

Data File : VU029288.D
Acq On : 25 Jan 2019 14:25
Operator : JC/SP
Sample : K1222-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jan 28 02:24:49 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	66637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	68951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	32165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28591	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.68	69	21943	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.27	63	39129	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.19	46	63774	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	4.65	84	48163	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	27334	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.34	84	89030	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.33	67	28909	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.56	98	79499	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	12007	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.31	63	56068	46.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23296	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	31705	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

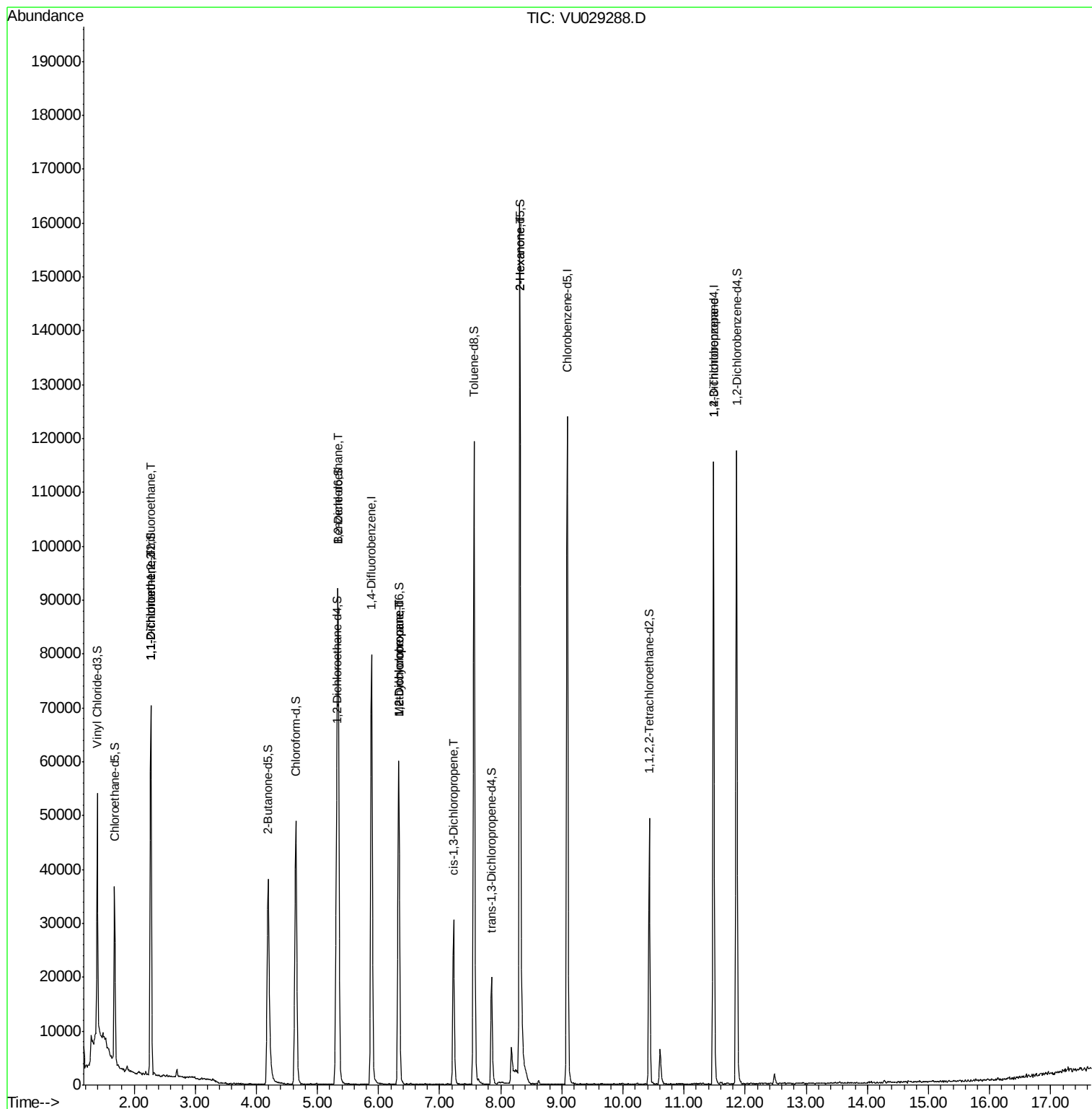
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	346	0.063	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	291	0.058	ug/L #	1
27) 1,2-Dichloroethane	5.33	62	542	0.077	ug/L #	77
35) Methylcyclohexane	6.33	83	6949	0.763	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3320	0.585	ug/L #	85
39) cis-1,3-Dichloropropene	7.23	75	797	0.098	ug/L	88
48) 2-Hexanone	8.31	43	6819	2.732	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	3928	1.005	ug/L	97

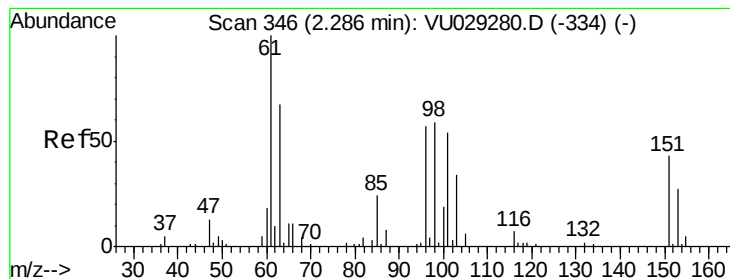
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.063 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029288.D

Acq: 25 Jan 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

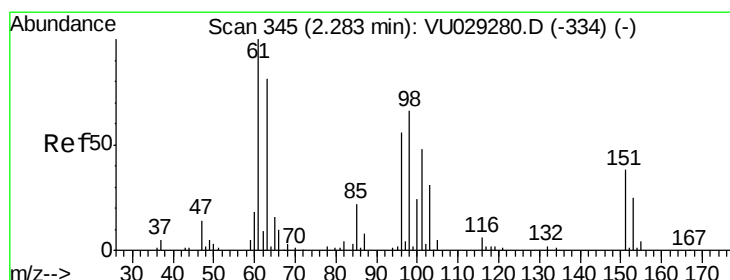
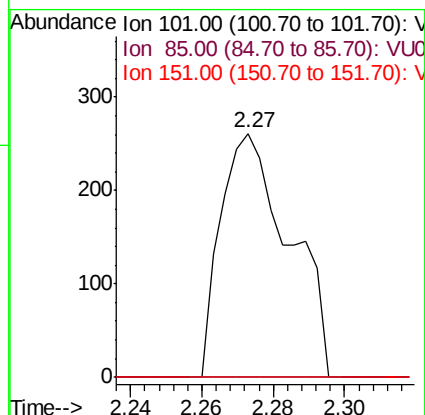
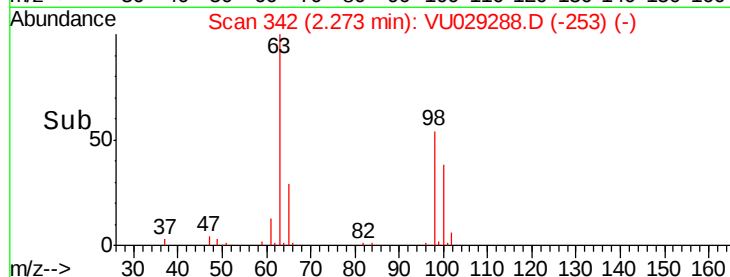
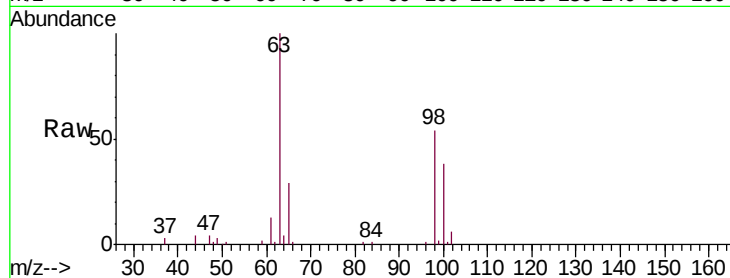
Tgt Ion: 101 Resp: 346

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.2#

151 0.0 64.5 96.7#



#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029288.D

Acq: 25 Jan 2019 14:25

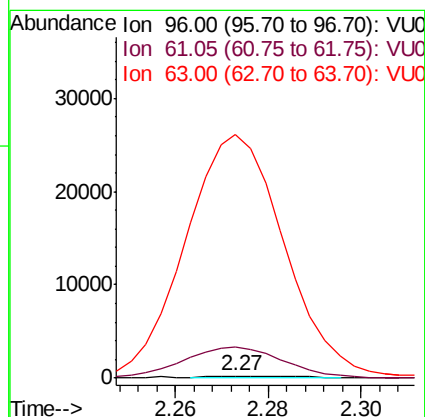
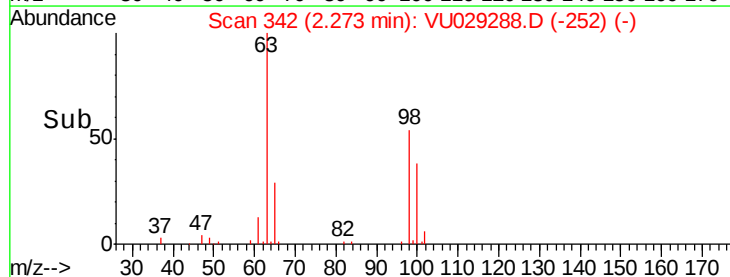
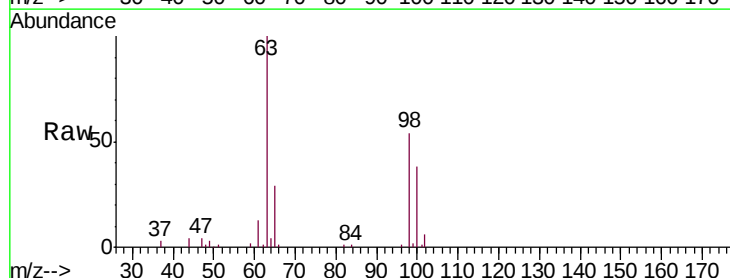
Tgt Ion: 96 Resp: 291

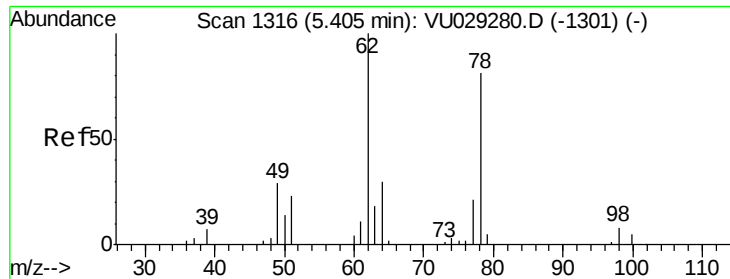
Ion Ratio Lower Upper

96 100

61 1324.8 125.4 233.0#

63 10444.8 105.8 196.4#

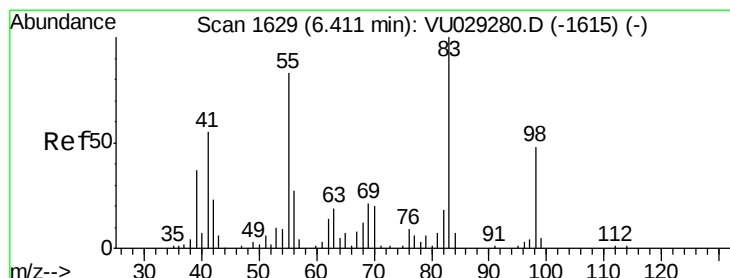
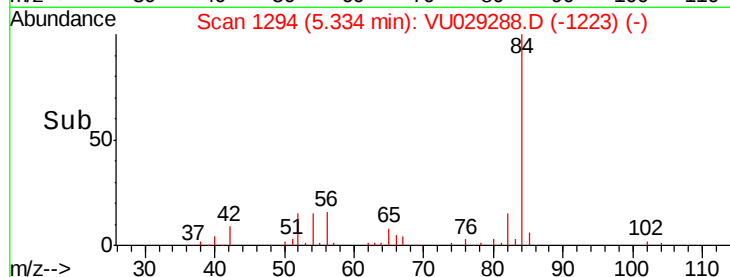
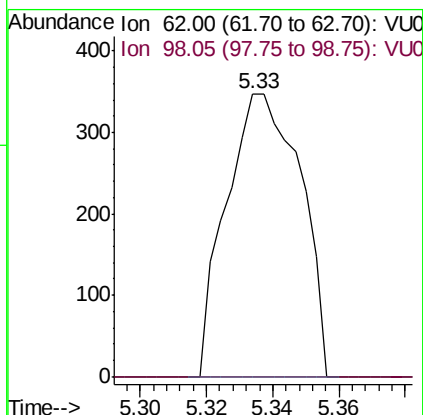
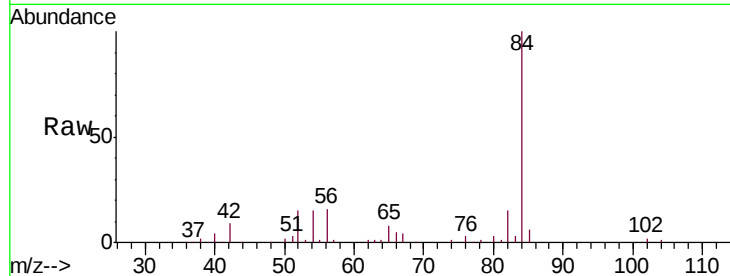




#27
 1,2-Dichloroethane
 Concen: 0.077 ug/L
 RT: 5.33 min Scan# 1294
 Delta R.T. -0.07 min
 Lab File: VU029288.D
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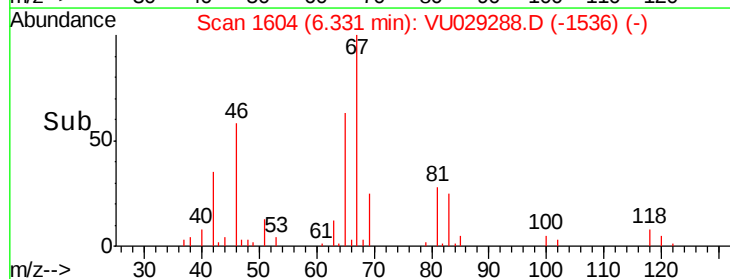
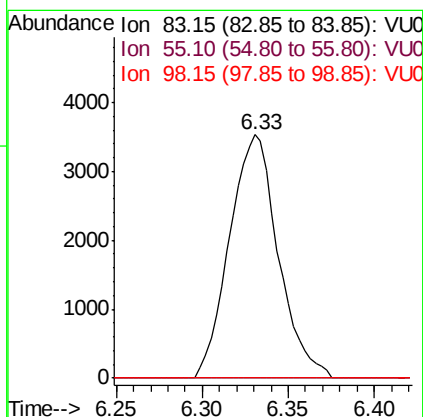
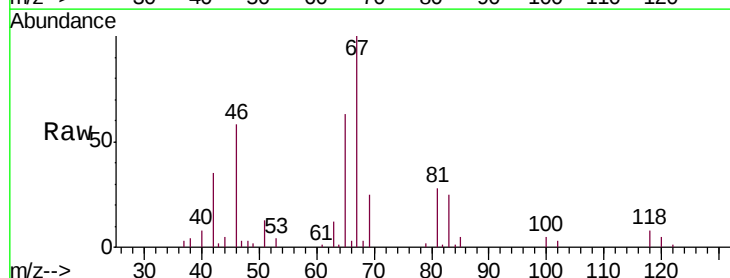
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 VHBLK01

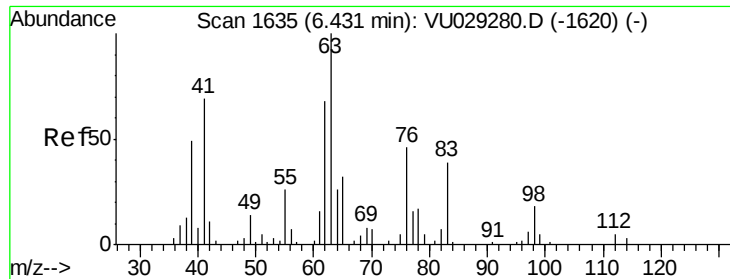
Tgt Ion: 62 Resp: 542
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.763 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU029288.D
 Acq: 25 Jan 2019 14:25

Tgt Ion: 83 Resp: 6949
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.3 99.5#
 98 0.0 37.9 56.9#

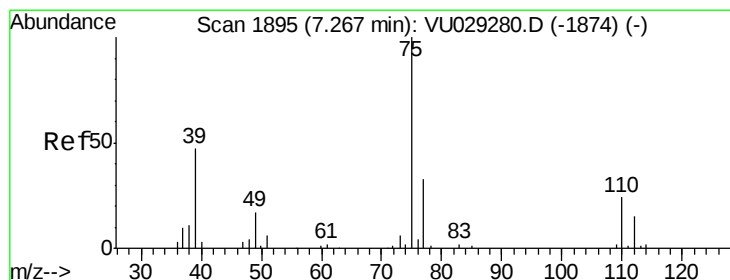
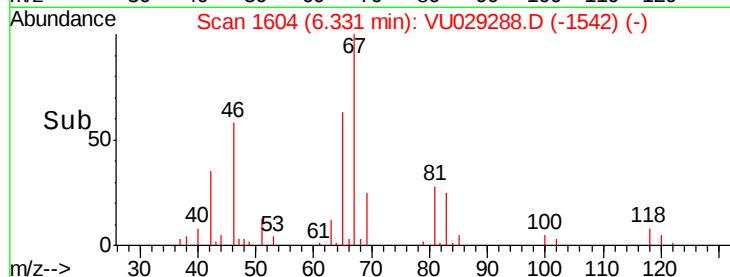
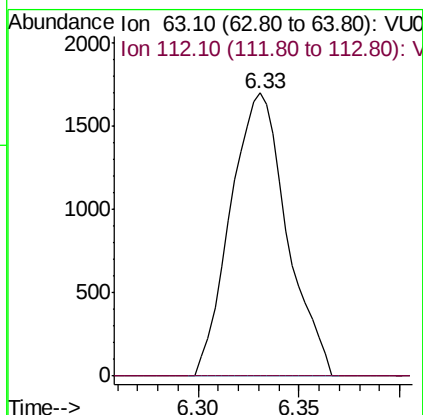
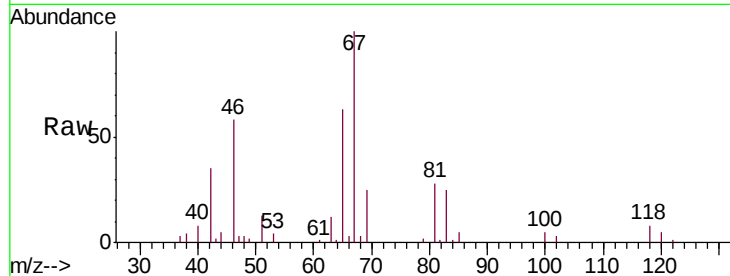




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU029288.D
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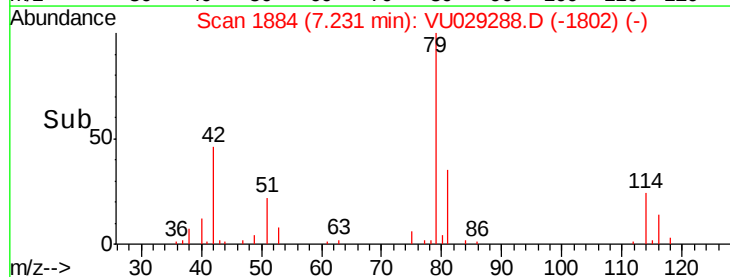
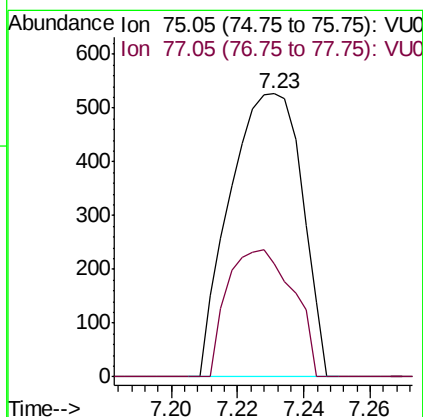
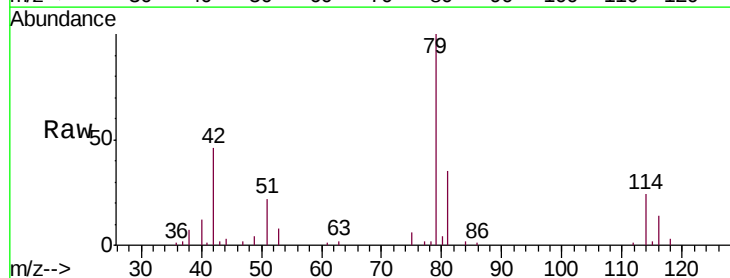
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

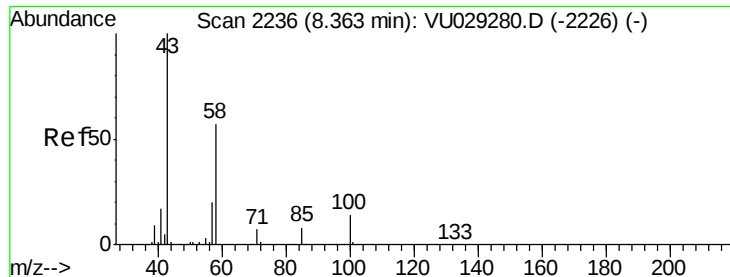
Tgt Ion: 63 Resp: 3320
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU029288.D
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Tgt Ion: 75 Resp: 797
 Ion Ratio Lower Upper
 75 100
 77 40.0 23.2 43.0

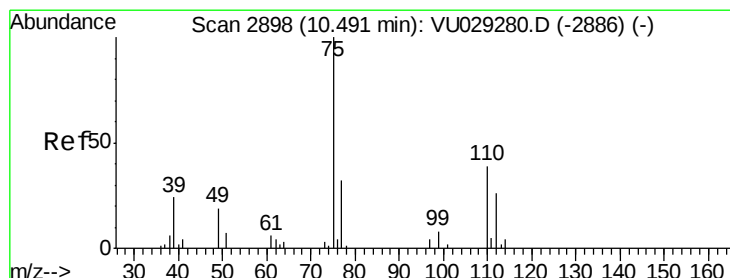
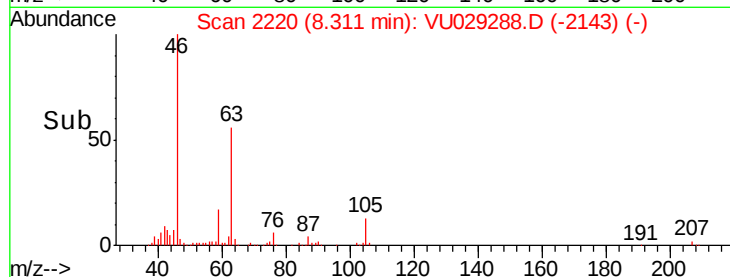
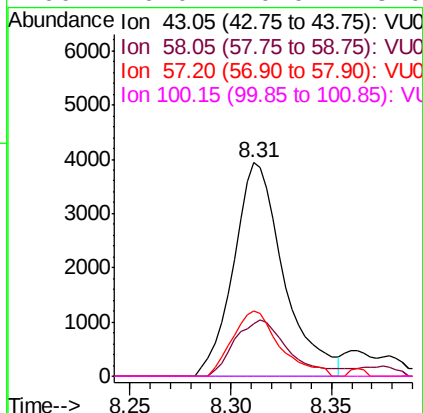
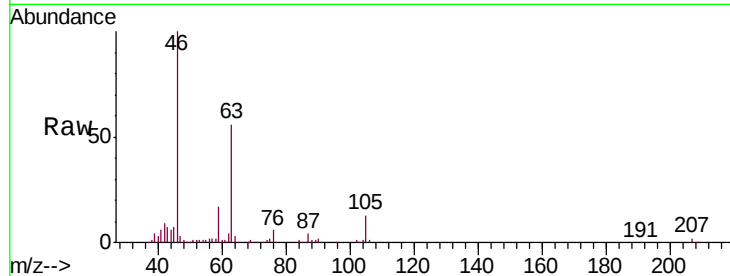




#48
 2-Hexanone
 Concen: 2.732 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU029288.D
 Acq: 25 Jan 2019 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 6819
 Ion Ratio Lower Upper
 43 100
 58 29.2 44.2 66.2#
 57 29.0 15.4 23.2#
 100 0.0 10.0 15.0#



#59
 1,2,3-Trichloropropane
 Concen: 1.005 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029288.D
 Acq: 25 Jan 2019 14:25

Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.2 39.4

