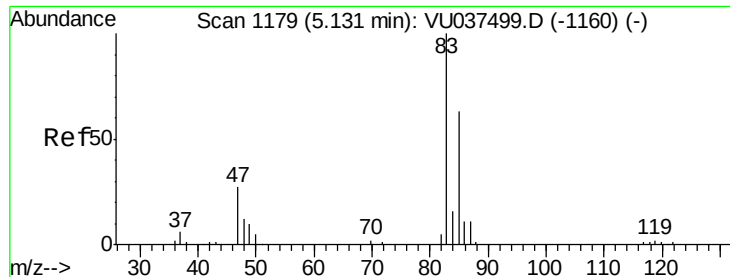


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

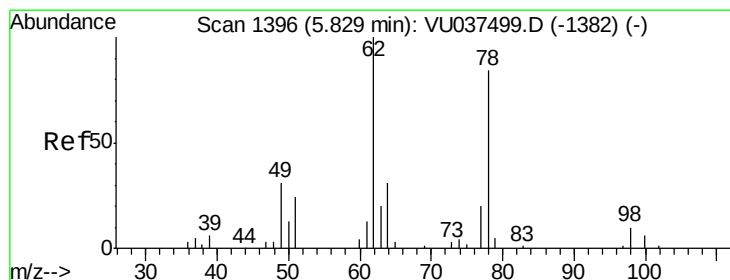
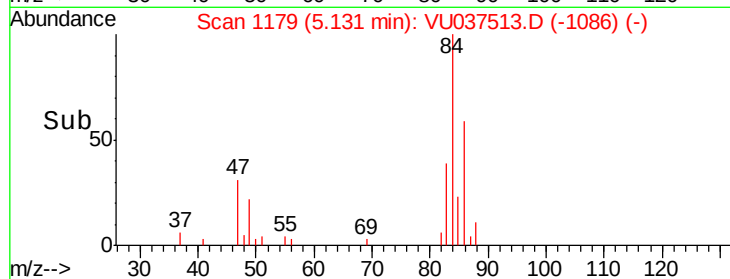
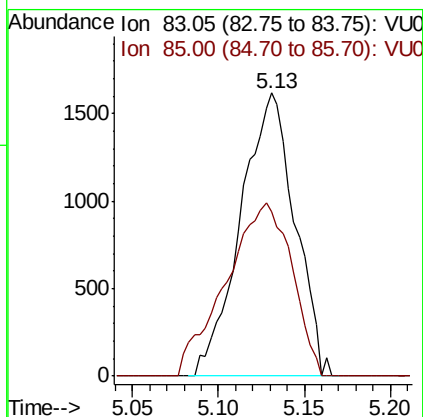
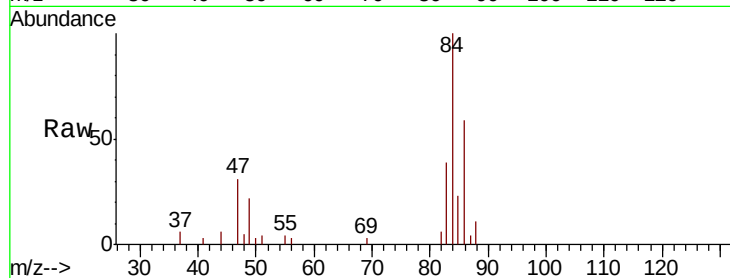




#25
Chloroform
Concen: 0.300 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037513.D
Acq: 31 Mar 2020 22:26

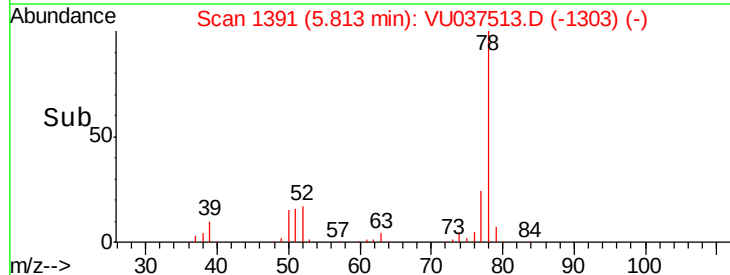
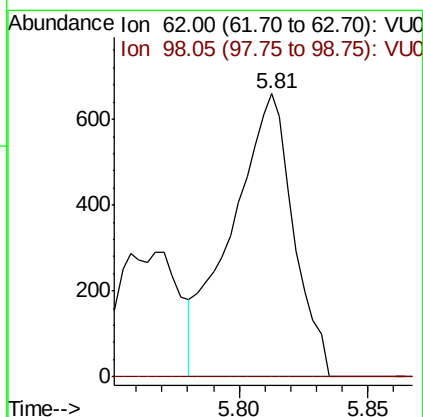
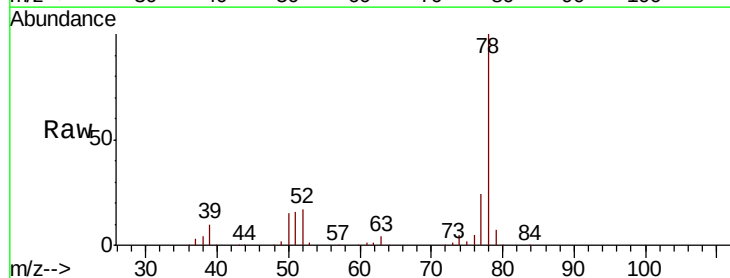
Instrument :
MSVOA_U
ClientSampled :

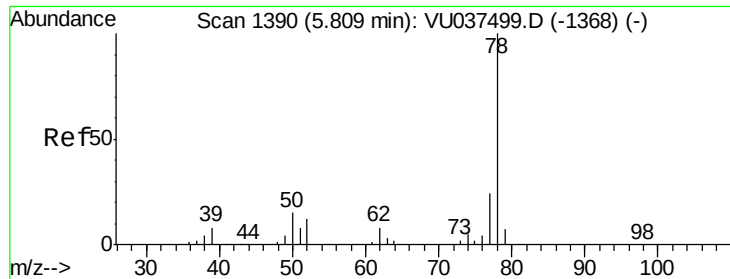
Tot Ion: 83 Resp: 3539
Ion Ratio Lower Upper
83 100
85 58.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 0.138 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. -0.02 min
Lab File: VU037513.D
Acq: 31 Mar 2020 22:26

Tgt Ion: 62 Resp: 1101
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#





#33

Benzene

Concen: 4.758 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037513.D

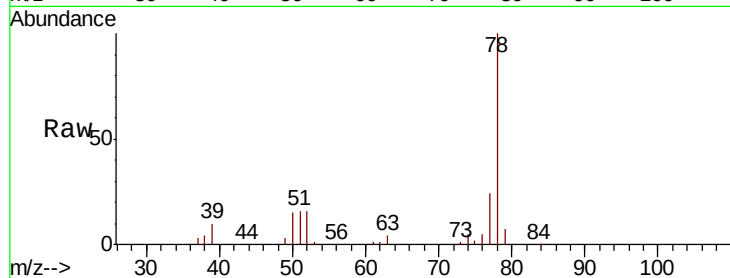
Acq: 31 Mar 2020 22:26

Instrument :

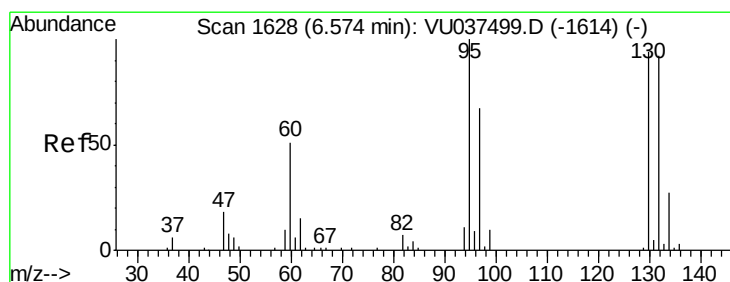
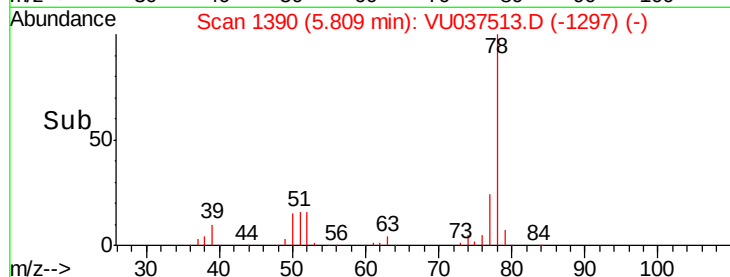
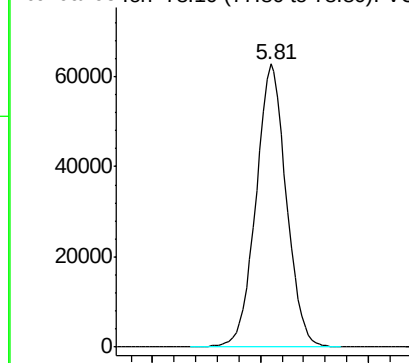
MSVOA_U

ClientSampled :

Tgt Ion: 78 Resp: 122226



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.644 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

Tgt Ion: 95 Resp: 31769

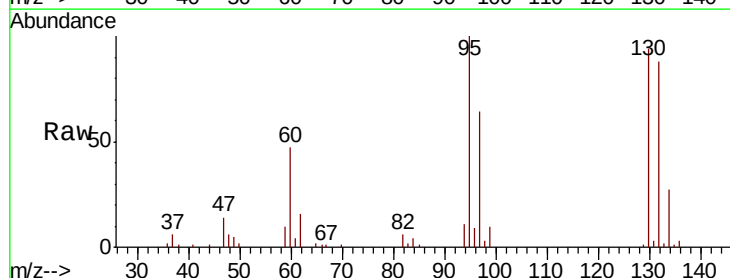
Ion	Ratio	Lower	Upper
95	100		
97	64.2	41.8	77.6
132	87.6	59.8	111.0
130	94.4	65.0	120.8

95 100

97 64.2 41.8 77.6

132 87.6 59.8 111.0

130 94.4 65.0 120.8

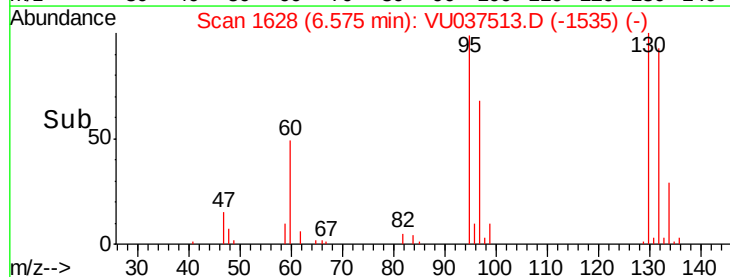
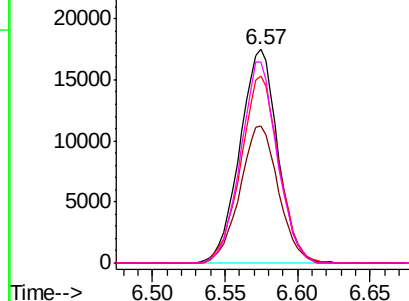


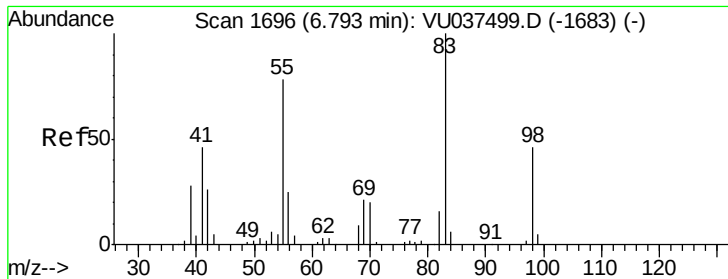
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

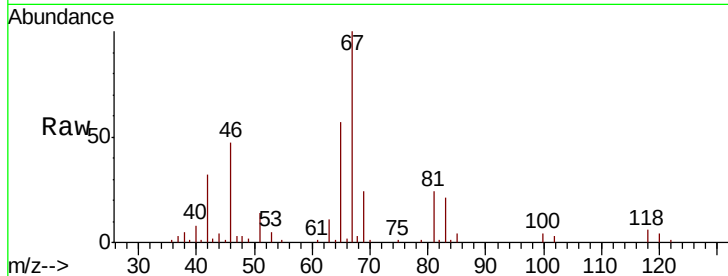




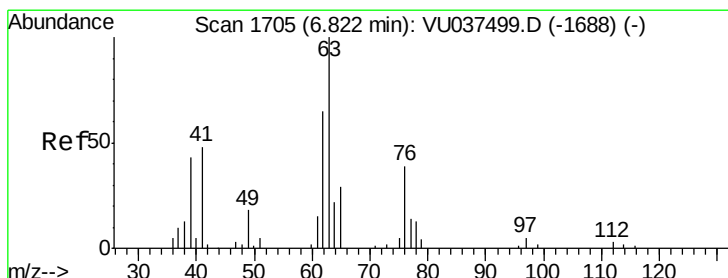
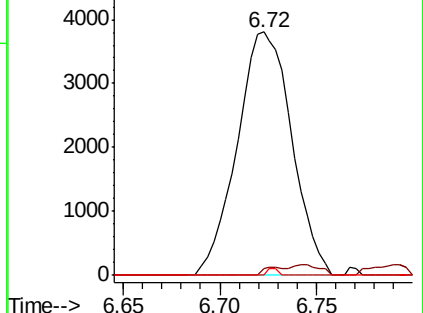
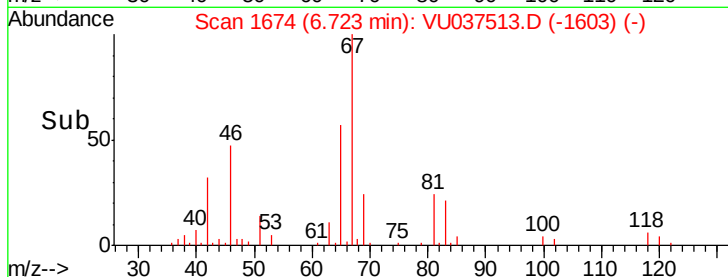
#35
Methylvlcyclohexane
Concen: 0.666 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037513.D
Acq: 31 Mar 2020 22:26

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7459
Ion Ratio Lower Upper
83 100
55 1.2 64.4 96.6#
98 0.5 38.2 57.2#

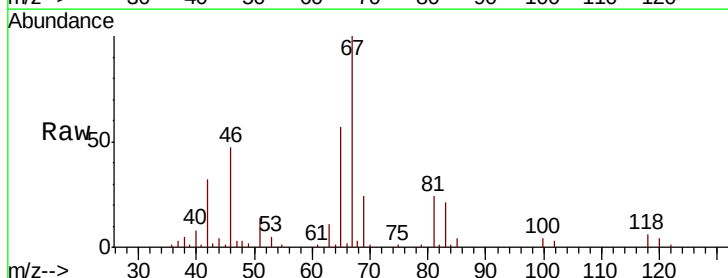


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

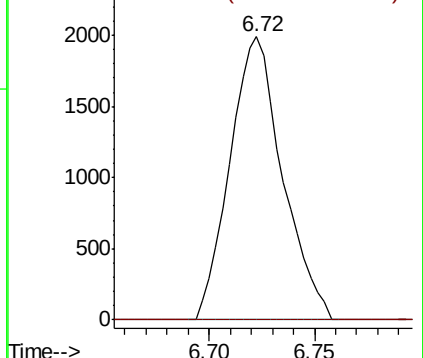
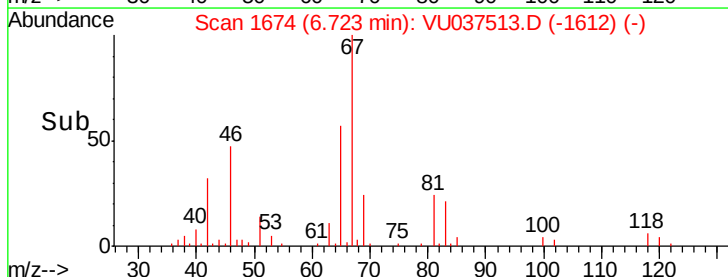


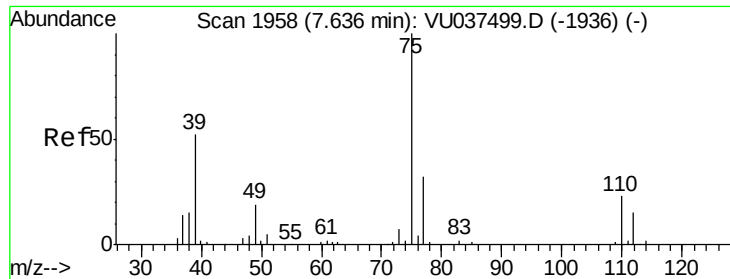
#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037513.D
Acq: 31 Mar 2020 22:26

Tgt Ion: 63 Resp: 3441
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

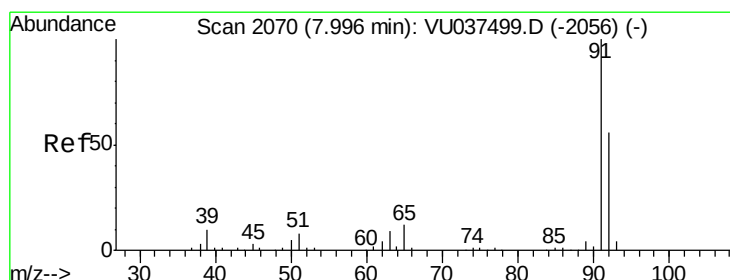
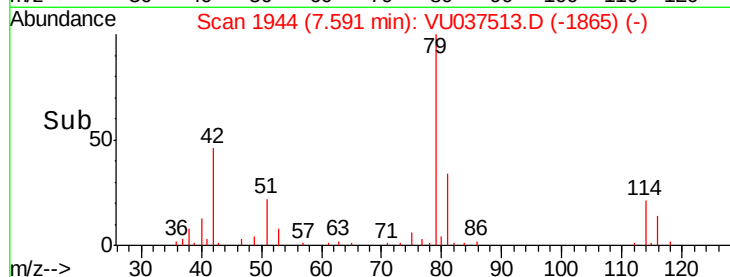
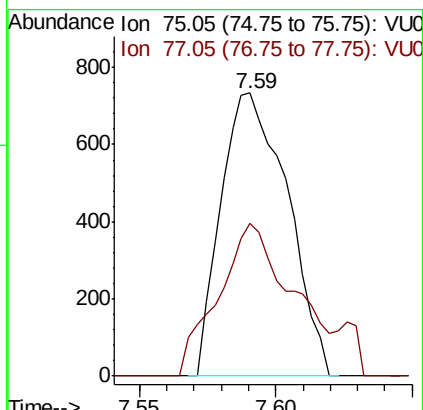
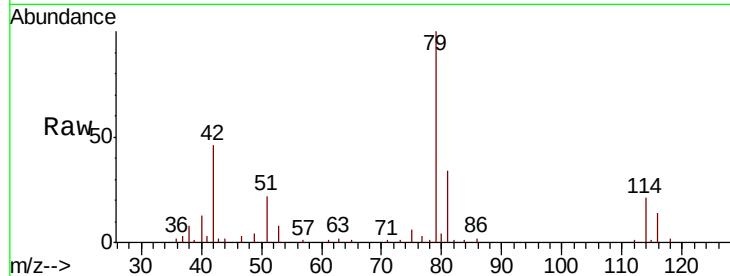




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037513.D
 Acq: 31 Mar 2020 22:26

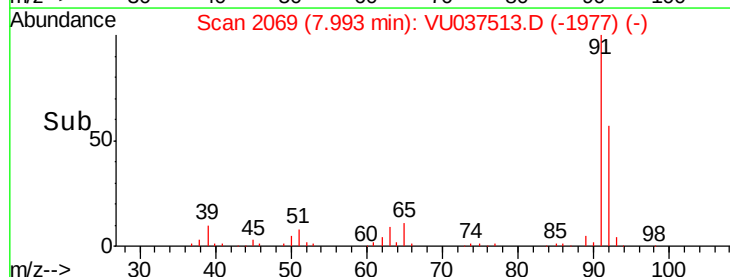
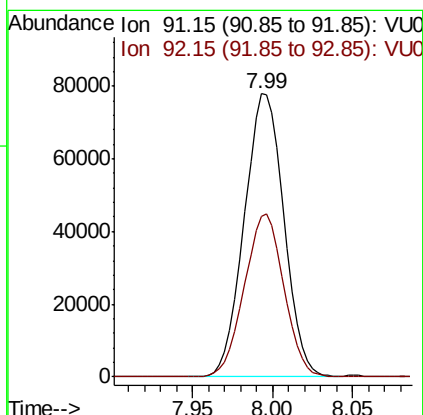
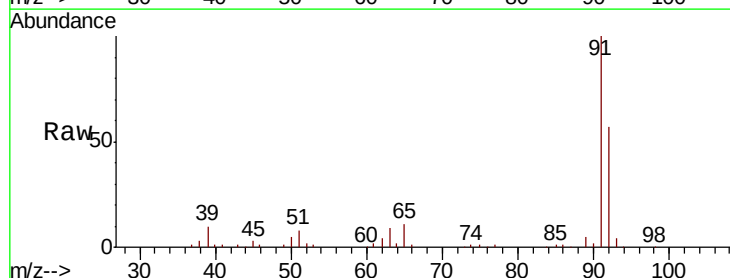
Instrument :
 MSVOA_U
 ClientSampleId :

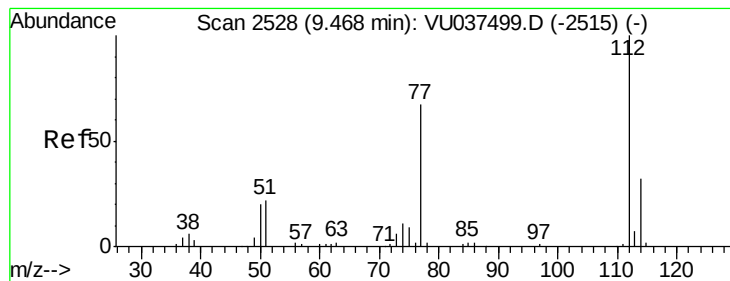
Tot Ion: 75 Resp: 1241
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.4 41.6#



#42
 Toluene
 Concen: 4.893 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU037513.D
 Acq: 31 Mar 2020 22:26

Tgt Ion: 91 Resp: 132543
 Ion Ratio Lower Upper
 91 100
 92 56.9 40.2 74.6





#51

Chlorobenzene

Concen: 4.890 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

Instrument :
MSVOA_U
ClientSampleId :

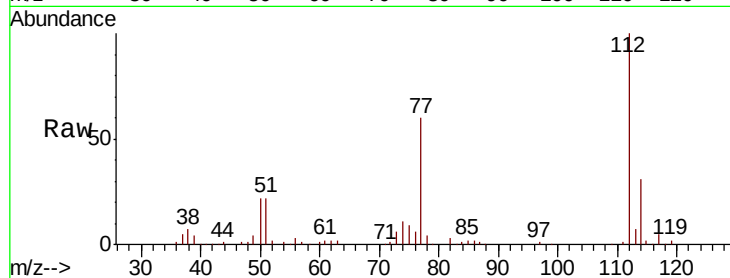
Tot Ion:112 Resp: 82539

Ion Ratio Lower Upper

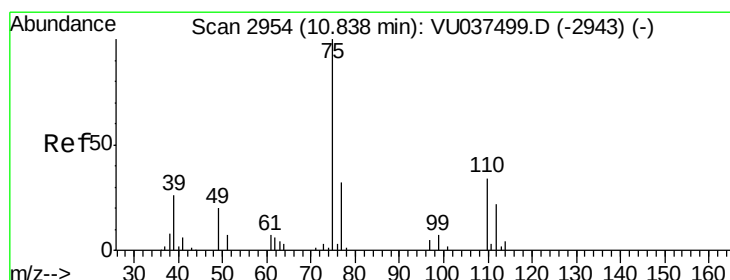
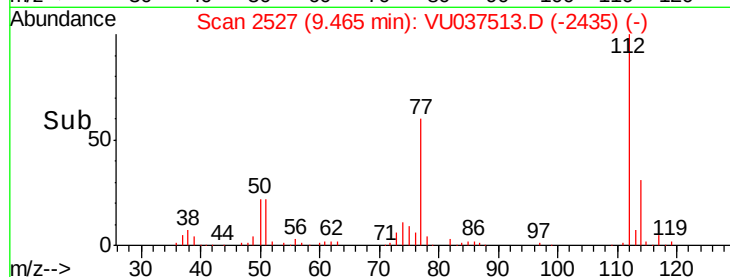
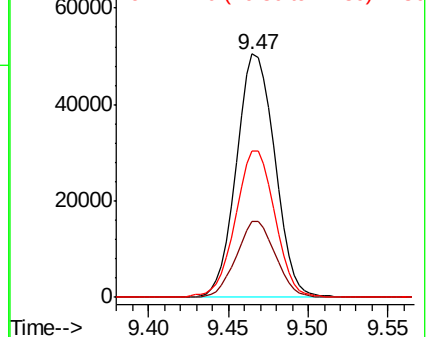
112 100

114 31.1 22.4 41.6

77 60.1 50.4 75.6



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 1.320 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037513.D

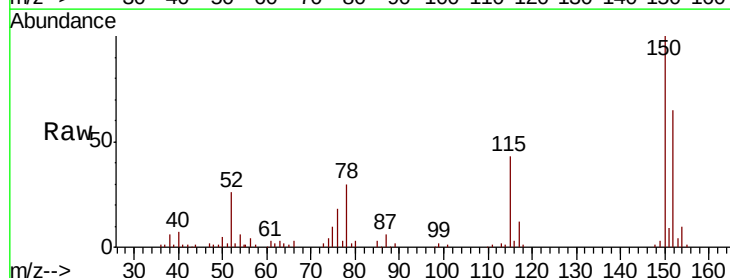
Acq: 31 Mar 2020 22:26

Tgt Ion: 75 Resp: 6183

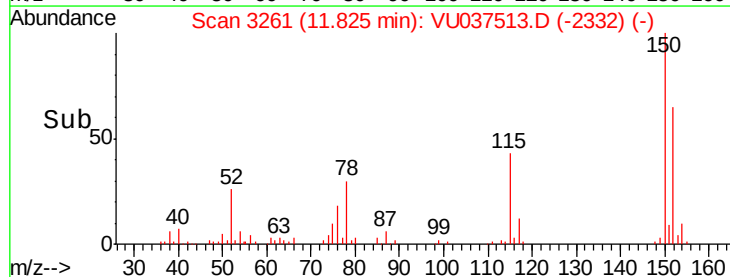
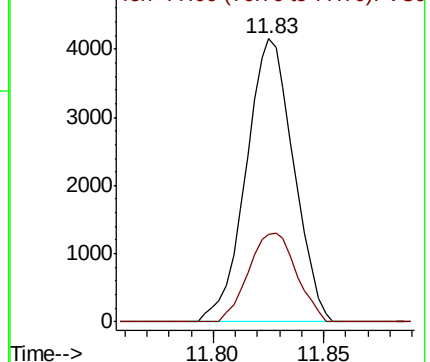
Ion Ratio Lower Upper

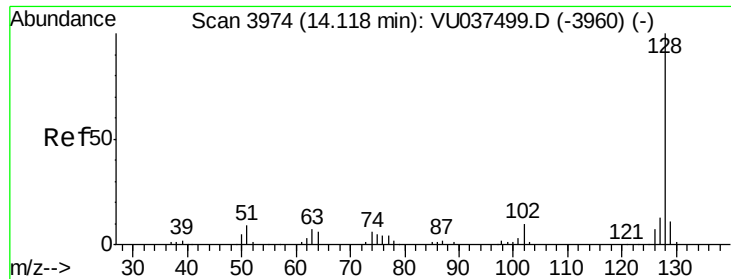
75 100

77 31.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.282 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

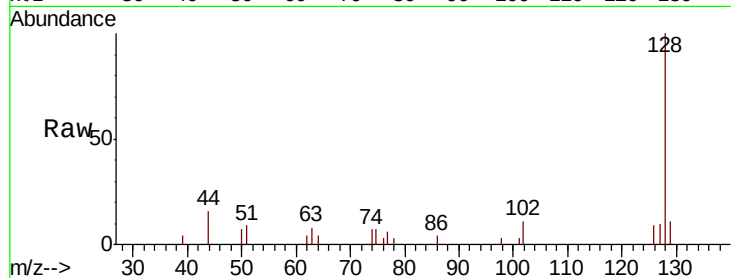
Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

Instrument :

MSVOA_U

ClientSampleId :



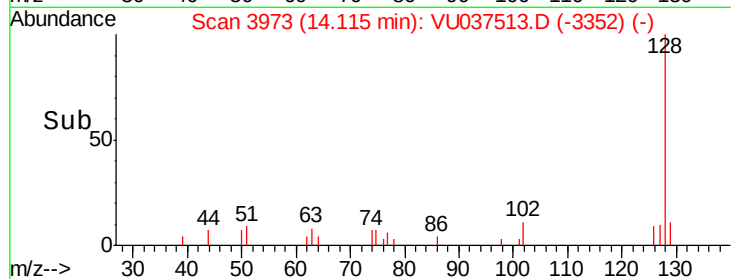
Tot Ion:128 Resp: 5709

Ion Ratio Lower Upper

128 100

129 10.2 8.9 13.3

127 10.2 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

