

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031420\
 Data File : VU037271.D
 Acq On : 14 Mar 2020 18:38
 Operator : JC/MD
 Sample : L1923-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG2

Quant Time: Mar 16 06:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	120832	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36580	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	31873	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.59	63	52953	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.67	46	98112	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	5.11	84	74395	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	45584	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	138073	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	44699	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	124052	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.21	79	16988	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.66	63	74159	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36552	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	44120	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

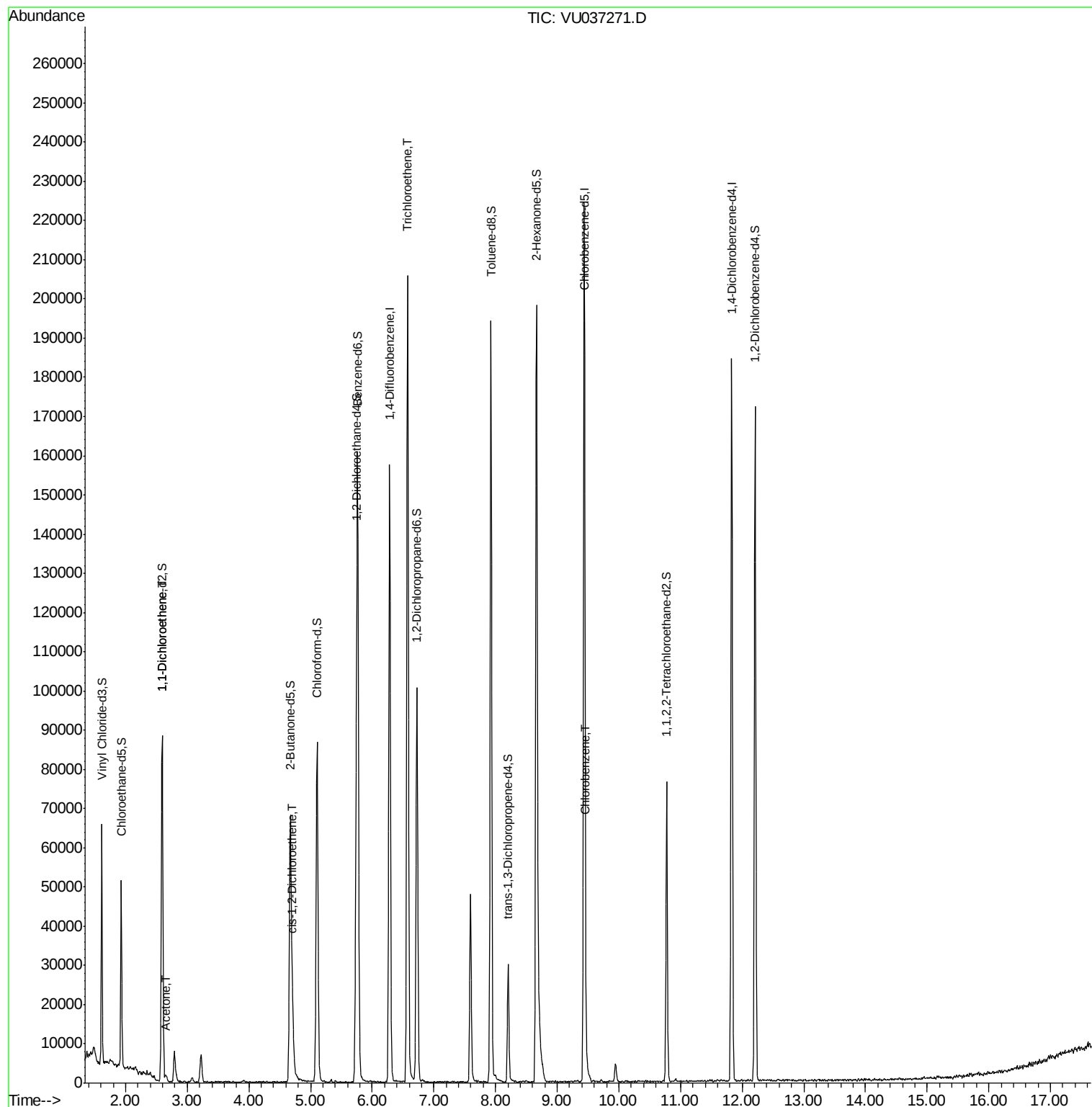
				Ovalue	
12) 1,1-Dichloroethene	2.60	96	4322	0.548 ug/L	# 1
13) Acetone	2.66	43	2273	1.367 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	6340	0.691 ug/L	99
34) Trichloroethene	6.57	95	71309	7.388 ug/L	98
51) Chlorobenzene	9.47	112	3342	0.135 ug/L	85

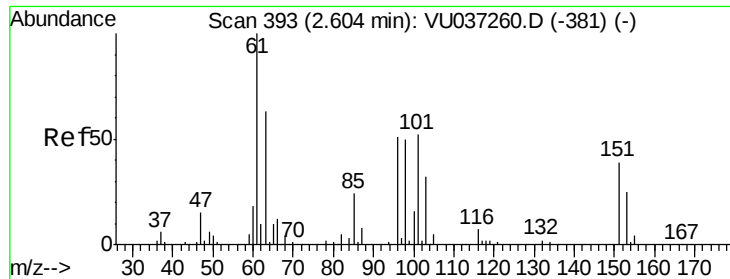
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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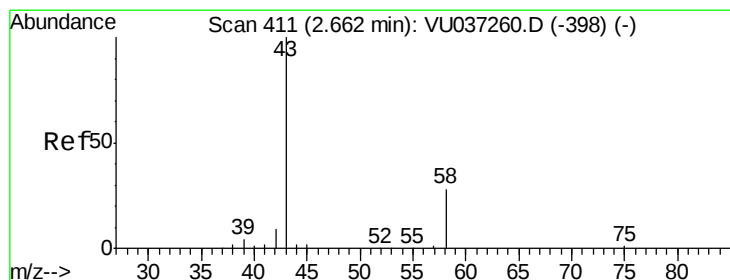
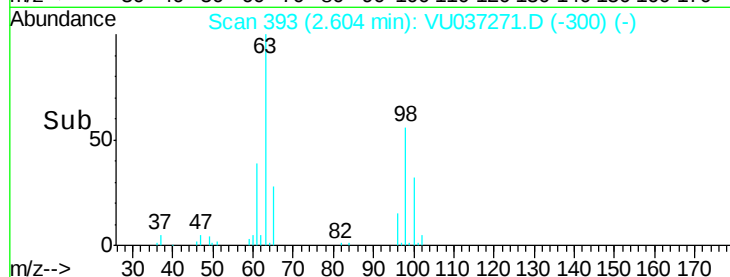
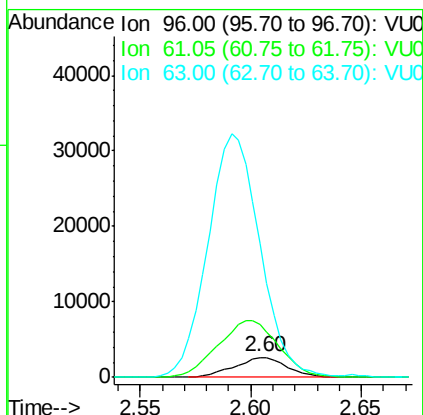
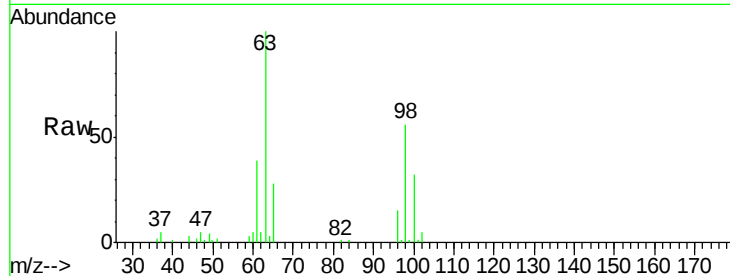




#12
 1,1-Dichloroethene
 Concen: 0.548 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037271.D
 Acq: 14 Mar 2020 18:38

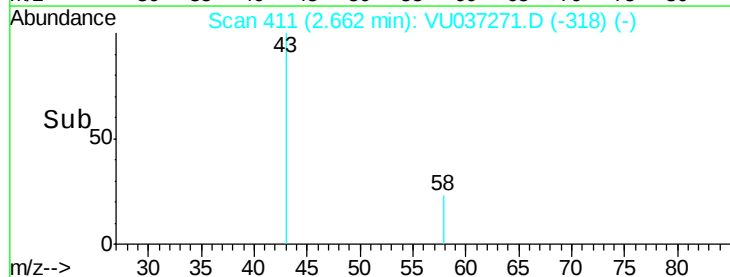
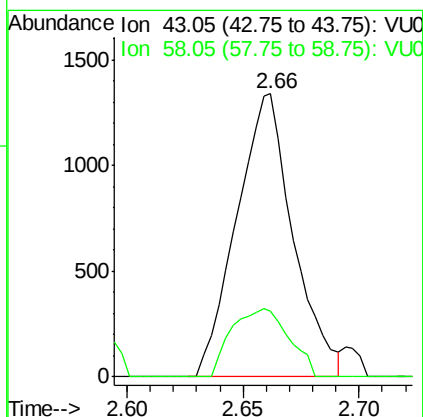
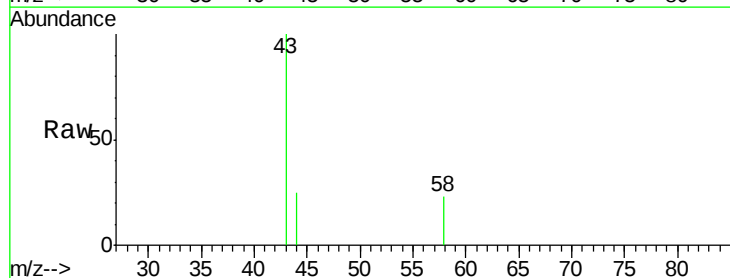
Instrument :
 MSVOA_U
 ClientSampleId :
 CONG2

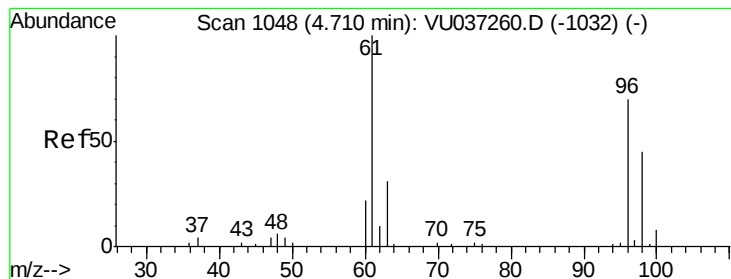
Tot Ion: 96 Resp: 4322
 Ion Ratio Lower Upper
 96 100
 61 267.5 136.4 253.2#
 63 683.1 86.2 160.0#



#13
 Acetone
 Concen: 1.367 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: VU037271.D
 Acq: 14 Mar 2020 18:38

Tgt Ion: 43 Resp: 2273
 Ion Ratio Lower Upper
 43 100
 58 24.5 0.0 52.2





#22

cis-1,2-Dichloroethene

Concen: 0.691 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU037271.D

Acq: 14 Mar 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

C0NG2

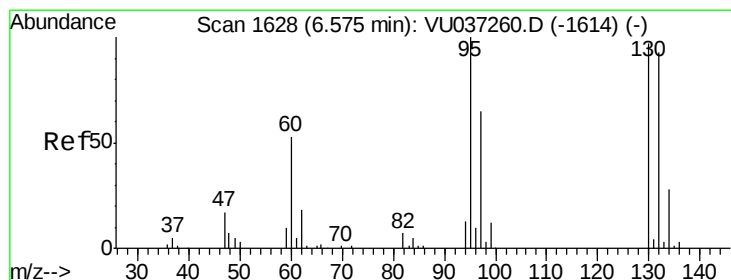
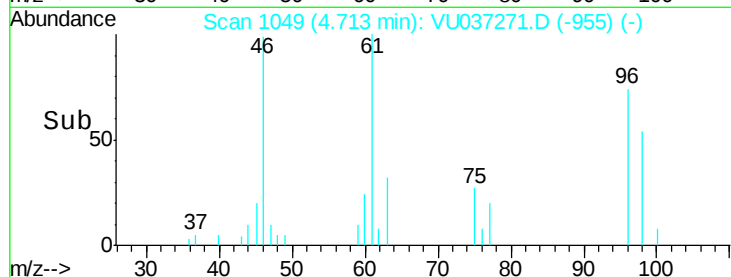
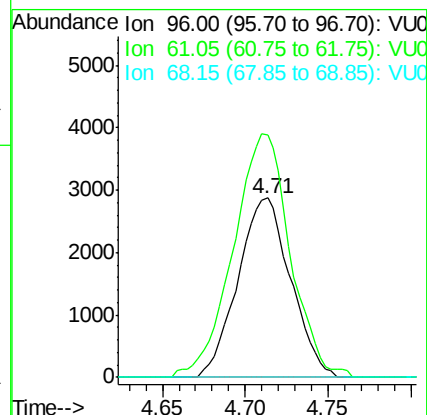
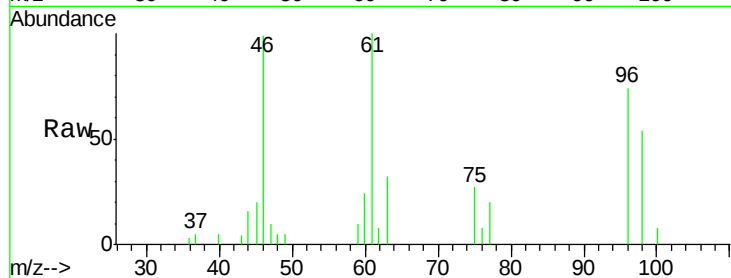
Tot Ion: 96 Resp: 6340

Ion Ratio Lower Upper

96 100

61 135.2 94.1 174.8

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 7.388 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037271.D

Acq: 14 Mar 2020 18:38

Tgt Ion: 95 Resp: 71309

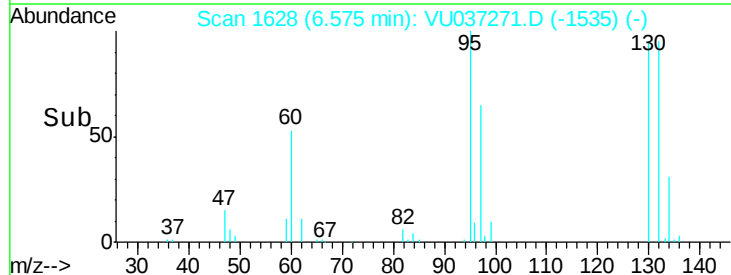
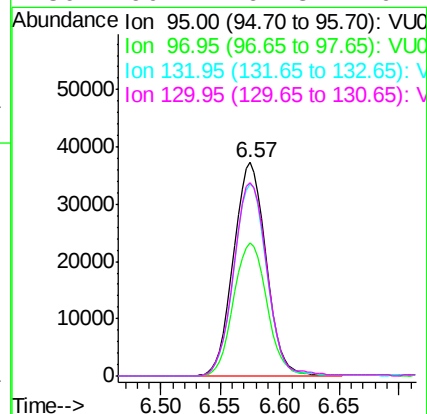
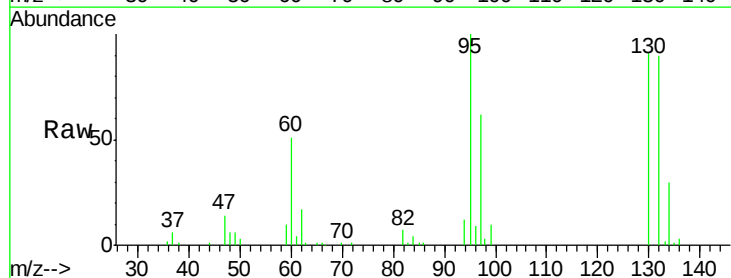
Ion Ratio Lower Upper

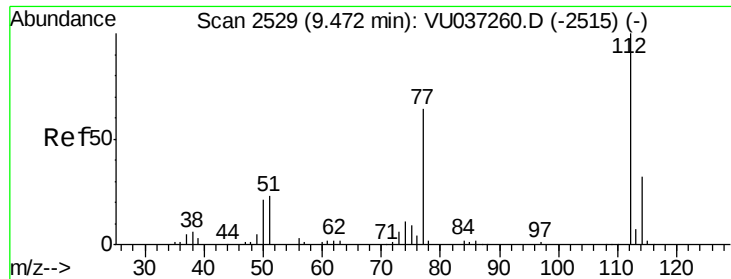
95 100

97 62.1 45.4 84.4

132 89.9 63.7 118.3

130 90.7 64.8 120.4





#51

Chlorobenzene

Concen: 0.135 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037271.D

Acq: 14 Mar 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

C0NG2

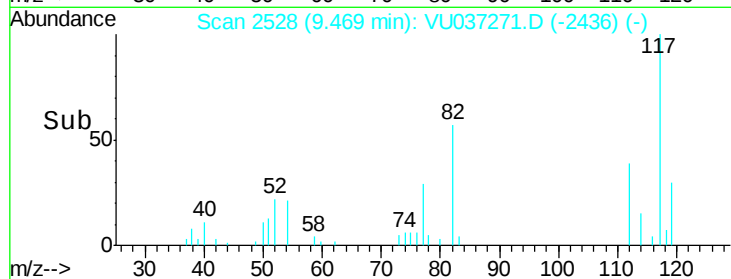
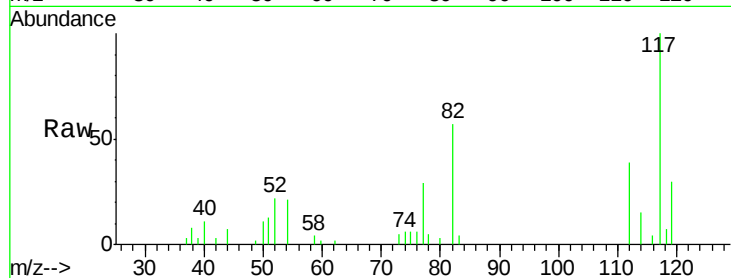
Tot Ion:112 Resp: 3342

Ion Ratio Lower Upper

112 100

114 39.8 22.0 40.8

77 73.5 49.4 74.2



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): VU0

