

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021419\
 Data File : VU029479.D
 Acq On : 15 Feb 2019 00:40
 Operator : JC/SP
 Sample : K1438-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE0

Quant Time: Feb 20 05:50:05 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	191081	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53270	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.68	69	46487	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.27	63	81295	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.19	46	151125	56.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.24%
24) Chloroform-d	4.65	84	91390	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	49849	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.34	84	189200	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.33	67	58953	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.56	98	178894	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	21712	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.31	63	152792	57.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56023	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	83260	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

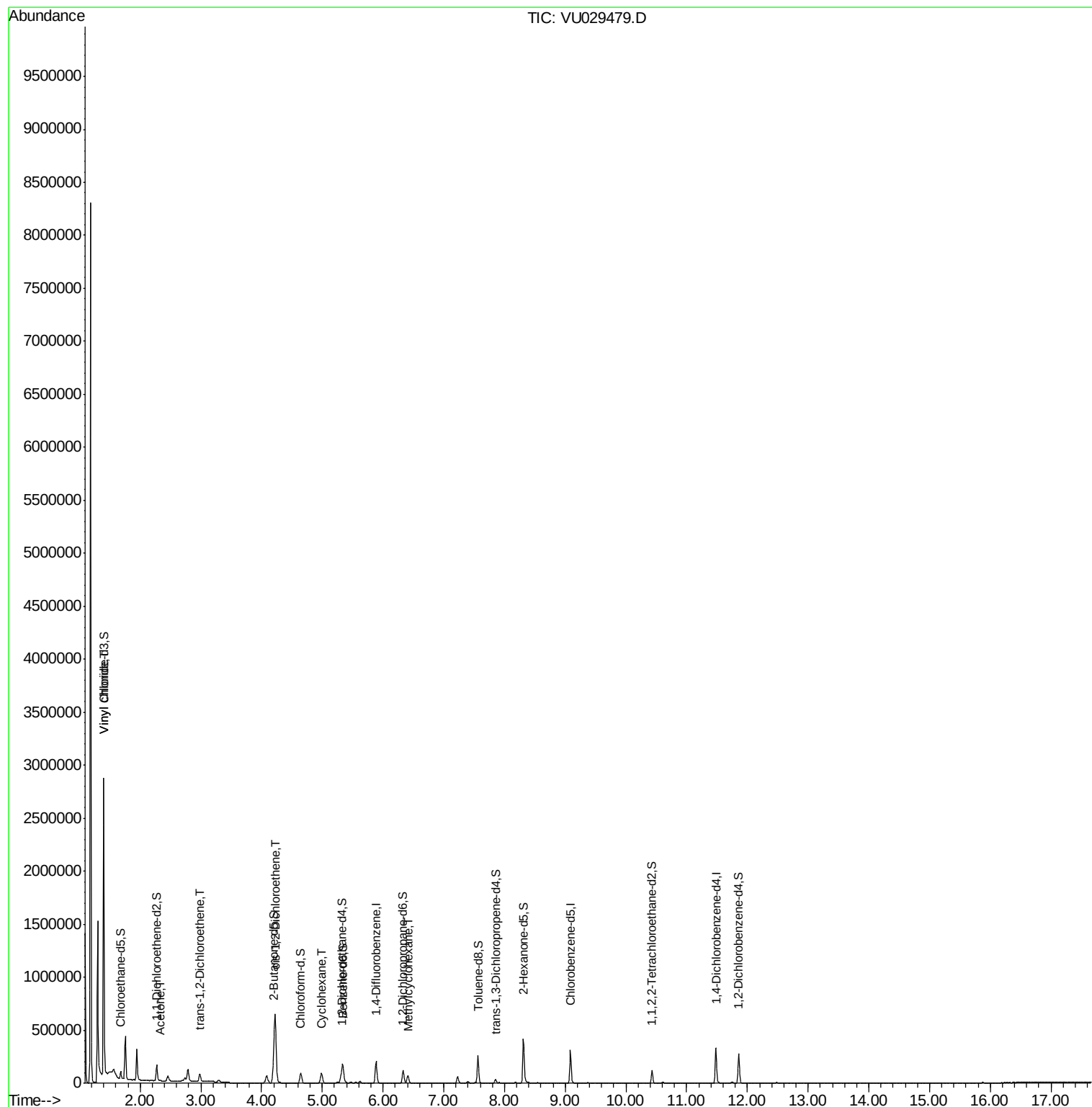
					Ovalue
5) Vinyl chloride	1.40	62	447823	24.335 ug/L	84
13) Acetone	2.32	43	6605	2.724 ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	21365	1.274 ug/L	93
22) cis-1,2-Dichloroethene	4.22	96	372565	24.154 ug/L	100
30) Cyclohexane	4.99	56	51130	2.378 ug/L	98
35) Methylcyclohexane	6.41	83	30810	1.220 ug/L	96

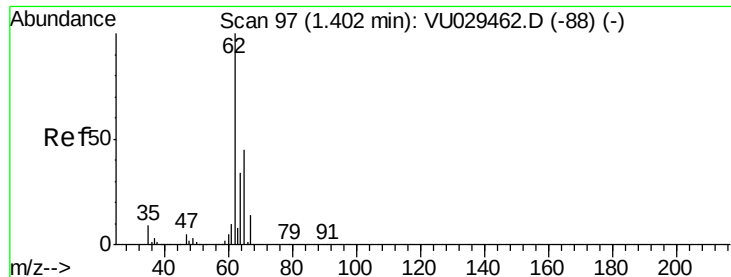
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 24.335 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

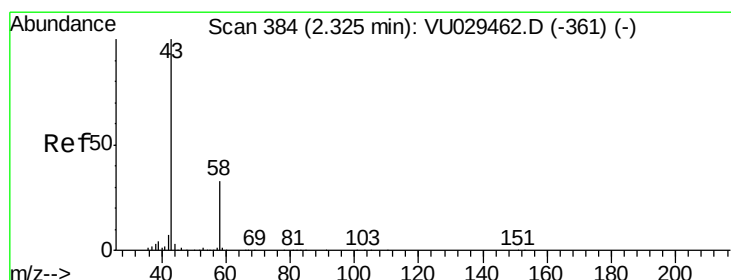
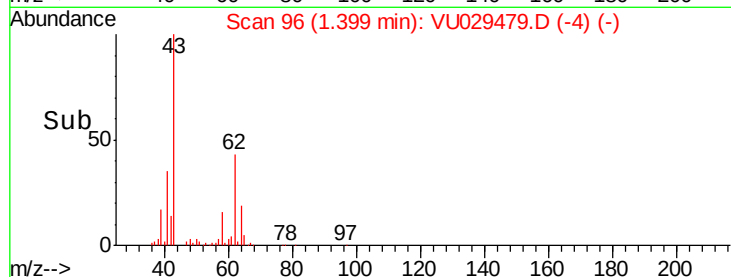
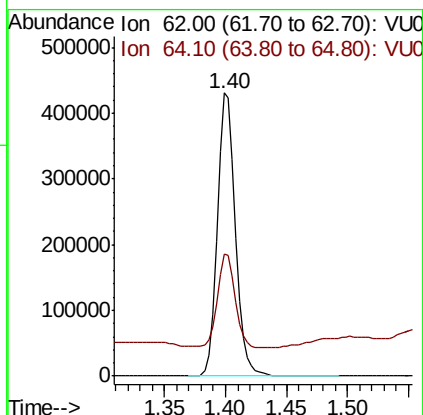
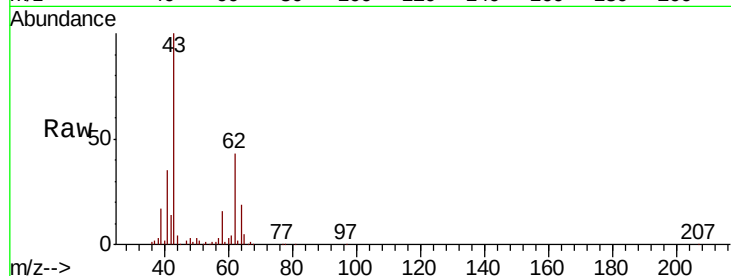
ESXE0

Tot Ion: 62 Resp: 447823

Ion Ratio Lower Upper

62 100

64 43.0 23.5 43.7



#13

Acetone

Concen: 2.724 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029479.D

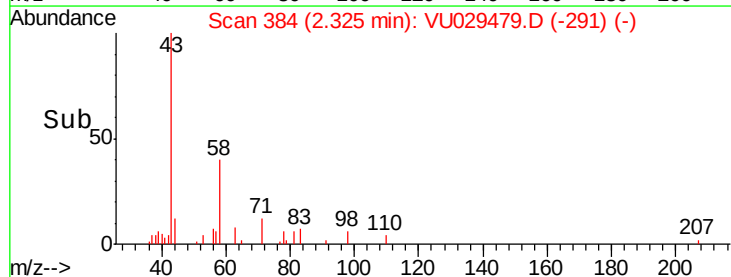
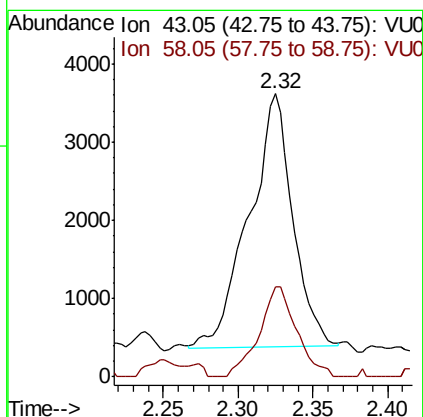
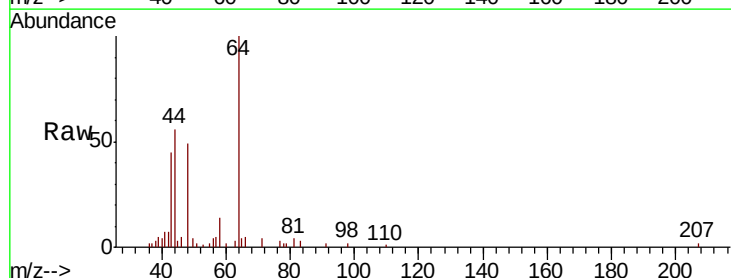
Acq: 15 Feb 2019 00:40

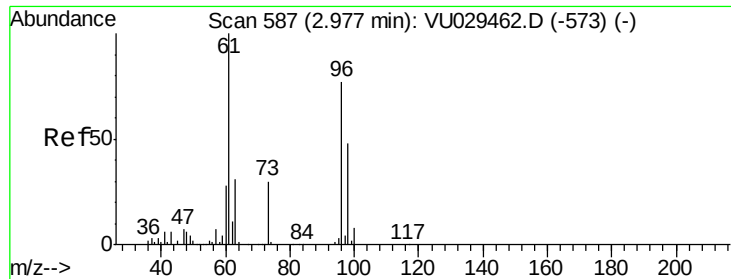
Tgt Ion: 43 Resp: 6605

Ion Ratio Lower Upper

43 100

58 30.2 0.0 65.0





#18

trans-1,2-Dichloroethene

Concen: 1.274 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029479.D

Acq: 15 Feb 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

ESXE0

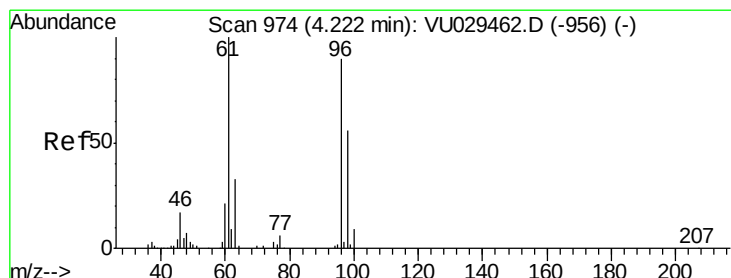
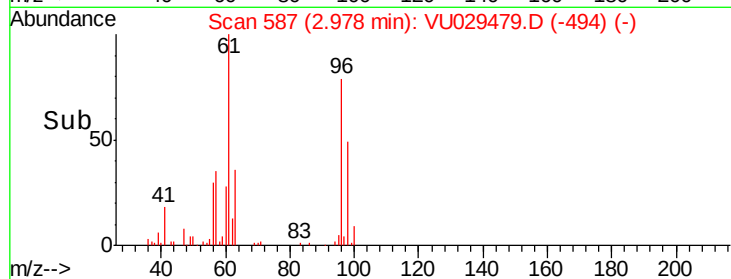
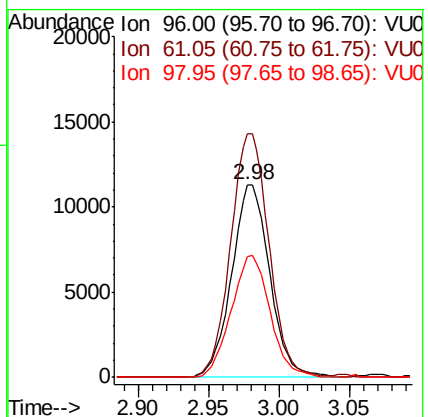
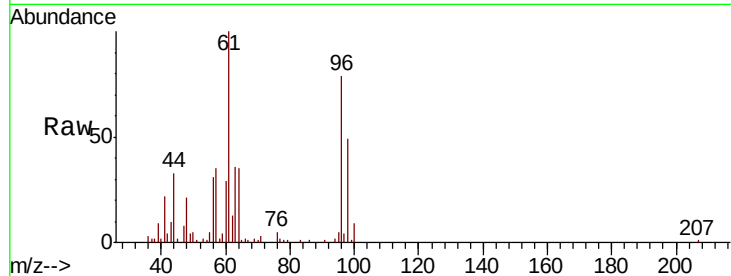
Tot Ion: 96 Resp: 21365

Ion Ratio Lower Upper

96 100

61 126.1 95.4 177.2

98 62.4 45.8 85.2



#22

cis-1,2-Dichloroethene

Concen: 24.154 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029479.D

Acq: 15 Feb 2019 00:40

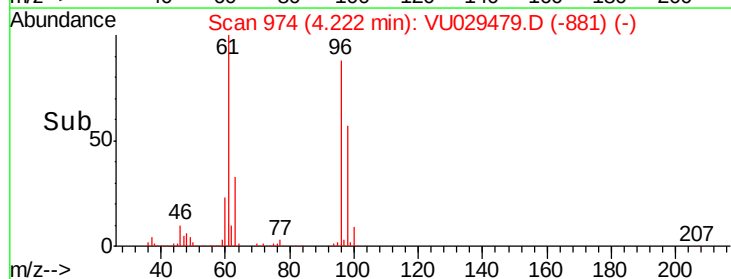
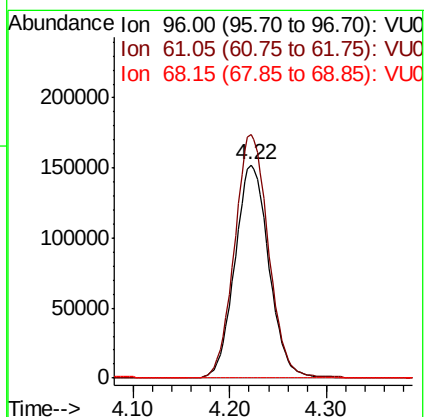
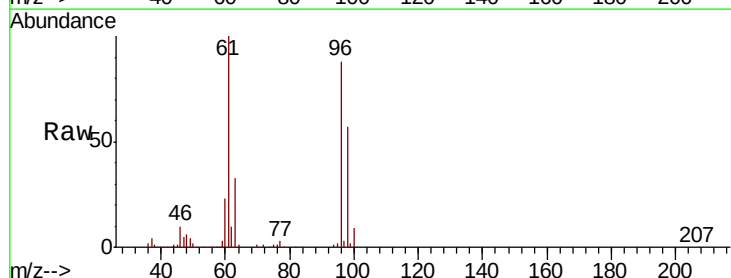
Tgt Ion: 96 Resp: 372565

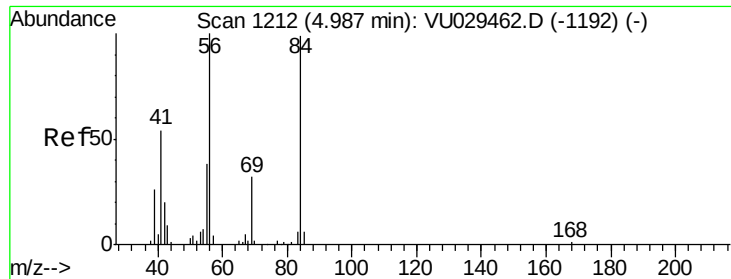
Ion Ratio Lower Upper

96 100

61 114.2 79.9 148.5

68 0.0 0.0 0.0

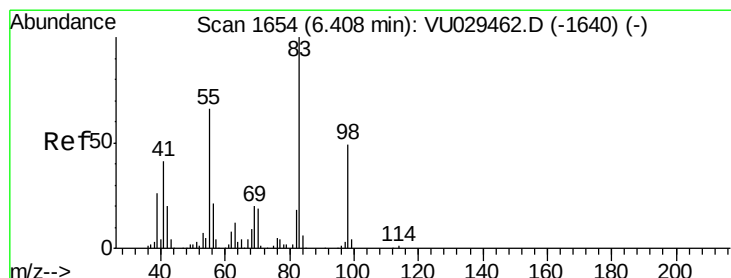
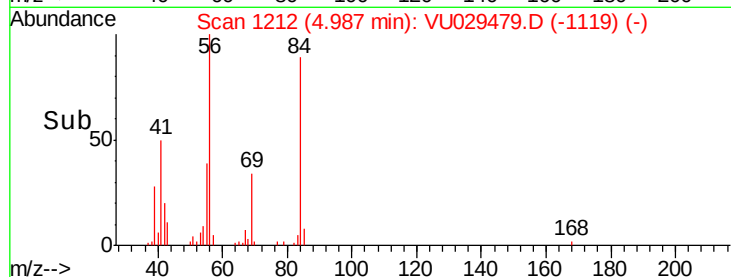
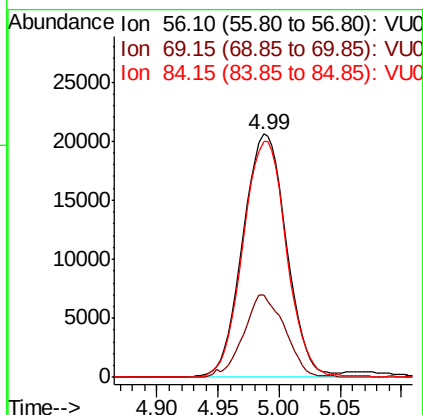
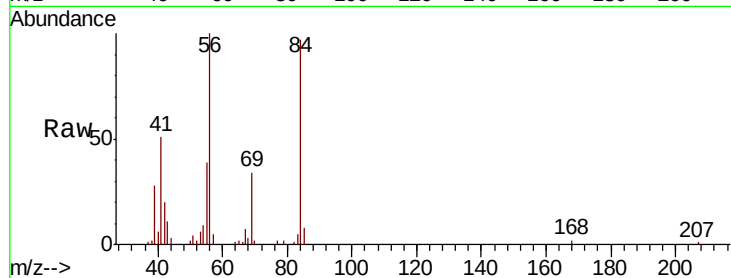




#30
Cyclohexane
Concen: 2.378 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampled :
ESXE0

Tot Ion: 56 Resp: 51130
Ion Ratio Lower Upper
56 100
69 31.9 25.8 38.6
84 96.7 75.0 112.6



#35
Methylcyclohexane
Concen: 1.220 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 83 Resp: 30810
Ion Ratio Lower Upper
83 100
55 74.1 55.9 83.9
98 47.3 38.6 57.8

