

Data File : VU029600.D
Acq On : 21 Feb 2019 16:11
Operator : JC/SP
Sample : K1531-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 22 03:13:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	244930	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	235335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	121222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71891	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	69127	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	116785	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.19	46	177134	48.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.65	84	123280	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.31	65	70833	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.34	84	285379	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.33	67	85655	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.56	98	270780	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	32376	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	176393	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73318	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	115379	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

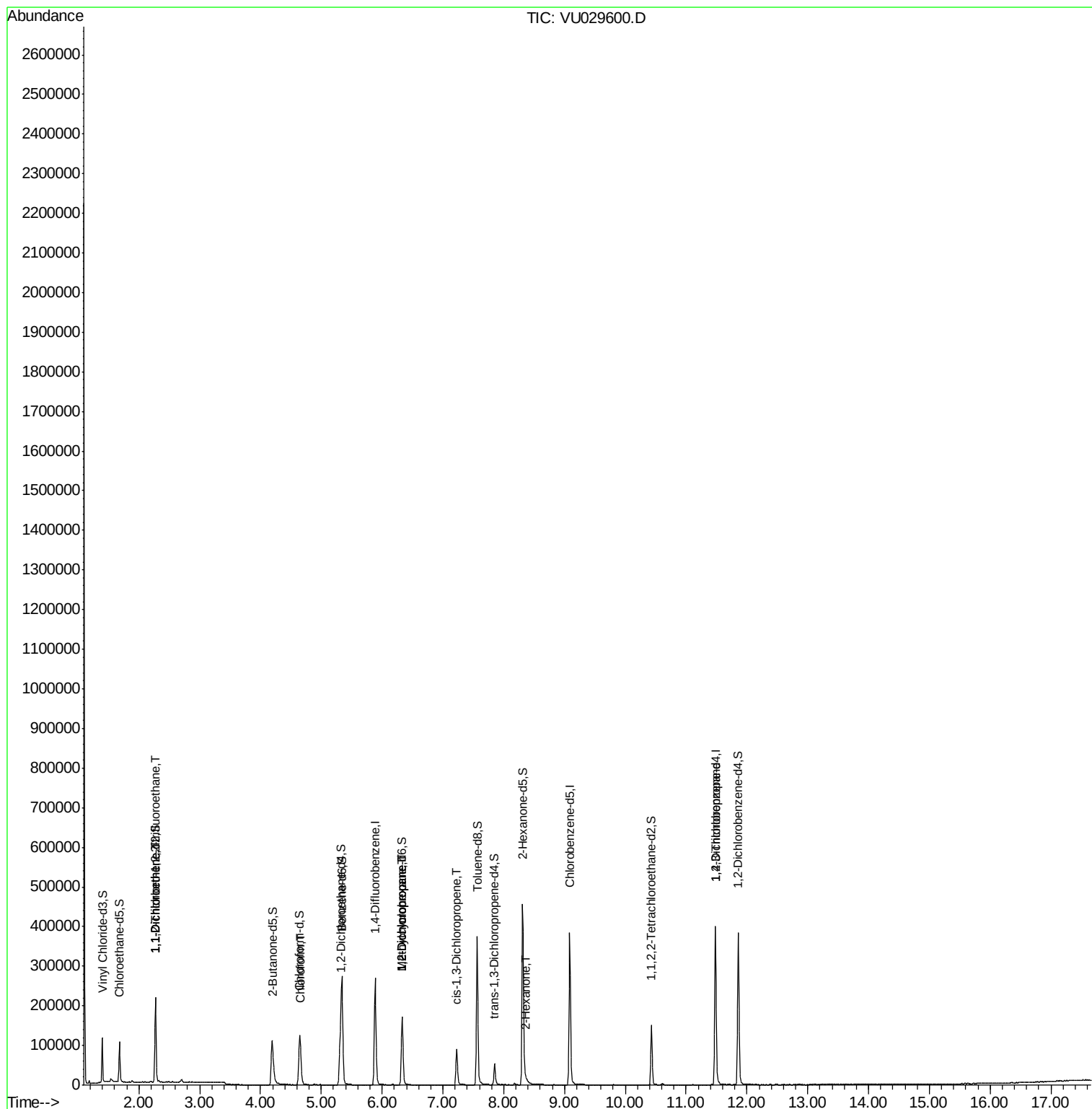
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1233	0.065	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1022	0.056	ug/L #	1
25) Chloroform	4.67	83	13058	0.424	ug/L	89
35) Methylcyclohexane	6.33	83	19717	0.700	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	9811	0.626	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2180	0.095	ug/L #	72
48) 2-Hexanone	8.37	43	5514	0.856	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	12197	1.166	ug/L	90

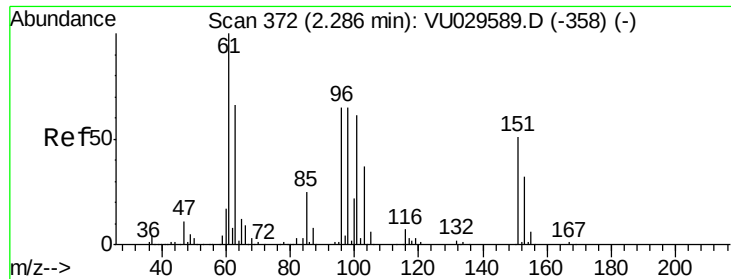
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.065 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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ClientSampleId :

VHBLK01

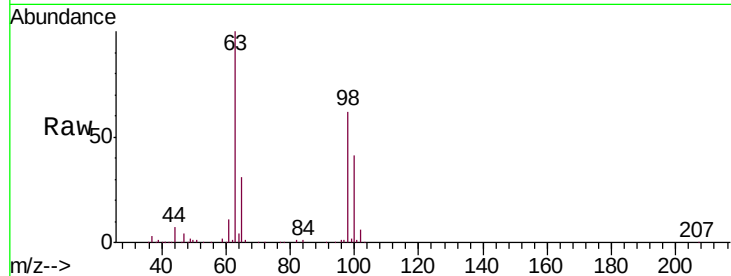
Tgt Ion: 101 Resp: 1233

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

600

400

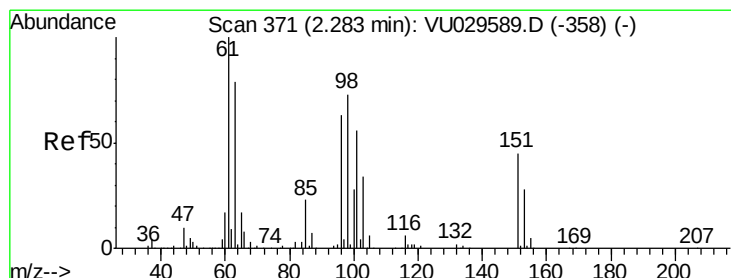
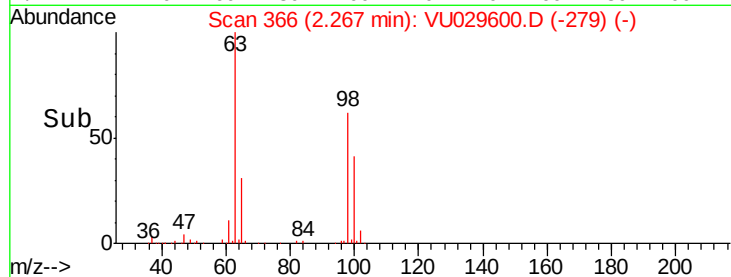
200

0

2.25

2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029600.D

Acq: 21 Feb 2019 16:11

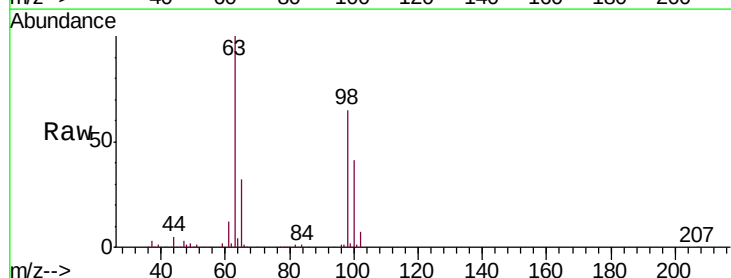
Tgt Ion: 96 Resp: 1022

Ion Ratio Lower Upper

96 100

61 1182.2 111.3 206.7#

63 10205.2 88.5 164.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

100000

80000

60000

40000

20000

0

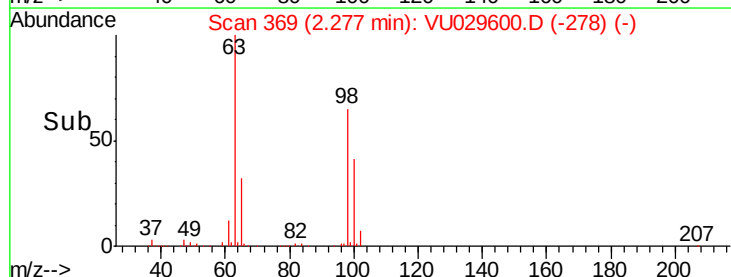
2.24

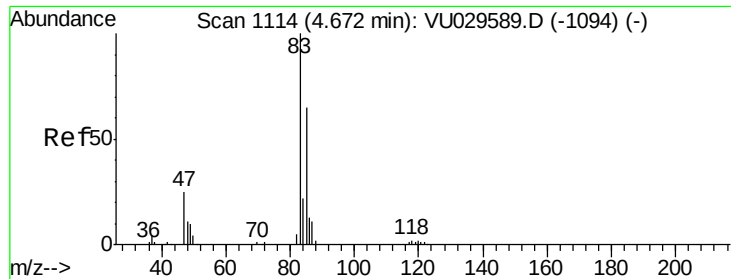
2.26

2.28

2.30

Time-->

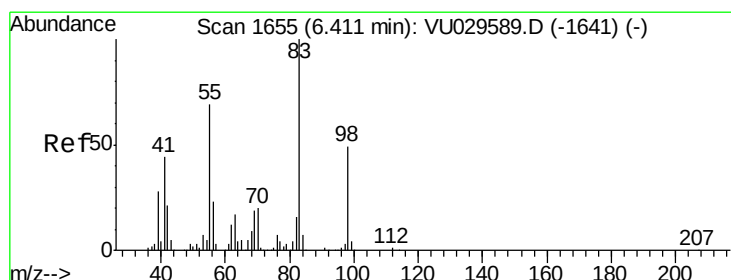
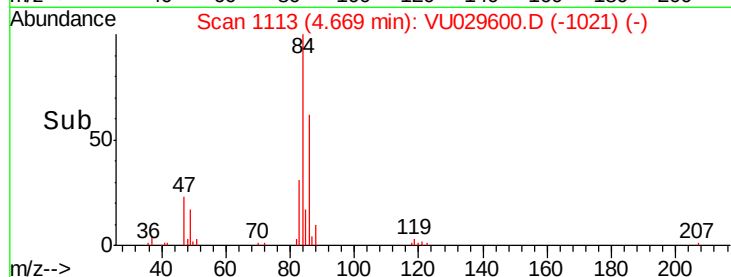
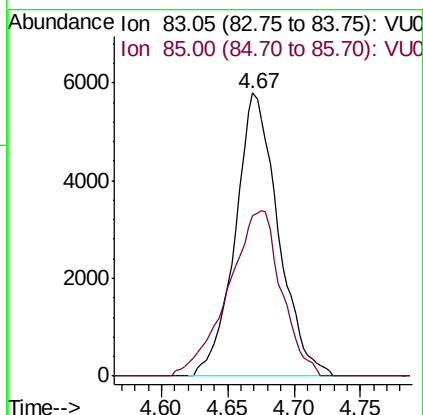
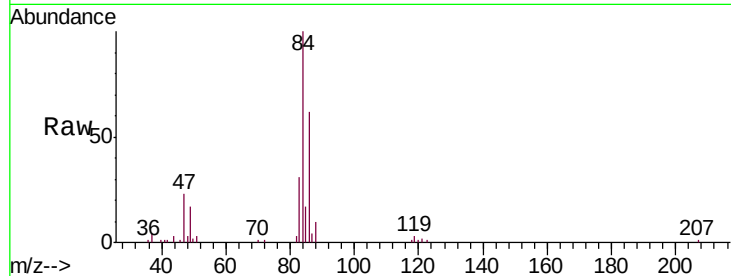




#25
Chloroform
Concen: 0.424 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029600.D
Acq: 21 Feb 2019 16:11

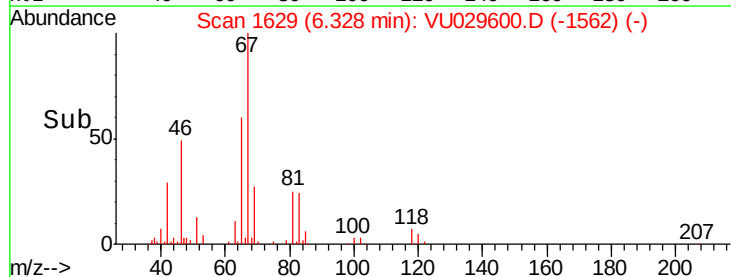
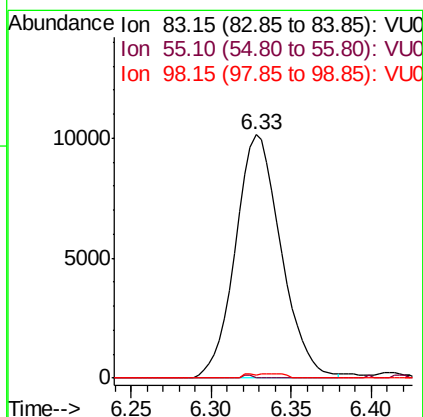
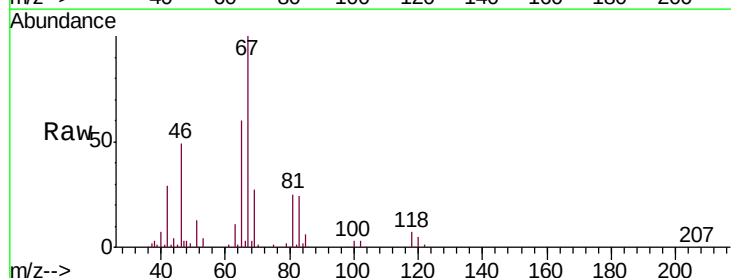
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

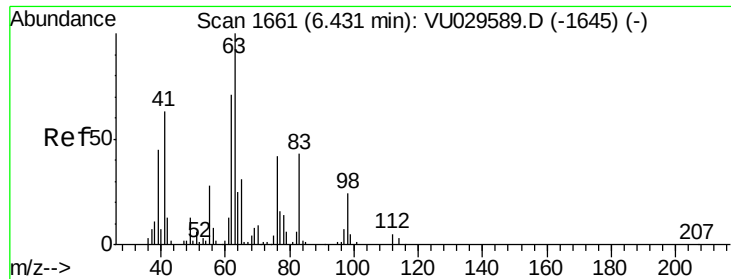
Tgt Ion: 83 Resp: 13058
Ion Ratio Lower Upper
83 100
85 56.7 45.6 84.6



#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029600.D
Acq: 21 Feb 2019 16:11

Tgt Ion: 83 Resp: 19717
Ion Ratio Lower Upper
83 100
55 0.2 56.5 84.7#
98 0.5 39.4 59.2#

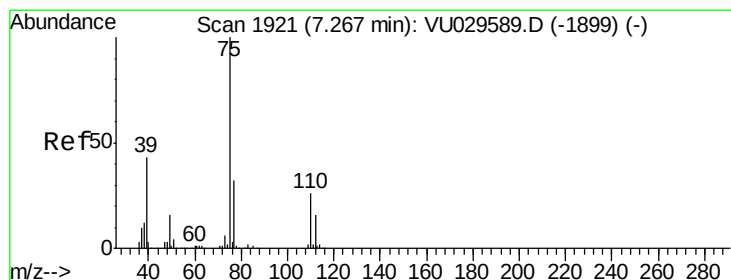
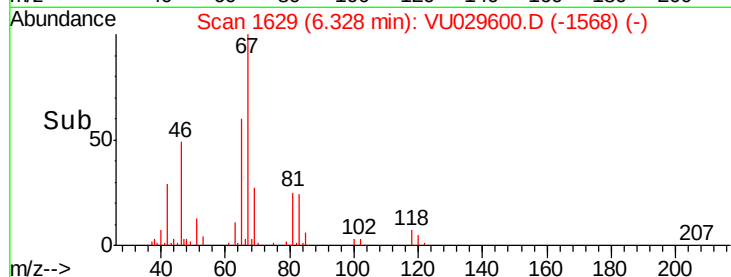
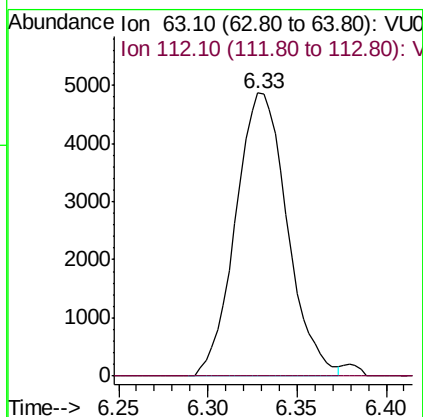
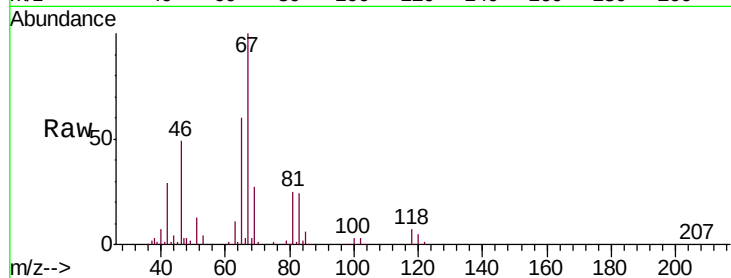




#37
 1,2-Dichloropropane
 Concen: 0.626 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029600.D
 Acq: 21 Feb 2019 16:11

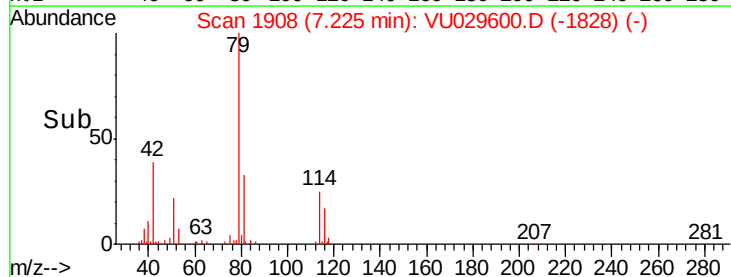
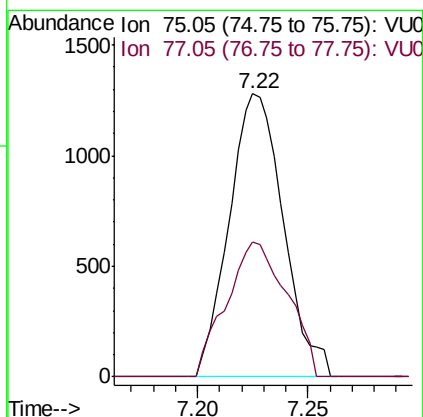
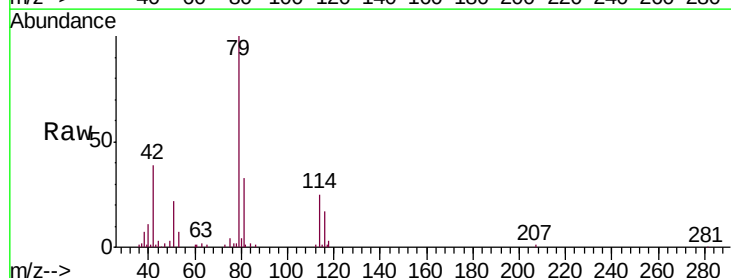
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

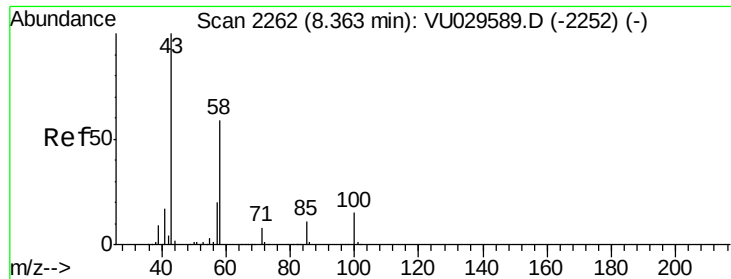
Tgt Ion: 63 Resp: 9811
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029600.D
 Acq: 21 Feb 2019 16:11

Tgt Ion: 75 Resp: 2180
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.3 41.5#

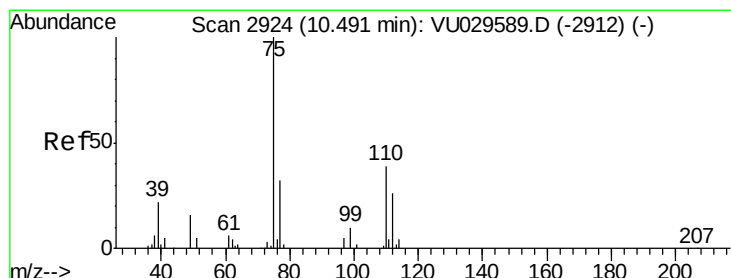
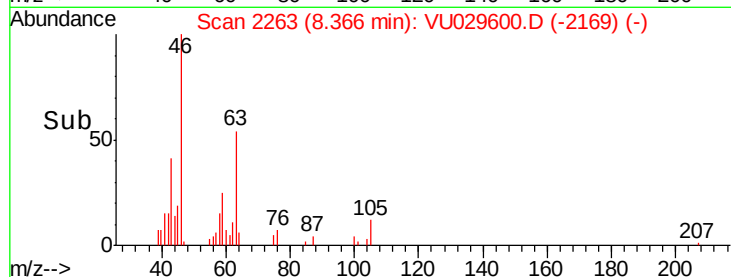
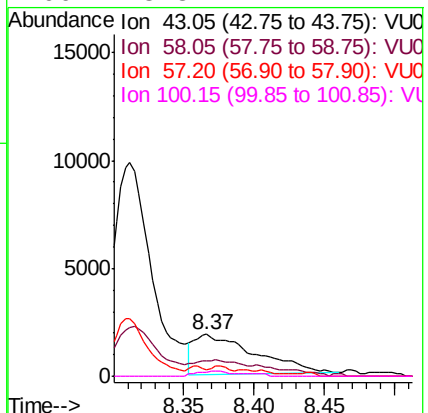
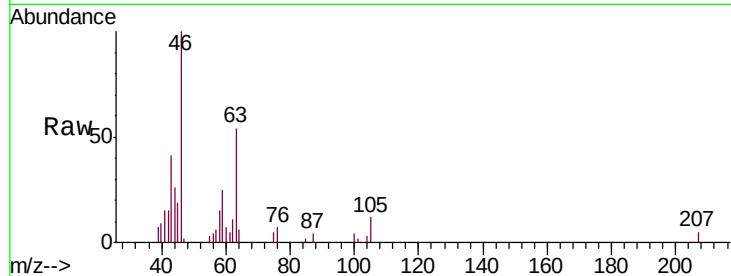




#48
 2-Hexanone
 Concen: 0.856 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029600.D
 Acq: 21 Feb 2019 16:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 5514
 Ion Ratio Lower Upper
 43 100
 58 47.6 46.6 69.8
 57 2.8 15.9 23.9#
 100 8.3 11.4 17.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.166 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029600.D
 Acq: 21 Feb 2019 16:11

Tgt Ion: 75 Resp: 12197
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.6 38.4

