

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021619\
 Data File : VU029507.D
 Acq On : 15 Feb 2019 19:43
 Operator : JC/SP
 Sample : K1438-18DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE0DL

Quant Time: Feb 16 00:56:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 00:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186941	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97855	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62390	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.68	69	60765	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.27	63	100280	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.20	46	133609	51.16	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.65	84	97650	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	54965	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.34	84	219735	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	65171	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	217828	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.85	79	26032	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.31	63	140018	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56217	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	95184	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

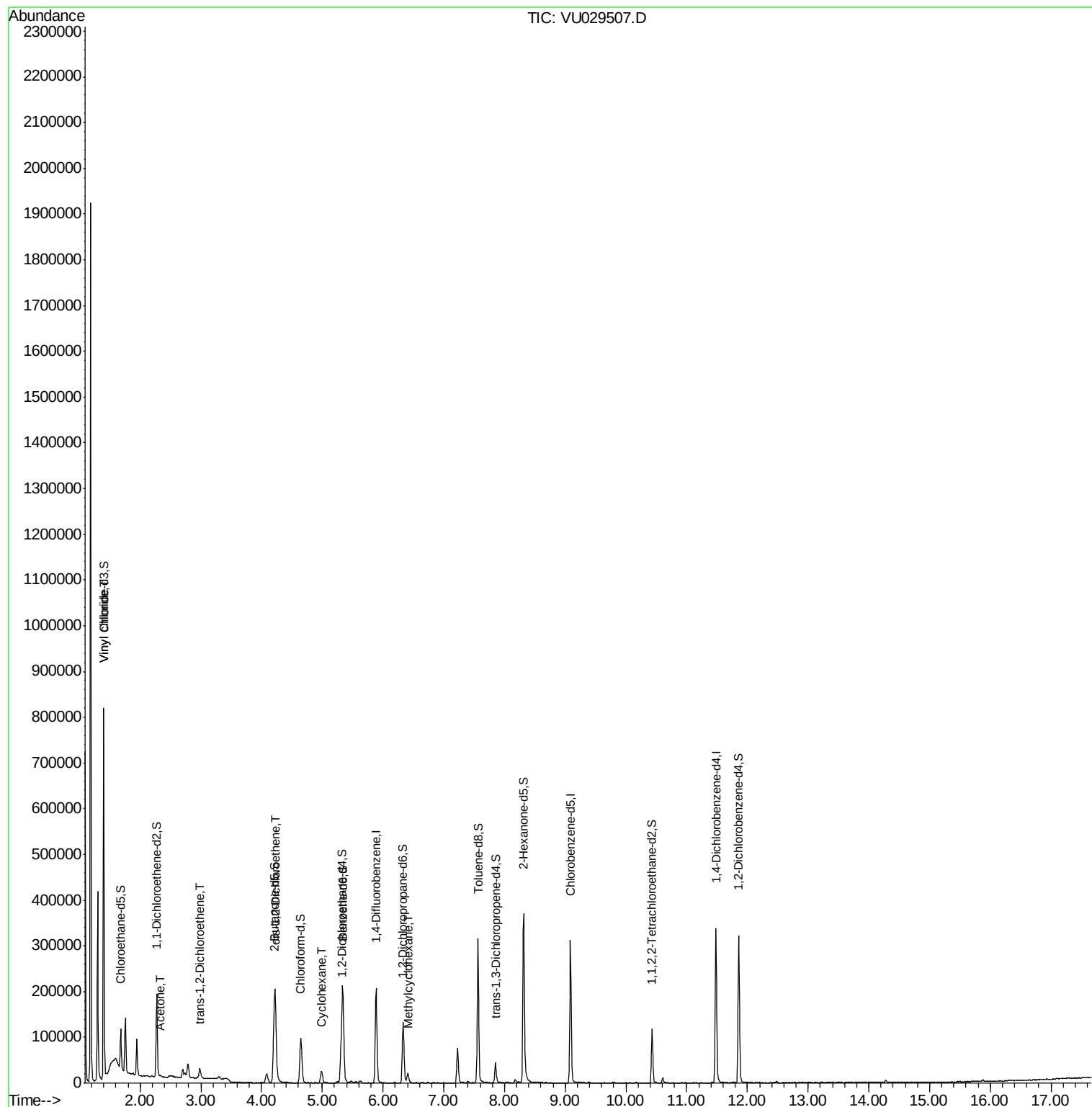
					Ovalue
5) Vinyl chloride	1.40	62	112645	6.257	ug/L 97
13) Acetone	2.34	43	2495	1.052	ug/L 97
18) trans-1,2-Dichloroethene	2.98	96	5980	0.365	ug/L 91
22) cis-1,2-Dichloroethene	4.22	96	92285	6.116	ug/L 97
30) Cyclohexane	4.98	56	14061	0.641	ug/L 99
35) Methylcyclohexane	6.41	83	9494	0.369	ug/L 98

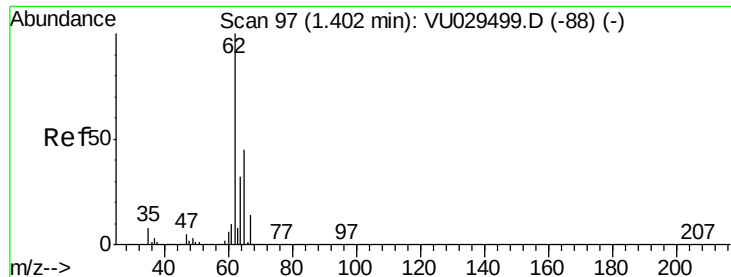
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 16 00:13:53 2019
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#5

Vinyl chloride

Concen: 6.257 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

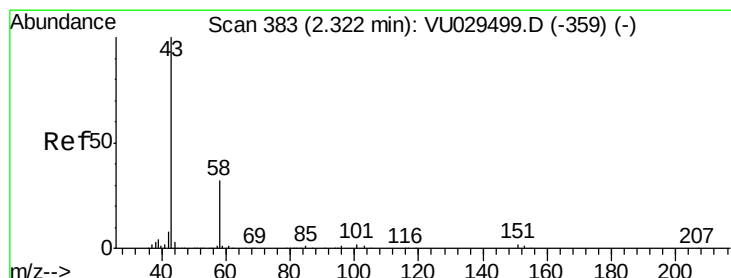
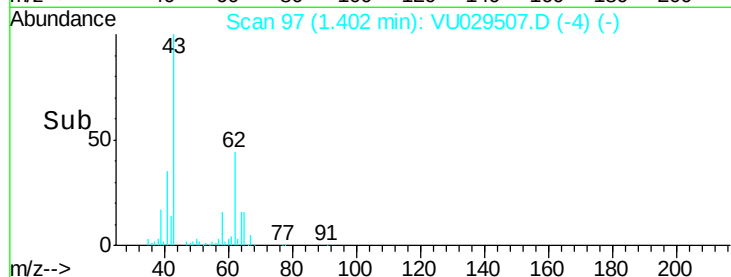
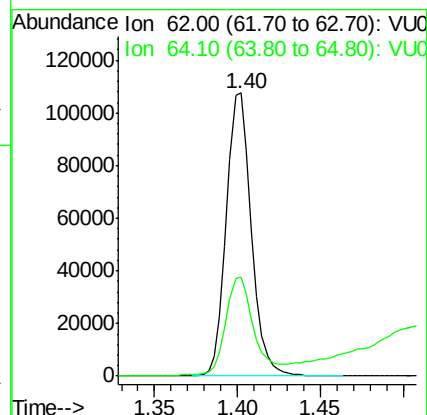
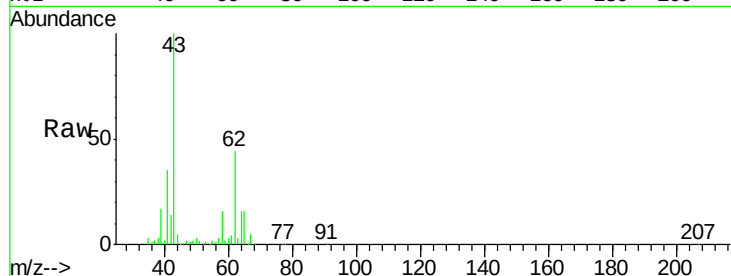
ESXE0DL

Tot Ion: 62 Resp: 112645

Ion Ratio Lower Upper

62 100

64 35.2 23.5 43.7



#13

Acetone

Concen: 1.052 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU029507.D

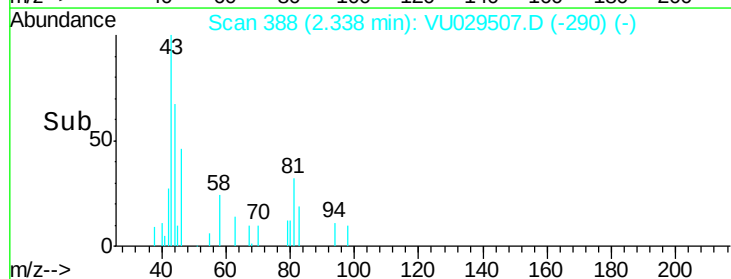
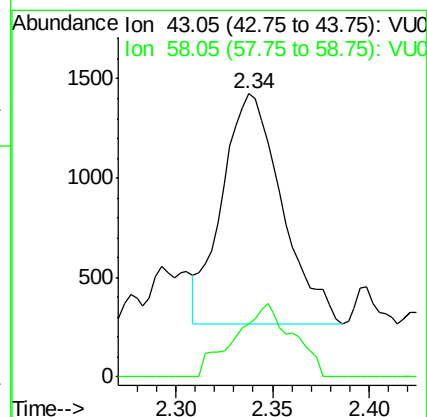
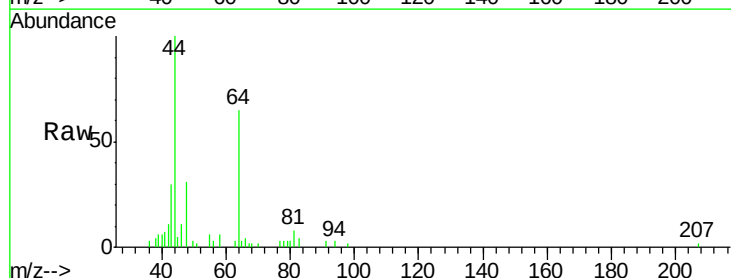
Acq: 15 Feb 2019 19:43

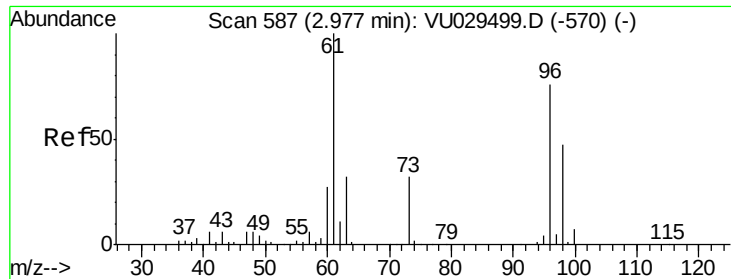
Tgt Ion: 43 Resp: 2495

Ion Ratio Lower Upper

43 100

58 30.7 0.0 65.0





#18

trans-1,2-Dichloroethene

Concen: 0.365 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029507.D

Acq: 15 Feb 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

ESXE0DL

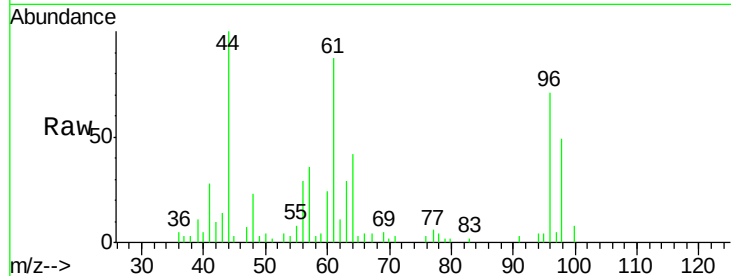
Tot Ion: 96 Resp: 5980

Ion Ratio Lower Upper

96 100

61 122.6 95.4 177.2

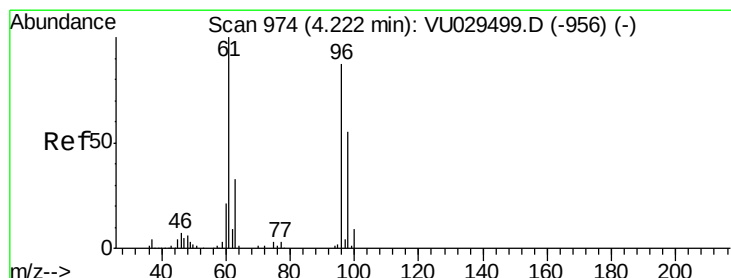
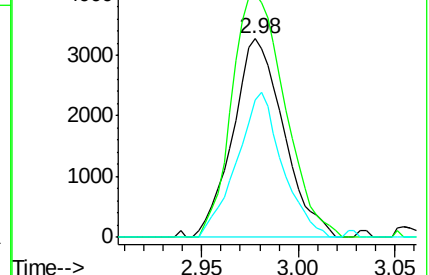
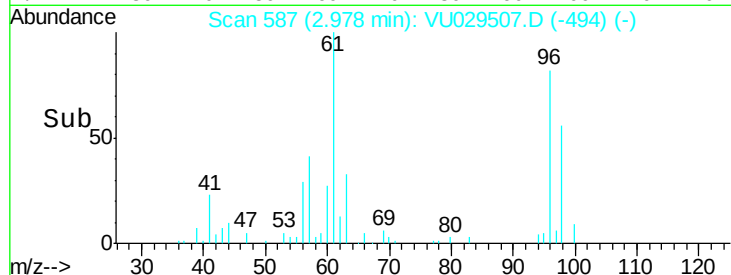
98 69.2 45.8 85.2



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: 6.116 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029507.D

Acq: 15 Feb 2019 19:43

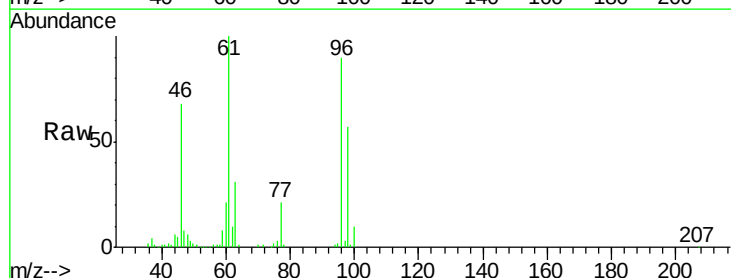
Tgt Ion: 96 Resp: 92285

Ion Ratio Lower Upper

96 100

61 111.5 79.9 148.5

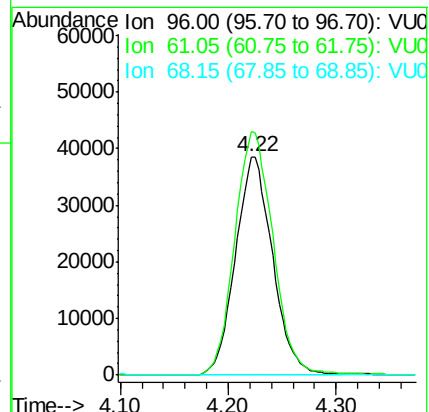
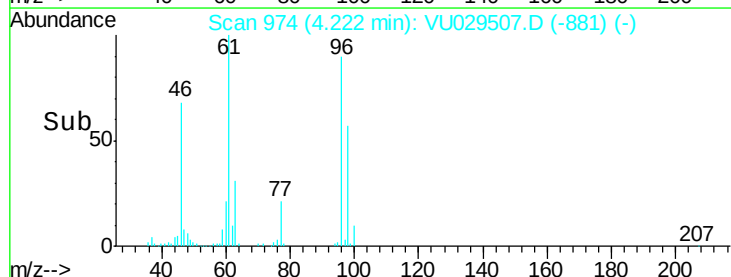
68 0.0 0.0 0.0

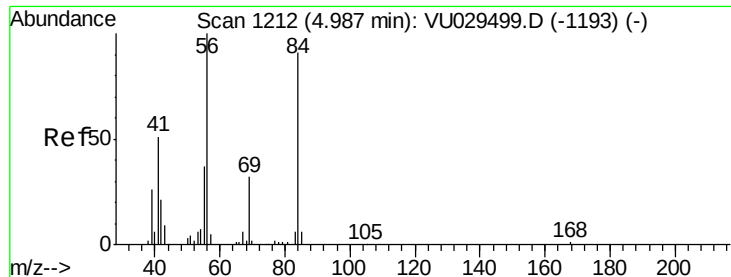


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

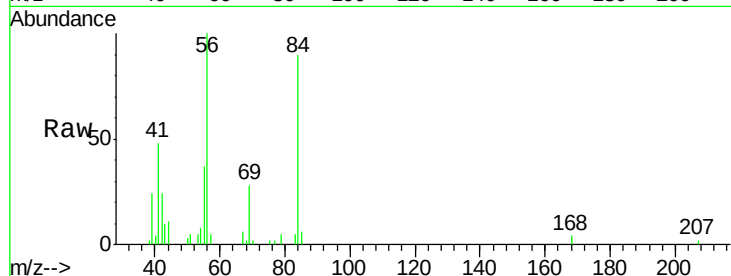




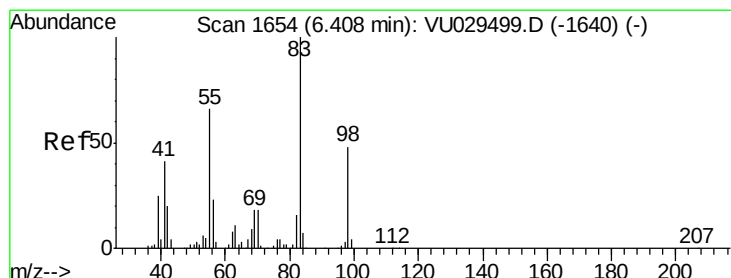
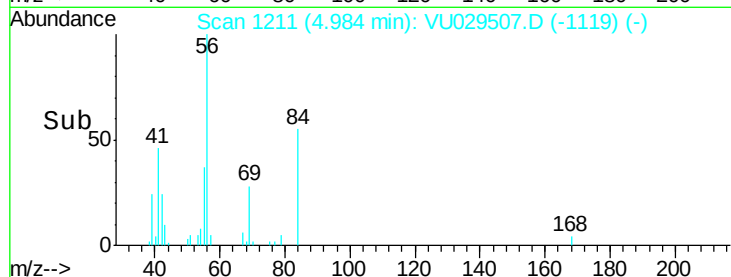
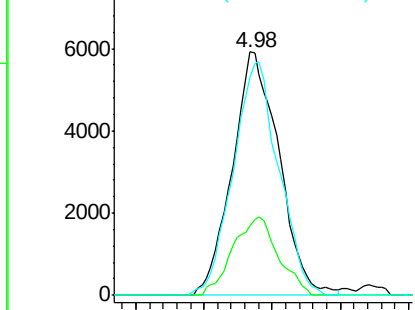
#30
Cyclohexane
Concen: 0.641 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
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ESXE0DL

Tot Ion: 56 Resp: 14061
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.6
84 93.6 75.0 112.6

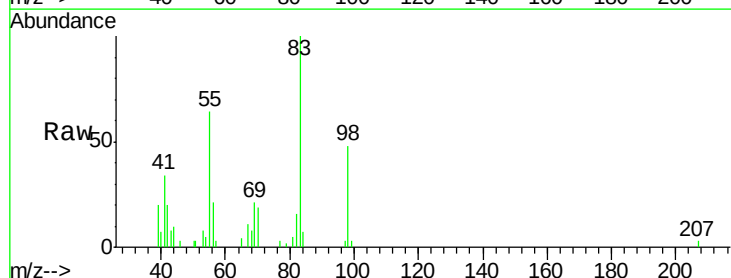


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0



#35
Methylcyclohexane
Concen: 0.369 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 83 Resp: 9494
Ion Ratio Lower Upper
83 100
55 67.9 55.9 83.9
98 47.8 38.6 57.8



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

