

Data File : VU028319.D
Acq On : 21 Nov 2018 15:02
Operator : MD/SY
Sample : J6026-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FN6

Quant Time: Nov 21 22:38:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	167979	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72232	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58476	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	47036	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.27	63	87004	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	183427	43.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.72%
24) Chloroform-d	4.65	84	102498	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.31	65	58335	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.34	84	207805	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	75792	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.56	98	179308	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	27225	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.31	63	129220	40.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52412	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	59156	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

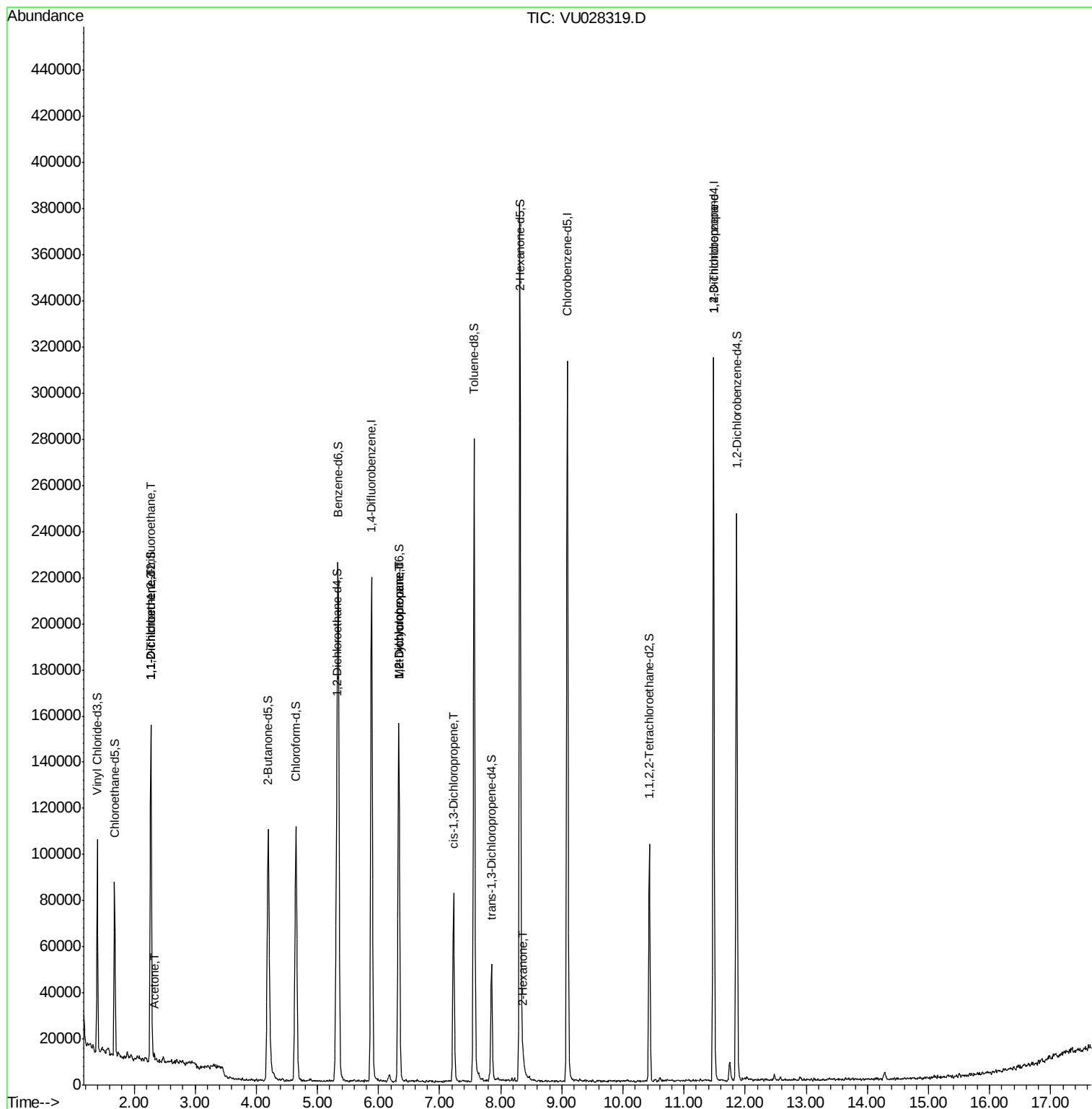
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	787	0.072	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	535	0.052	ug/L #	1
13) Acetone	2.32	43	1744	0.599	ug/L	98
35) Methylcyclohexane	6.33	83	15172	0.755	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8668	0.583	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1944	0.103	ug/L #	75
48) 2-Hexanone	8.37	43	2355	0.311	ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	10714	1.248	ug/L	95

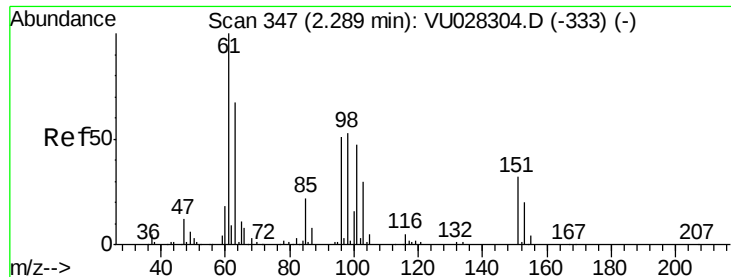
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.072 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028319.D

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Instrument :

MSVOA_U

ClientSampleId :

H0FN6

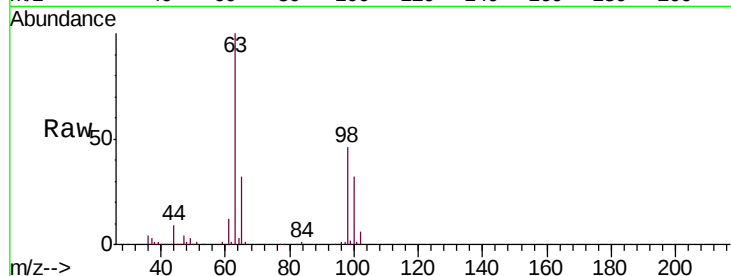
Tgt Ion: 101 Resp: 787

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

151 0.0 55.0 82.4#



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

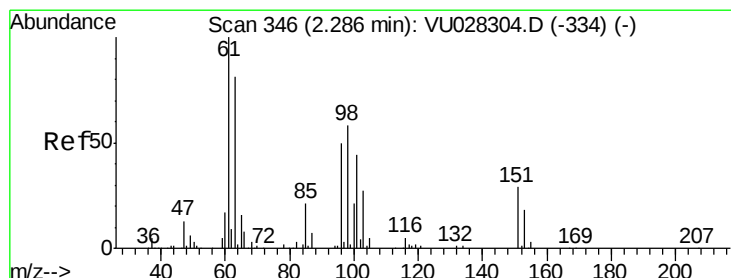
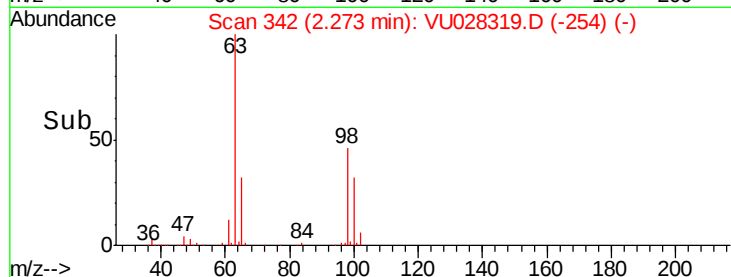
400

200

0

2.25 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.052 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028319.D

Acq: 21 Nov 2018 15:02

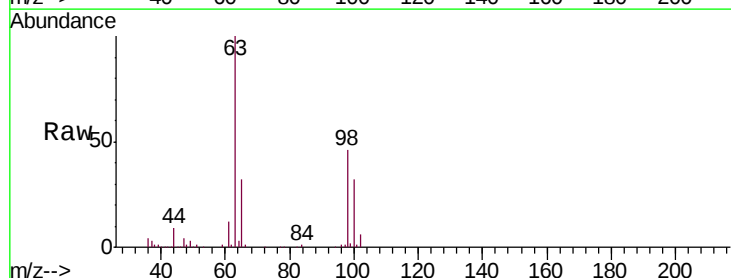
Tgt Ion: 96 Resp: 535

Ion Ratio Lower Upper

96 100

61 1623.3 145.5 270.1#

63 13493.7 98.6 183.2#



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

80000

60000

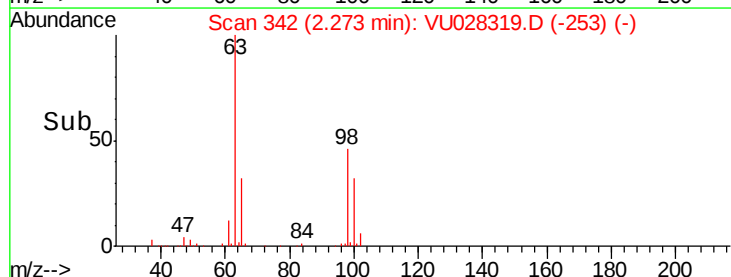
40000

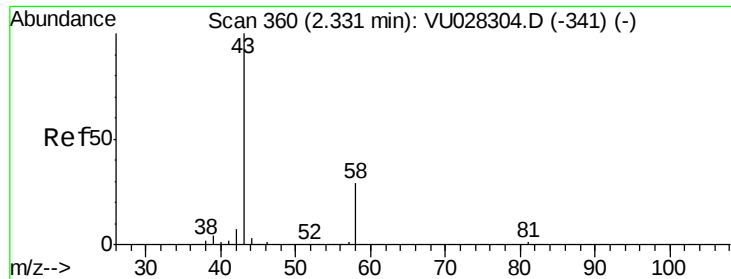
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 0.599 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.01 min

Lab File: VU028319.D

Acq: 21 Nov 2018 15:02

Instrument :

MSVOA_U

ClientSampleId :

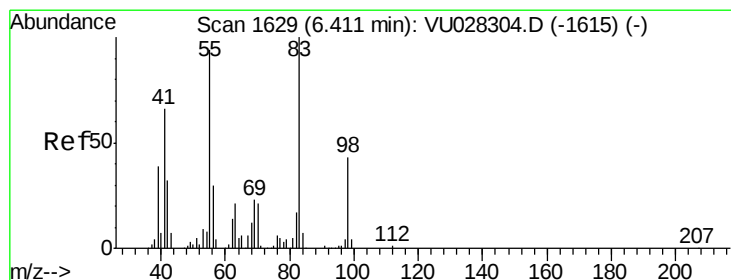
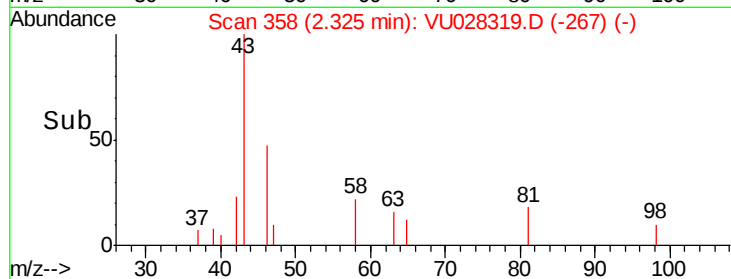
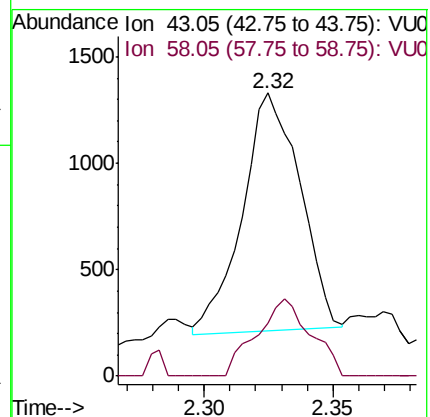
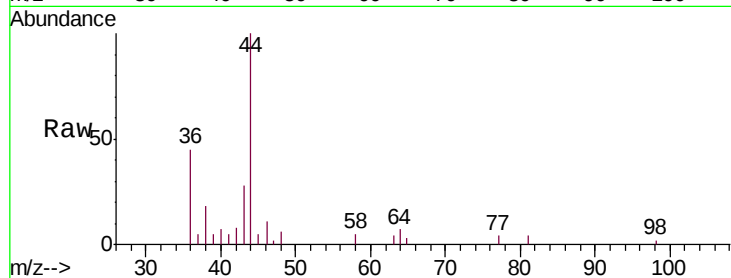
H0FN6

Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

58 30.6 0.0 58.6



#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028319.D

Acq: 21 Nov 2018 15:02

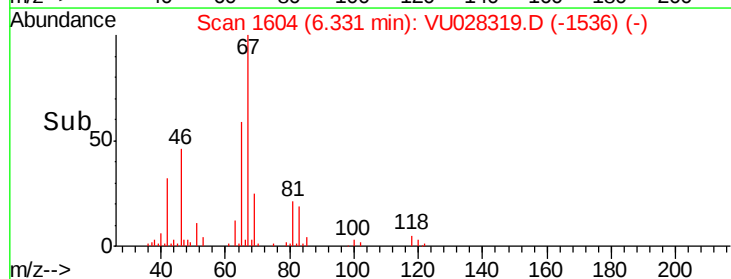
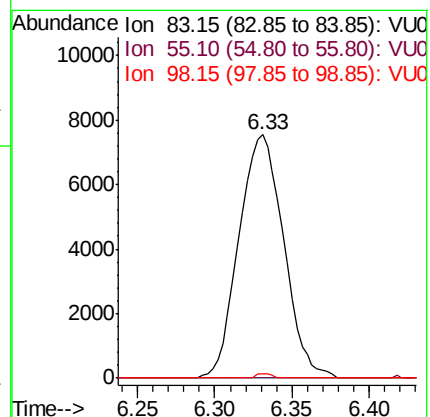
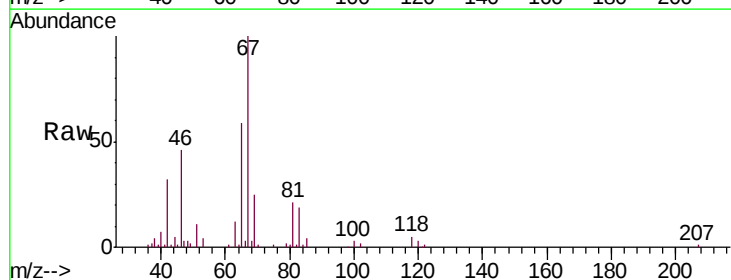
Tgt Ion: 83 Resp: 15172

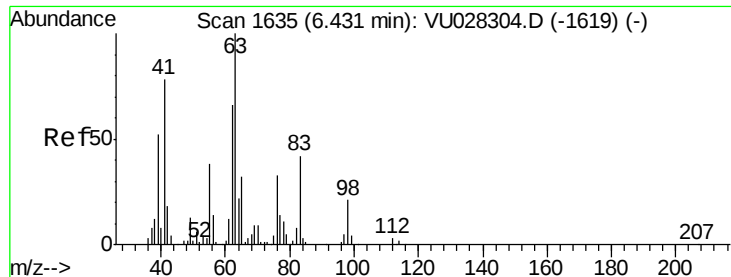
Ion Ratio Lower Upper

83 100

55 0.1 73.2 109.8#

98 0.7 33.4 50.2#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028319.D

Acq: 21 Nov 2018 15:02

Instrument :

MSVOA_U

ClientSampleId :

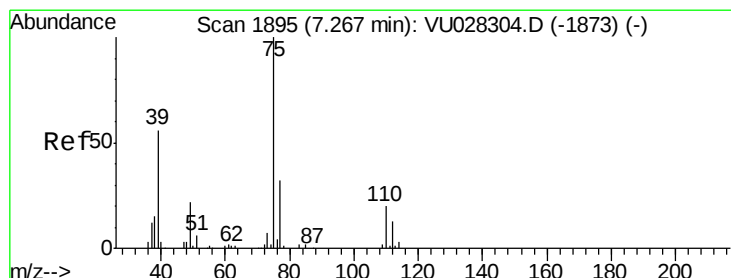
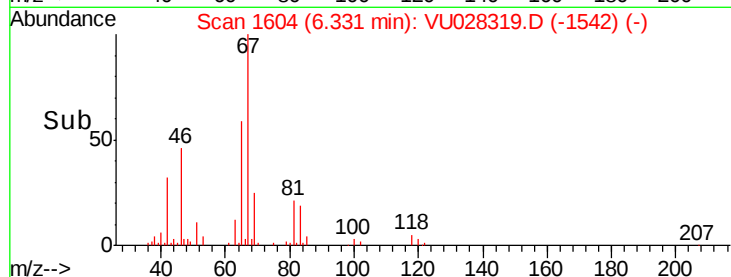
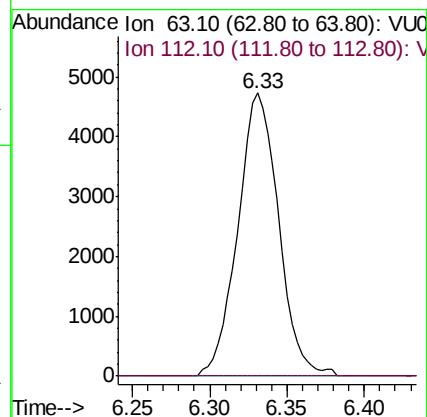
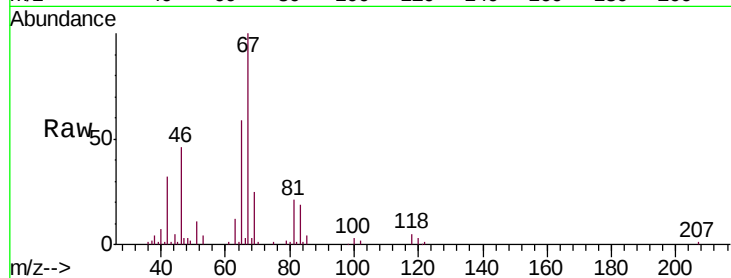
H0FN6

Tgt Ion: 63 Resp: 8668

Ion Ratio Lower Upper

63 100

112 0.0 2.2 3.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU028319.D

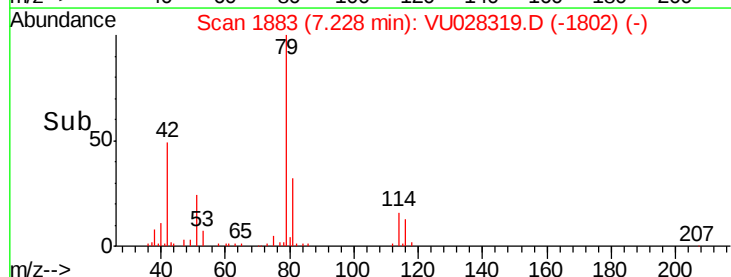
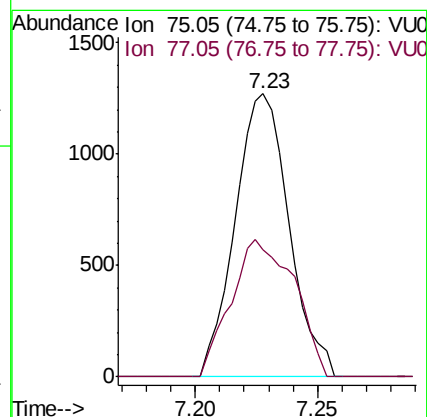
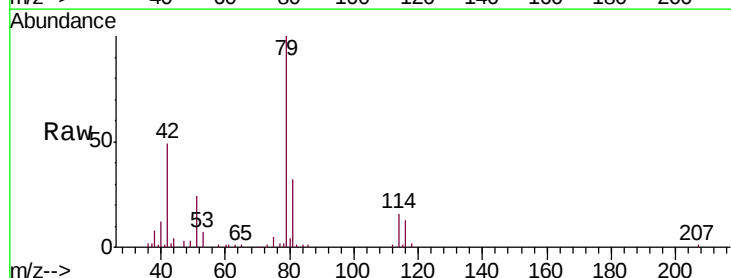
Acq: 21 Nov 2018 15:02

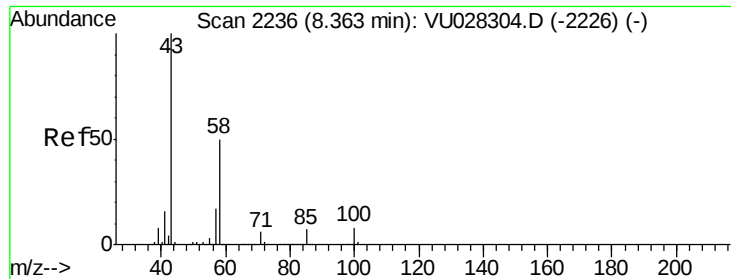
Tgt Ion: 75 Resp: 1944

Ion Ratio Lower Upper

75 100

77 44.8 21.7 40.3#





#48

2-Hexanone

Concen: 0.311 ug/L

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU028319.D

Acq: 21 Nov 2018 15:02

Instrument :

MSVOA_U

ClientSampleId :

H0FN6

Tgt Ion: 43 Resp: 2355

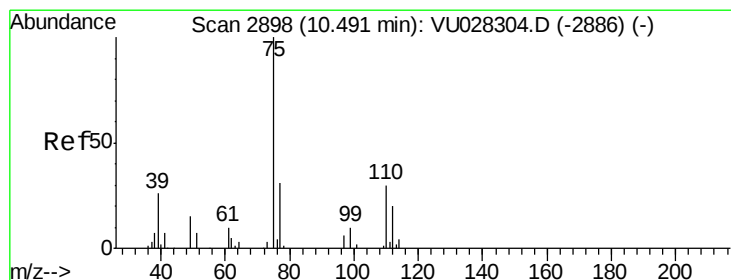
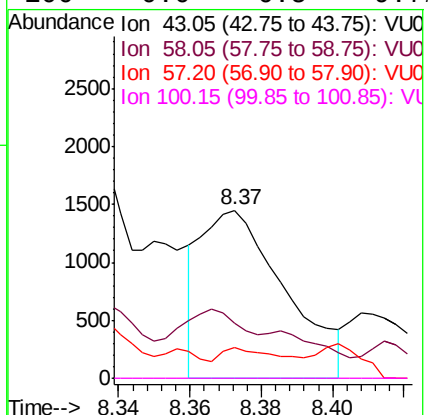
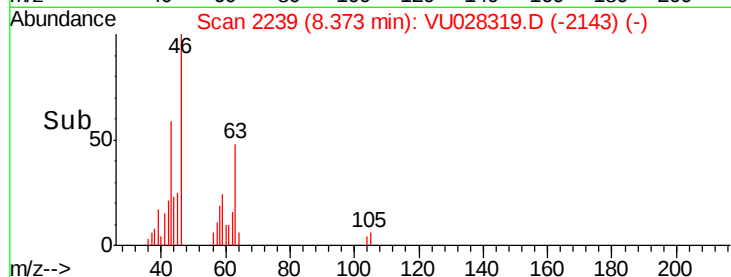
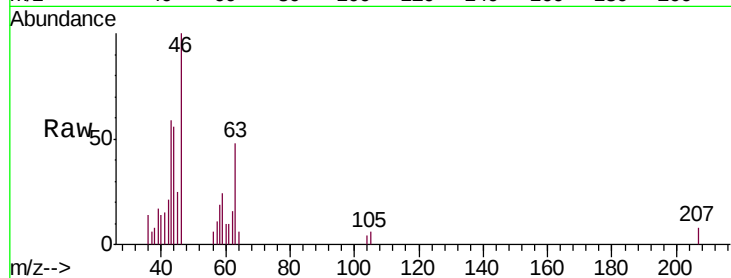
Ion Ratio Lower Upper

43 100

58 13.1 41.1 61.7#

57 14.0 13.8 20.8

100 0.0 6.5 9.7#



#59

1,2,3-Trichloropropane

Concen: 1.248 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028319.D

Acq: 21 Nov 2018 15:02

Tgt Ion: 75 Resp: 10714

Ion Ratio Lower Upper

75 100

77 35.0 25.7 38.5

