

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030937.D
 Acq On : 09 Apr 2019 05:50
 Operator : JC/SP
 Sample : K2283-10DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88DL

Quant Time: Apr 09 08:00:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 07:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222546	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92200	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.68	69	83155	6.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.20%
11) 1,1-Dichloroethene-d2	2.27	63	142674	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.19	46	282152	64.39	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.78%
24) Chloroform-d	4.64	84	164085	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.31	65	95105	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
32) Benzene-d6	5.33	84	321937	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.33	67	108838	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.56	98	253415	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	33861	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.31	63	176330	55.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86572	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	87724	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

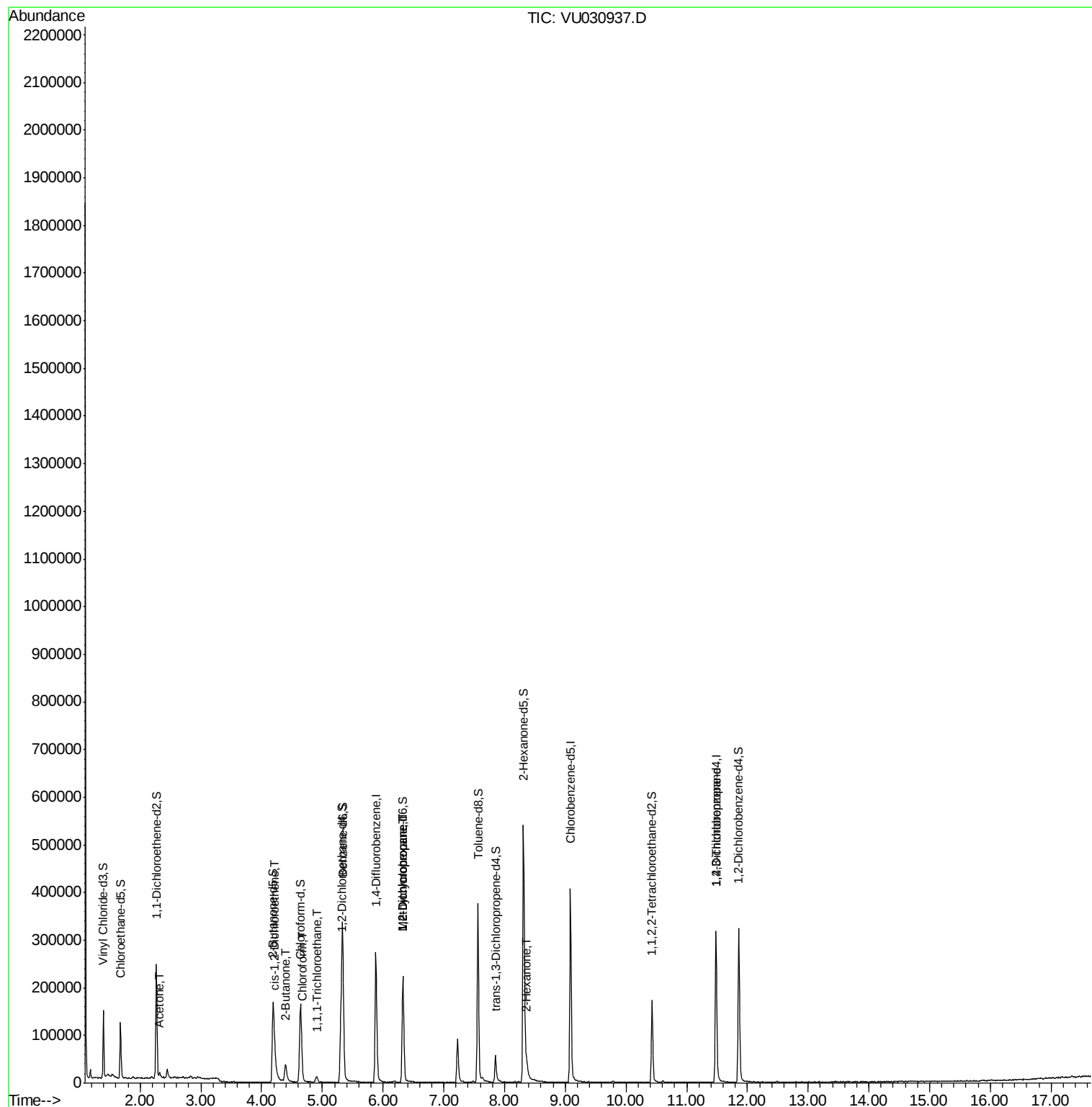
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	9547	2.818	ug/L	93
21) 2-Butanone	4.39	43	56059	10.440	ug/L #	54
22) cis-1,2-Dichloroethene	4.22	96	6380	0.349	ug/L	87
25) Chloroform	4.67	83	9799	0.296	ug/L	87
29) 1,1,1-Trichloroethane	4.91	97	9156	0.320	ug/L	99
35) Methylcyclohexane	6.33	83	25086	0.827	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	12128	0.581	ug/L #	91
48) 2-Hexanone	8.37	43	12070	1.337	ug/L #	53
59) 1,2,3-Trichloropropane	11.48	75	11132	0.954	ug/L	96

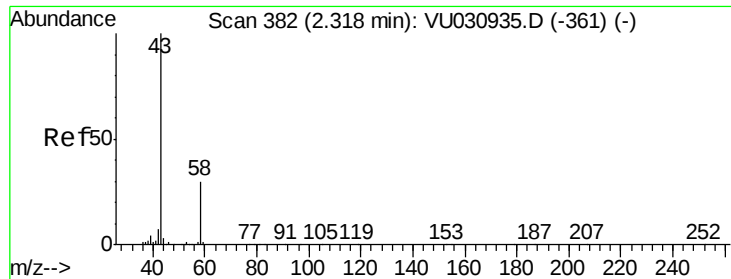
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.818 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030937.D

Acq: 09 Apr 2019 05:50

Instrument :

MSVOA_U

ClientSampleId :

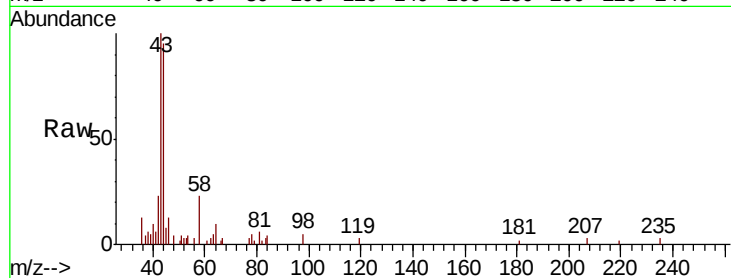
BEZ88DL

Tot Ion: 43 Resp: 9547

Ion Ratio Lower Upper

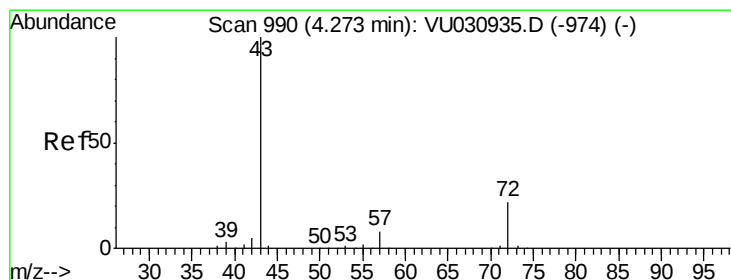
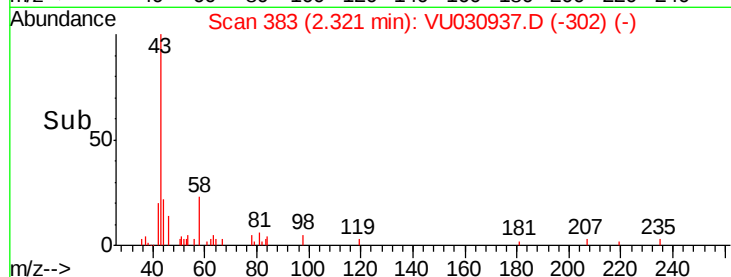
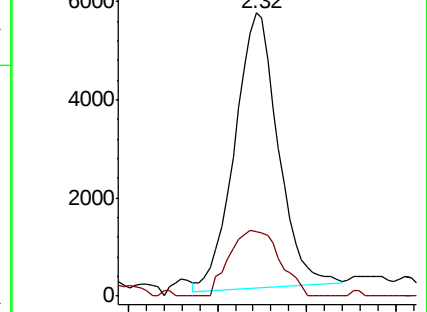
43 100

58 27.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030937.D (-302) (-)

Ion 58.05 (57.75 to 58.75): VU030937.D (-302) (-)



#21

2-Butanone

Concen: 10.440 ug/L

RT: 4.39 min Scan# 1027

Delta R.T. 0.09 min

Lab File: VU030937.D

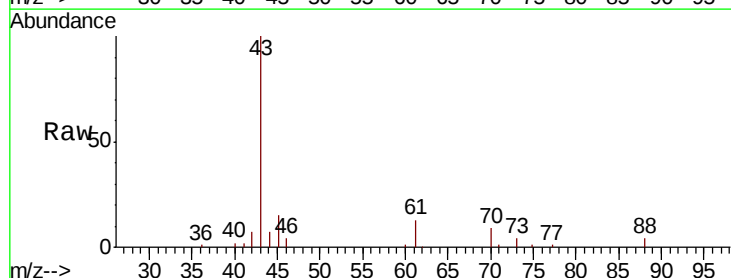
Acq: 09 Apr 2019 05:50

Tgt Ion: 43 Resp: 56059

Ion Ratio Lower Upper

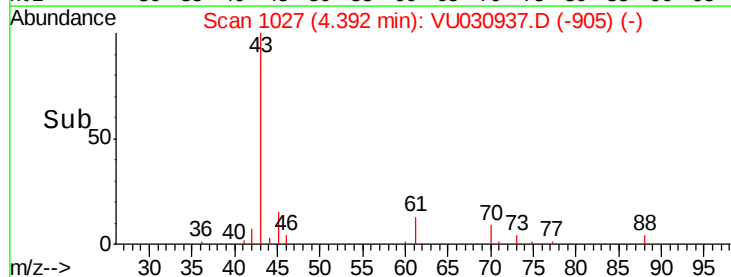
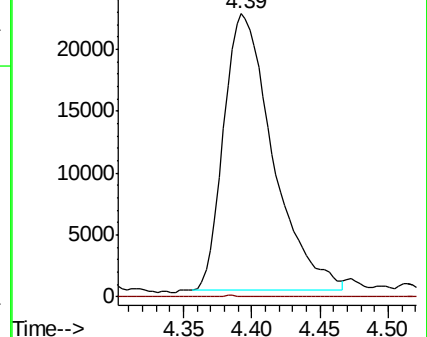
43 100

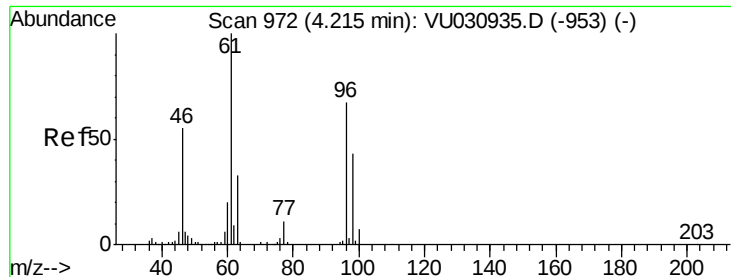
72 0.1 11.2 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU030937.D (-905) (-)

Ion 72.10 (71.80 to 72.80): VU030937.D (-905) (-)



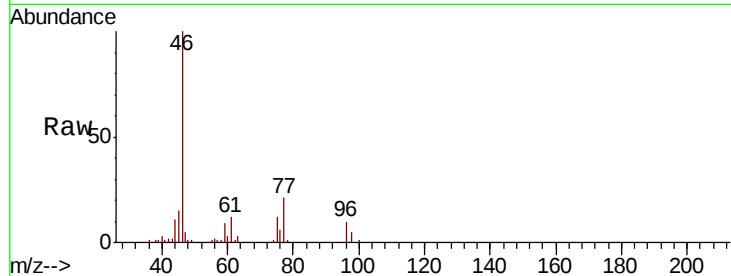


#22

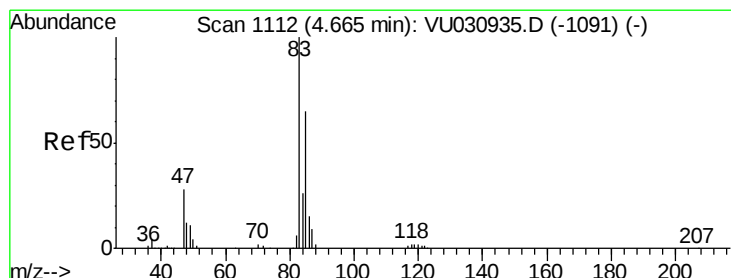
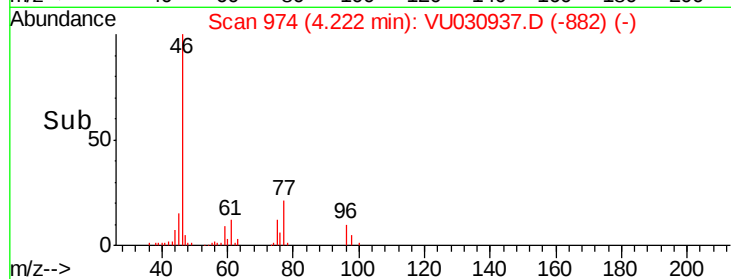
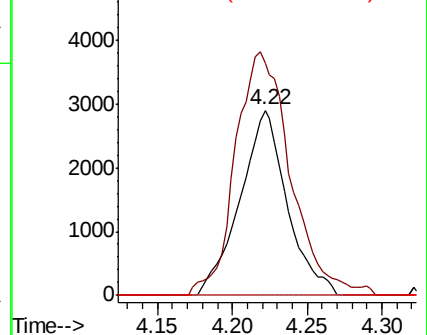
cis-1,2-Dichloroethene
 Concen: 0.349 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU030937.D
 Acq: 09 Apr 2019 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88DL

Tot Ion: 96 Resp: 6380
 Ion Ratio Lower Upper
 96 100
 61 125.0 98.9 183.7
 68 0.0 0.0 0.0



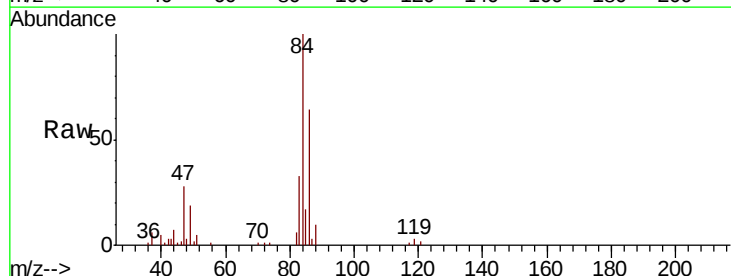
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



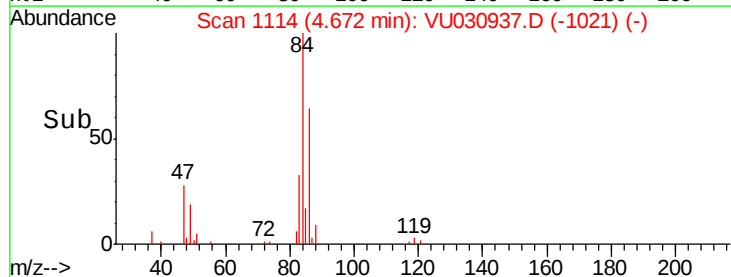
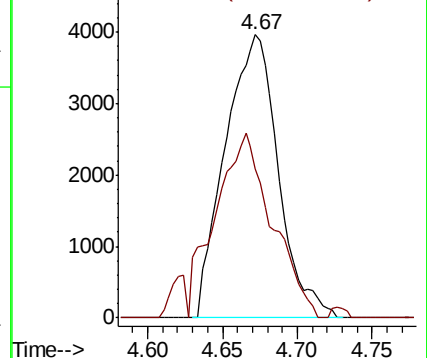
#25

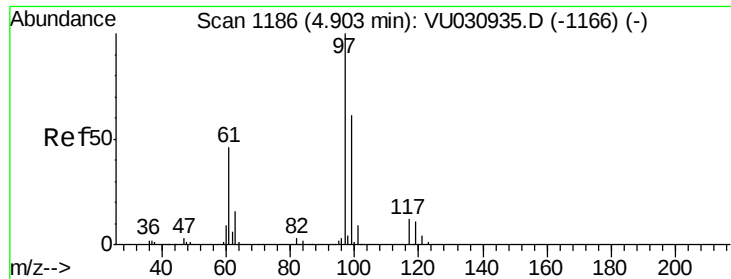
Chloroform
 Concen: 0.296 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VU030937.D
 Acq: 09 Apr 2019 05:50

Tgt Ion: 83 Resp: 9799
 Ion Ratio Lower Upper
 83 100
 85 52.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

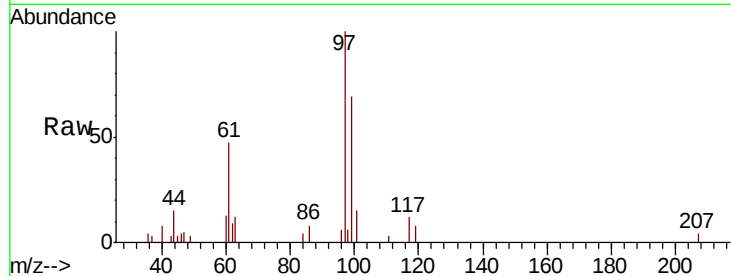




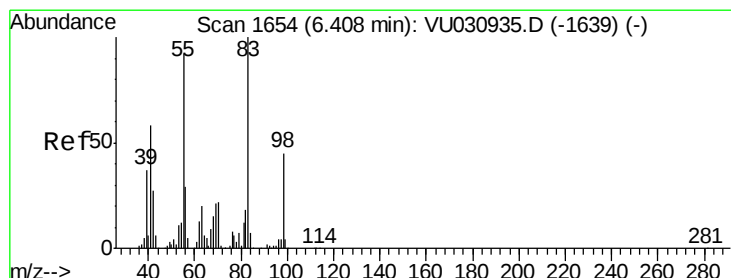
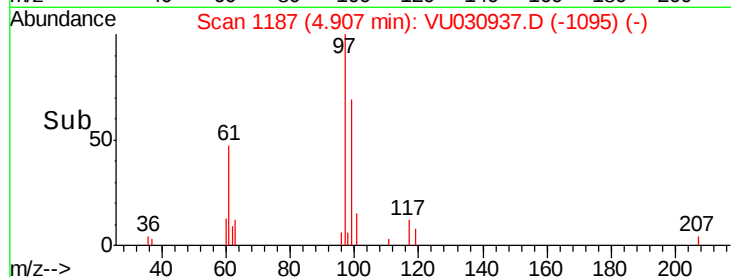
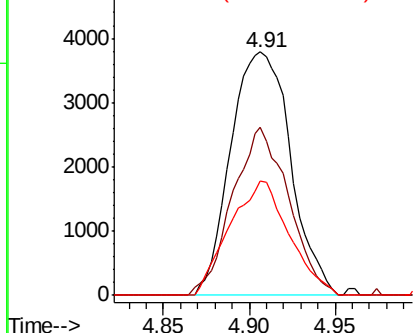
#29
 1,1,1-Trichloroethane
 Concen: 0.320 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030937.D
 Acq: 09 Apr 2019 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88DL

Tot Ion: 97 Resp: 9156
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.8 77.6
 61 46.8 38.1 57.1

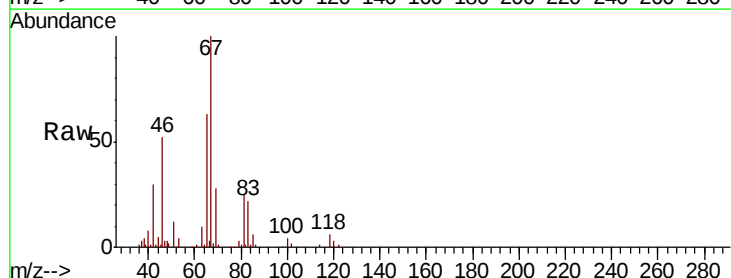


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

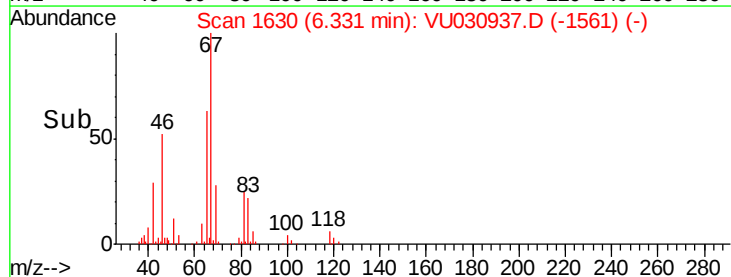
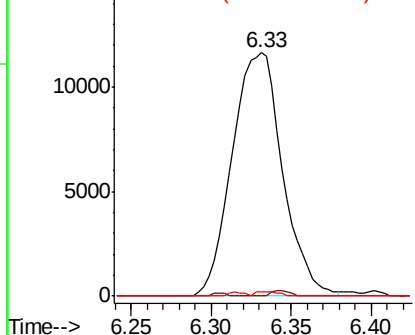


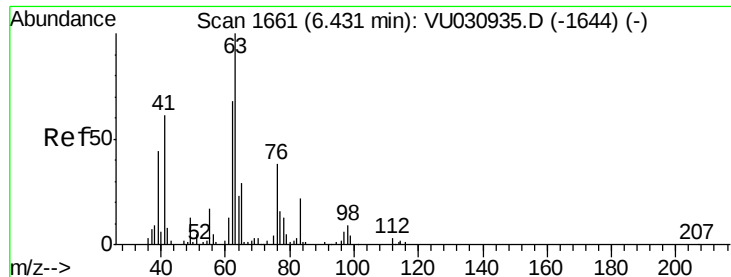
#35
 Methylcyclohexane
 Concen: 0.827 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.08 min
 Lab File: VU030937.D
 Acq: 09 Apr 2019 05:50

Tgt Ion: 83 Resp: 25086
 Ion Ratio Lower Upper
 83 100
 55 0.8 72.6 108.8#
 98 0.8 35.0 52.6#



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





#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030937.D

Acq: 09 Apr 2019 05:50

Instrument :

MSVOA_U

ClientSampleId :

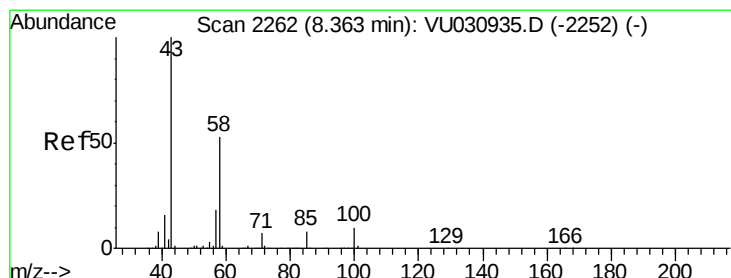
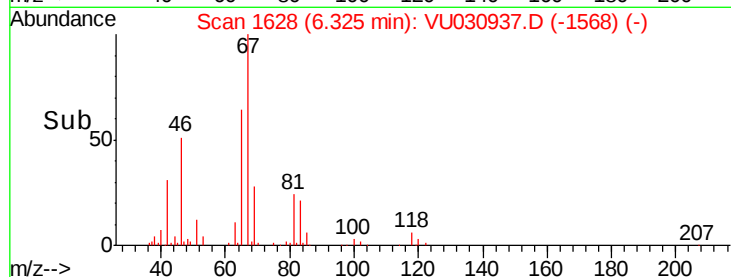
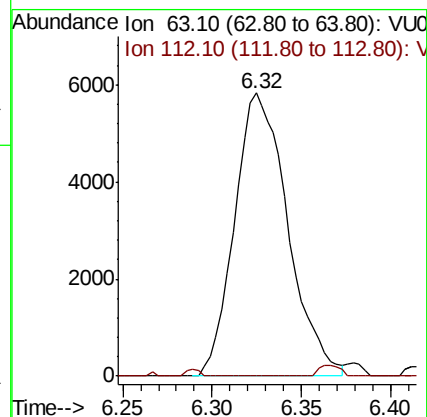
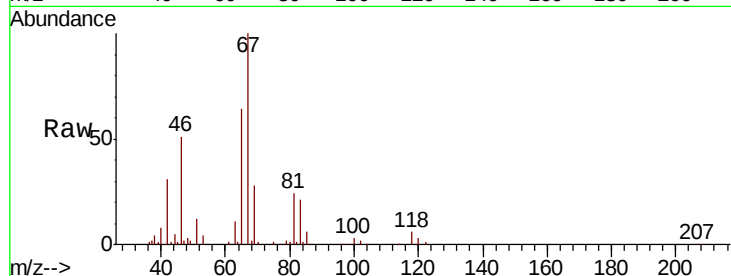
BEZ88DL

Tot Ion: 63 Resp: 12128

Ion Ratio Lower Upper

63 100

112 0.6 2.8 4.2#



#48

2-Hexanone

Concen: 1.337 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030937.D

Acq: 09 Apr 2019 05:50

Tgt Ion: 43 Resp: 12070

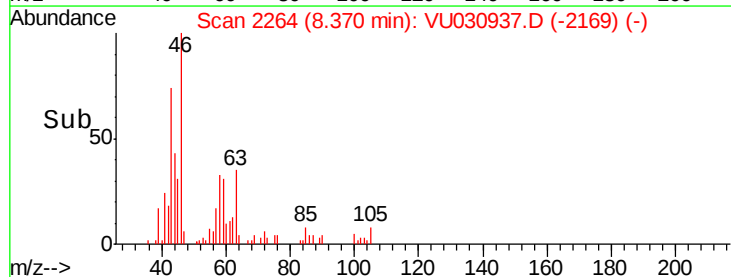
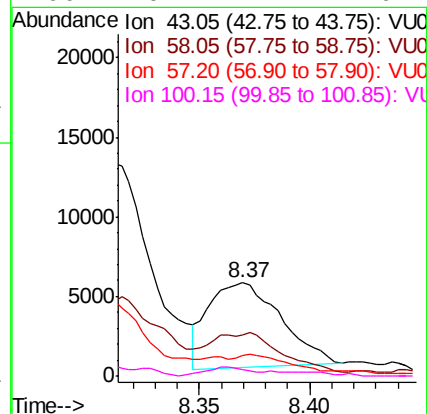
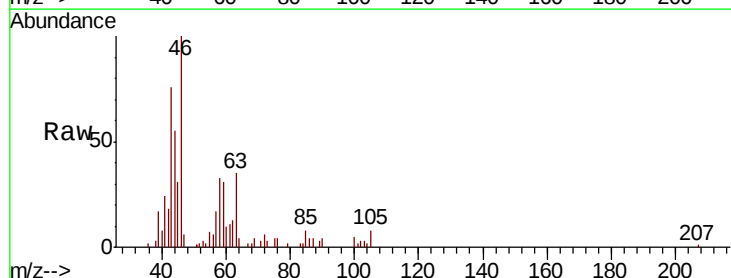
Ion Ratio Lower Upper

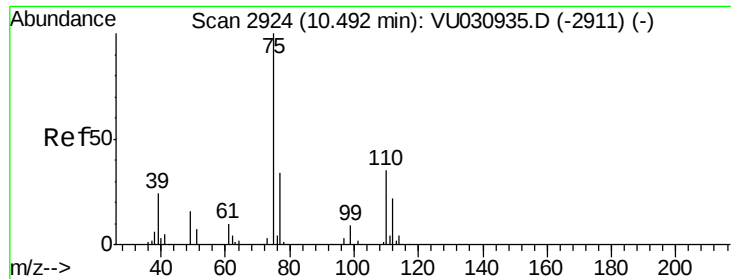
43 100

58 5.7 42.5 63.7#

57 13.5 13.9 20.9#

100 6.1 7.1 10.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.954 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030937.D
 Acq: 09 Apr 2019 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88DL

Tot Ion: 75 Resp: 11132
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.6 38.4

