

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021419\
 Data File : VU029477.D
 Acq On : 14 Feb 2019 23:53
 Operator : JC/SP
 Sample : K1438-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD8

Quant Time: Feb 20 05:49:24 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	189244	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176336	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54243	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.68	69	48370	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.27	63	82312	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.19	46	136851	51.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.54%
24) Chloroform-d	4.65	84	94542	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	50171	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.34	84	191115	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	59375	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	181487	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	22439	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.31	63	134292	52.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52246	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	82720	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

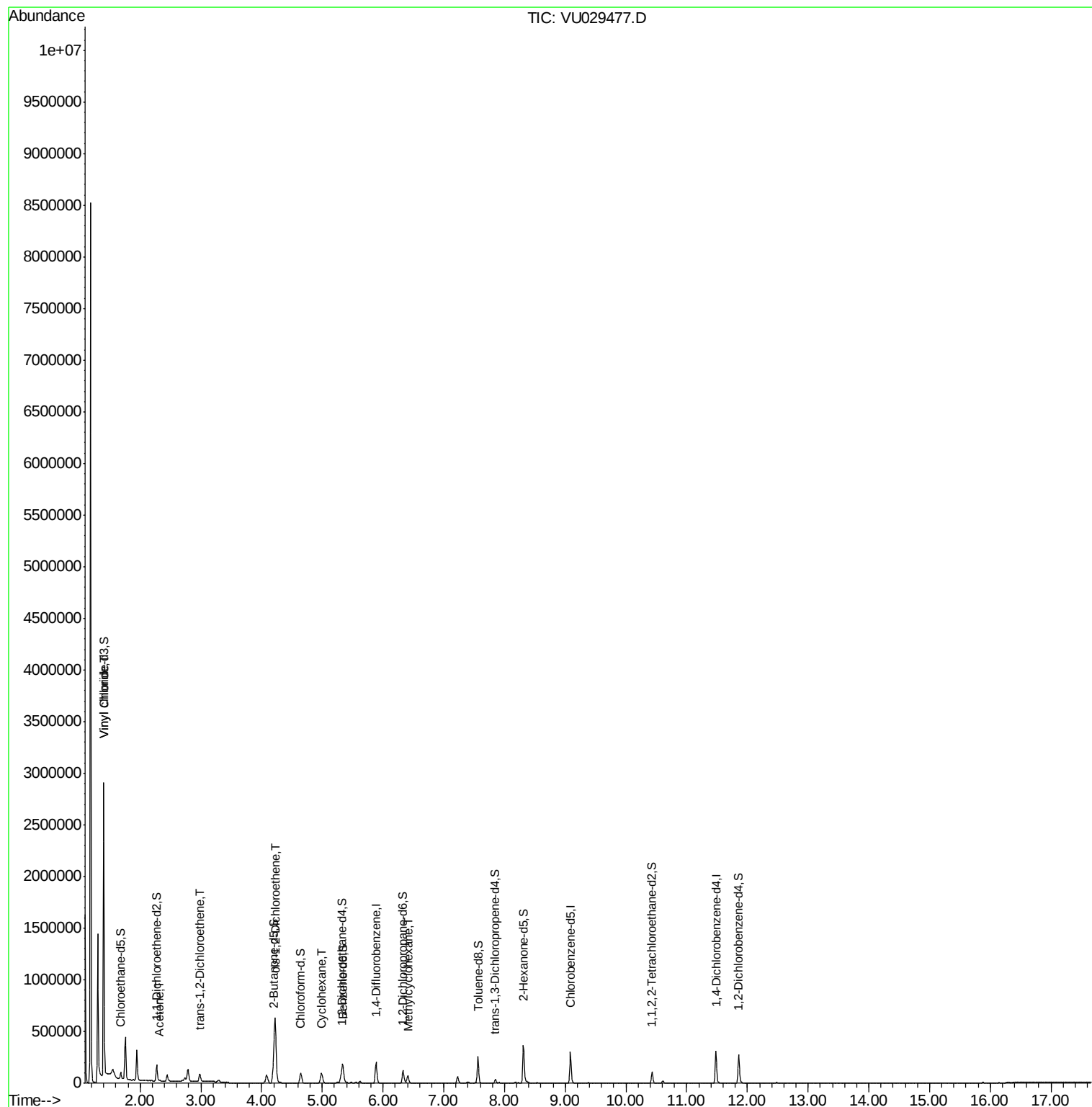
					Ovalue
5) Vinyl chloride	1.40	62	447582	24.558	ug/L 86
13) Acetone	2.32	43	7696	3.204	ug/L 95
18) trans-1,2-Dichloroethene	2.98	96	21626	1.302	ug/L 93
22) cis-1,2-Dichloroethene	4.22	96	362205	23.711	ug/L 98
30) Cyclohexane	4.99	56	52117	2.494	ug/L 96
35) Methylcyclohexane	6.41	83	31534	1.284	ug/L 95

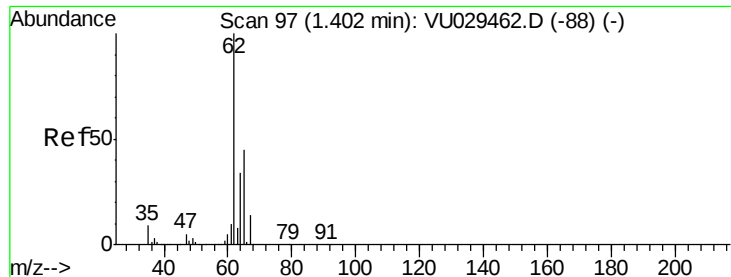
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 24.558 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029477.D

Acq: 14 Feb 2019 23:53

Instrument :

MSVOA_U

ClientSampled :

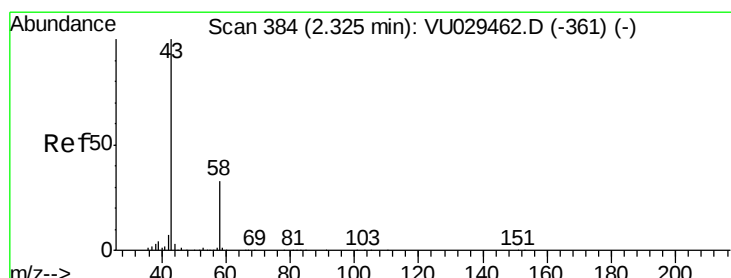
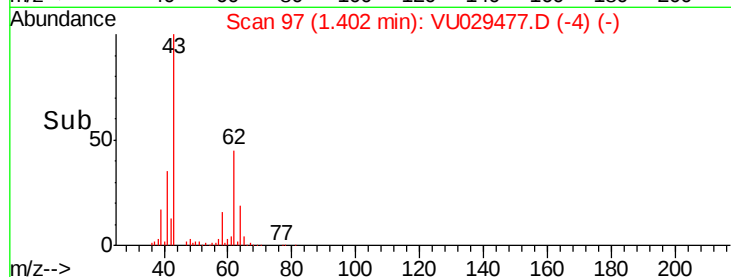
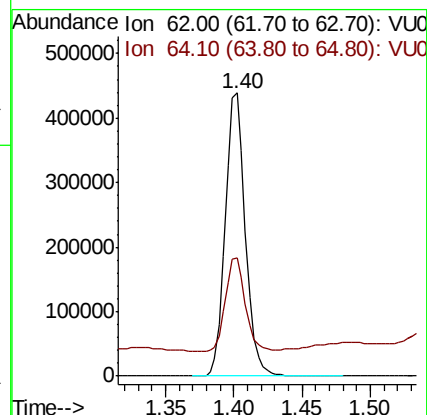
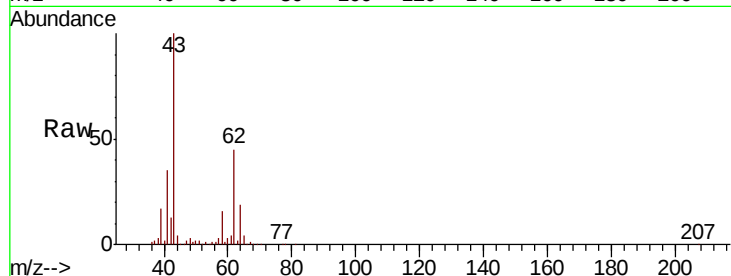
ESXD8

Tot Ion: 62 Resp: 447582

Ion Ratio Lower Upper

62 100

64 41.8 23.5 43.7



#13

Acetone

Concen: 3.204 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029477.D

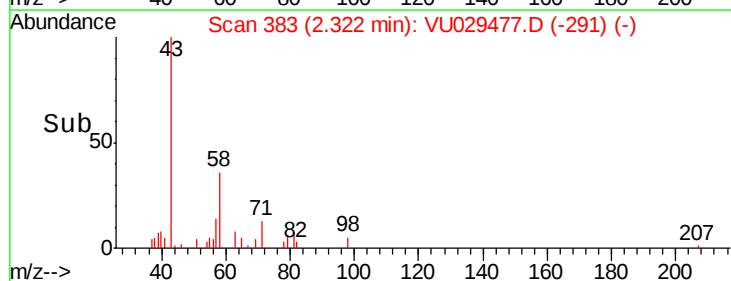
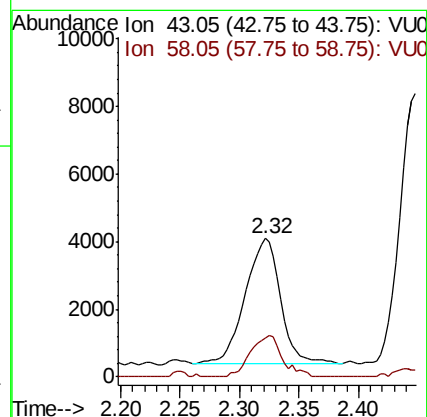
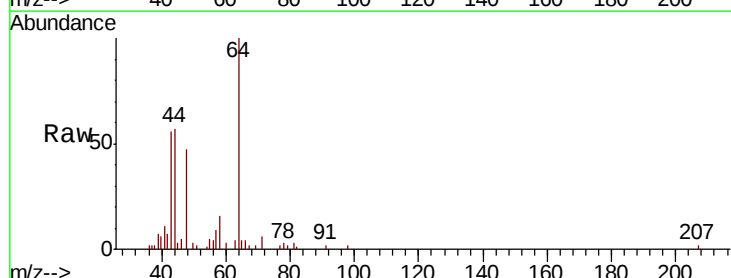
Acq: 14 Feb 2019 23:53

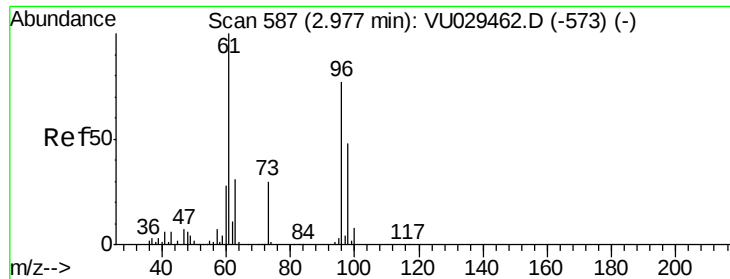
Tgt Ion: 43 Resp: 7696

Ion Ratio Lower Upper

43 100

58 29.5 0.0 65.0

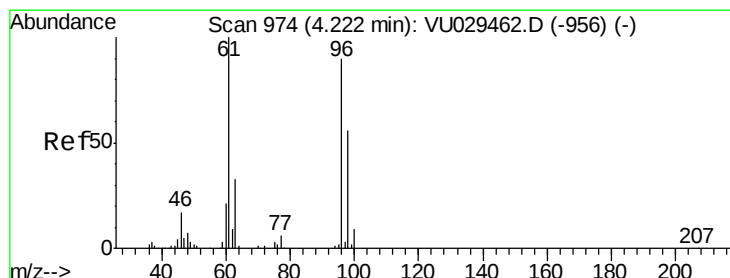
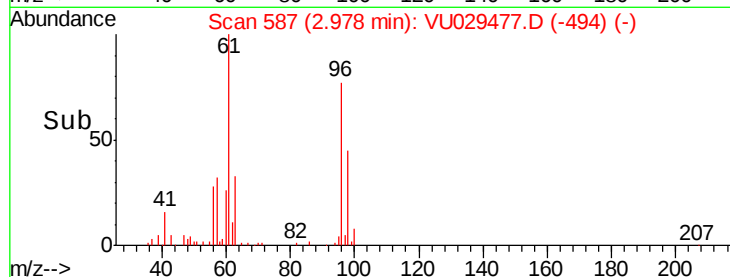
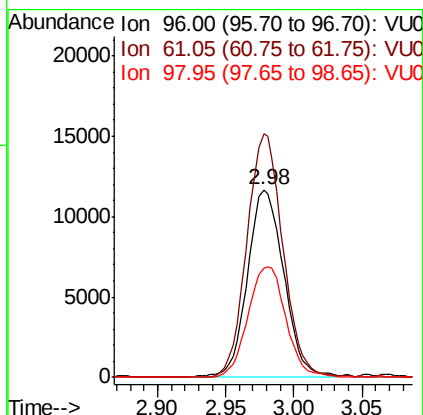
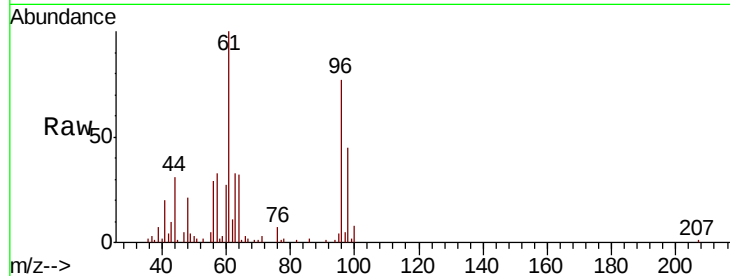




#18
 trans-1,2-Dichloroethene
 Concen: 1.302 ug/L
 RT: 2.98 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: VU029477.D
 Acq: 14 Feb 2019 23:53

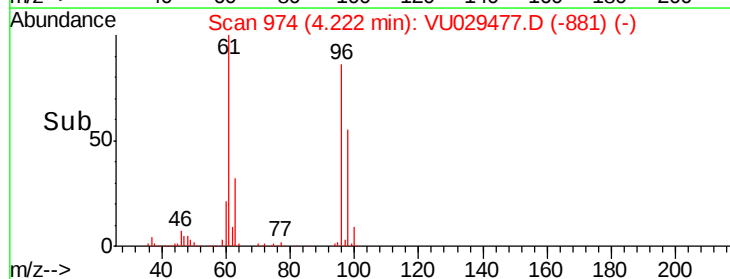
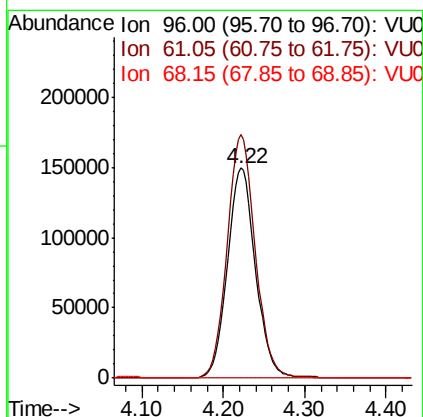
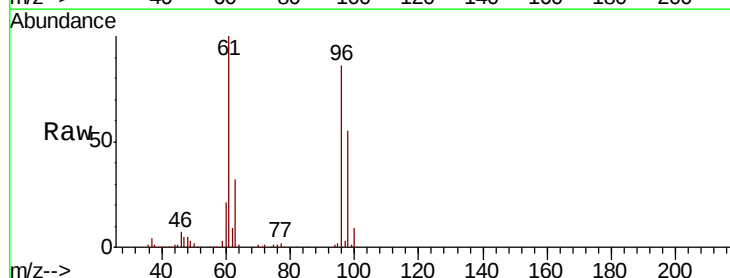
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 ESXD8

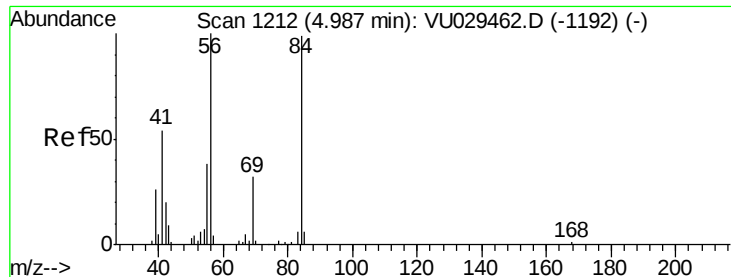
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	95.4	177.2
98	58.3	45.8	85.2



#22
 cis-1,2-Dichloroethene
 Concen: 23.711 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029477.D
 Acq: 14 Feb 2019 23:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	115.9	79.9	148.5
68	0.0	0.0	0.0

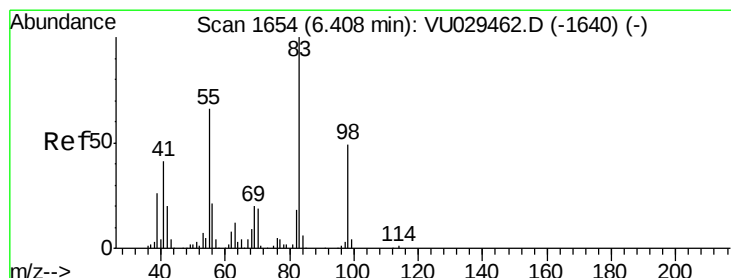
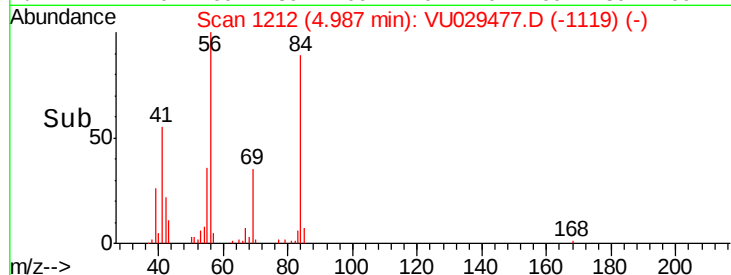
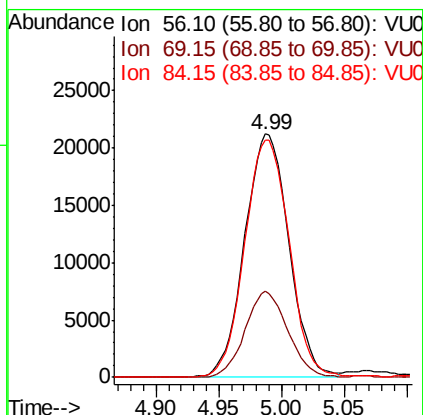
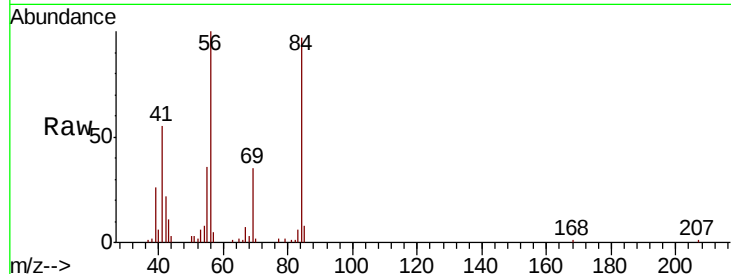




#30
Cyclohexane
Concen: 2.494 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029477.D
Acq: 14 Feb 2019 23:53

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ClientSampled :
ESXD8

Tot Ion	56	Resp	52117
Ion Ratio	Lower	Upper	
56	100		
69	33.8	25.8	38.6
84	98.0	75.0	112.6



#35
Methylcyclohexane
Concen: 1.284 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029477.D
Acq: 14 Feb 2019 23:53

Tgt Ion	83	Resp	31534
Ion Ratio	Lower	Upper	
83	100		
55	76.1	55.9	83.9
98	49.7	38.6	57.8

