

Data File : VU028228.D
Acq On : 17 Nov 2018 16:43
Operator : MD/SY
Sample : J5943-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 19 03:11:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52985	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	44746	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.28	63	80347	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.21	46	194696	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.65	84	95311	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	56949	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.34	84	196537	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	74038	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.57	98	165966	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	21694	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.32	63	142038	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50337	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	58713	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

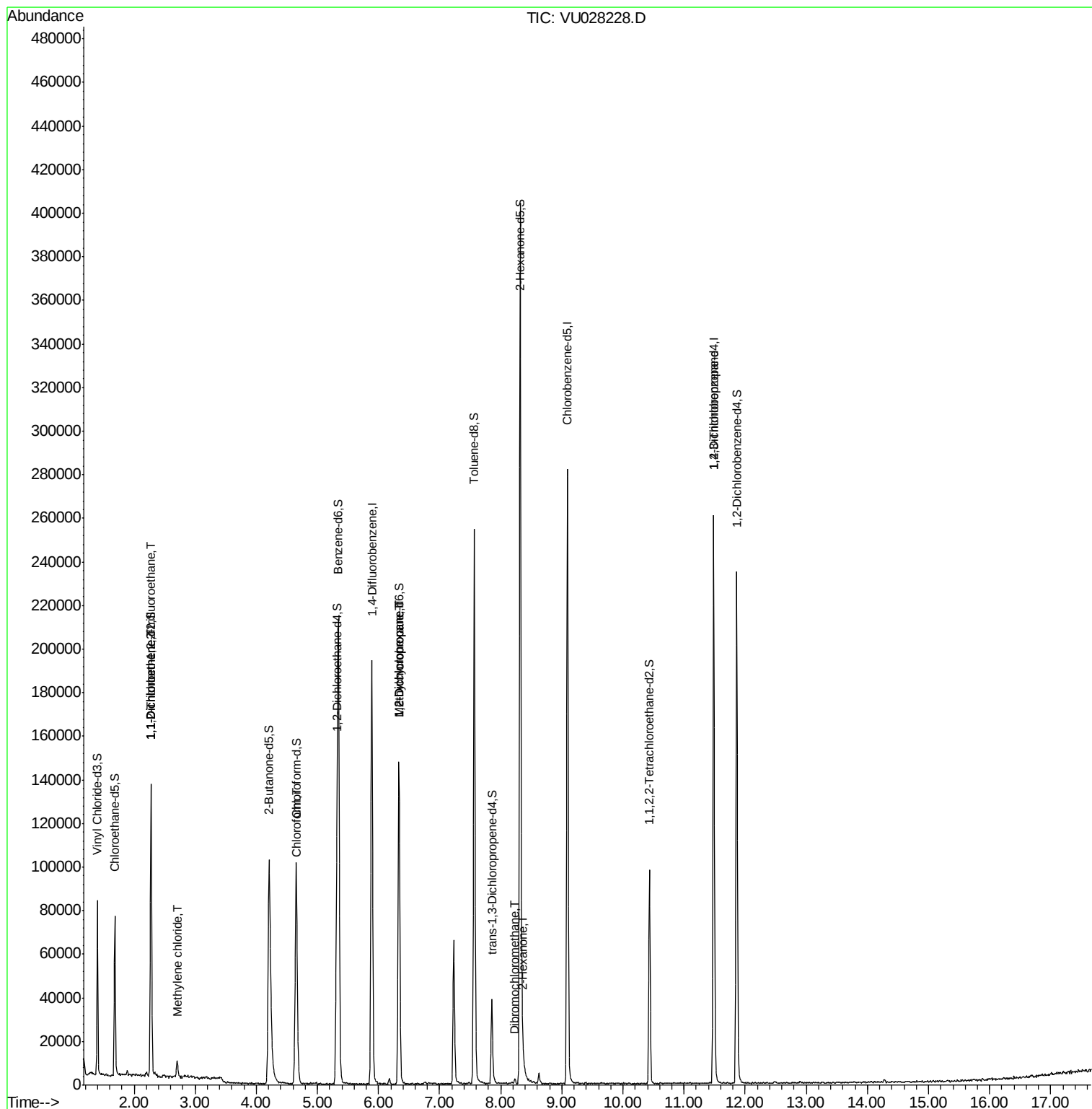
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	519	0.053	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	524	0.057	ug/L #	1
16) Methylene chloride	2.70	84	2711	0.233	ug/L	96
25) Chloroform	4.67	83	6864	0.278	ug/L	88
35) Methylcyclohexane	6.34	83	14462	0.792	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	7824	0.579	ug/L #	92
48) 2-Hexanone	8.37	43	2151	0.313	ug/L #	71
49) Dibromochloromethane	8.23	129	562	0.068	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	9268	1.188	ug/L #	81

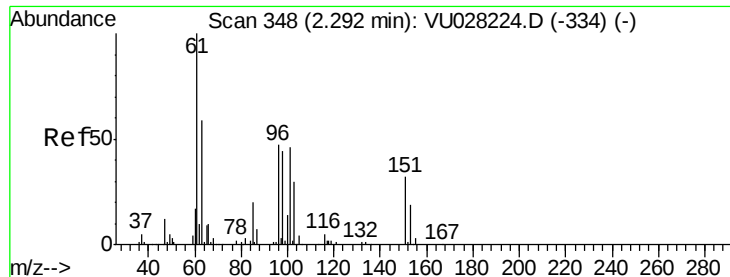
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.053 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028228.D

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Instrument :

MSVOA_U

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VHBLK01

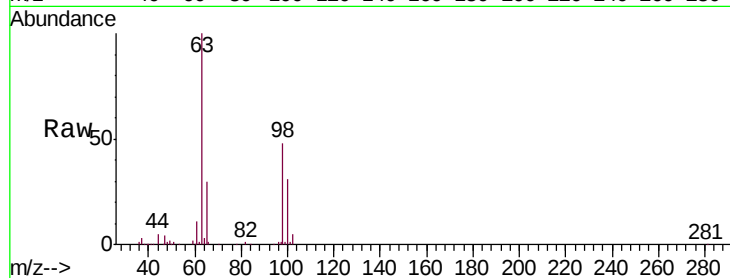
Tgt Ion: 101 Resp: 519

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

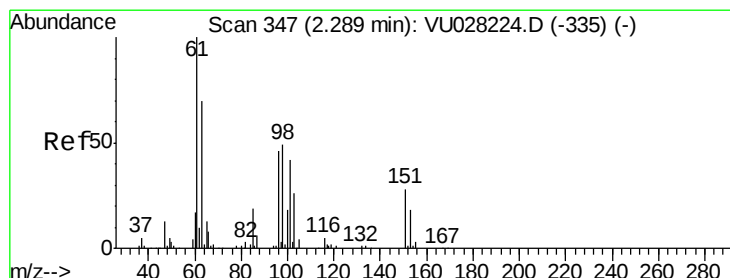
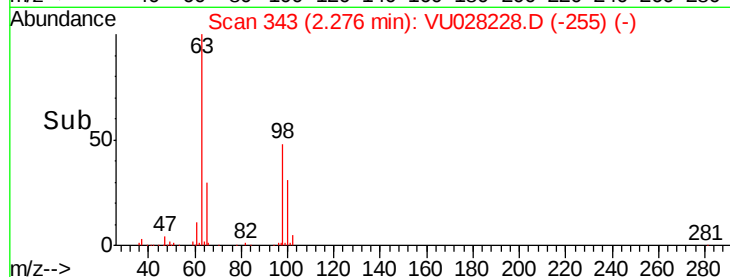
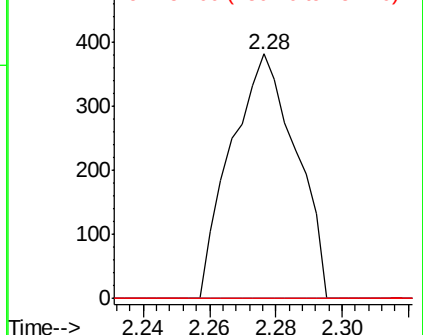
151 0.0 55.0 82.4#



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



#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028228.D

Acq: 17 Nov 2018 16:43

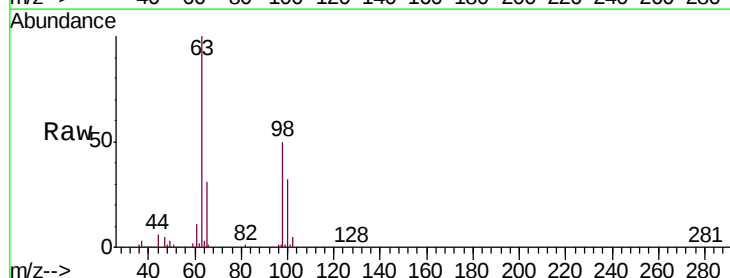
Tgt Ion: 96 Resp: 524

Ion Ratio Lower Upper

96 100

61 1559.6 145.5 270.1#

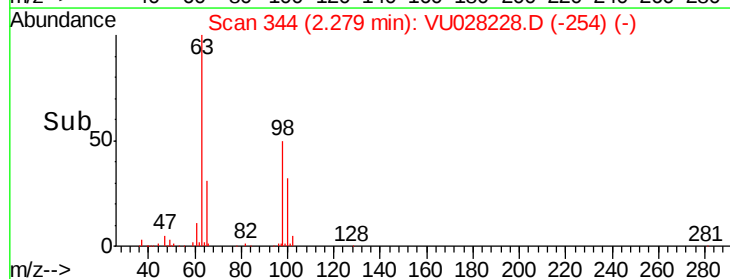
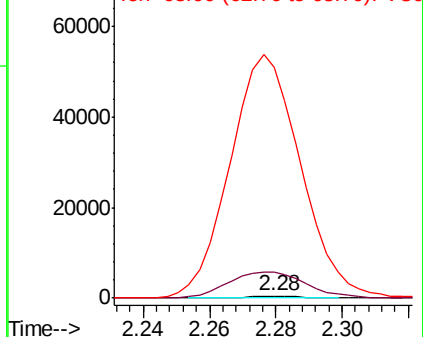
63 13774.7 98.6 183.2#

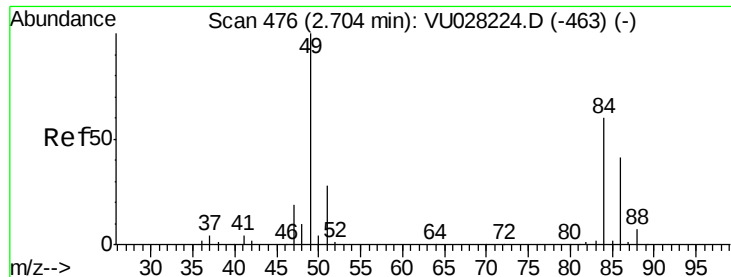


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

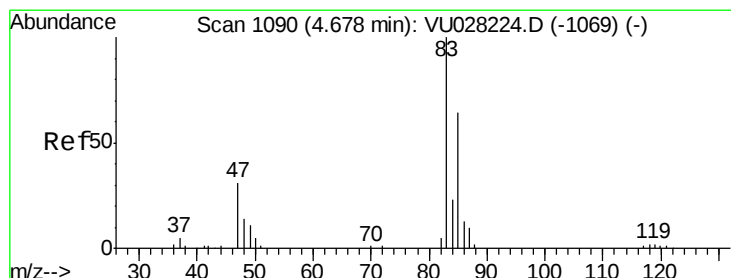
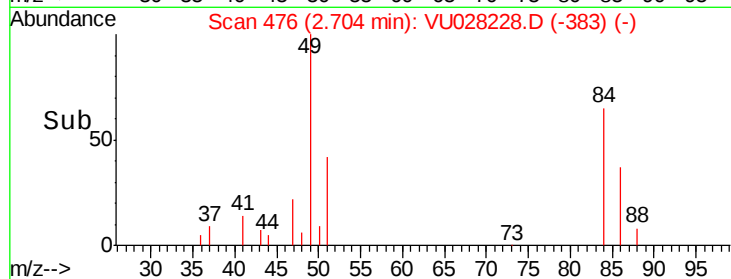
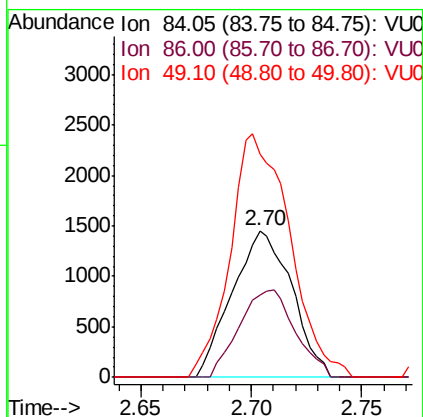
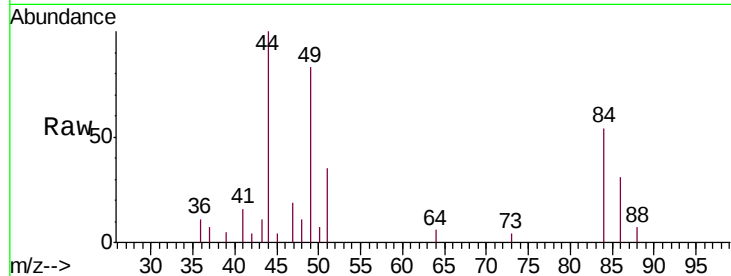




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU028228.D
Acq: 17 Nov 2018 16:43

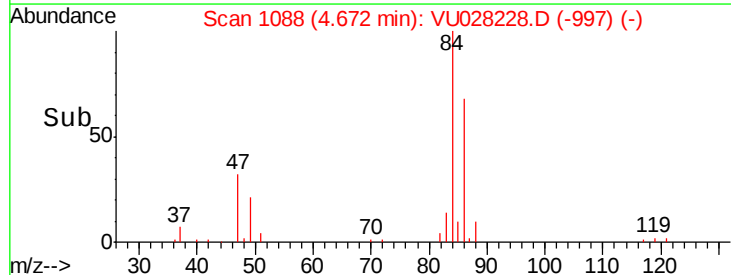
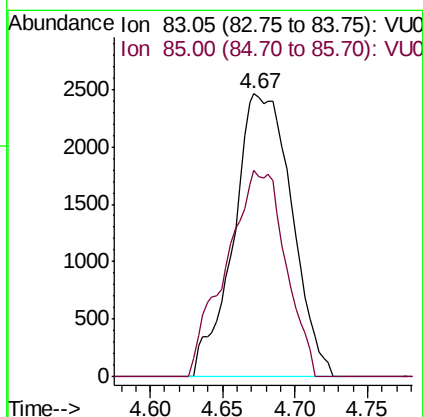
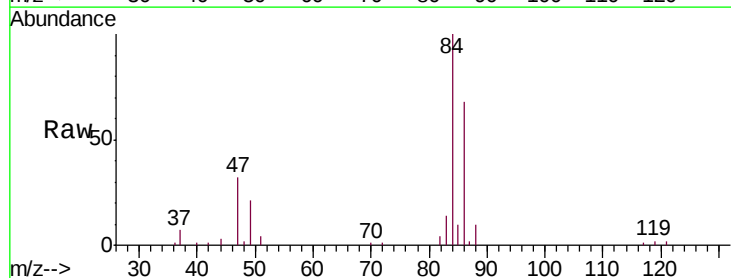
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

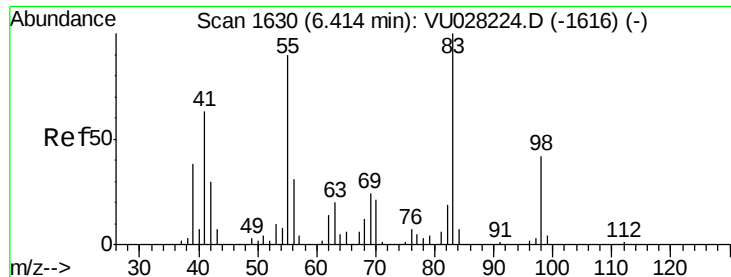
Tgt Ion: 84 Resp: 2711
Ion Ratio Lower Upper
84 100
86 56.4 45.3 84.1
49 152.7 107.9 200.5



#25
Chloroform
Concen: 0.278 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU028228.D
Acq: 17 Nov 2018 16:43

Tgt Ion: 83 Resp: 6864
Ion Ratio Lower Upper
83 100
85 73.0 44.6 82.8





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.08 min

Lab File: VU028228.D

Acq: 17 Nov 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

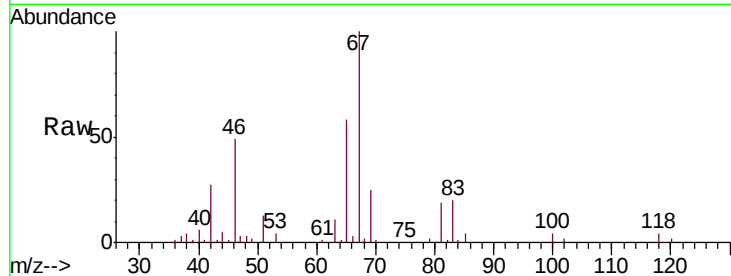
Tgt Ion: 83 Resp: 14462

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

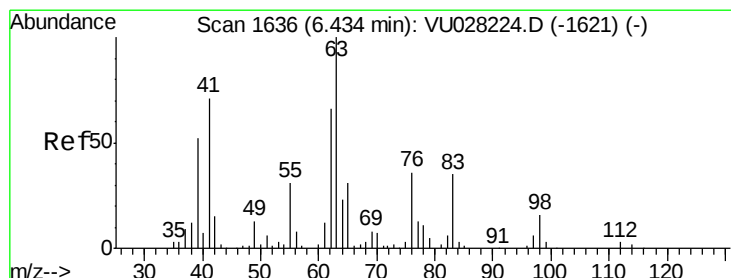
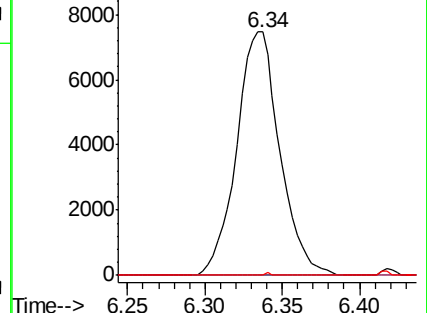
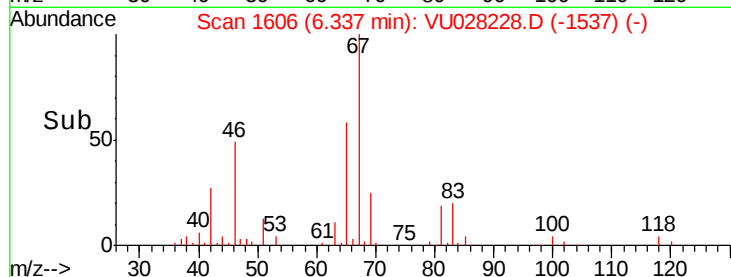
98 0.1 33.4 50.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028228.D

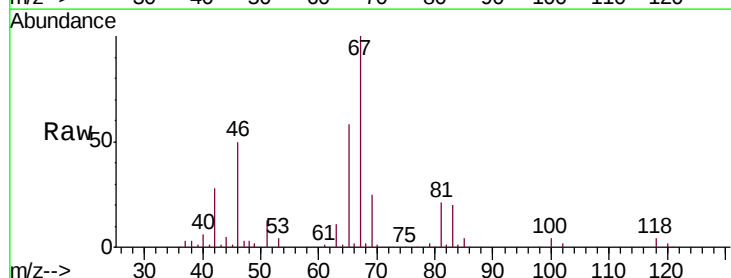
Acq: 17 Nov 2018 16:43

Tgt Ion: 63 Resp: 7824

Ion Ratio Lower Upper

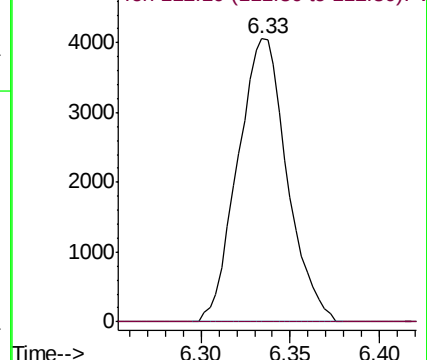
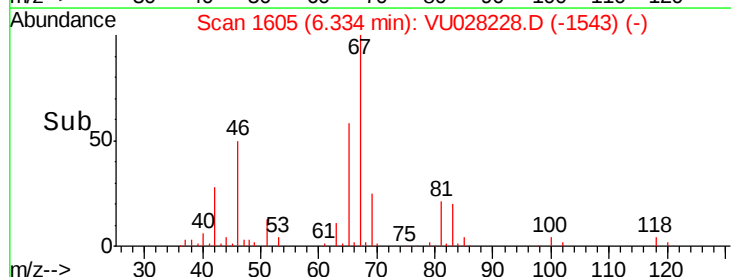
63 100

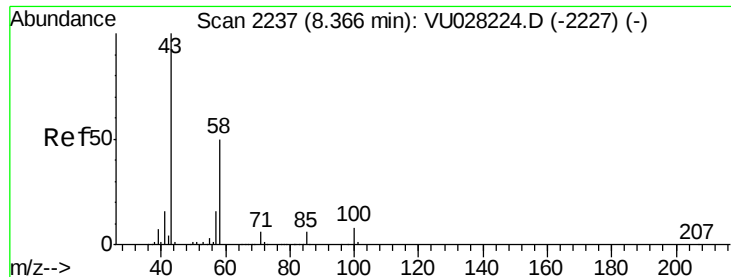
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

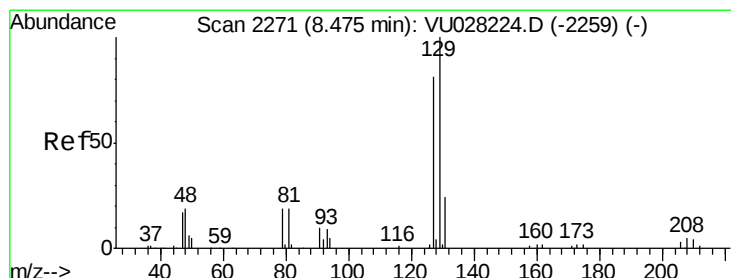
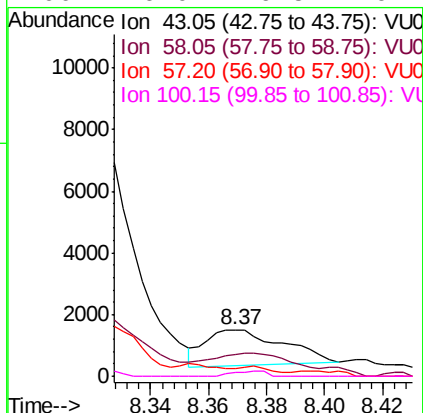
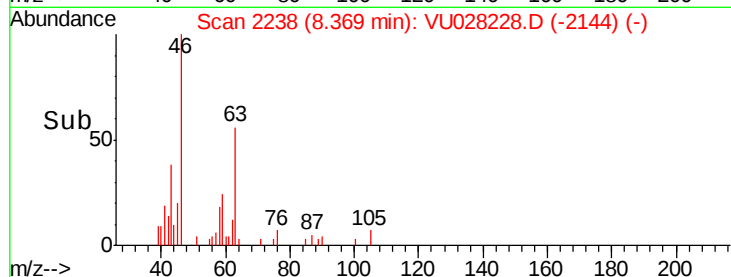
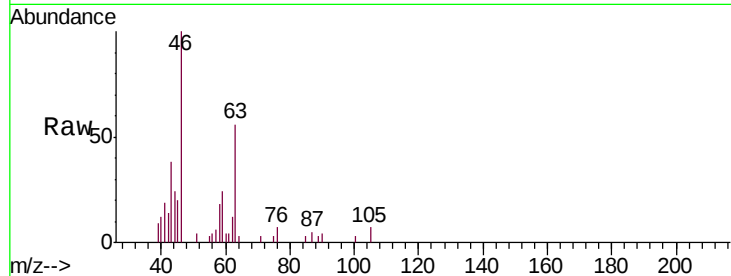




#48
2-Hexanone
Concen: 0.313 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028228.D
Acq: 17 Nov 2018 16:43

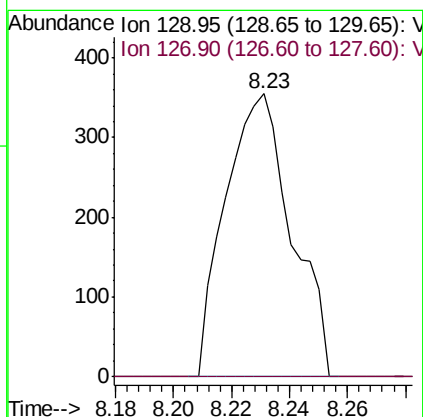
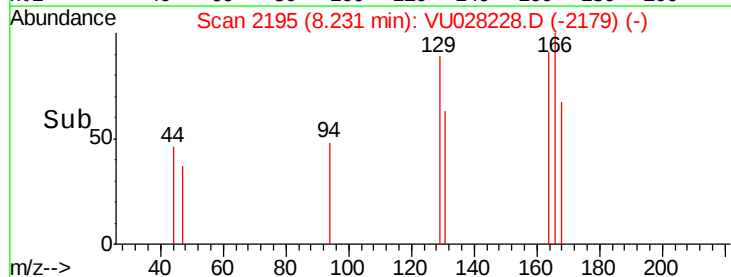
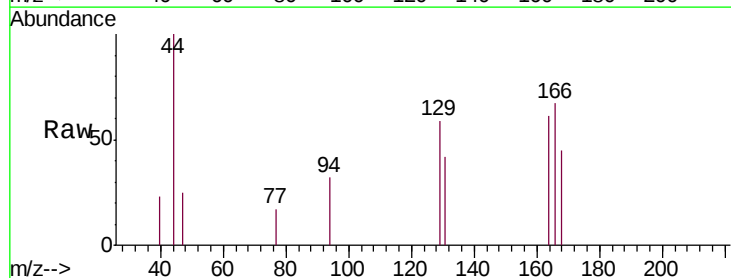
Instrument :
MSVOA_U
ClientSampleId :
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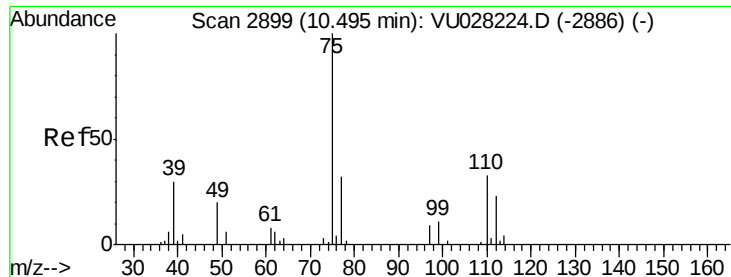
Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
58 78.1 41.1 61.7#
57 11.9 13.8 20.8#
100 6.0 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.068 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028228.D
Acq: 17 Nov 2018 16:43

Tgt Ion: 129 Resp: 562
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.188 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028228.D

Acq: 17 Nov 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 9268

Ion Ratio Lower Upper

75 100

77 42.6 25.7 38.5#

