

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030972.D
 Acq On : 09 Apr 2019 21:21
 Operator : JC/SP
 Sample : K2286-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE5

Quant Time: Apr 10 02:02:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	220805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80117	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.68	69	75068	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.27	63	123229	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.19	46	279757	64.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.68%
24) Chloroform-d	4.64	84	137602	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.31	65	92185	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.33	84	288200	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	103105	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.56	98	223299	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	32974	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	167916	51.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,1,2,2-Tetrachloroethane-	10.43	84	88712	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	83346	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

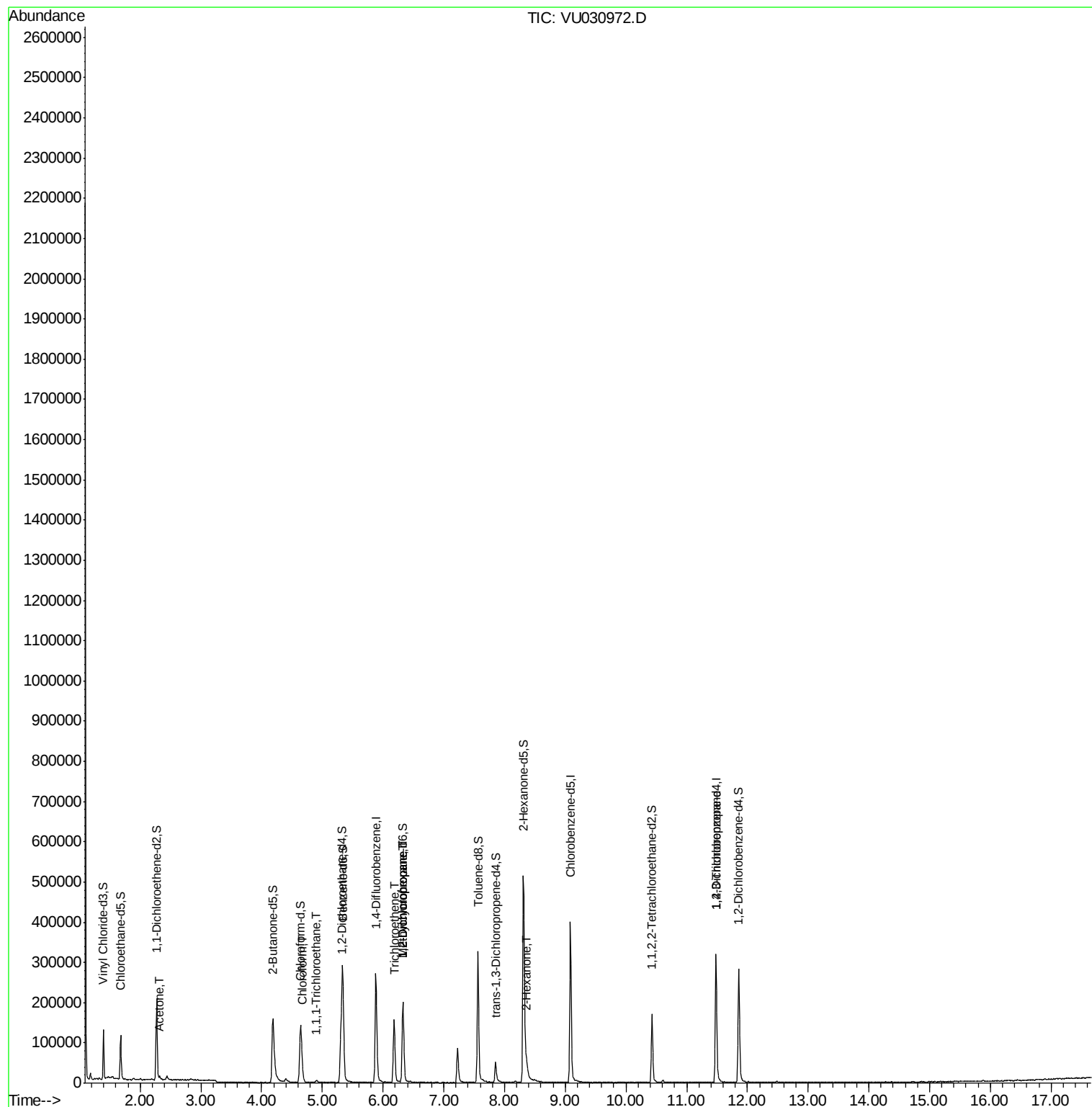
					Ovalue
13) Acetone	2.32	43	8192	2.437 ug/L	96
25) Chloroform	4.67	83	22708	0.692 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	4470	0.154 ug/L	93
34) Trichloroethene	6.18	95	58456	3.034 ug/L	95
35) Methylcyclohexane	6.33	83	23065	0.750 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	11393	0.538 ug/L #	91
48) 2-Hexanone	8.37	43	15690	1.714 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	10493	0.887 ug/L	90

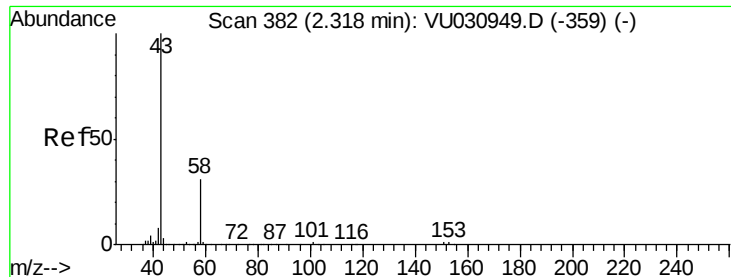
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.437 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030972.D

Acq: 09 Apr 2019 21:21

Instrument :

MSVOA_U

ClientSampleId :

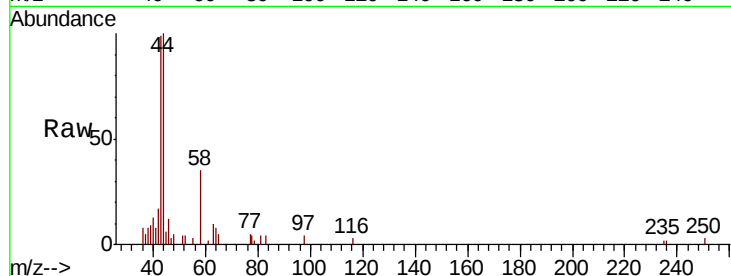
BEZE5

Tot Ion: 43 Resp: 8192

Ion Ratio Lower Upper

43 100

58 29.3 0.0 62.8

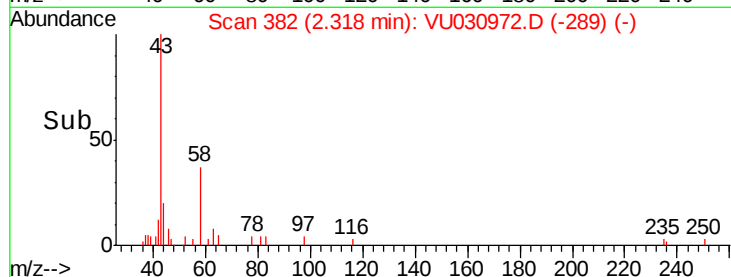


Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-359) (-)

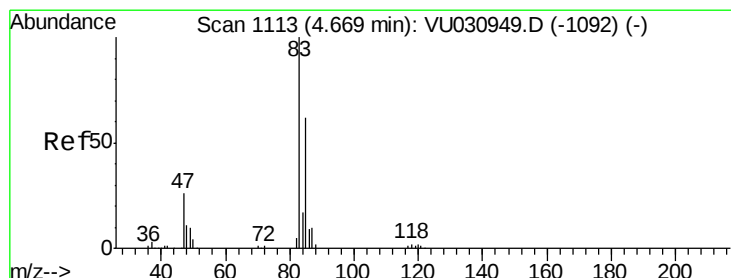
Ion 58.05 (57.75 to 58.75): VU030949.D (-359) (-)

2.32

Time-->



Time-->



#25

Chloroform

Concen: 0.692 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030972.D

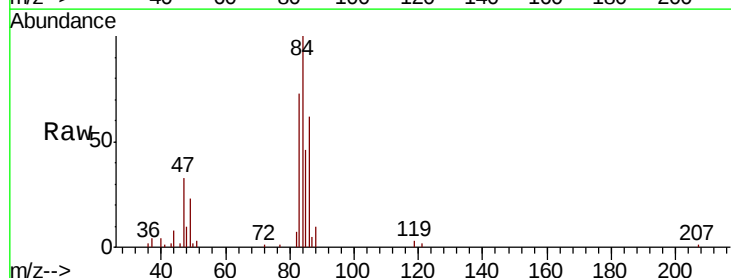
Acq: 09 Apr 2019 21:21

Tgt Ion: 83 Resp: 22708

Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.2

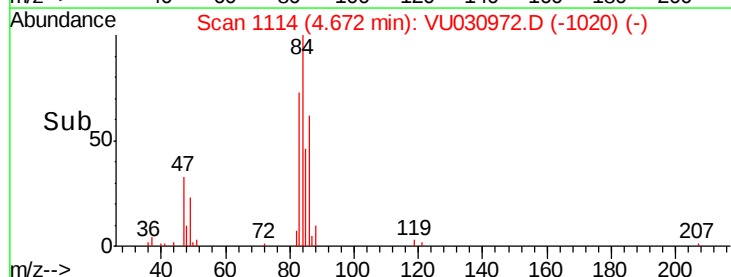


Abundance Ion 83.05 (82.75 to 83.75): VU030949.D (-1092) (-)

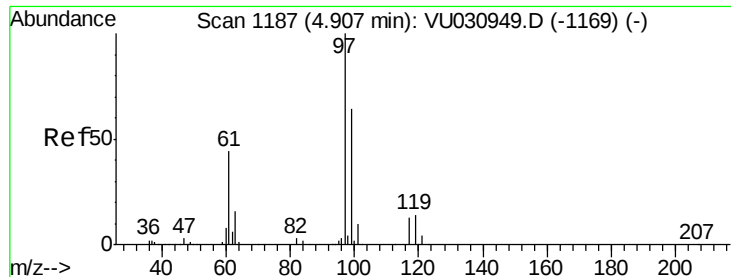
Ion 85.00 (84.70 to 85.70): VU030949.D (-1092) (-)

4.67

Time-->



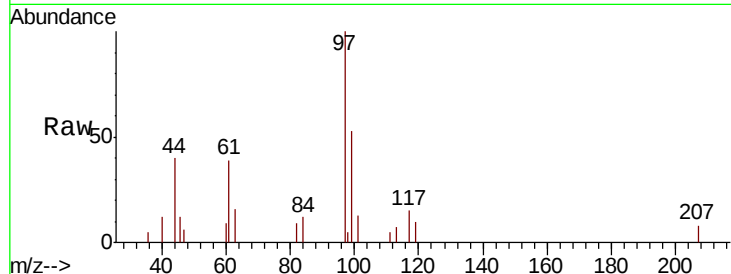
Time-->



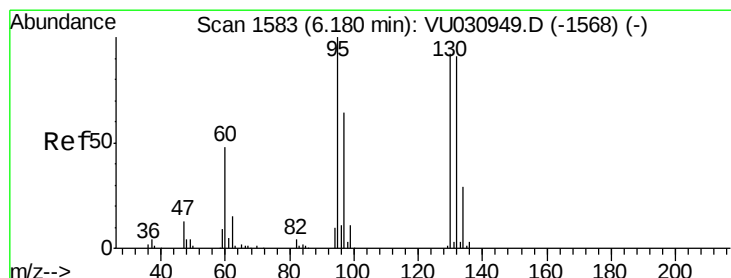
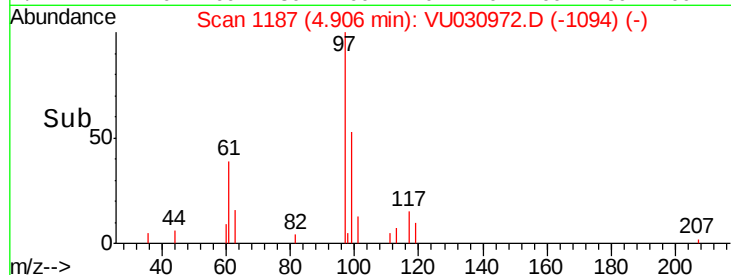
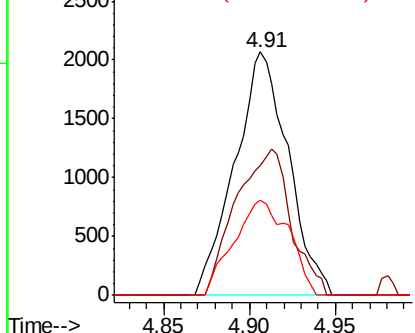
#29
 1,1,1-Trichloroethane
 Concen: 0.154 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030972.D
 Acq: 09 Apr 2019 21:21

Instrument :
 MSVOA_U
 ClientSampled :
 BEZE5

Tot Ion: 97 Resp: 4470
 Ion Ratio Lower Upper
 97 100
 99 62.0 51.8 77.6
 61 40.1 38.1 57.1

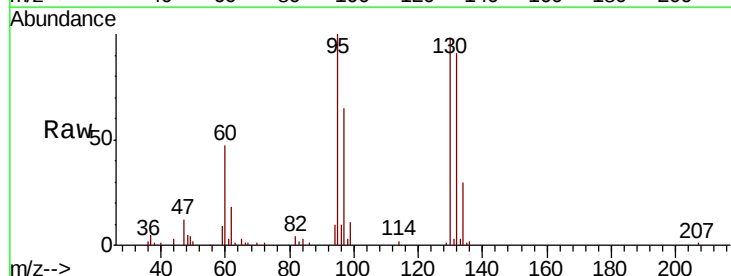


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

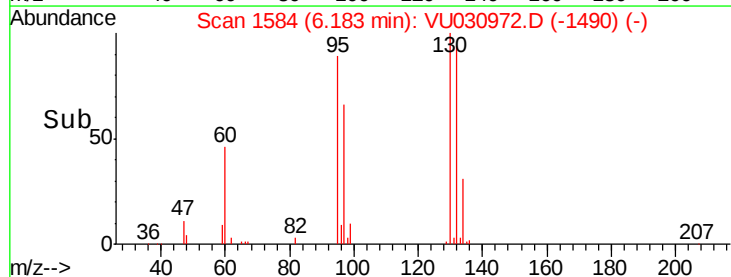
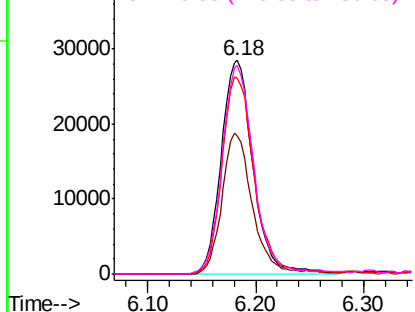


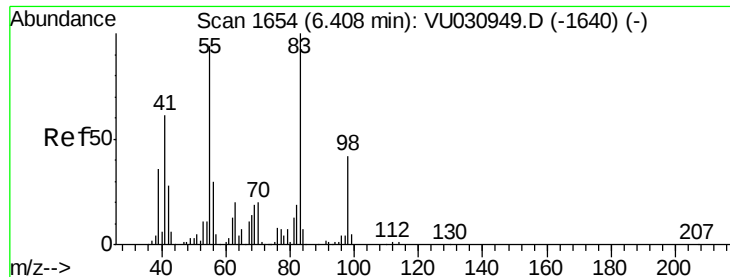
#34
 Trichloroethene
 Concen: 3.034 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030972.D
 Acq: 09 Apr 2019 21:21

Tgt Ion: 95 Resp: 58456
 Ion Ratio Lower Upper
 95 100
 97 64.8 43.5 80.9
 132 91.5 60.7 112.7
 130 97.8 65.1 120.9



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

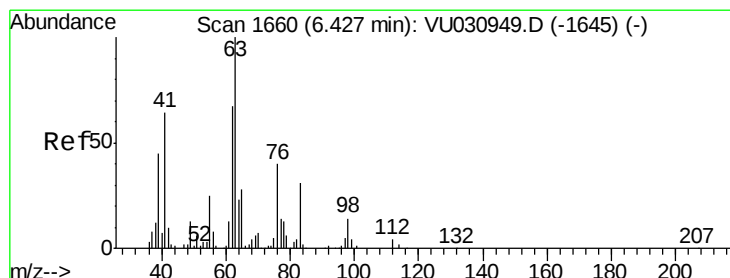
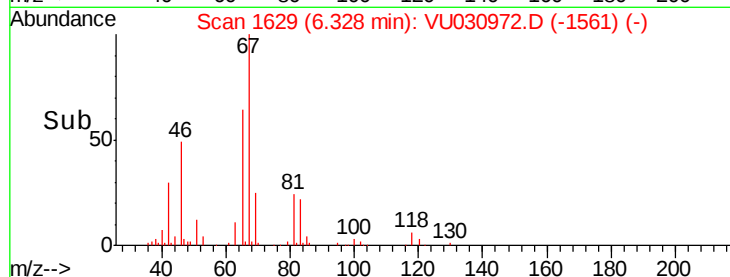
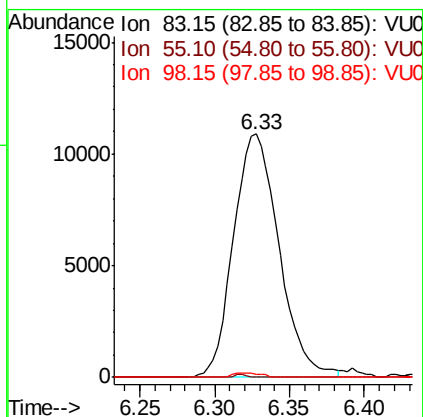
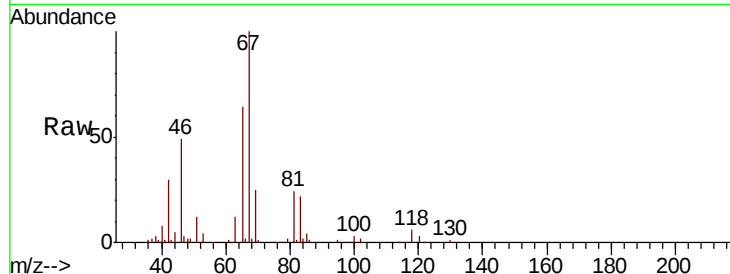




#35
Methvlcvclohexane
Concen: 0.750 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030972.D
Acq: 09 Apr 2019 21:21

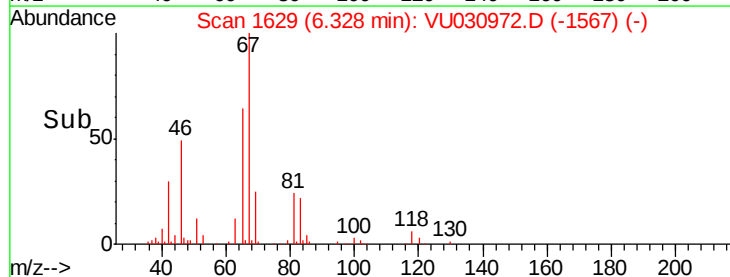
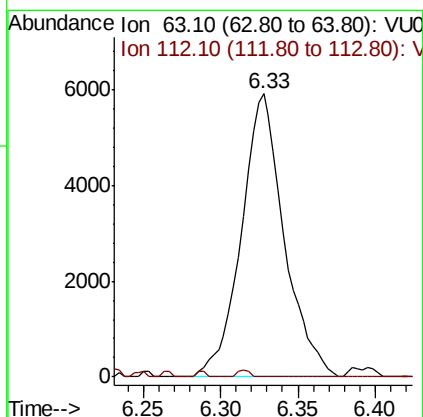
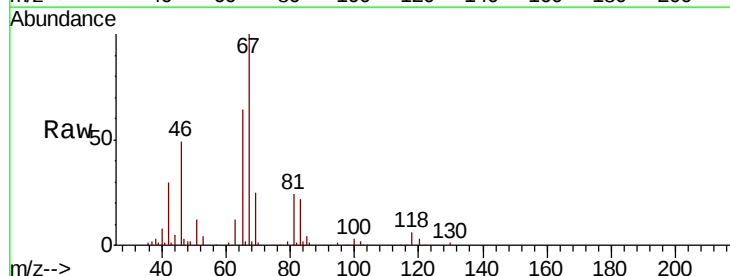
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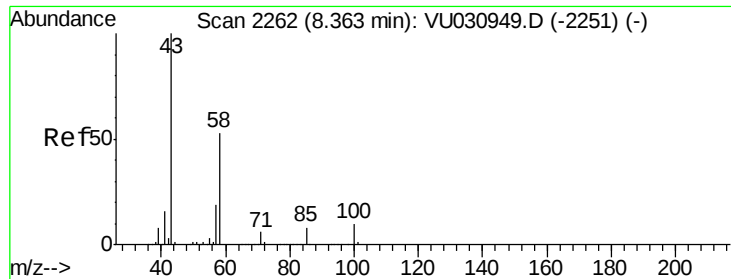
Tot Ion	83	Resp	23065
Ion Ratio	Lower	Upper	
83	100		
55	0.3	72.6	108.8#
98	1.0	35.0	52.6#



#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030972.D
Acq: 09 Apr 2019 21:21

Tgt Ion	63	Resp	11393
Ion Ratio	Lower	Upper	
63	100		
112	0.6	2.8	4.2#

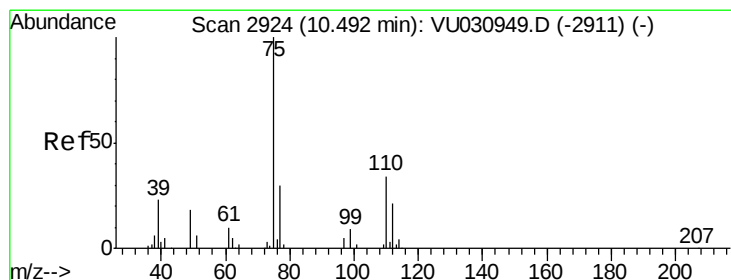
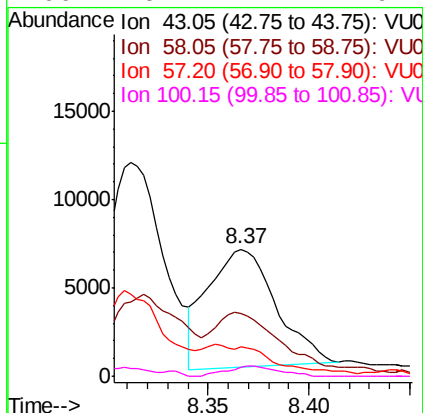
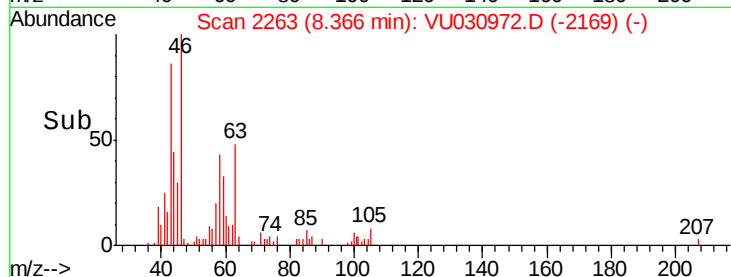
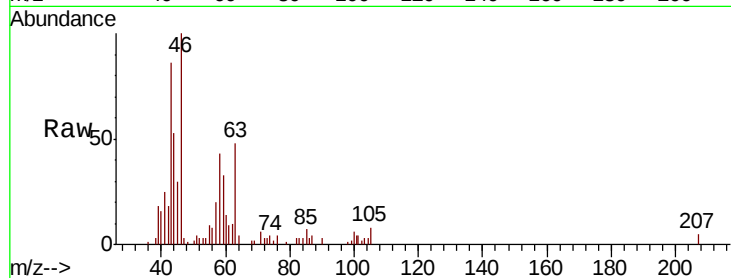




#48
2-Hexanone
Concen: 1.714 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU030972.D
Acq: 09 Apr 2019 21:21

Instrument :
MSVOA_U
ClientSampled :
BEZE5

Tot Ion: 43 Resp: 15690
Ion Ratio Lower Upper
43 100
58 45.0 42.5 63.7
57 2.5 13.9 20.9#
100 6.7 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 0.887 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030972.D
Acq: 09 Apr 2019 21:21

Tgt Ion: 75 Resp: 10493
Ion Ratio Lower Upper
75 100
77 37.6 25.6 38.4

