

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
 Data File : VU029474.D
 Acq On : 14 Feb 2019 22:41
 Operator : JC/SP
 Sample : K1438-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD6

Quant Time: Feb 15 03:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 01:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52171	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.68	69	48785	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.27	63	83023	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.19	46	141722	52.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	4.65	84	95741	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	50311	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.34	84	196020	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	59847	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.56	98	183456	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.85	79	22617	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	139595	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53422	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	82496	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

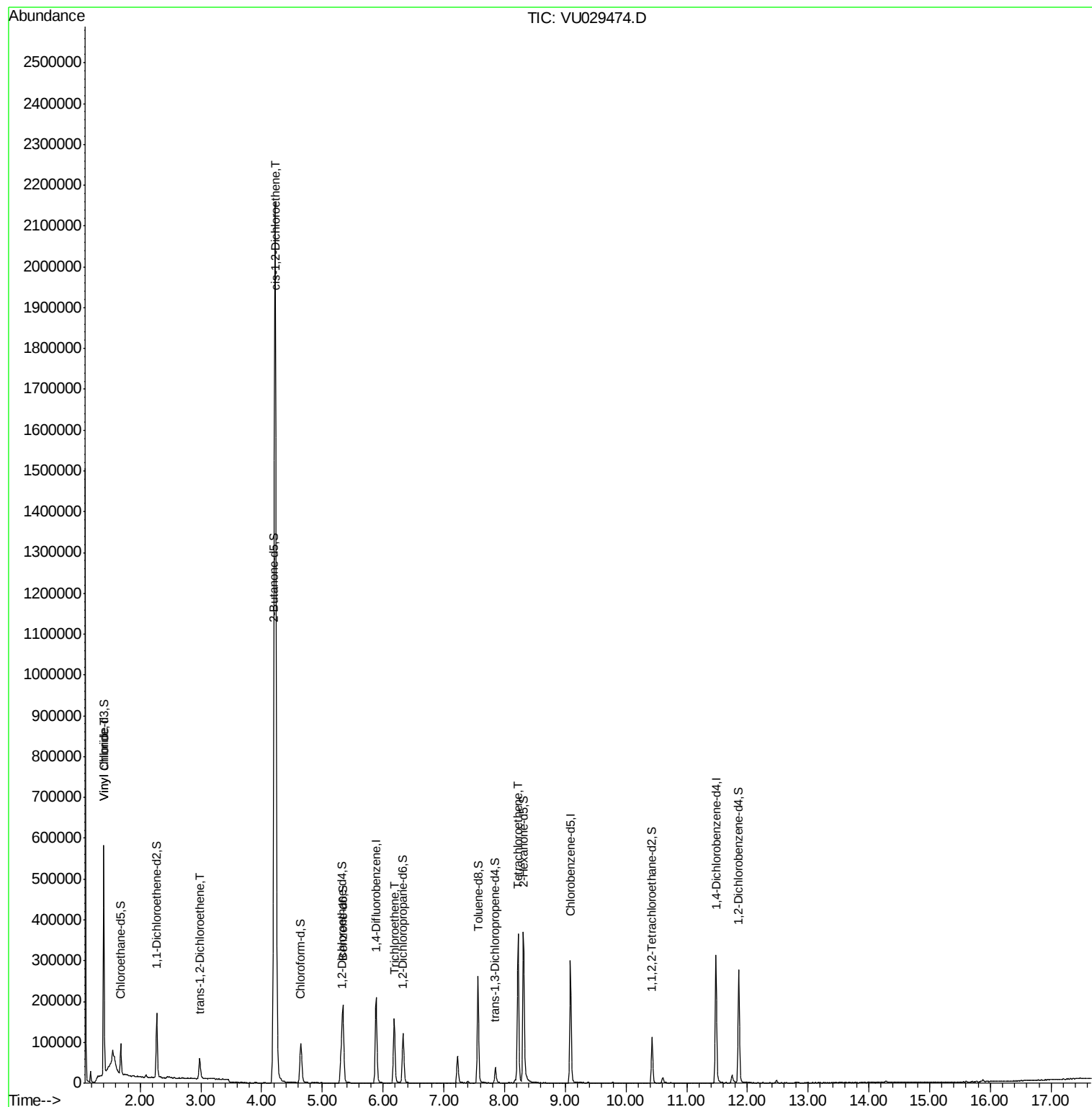
					Qvalue
5) Vinyl chloride	1.40	62	306569	16.606	ug/L 96
18) trans-1,2-Dichloroethene	2.98	96	19820	1.178	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	1271873	82.194	ug/L 99
34) Trichloroethene	6.18	95	54241	3.653	ug/L 94
47) Tetrachloroethene	8.22	164	88567	6.511	ug/L 97

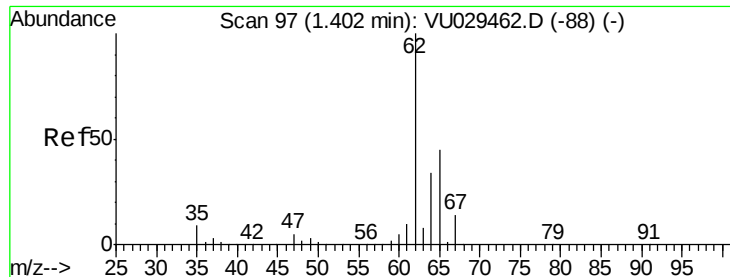
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 16.606 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029474.D

Acq: 14 Feb 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

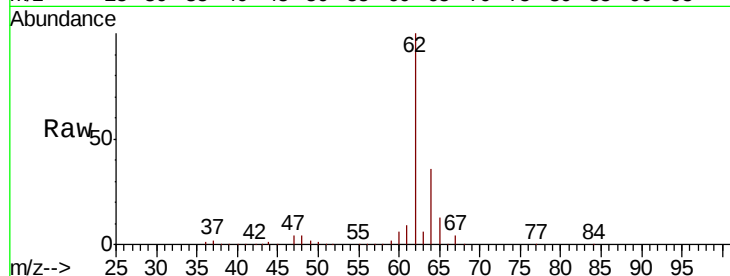
ESXD6

Tgt Ion: 62 Resp: 306569

Ion Ratio Lower Upper

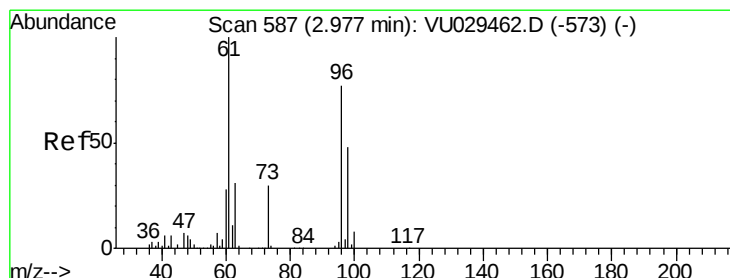
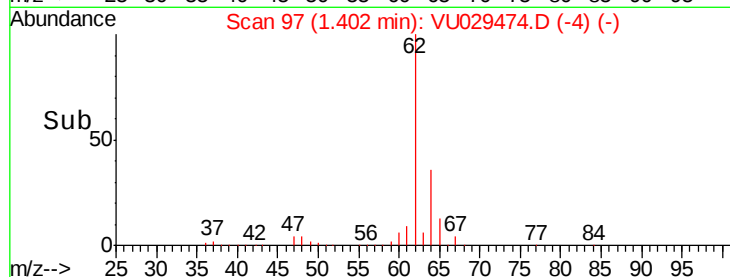
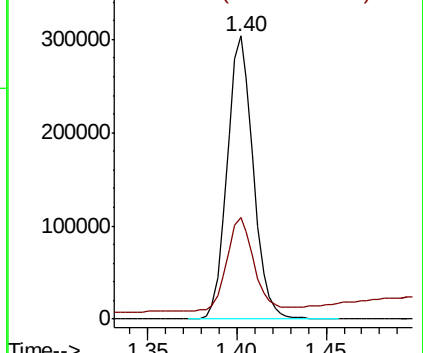
62 100

64 35.8 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 1.178 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029474.D

Acq: 14 Feb 2019 22:41

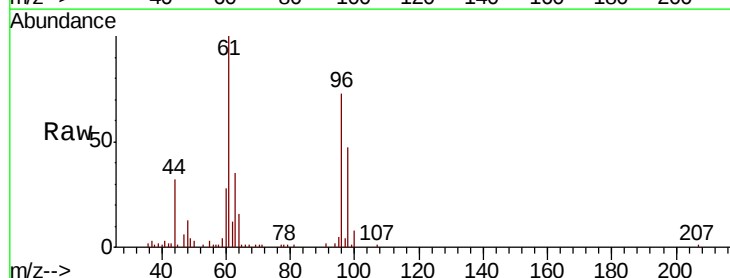
Tgt Ion: 96 Resp: 19820

Ion Ratio Lower Upper

96 100

61 137.5 95.4 177.2

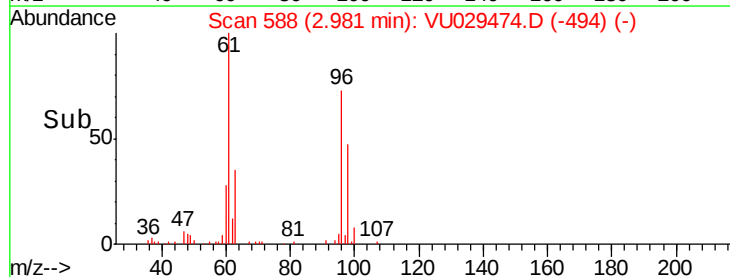
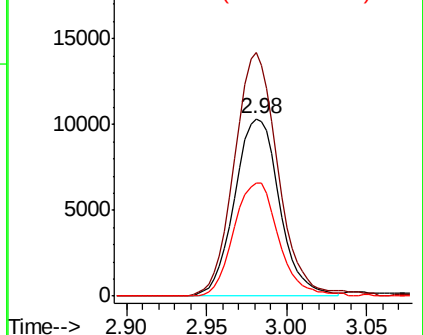
98 64.1 45.8 85.2

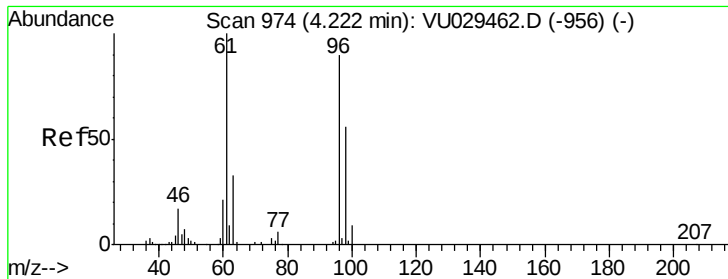


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



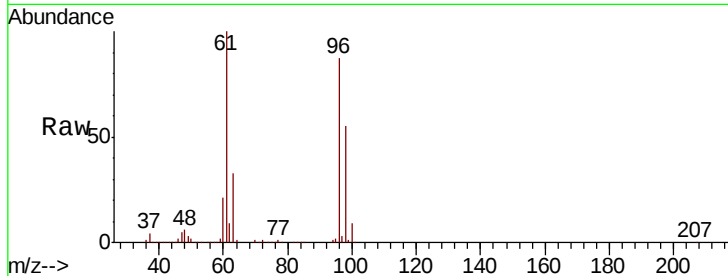


#22

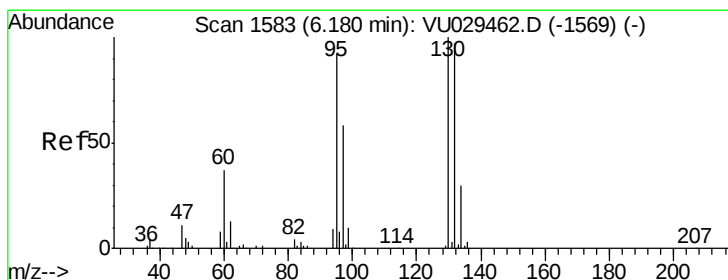
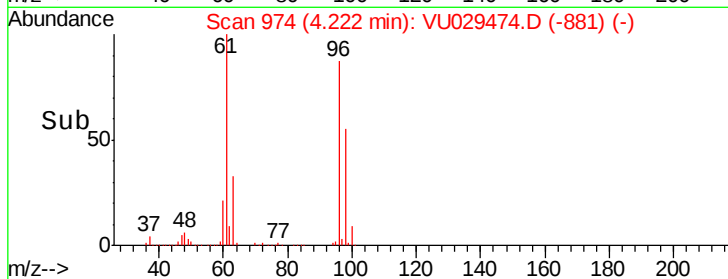
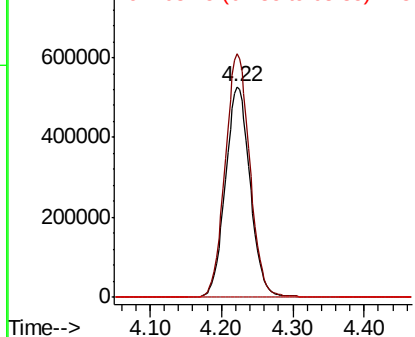
cis-1,2-Dichloroethene
 Concen: 82.194 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029474.D
 Acq: 14 Feb 2019 22:41

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Tgt Ion: 96 Resp: 1271873
 Ion Ratio Lower Upper
 96 100
 61 115.4 79.9 148.5
 68 0.0 0.0 0.0



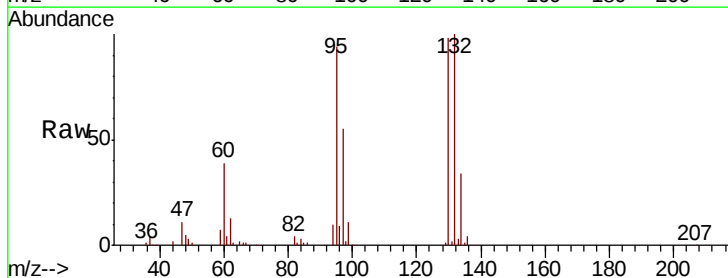
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



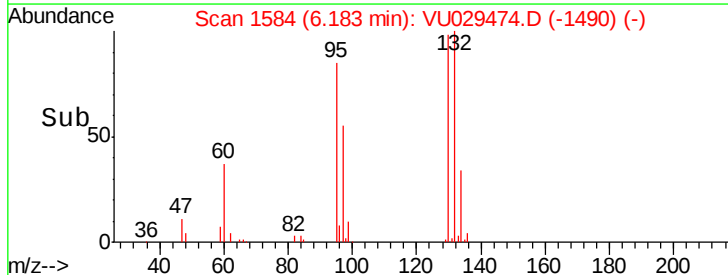
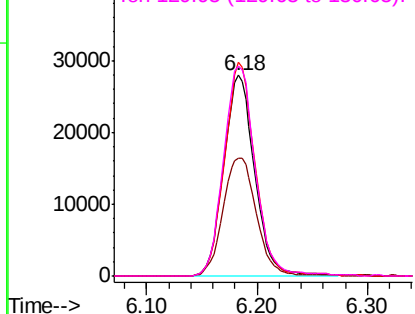
#34

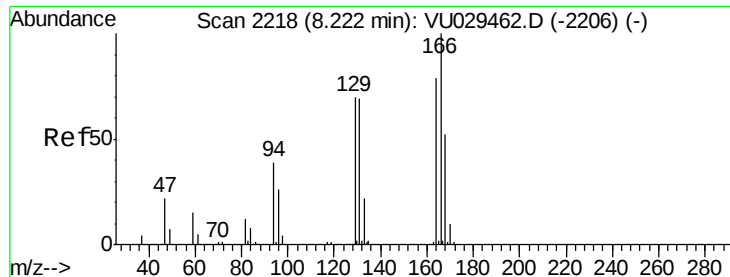
Trichloroethene
 Concen: 3.653 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029474.D
 Acq: 14 Feb 2019 22:41

Tgt Ion: 95 Resp: 54241
 Ion Ratio Lower Upper
 95 100
 97 59.0 46.3 86.1
 132 106.5 72.9 135.3
 130 104.8 79.2 147.0



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





#47

Tetrachloroethene

Concen: 6.511 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029474.D

Acq: 14 Feb 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

ESXD6

Tgt Ion:164 Resp: 88567

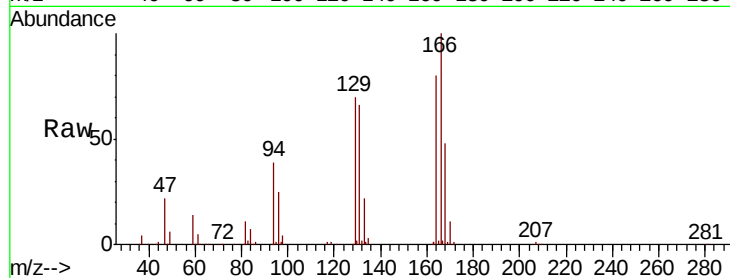
Ion Ratio Lower Upper

164 100

129 87.6 62.9 116.9

131 83.0 62.1 115.3

166 125.6 89.8 166.8

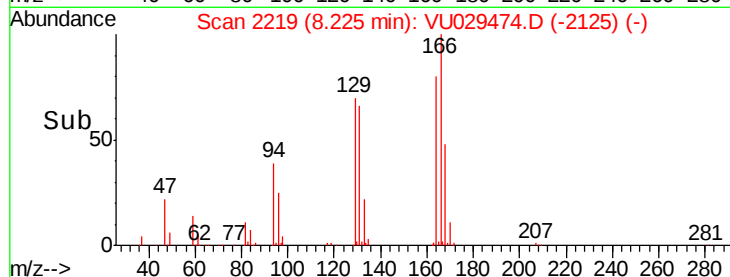


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time-->

