

Data File : VU029292.D
Acq On : 25 Jan 2019 16:00
Operator : JC/SP
Sample : K1246-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jan 28 02:25:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	60365	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	62724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	28650	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27774	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.68	69	21585	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	37101	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.20	46	63204	53.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	4.65	84	47236	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.31	65	27267	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.34	84	88160	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	27819	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.56	98	75963	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.85	79	11402	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.31	63	56090	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23745	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	31050	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

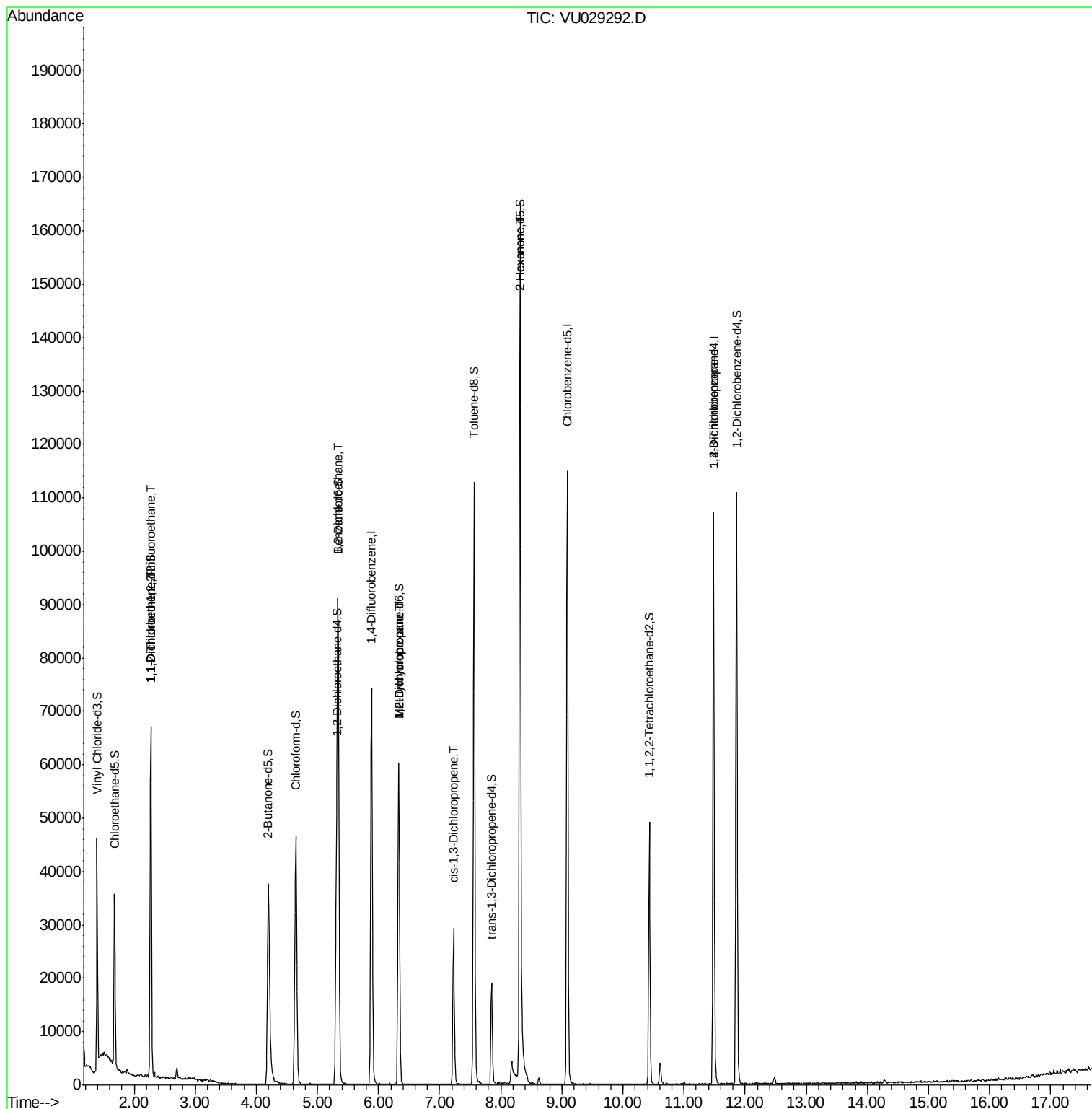
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	288	0.058	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	379	0.083	ug/L #	1
27) 1,2-Dichloroethane	5.34	62	382	0.060	ug/L #	77
35) Methylcyclohexane	6.33	83	6653	0.803	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3139	0.608	ug/L #	85
39) cis-1,3-Dichloropropene	7.23	75	699	0.094	ug/L #	58
48) 2-Hexanone	8.31	43	6722	2.960	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	3656	1.028	ug/L	99

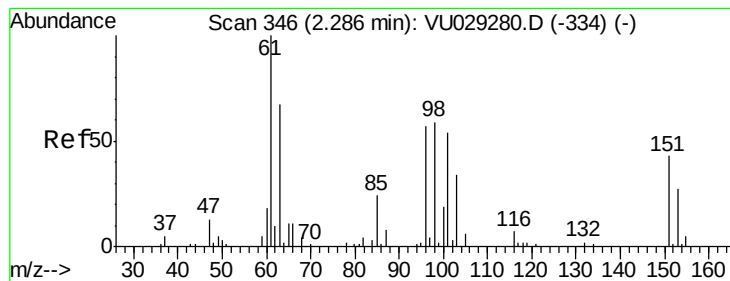
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.058 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VHBLK01

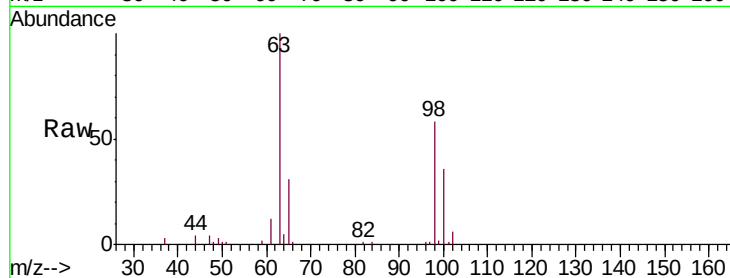
Tgt Ion: 101 Resp: 288

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.2#

151 0.0 64.5 96.7#



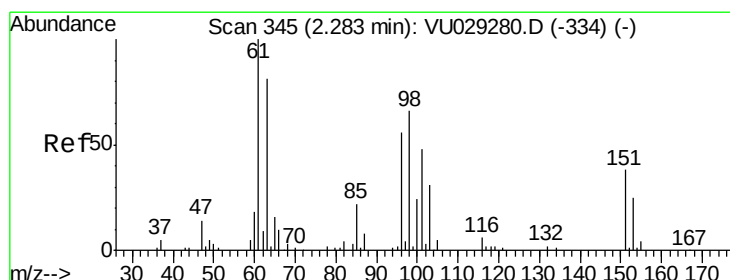
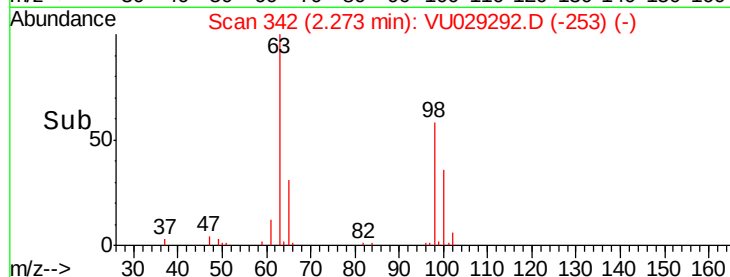
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

2.24 2.26 2.28 2.30



#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029292.D

Acq: 25 Jan 2019 16:00

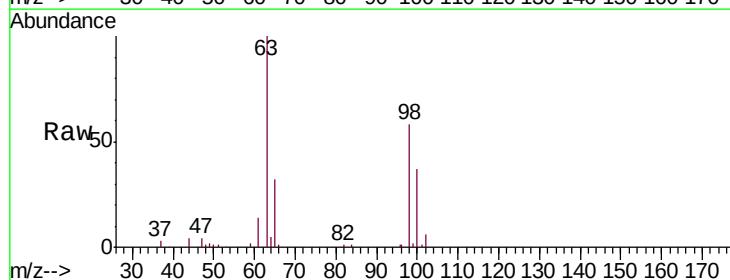
Tgt Ion: 96 Resp: 379

Ion Ratio Lower Upper

96 100

61 885.7 125.4 233.0#

63 6521.5 105.8 196.4#



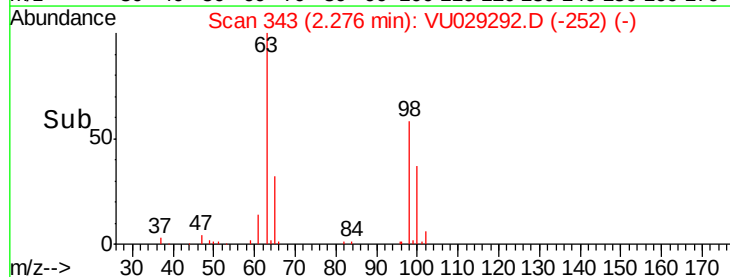
Abundance Ion 96.00 (95.70 to 96.70): VU0

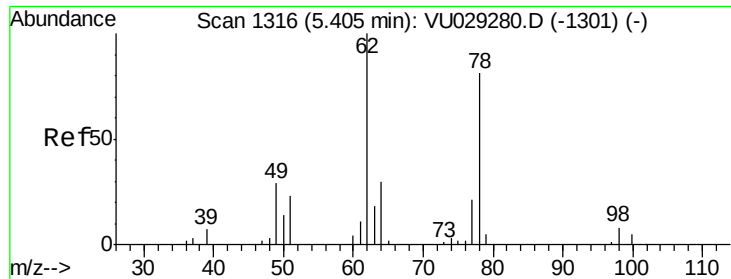
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

2.28

2.24 2.26 2.28 2.30

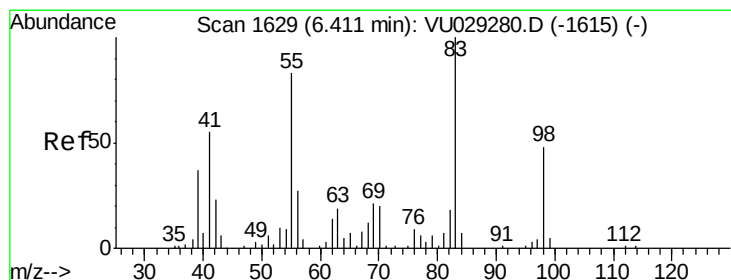
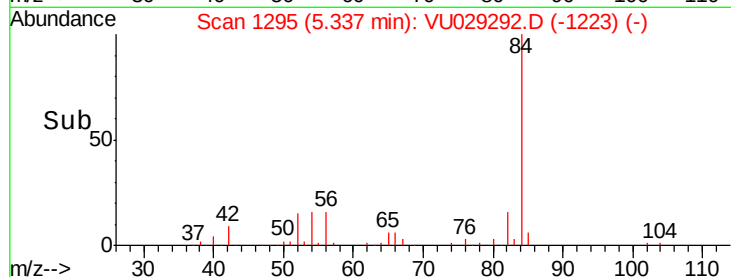
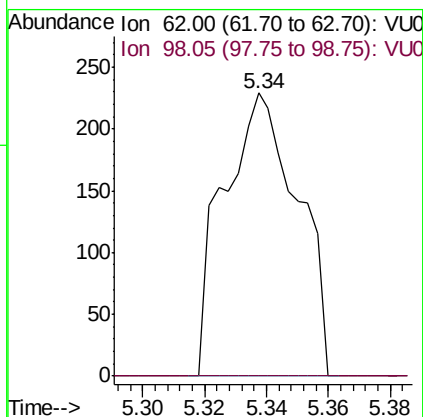
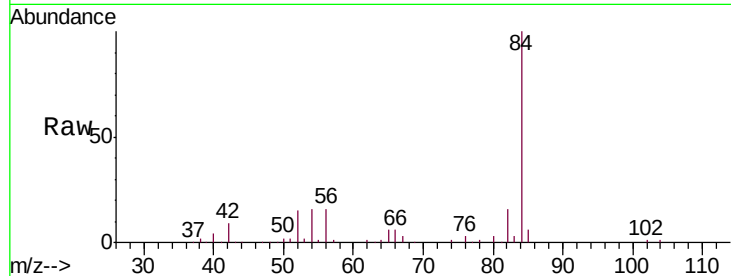




#27
 1,2-Dichloroethane
 Concen: 0.060 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.07 min
 Lab File: VU029292.D
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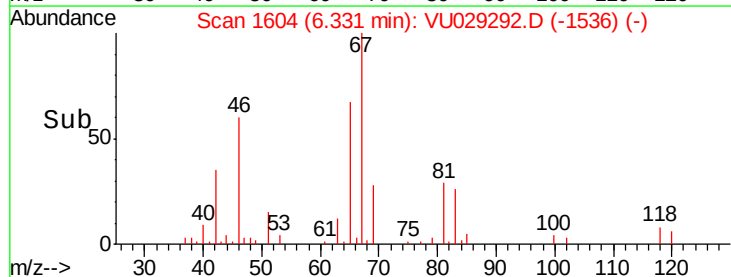
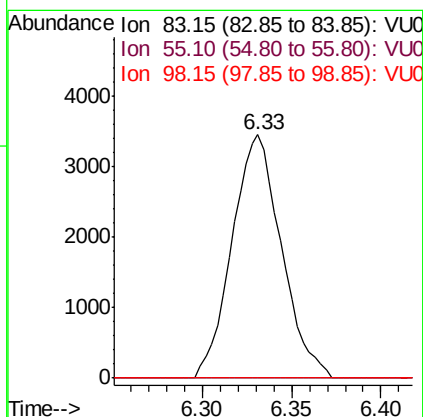
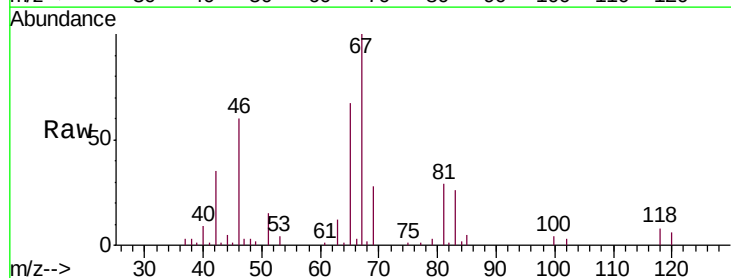
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

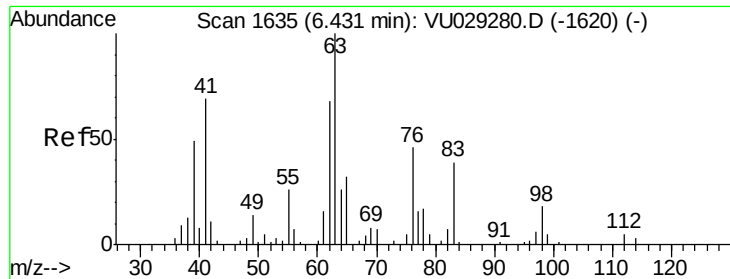
Tgt Ion: 62 Resp: 382
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.803 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU029292.D
 Acq: 25 Jan 2019 16:00

Tgt Ion: 83 Resp: 6653
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.3 99.5#
 98 0.0 37.9 56.9#

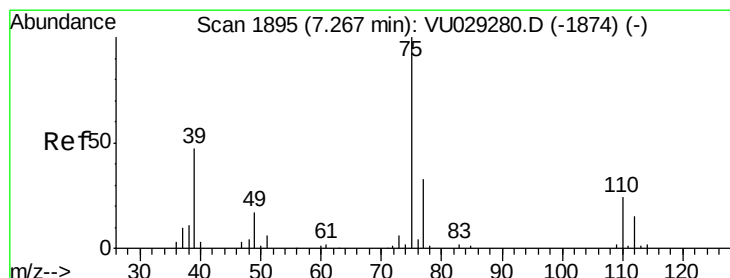
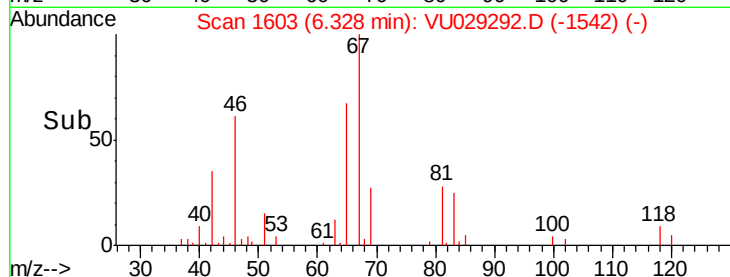
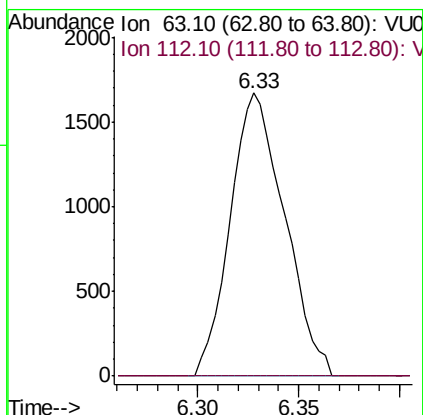
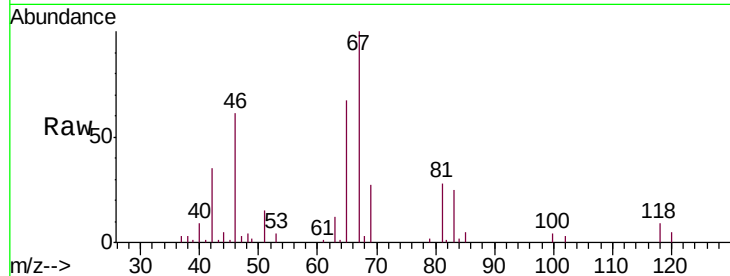




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU029292.D
 Acq: 25 Jan 2019 16:00

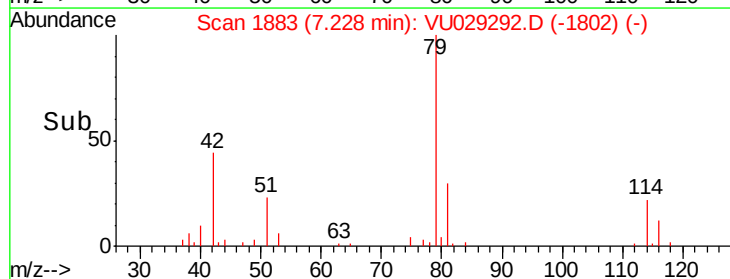
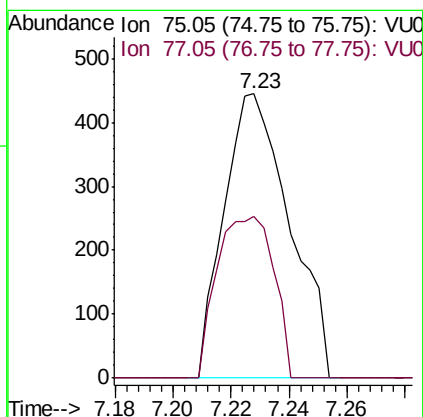
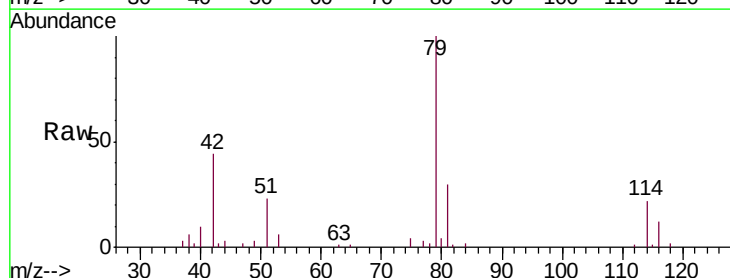
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

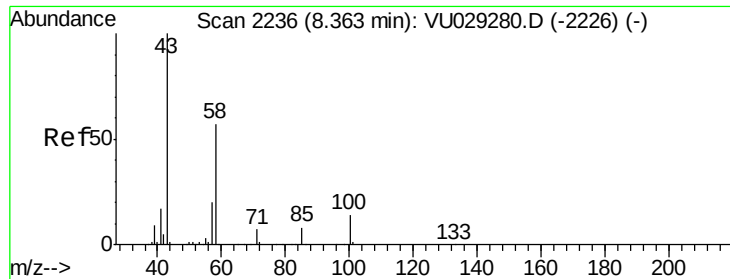
Tgt Ion: 63 Resp: 3139
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU029292.D
 Acq: 25 Jan 2019 16:00

Tgt Ion: 75 Resp: 699
 Ion Ratio Lower Upper
 75 100
 77 57.0 23.2 43.0#

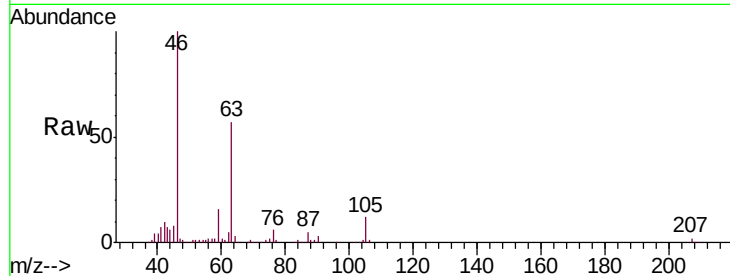




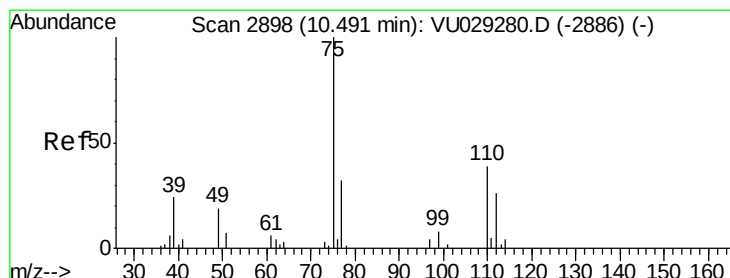
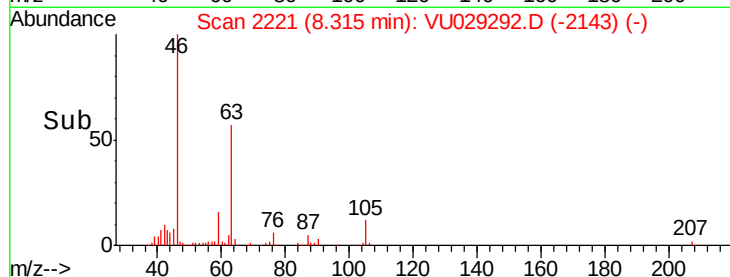
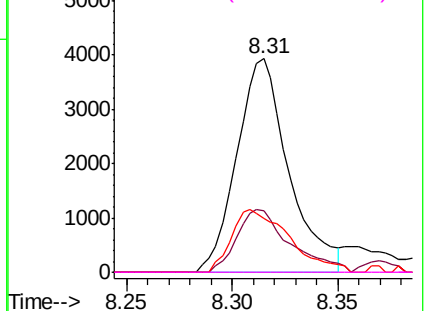
#48
 2-Hexanone
 Concen: 2.960 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU029292.D
 Acq: 25 Jan 2019 16:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 6722
 Ion Ratio Lower Upper
 43 100
 58 30.3 44.2 66.2#
 57 32.6 15.4 23.2#
 100 0.0 10.0 15.0#

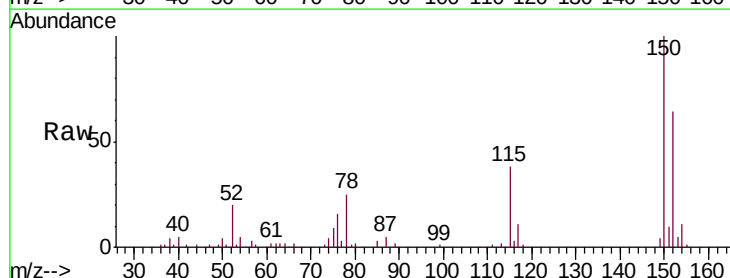


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.028 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029292.D
 Acq: 25 Jan 2019 16:00

Tgt Ion: 75 Resp: 3656
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

