

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010419\
 Data File : VU029019.D
 Acq On : 04 Jan 2019 11:39
 Operator : MD/SY
 Sample : K1045-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jan 04 22:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 04 22:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28024	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.68	69	23219	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.27	63	38444	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.21	46	72895	56.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.65	84	49879	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.31	65	25387	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.34	84	106027	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.33	67	36244	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.56	98	93733	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	12957	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.31	63	63863	57.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26806	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	33736	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

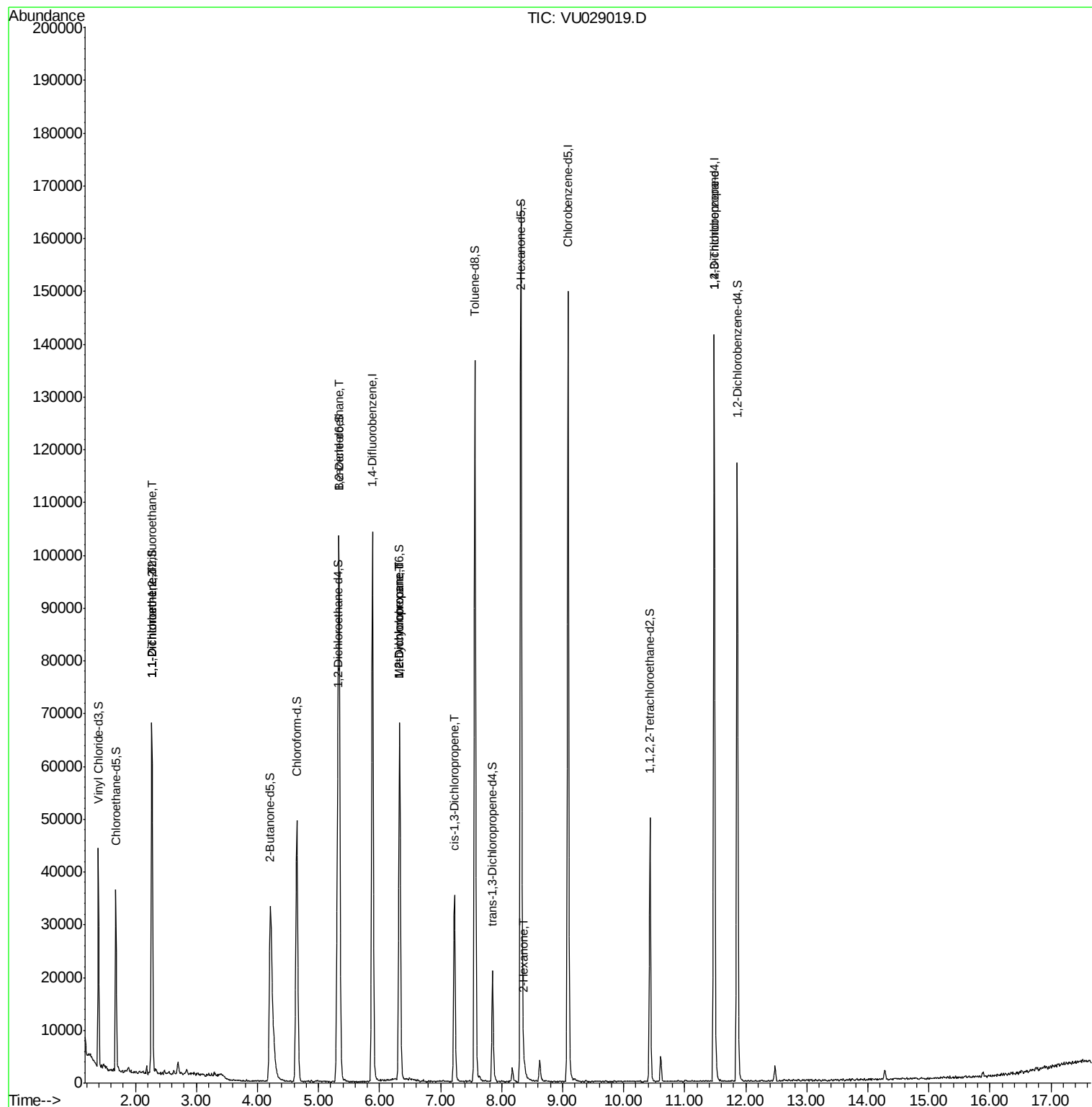
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	308	0.045 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	407	0.062 ug/L #	1
27) 1,2-Dichloroethane	5.33	62	453	0.066 ug/L #	73
35) Methylcyclohexane	6.33	83	7486	0.613 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3353	0.474 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	657	0.065 ug/L #	77
48) 2-Hexanone	8.37	43	900	0.345 ug/L #	51
59) 1,2,3-Trichloropropane	11.48	75	4405	1.067 ug/L	94

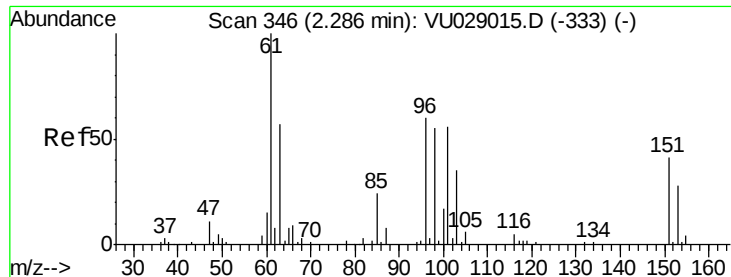
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.045 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU029019.D

Acq: 04 Jan 2019 11:39

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

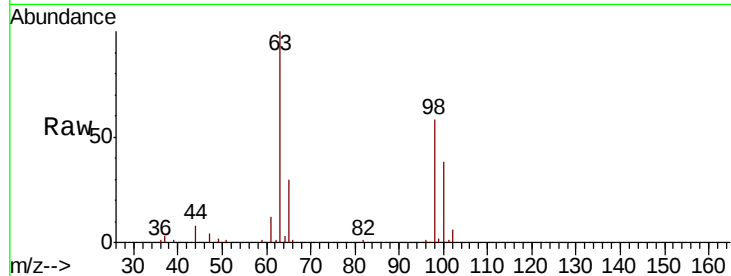
Tgt Ion: 101 Resp: 308

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

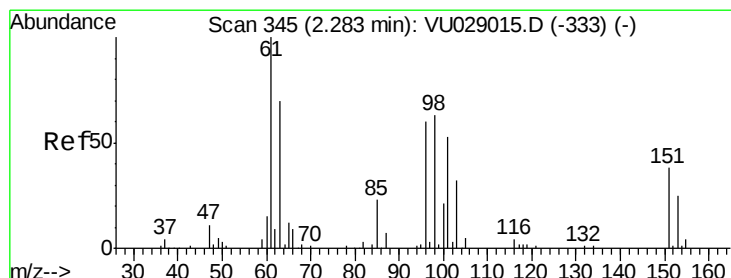
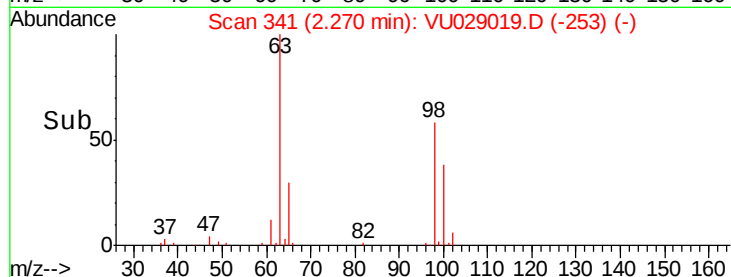
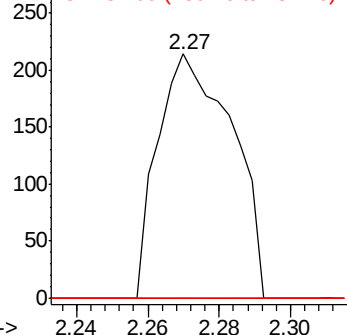
151 0.0 60.9 91.3#



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



#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.26 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU029019.D

Acq: 04 Jan 2019 11:39

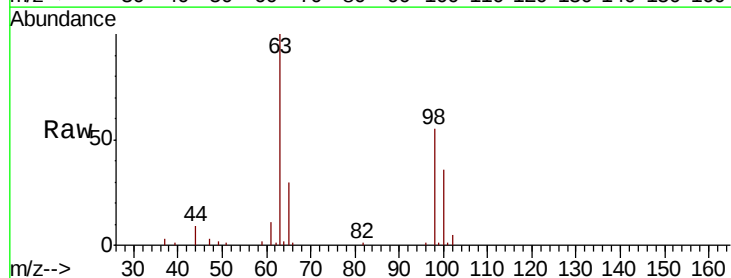
Tgt Ion: 96 Resp: 407

Ion Ratio Lower Upper

96 100

61 957.0 110.5 205.3#

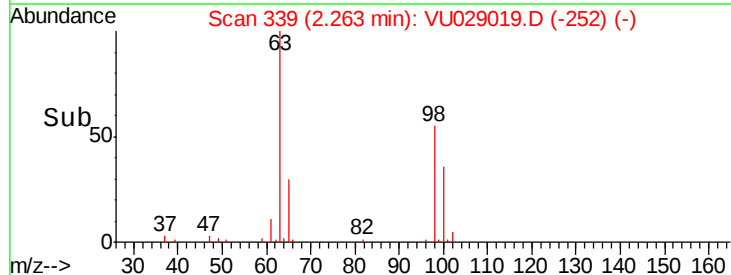
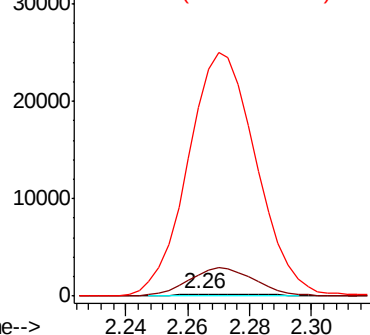
63 8501.8 67.6 125.6#

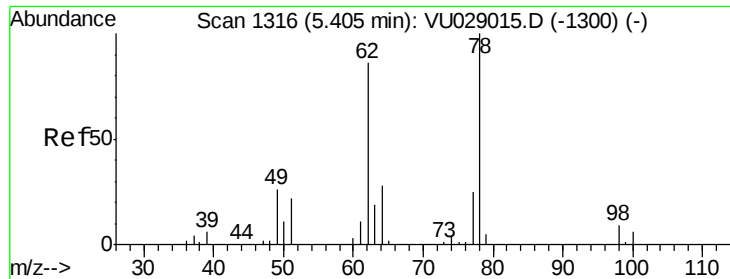


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

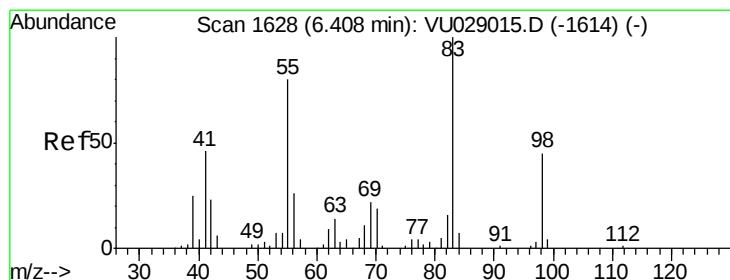
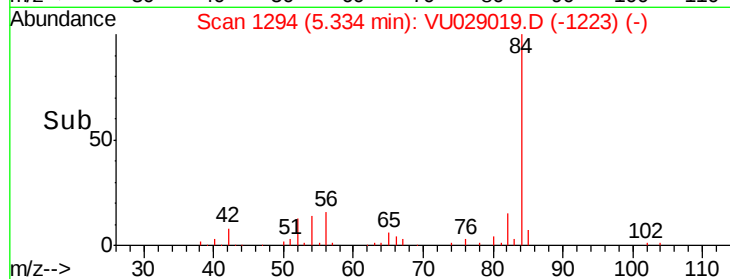
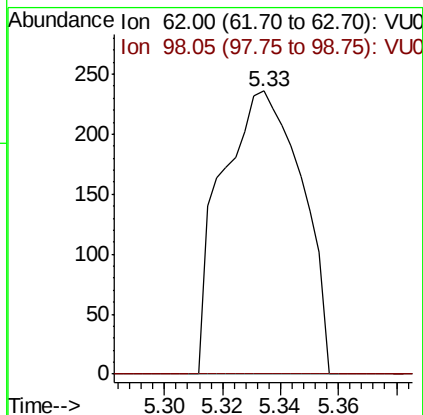
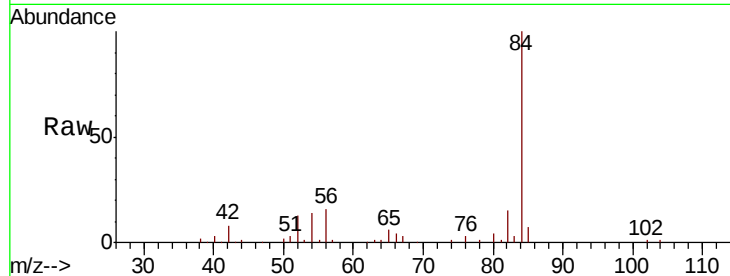




#27
 1,2-Dichloroethane
 Concen: 0.066 ug/L
 RT: 5.33 min Scan# 1294
 Delta R.T. -0.07 min
 Lab File: VU029019.D
 Acq: 04 Jan 2019 11:39

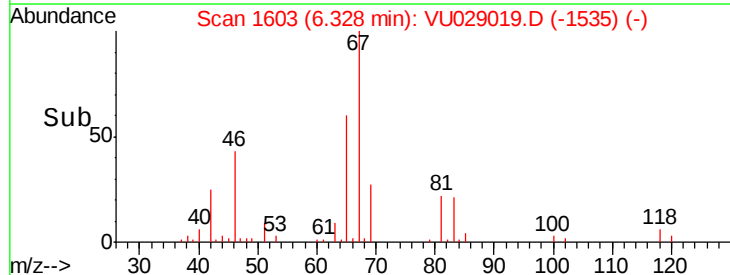
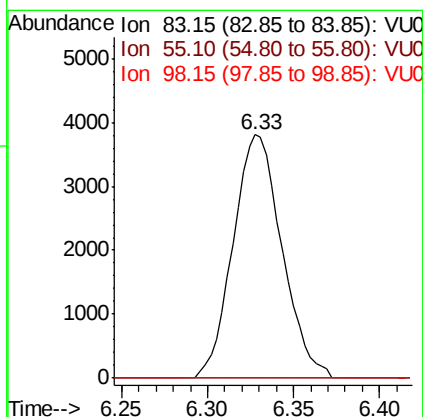
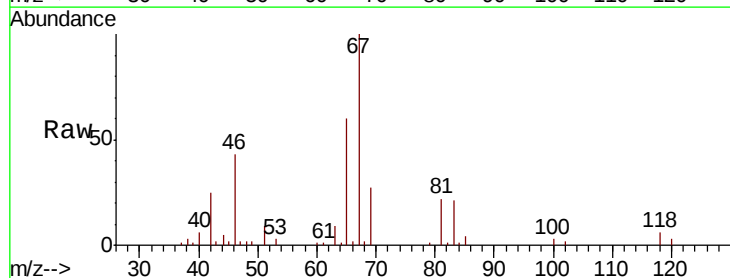
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

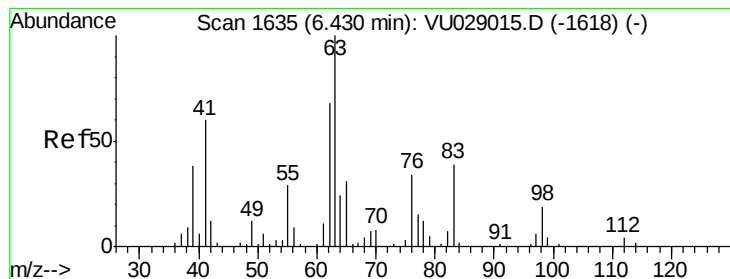
Tgt Ion: 62 Resp: 453
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.613 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.08 min
 Lab File: VU029019.D
 Acq: 04 Jan 2019 11:39

Tgt Ion: 83 Resp: 7486
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.8 89.6#
 98 0.0 37.0 55.6#





#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU029019.D

Acq: 04 Jan 2019 11:39

Instrument :

MSVOA_U

ClientSampleId :

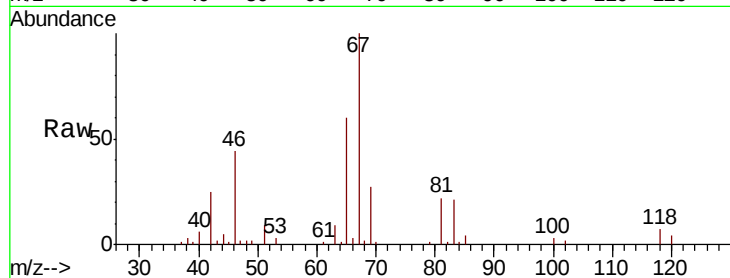
VHBLK01

Tgt Ion: 63 Resp: 3353

Ion Ratio Lower Upper

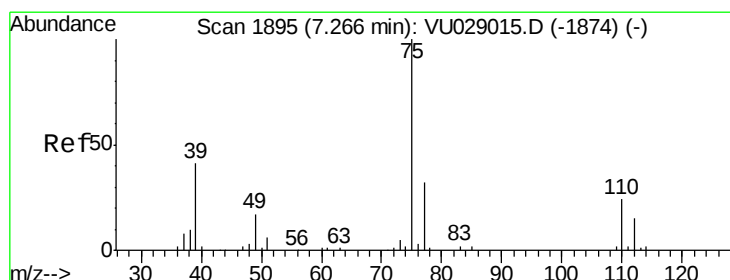
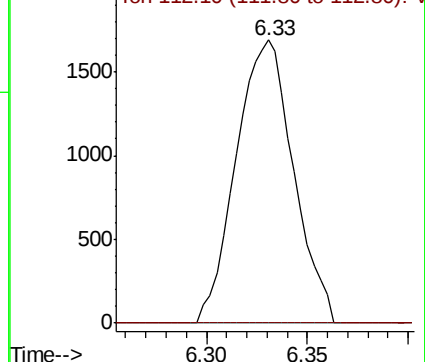
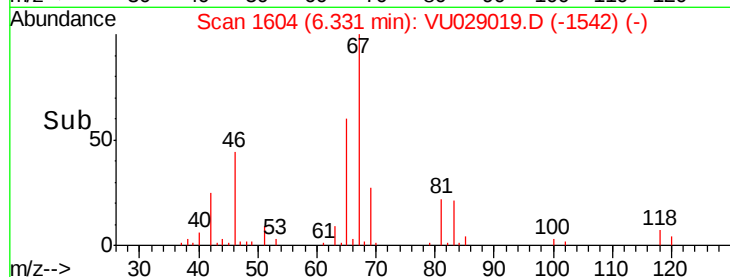
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU029019.D (-1542) (-)

Ion 112.10 (111.80 to 112.80): VU029019.D (-1542) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU029019.D

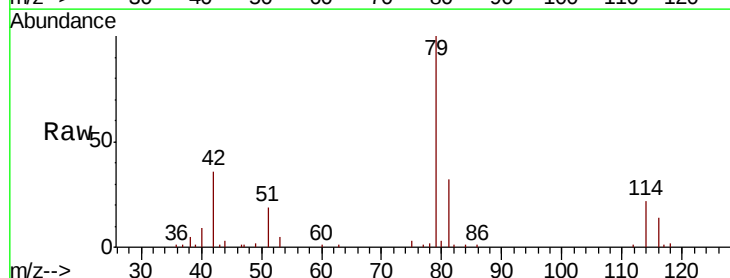
Acq: 04 Jan 2019 11:39

Tgt Ion: 75 Resp: 657

Ion Ratio Lower Upper

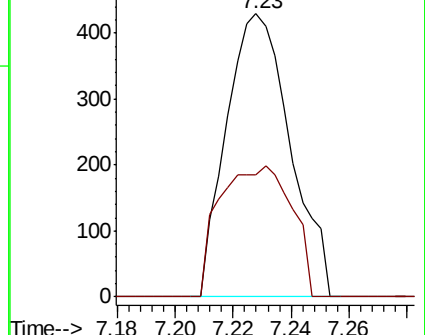
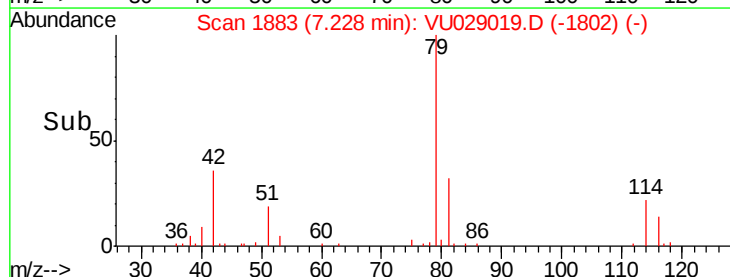
75 100

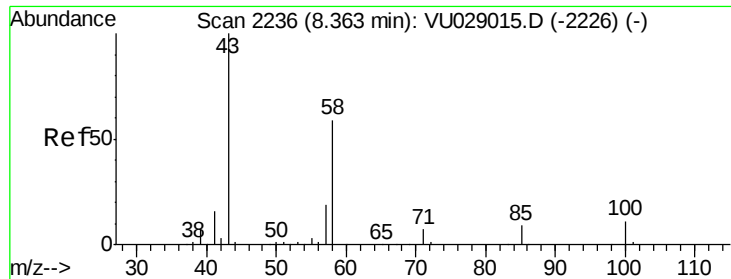
77 43.4 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VU029019.D (-1802) (-)

Ion 77.05 (76.75 to 77.75): VU029019.D (-1802) (-)

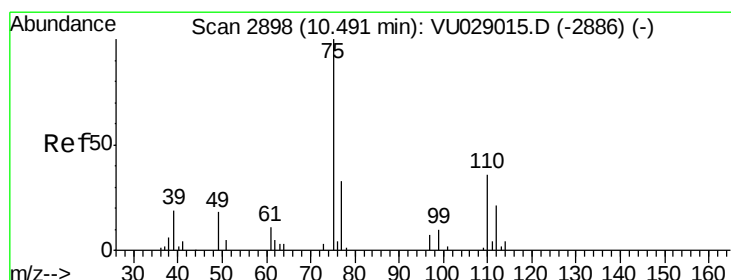
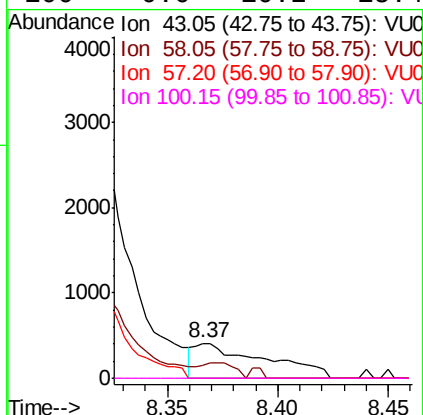
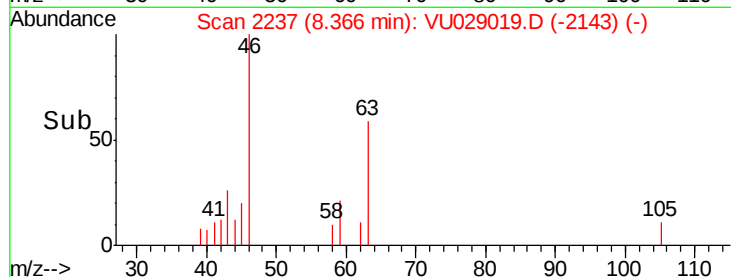
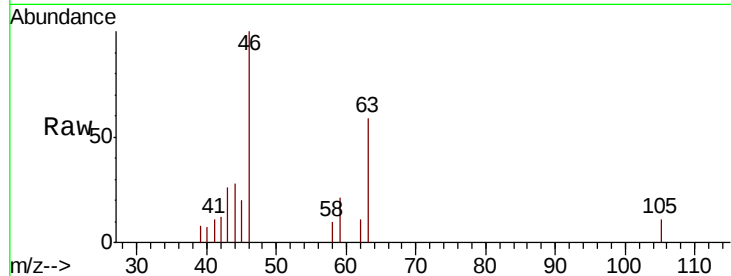




#48
2-Hexanone
Concen: 0.345 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU029019.D
Acq: 04 Jan 2019 11:39

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 20.0 48.8 73.2#
57 0.0 16.0 24.0#
100 0.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 1.067 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU029019.D
Acq: 04 Jan 2019 11:39

Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
77 35.8 26.0 39.0

