

Data File : VU031724.D
Acq On : 02 May 2019 19:59
Operator : JC/SP
Sample : K2661-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B32

Quant Time: May 03 07:29:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	940218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	894491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	367297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	401493	51.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.04%
7) Chloroethane-d5	1.68	69	301443	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.14%
11) 1,1-Dichloroethene-d2	2.27	63	564997	36.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	4.19	46	713805	100.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.64	84	626043	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.31	65	417951	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
32) Benzene-d6	5.34	84	1358859	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.32	67	456588	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.56	98	1137698	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.85	79	190764	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	467572	111.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	580662	44.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	368056	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

Target Compounds

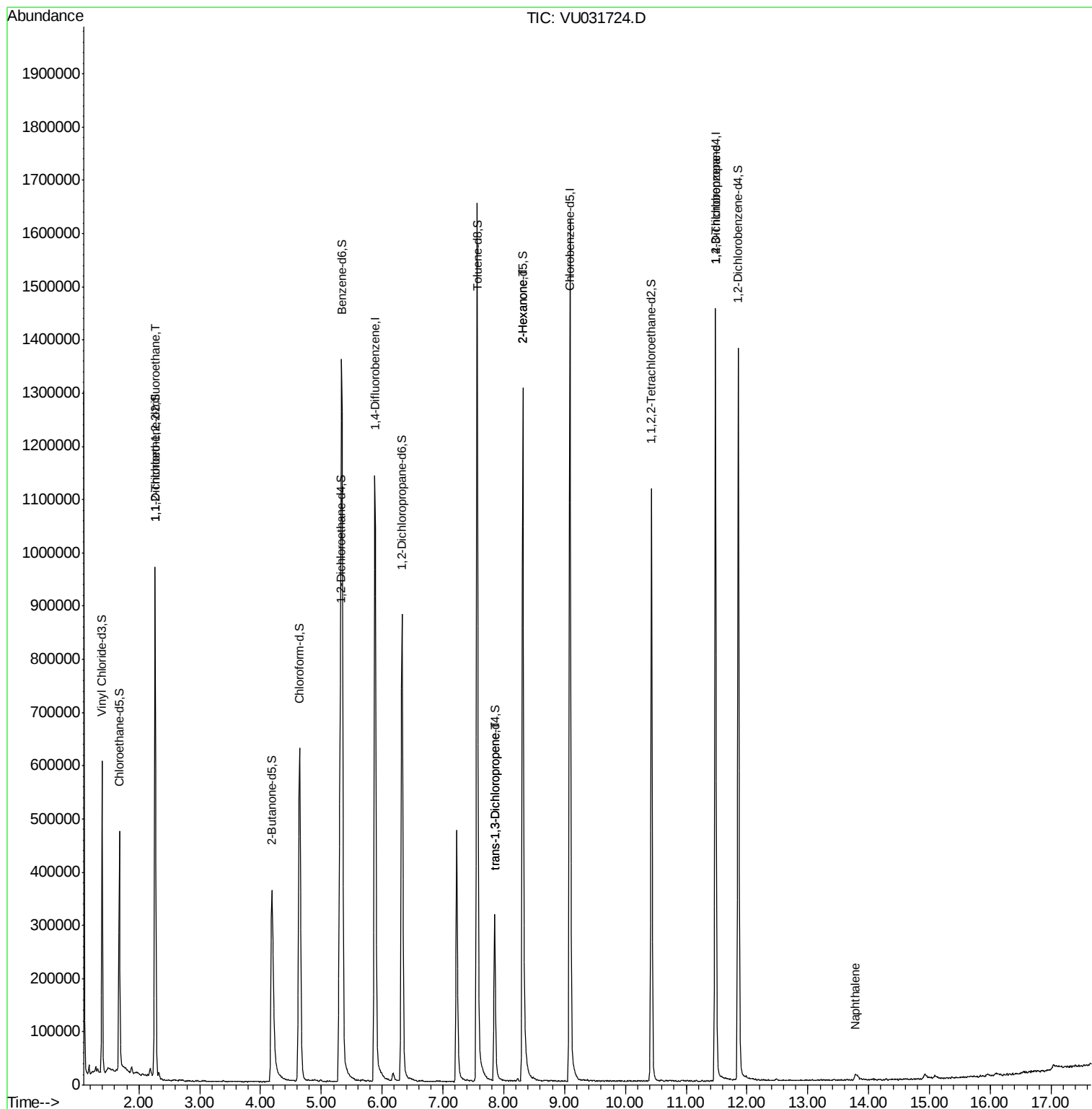
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4945	0.656	ug/L #	23
44) trans-1,3-Dichloropropene	7.84	75	6859	0.613	ug/L	98
48) 2-Hexanone	8.31	43	54629	4.702	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	48587	4.389	ug/L	91
69) Naphthalene	13.79	128	9388	0.382	ug/L #	92

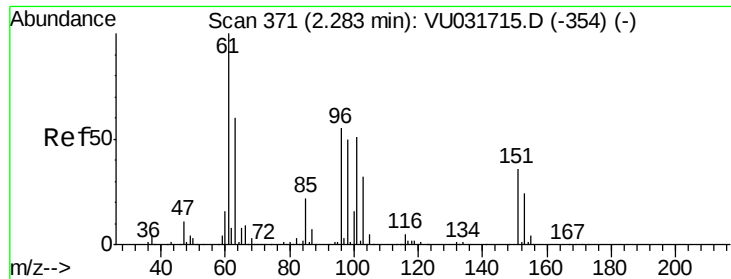
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.656 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

C0B32

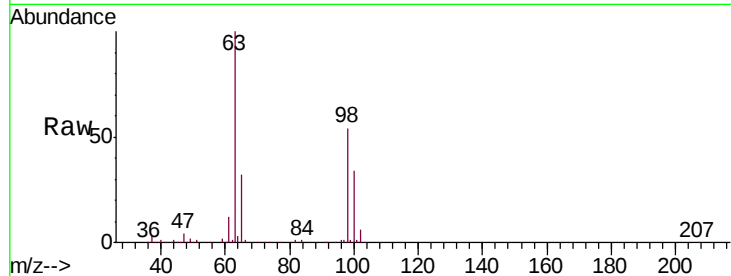
Tgt Ion: 101 Resp: 4945

Ion Ratio Lower Upper

101 100

85 1.2 36.1 54.1#

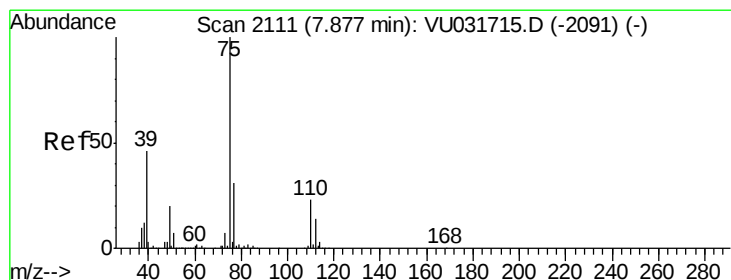
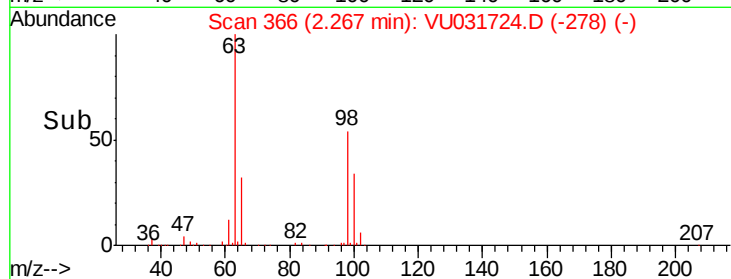
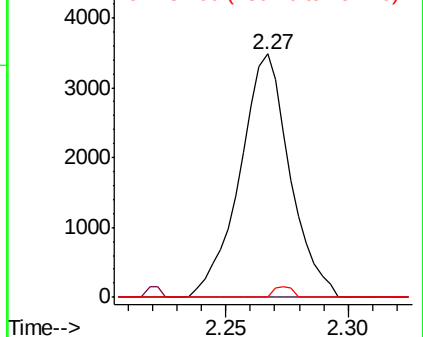
151 1.6 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.613 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.04 min

Lab File: VU031724.D

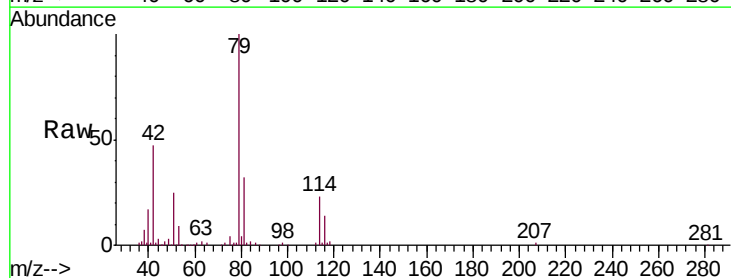
Acq: 02 May 2019 19:59

Tgt Ion: 75 Resp: 6859

Ion Ratio Lower Upper

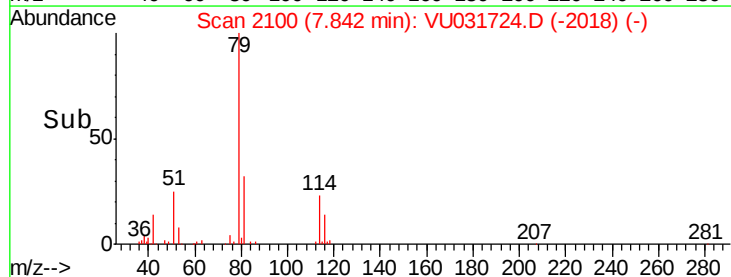
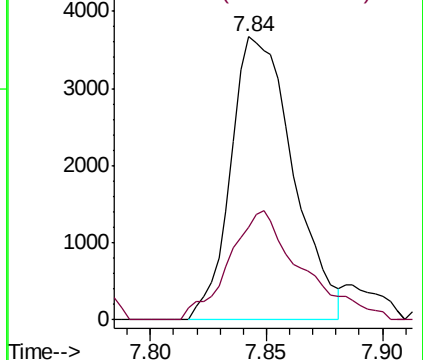
75 100

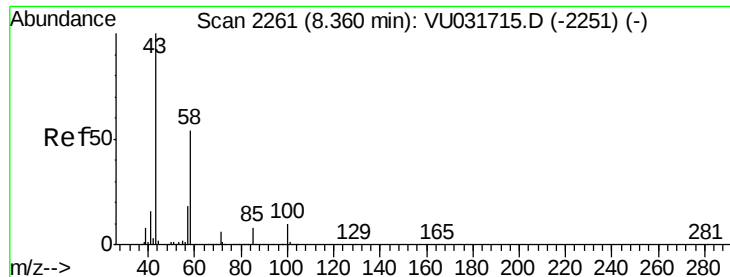
77 32.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

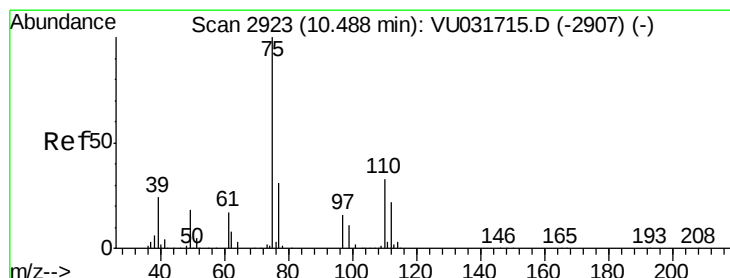
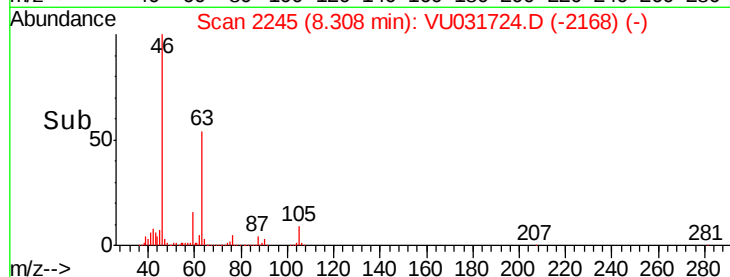
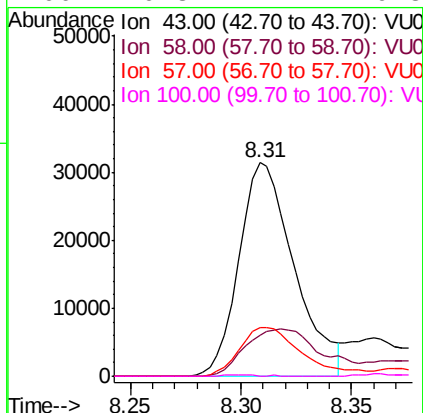
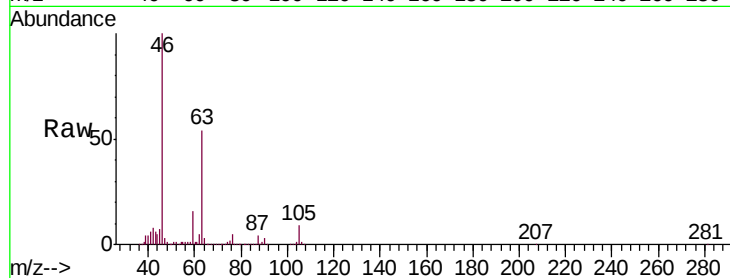




#48
 2-Hexanone
 Concen: 4.702 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031724.D
 Acq: 02 May 2019 19:59

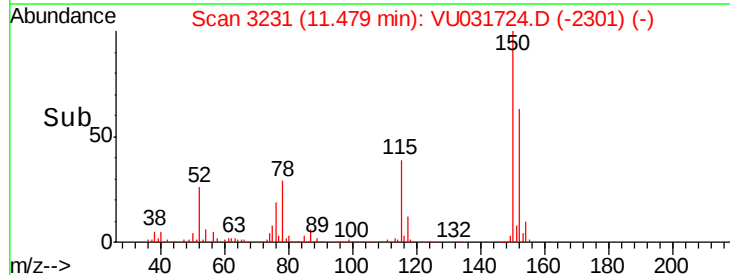
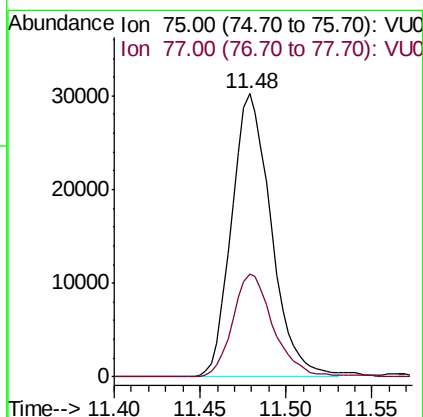
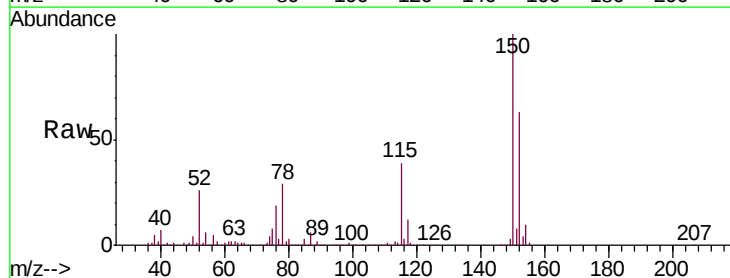
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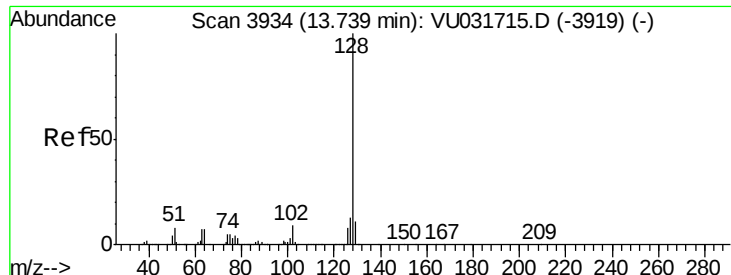
Tgt Ion: 43 Resp: 54629
 Ion Ratio Lower Upper
 43 100
 58 26.9 42.1 63.1#
 57 26.0 14.6 22.0#
 100 0.3 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.389 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031724.D
 Acq: 02 May 2019 19:59

Tgt Ion: 75 Resp: 48587
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.9 38.9





#69

Naphthalene

Concen: 0.382 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.05 min

Lab File: VU031724.D

Acq: 02 May 2019 19:59

Instrument :

MSVOA_U

ClientSampleId :

C0B32

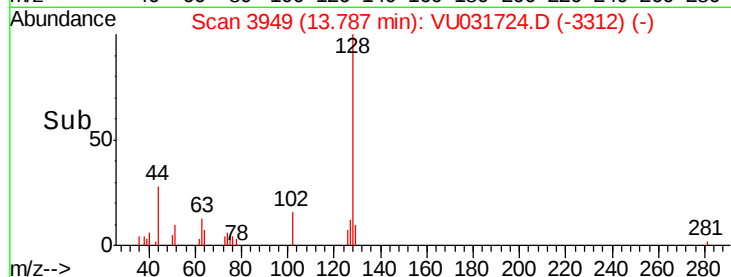
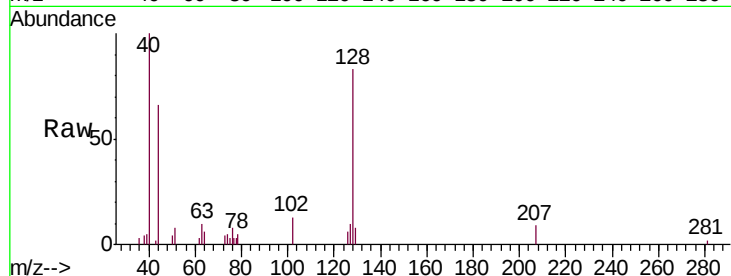
Tgt Ion:128 Resp: 9388

Ion Ratio Lower Upper

128 100

127 9.5 10.6 15.8#

129 8.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

