

Data File : VU028225.D
Acq On : 17 Nov 2018 15:32
Operator : MD/SY
Sample : VU1117WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Nov 19 03:10:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 02:51:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	152860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144425	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55557	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.68	69	49016	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.28	63	84032	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.20	46	203444	52.85	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.70%
24) Chloroform-d	4.65	84	101603	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.31	65	58835	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	206862	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.33	67	77842	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.57	98	176606	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	22391	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.31	63	149490	51.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53664	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	60095	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

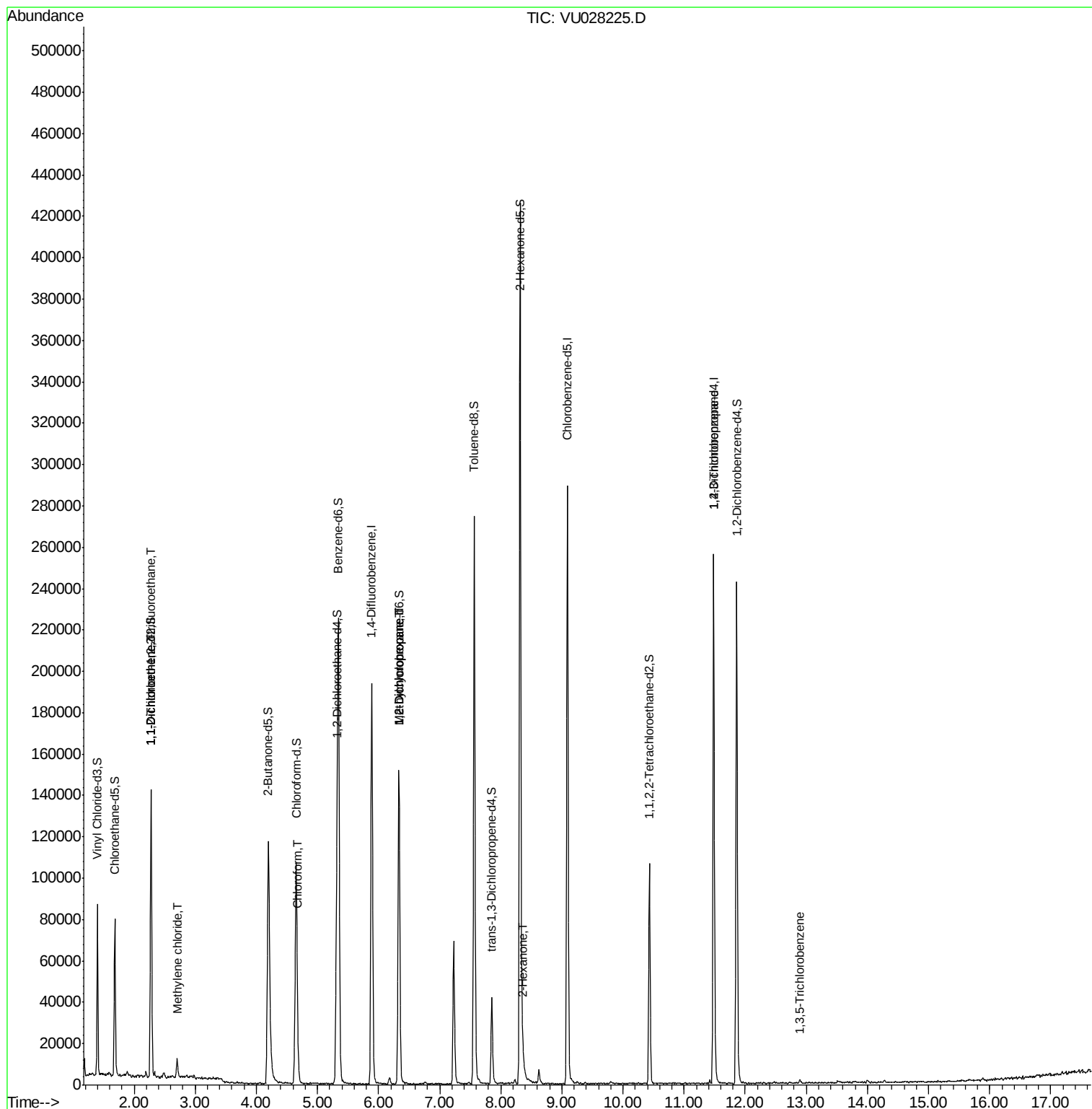
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	638	0.064	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	678	0.072	ug/L #	1
16) Methylene chloride	2.70	84	3260	0.275	ug/L	96
25) Chloroform	4.68	83	6865	0.273	ug/L	95
35) Methylcyclohexane	6.34	83	14994	0.816	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8199	0.603	ug/L #	92
48) 2-Hexanone	8.37	43	3479	0.502	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	9552	1.216	ug/L	89
67) 1,3,5-Trichlorobenzene	12.89	180	898	0.061	ug/L #	73

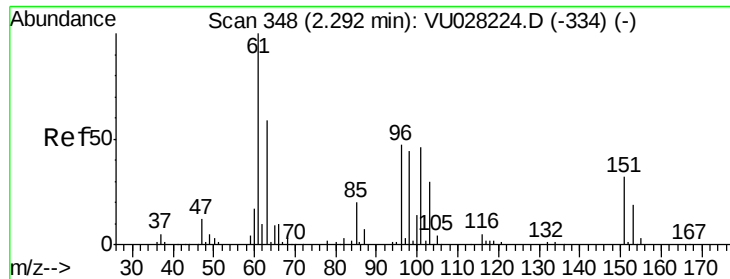
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.064 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

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VBLK41

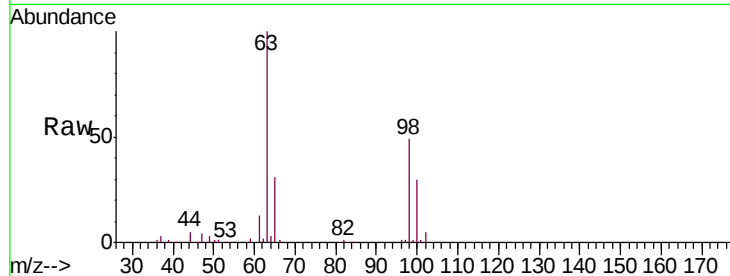
Tgt Ion: 101 Resp: 638

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

2.28

600

400

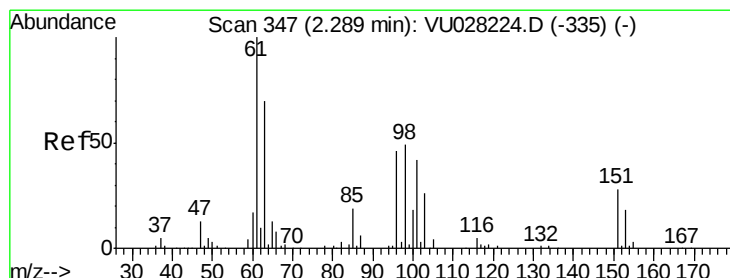
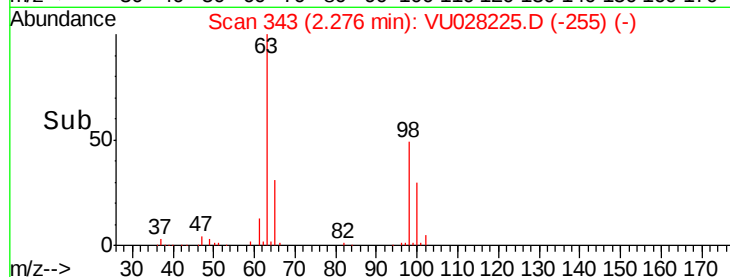
200

0

2.26

2.28

Time-->



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU028225.D

Acq: 17 Nov 2018 15:32

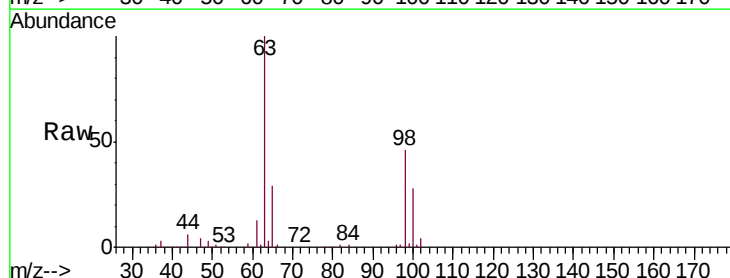
Tgt Ion: 96 Resp: 678

Ion Ratio Lower Upper

96 100

61 1048.0 145.5 270.1#

63 7992.3 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

60000

40000

20000

0

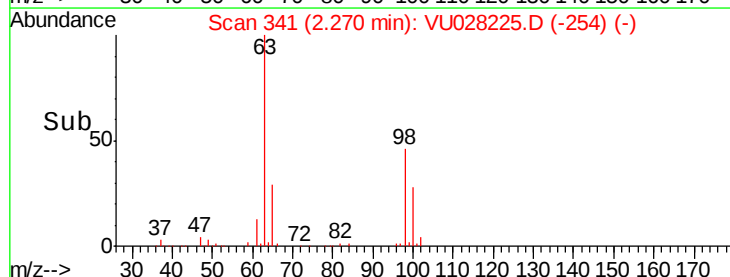
2.24

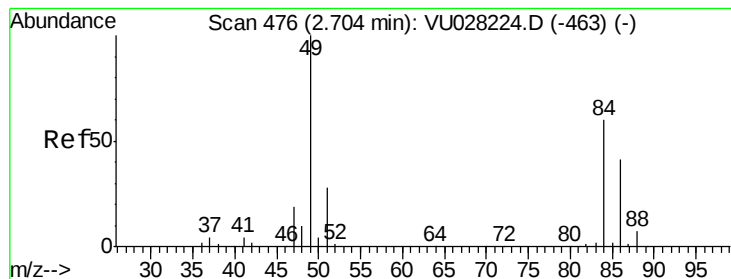
2.26

2.28

2.30

Time-->





#16

Methylene chloride

Concen: 0.275 ug/L

RT: 2.70 min Scan# 476

Delta R.T. -0.00 min

Lab File: VU028225.D

Acq: 17 Nov 2018 15:32

Instrument :

MSVOA_U

ClientSampled :

VBLK41

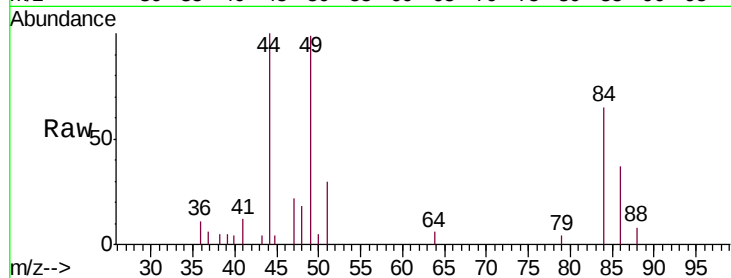
Tgt Ion: 84 Resp: 3260

Ion Ratio Lower Upper

84 100

86 57.5 45.3 84.1

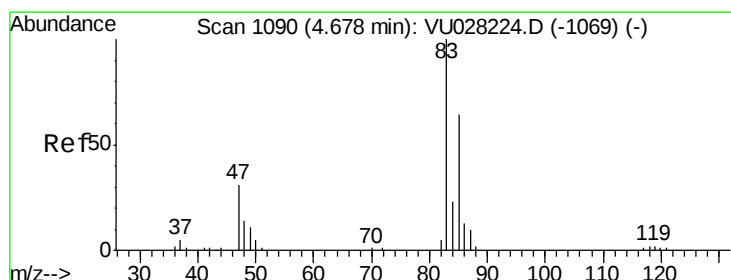
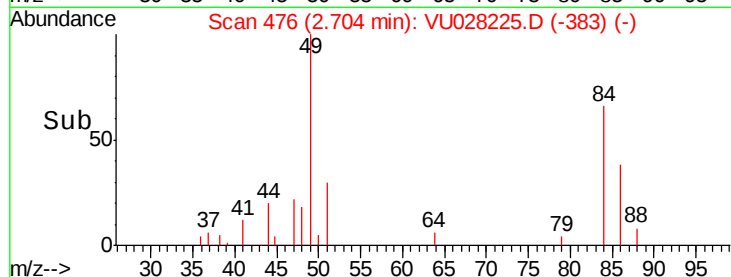
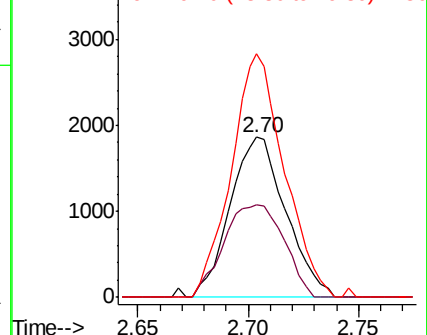
49 151.9 107.9 200.5



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#25

Chloroform

Concen: 0.273 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VU028225.D

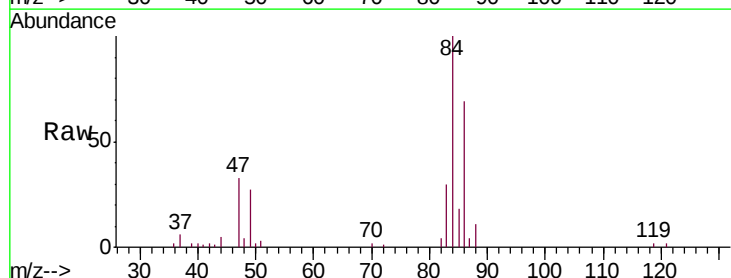
Acq: 17 Nov 2018 15:32

Tgt Ion: 83 Resp: 6865

Ion Ratio Lower Upper

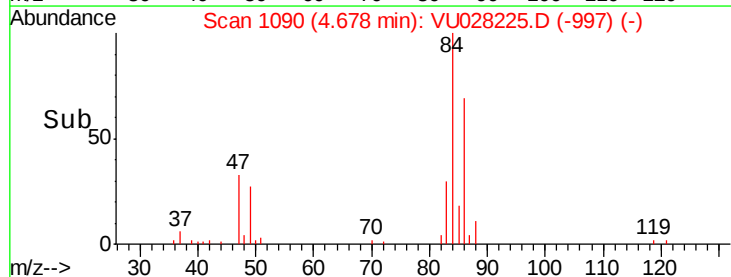
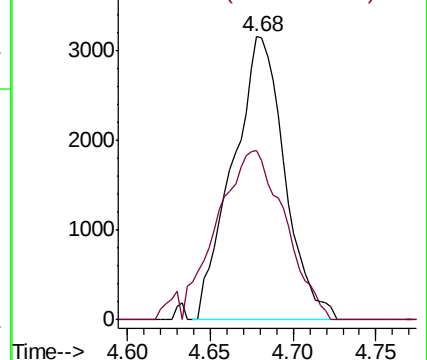
83 100

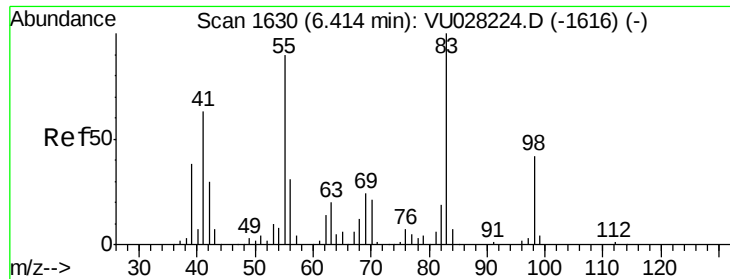
85 60.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

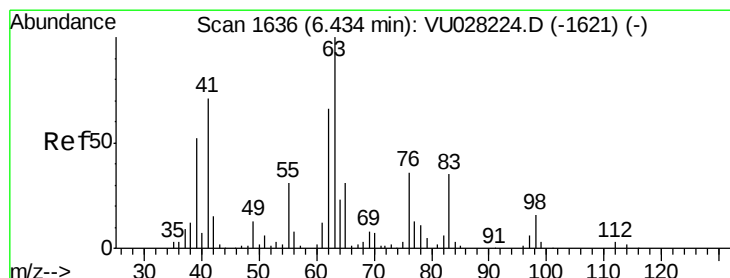
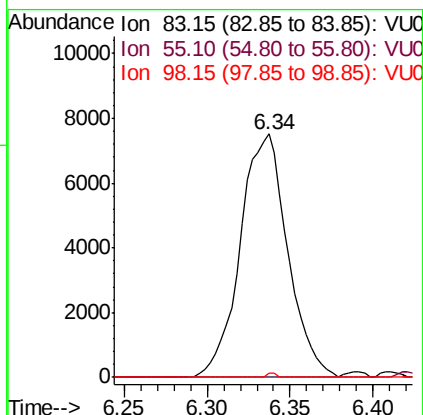
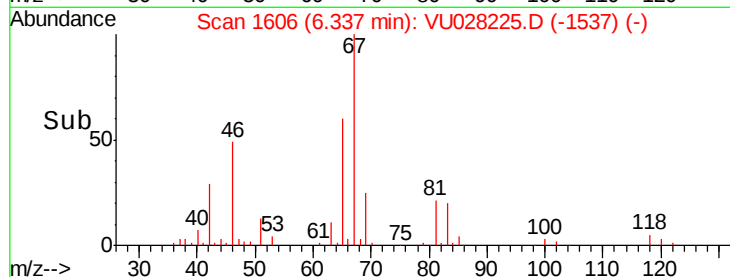
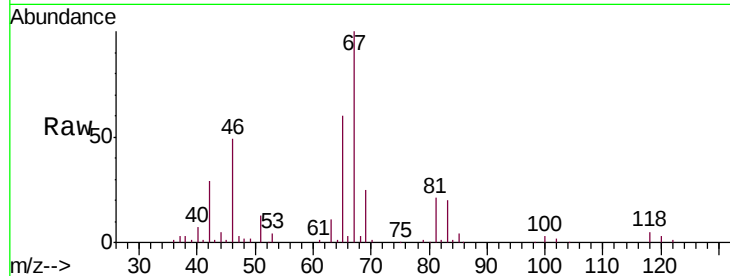




#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.08 min
Lab File: VU028225.D
Acq: 17 Nov 2018 15:32

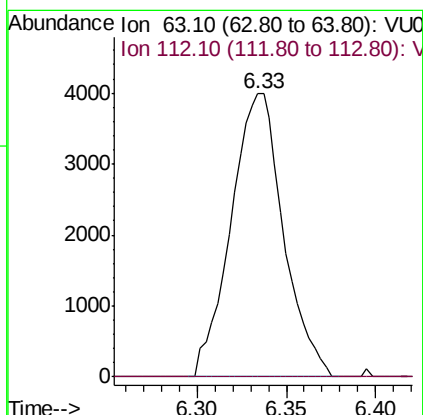
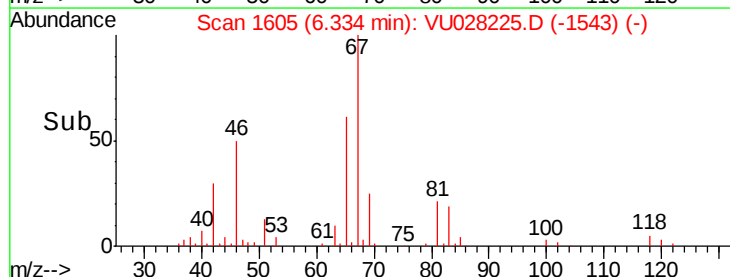
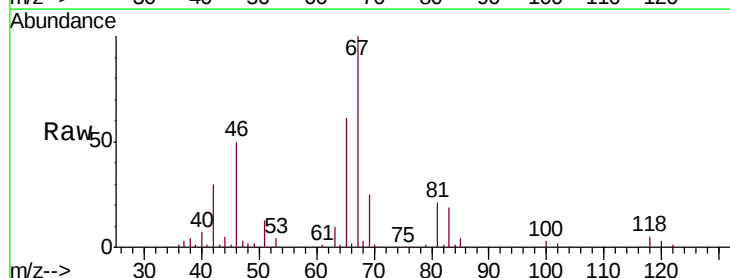
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VBLK41

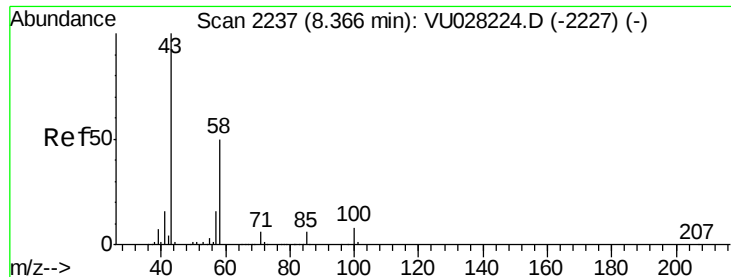
Tgt Ion: 83 Resp: 14994
Ion Ratio Lower Upper
83 100
55 0.7 73.2 109.8#
98 0.3 33.4 50.2#



#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028225.D
Acq: 17 Nov 2018 15:32

Tgt Ion: 63 Resp: 8199
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#

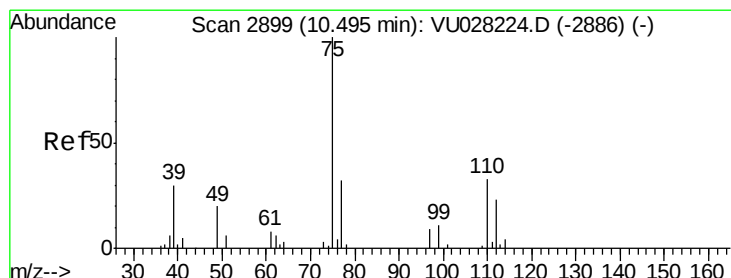
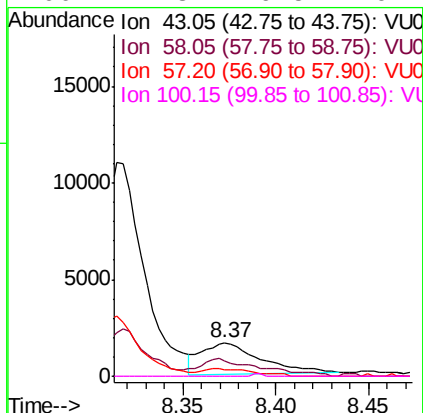
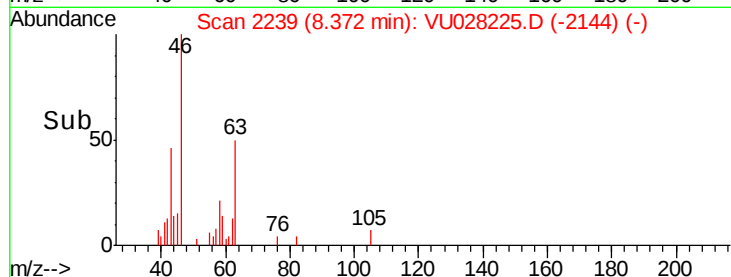
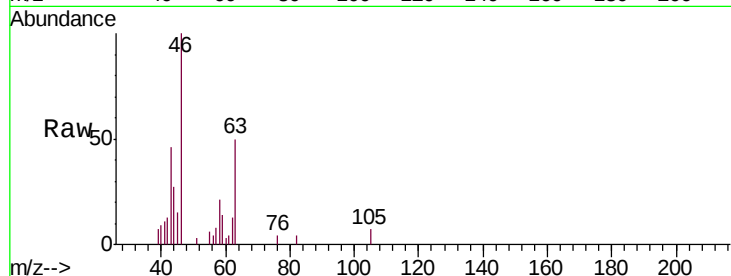




#48
2-Hexanone
Concen: 0.502 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028225.D
Acq: 17 Nov 2018 15:32

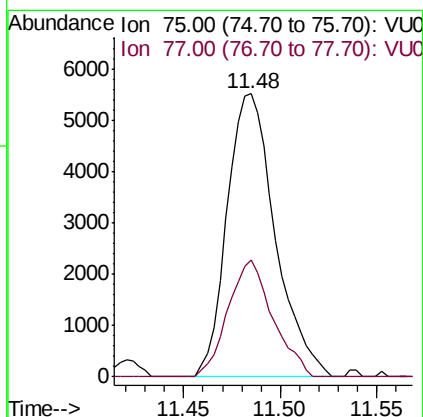
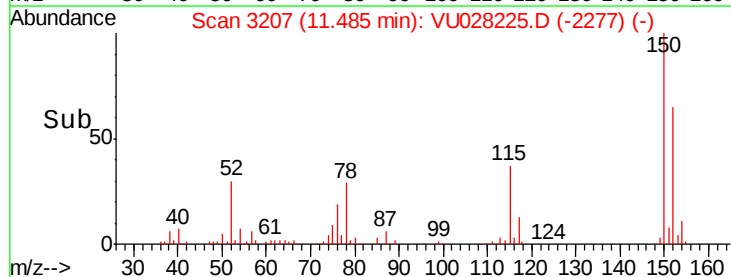
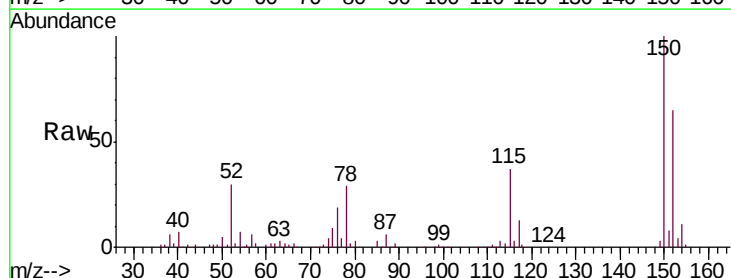
Instrument :
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ClientSampleId :
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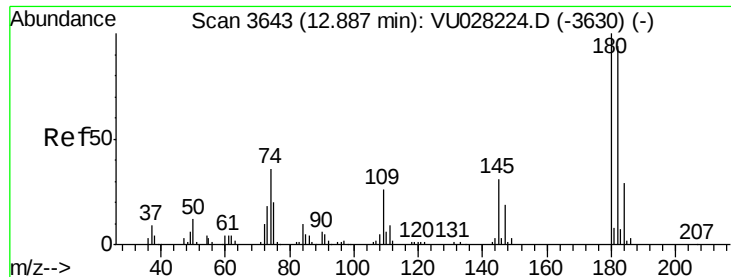
Tgt Ion: 43 Resp: 3479
Ion Ratio Lower Upper
43 100
58 59.9 41.1 61.7
57 0.0 13.8 20.8#
100 1.3 6.5 9.7#



#59
1,2,3-Trichloropropane
Concen: 1.216 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028225.D
Acq: 17 Nov 2018 15:32

Tgt Ion: 75 Resp: 9552
Ion Ratio Lower Upper
75 100
77 38.2 25.7 38.5





#67
 1,3,5-Trichlorobenzene
 Concen: 0.061 ug/L
 RT: 12.89 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: VU028225.D
 Acq: 17 Nov 2018 15:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Tgt Ion:	180	Resp:	898
Ion	Ratio	Lower	Upper
180	100		
182	70.5	77.5	116.3#
184	22.7	23.7	35.5#
145	9.0	24.2	36.4#

