

Data File : VU028226.D
Acq On : 17 Nov 2018 15:56
Operator : MD/SY
Sample : J5960-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 19 03:10:53 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	155519	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54459	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	47657	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.28	63	82379	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.21	46	200318	51.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.30%
24) Chloroform-d	4.65	84	98878	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	60040	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	204614	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	76763	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.57	98	175840	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	22663	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.31	63	148958	50.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51989	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	59602	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

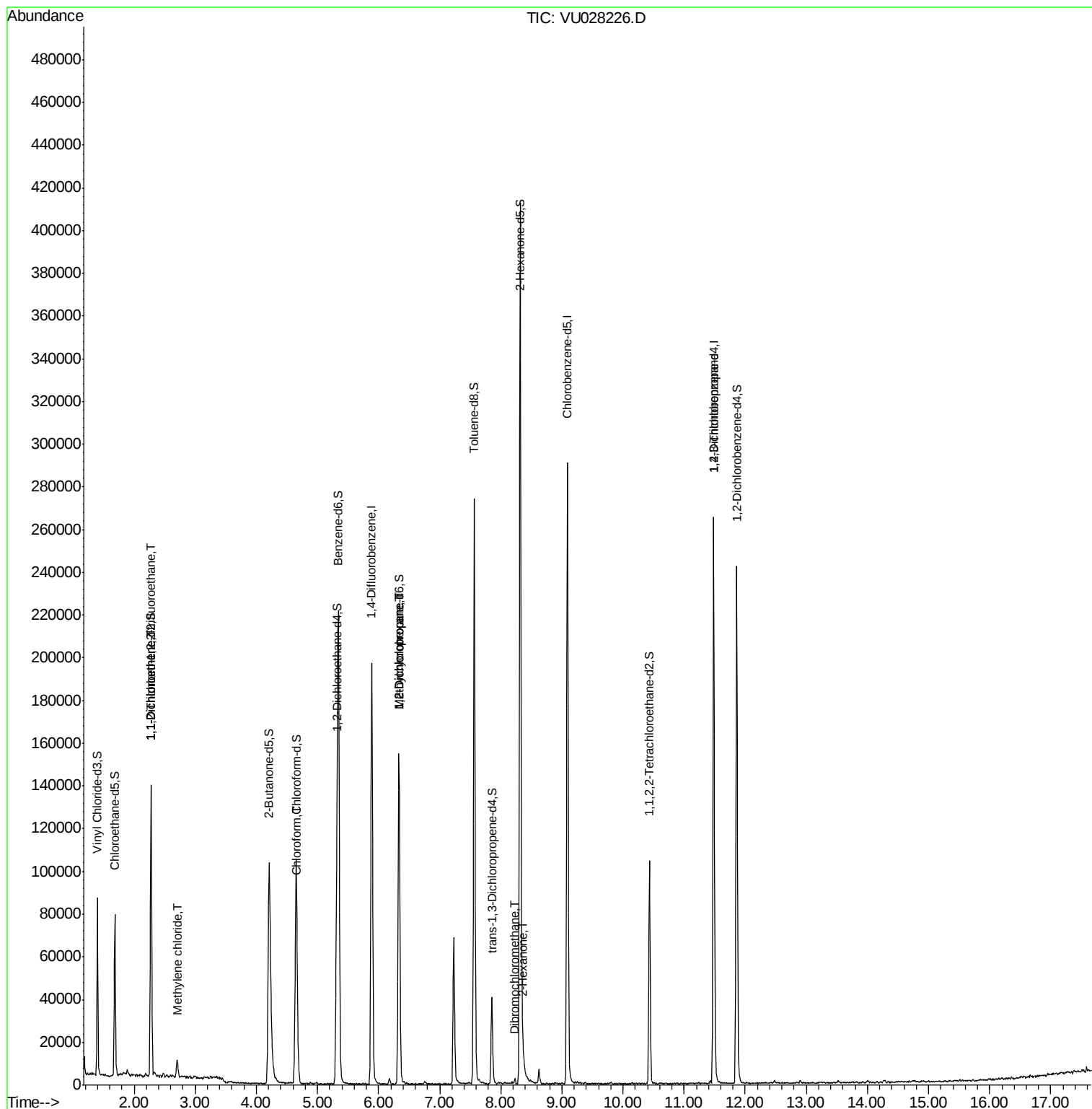
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	562	0.056 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	636	0.066 ug/L #	1
16) Methylene chloride	2.71	84	2921	0.242 ug/L	96
25) Chloroform	4.67	83	6783	0.265 ug/L	96
35) Methylcyclohexane	6.33	83	15438	0.819 ug/L #	14
37) 1,2-Dichloropropane	6.34	63	7845	0.563 ug/L #	92
48) 2-Hexanone	8.37	43	3762	0.529 ug/L #	93
49) Dibromochloromethane	8.24	129	534	0.063 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	9934	1.233 ug/L	97

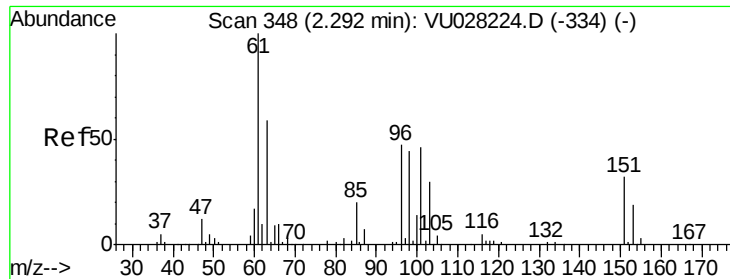
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.056 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028226.D

Acq: 17 Nov 2018 15:56

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

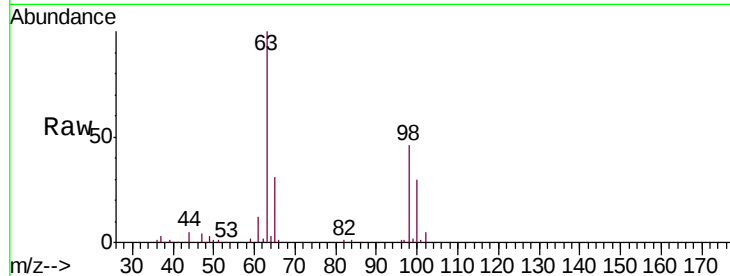
Tgt Ion: 101 Resp: 562

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

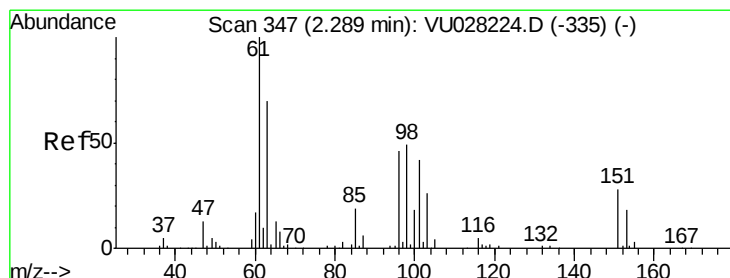
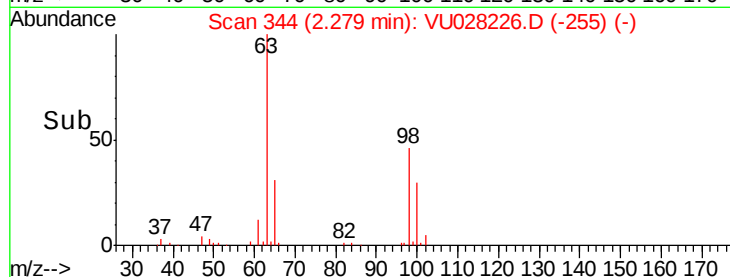
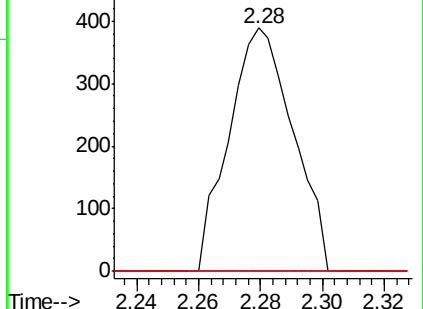
151 0.0 55.0 82.4#



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: 0.066 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028226.D

Acq: 17 Nov 2018 15:56

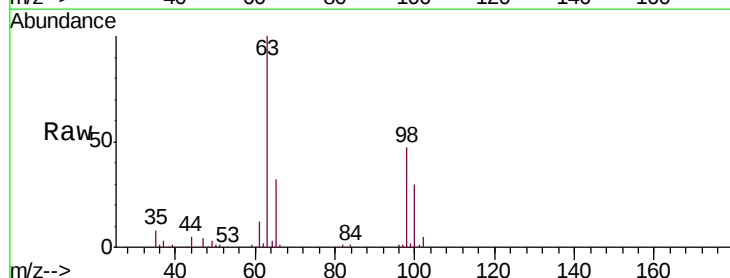
Tgt Ion: 96 Resp: 636

Ion Ratio Lower Upper

96 100

61 1224.3 145.5 270.1#

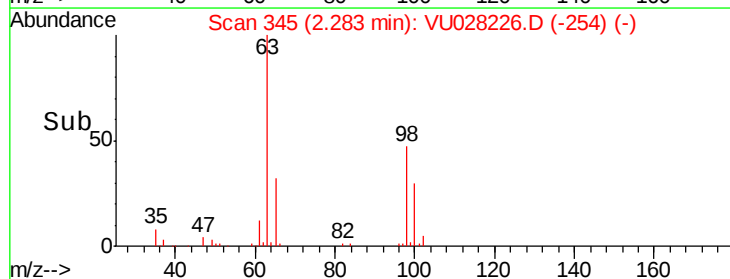
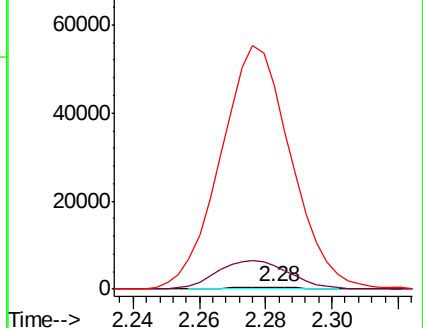
63 10487.1 98.6 183.2#

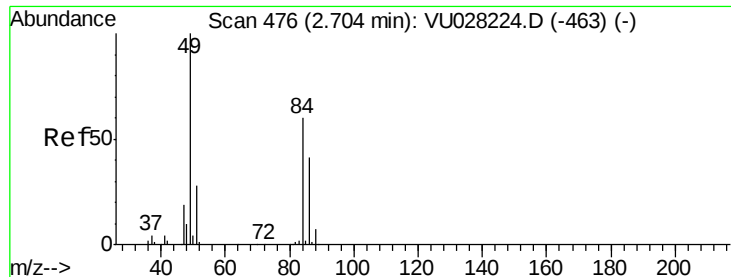


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

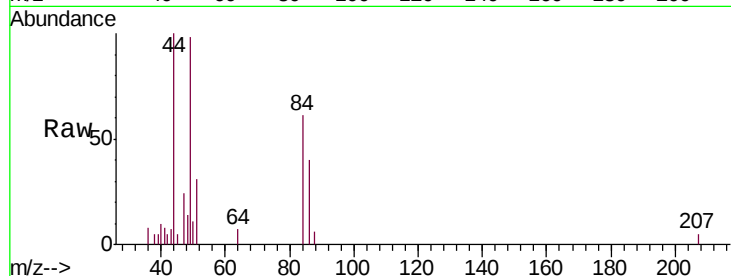




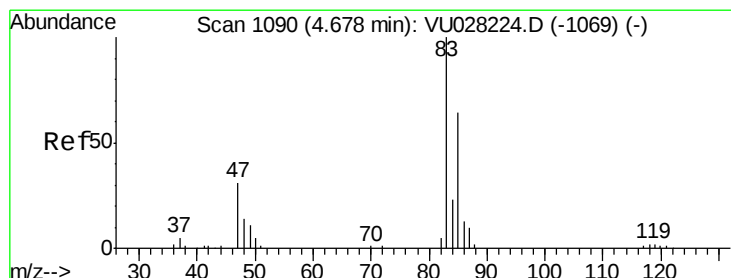
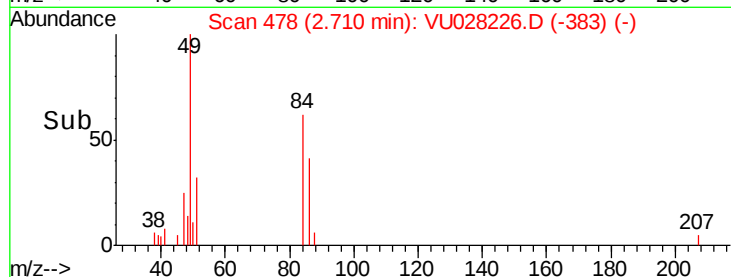
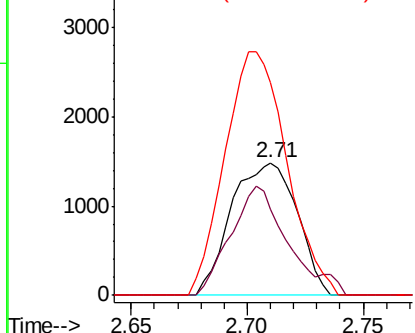
#16
Methylene chloride
Concen: 0.242 ug/L
RT: 2.71 min Scan# 478
Delta R.T. 0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 2921
Ion Ratio Lower Upper
84 100
86 65.3 45.3 84.1
49 160.7 107.9 200.5

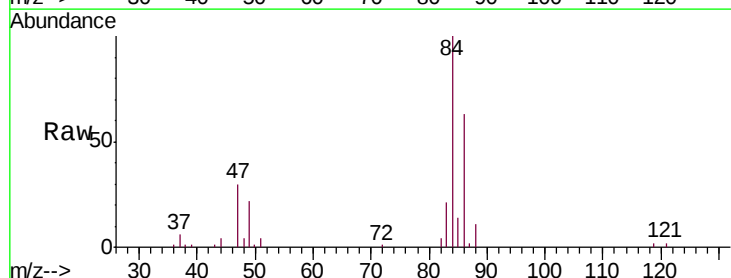


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

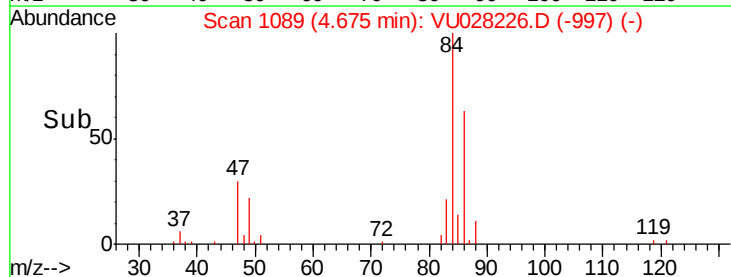
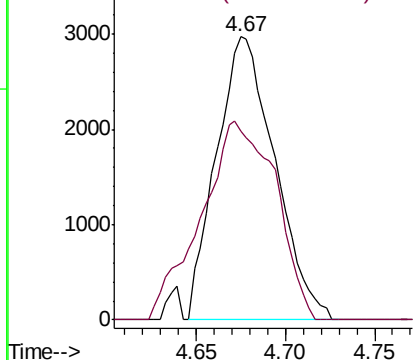


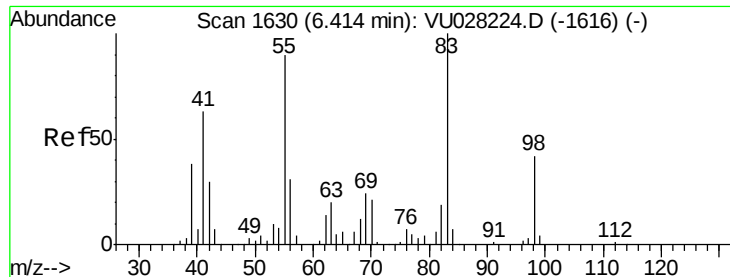
#25
Chloroform
Concen: 0.265 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028226.D
Acq: 17 Nov 2018 15:56

Tgt Ion: 83 Resp: 6783
Ion Ratio Lower Upper
83 100
85 66.8 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

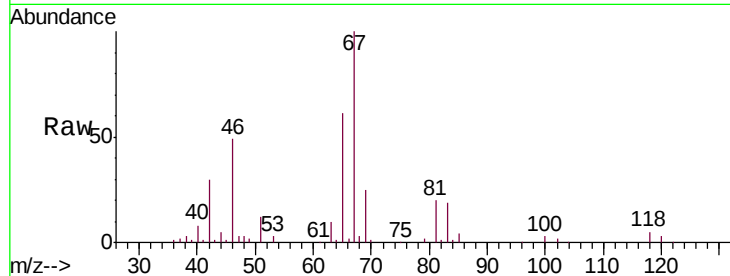




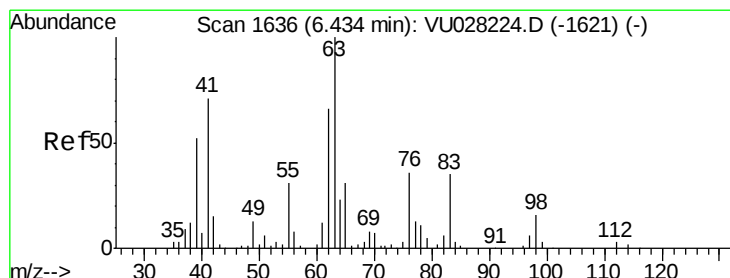
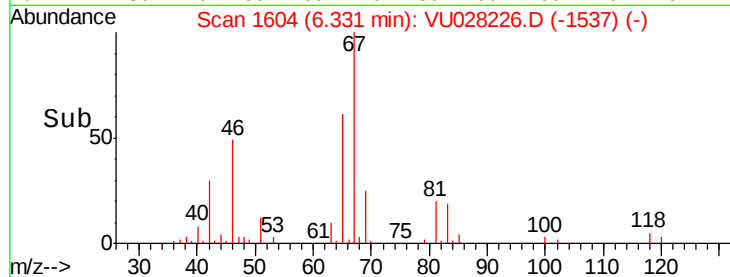
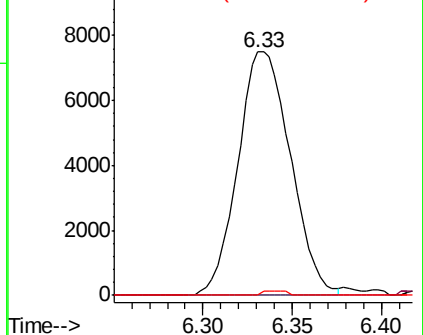
#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028226.D
Acq: 17 Nov 2018 15:56

Instrument :
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VHBLK01

Tgt Ion: 83 Resp: 15438
Ion Ratio Lower Upper
83 100
55 0.6 73.2 109.8#
98 0.8 33.4 50.2#

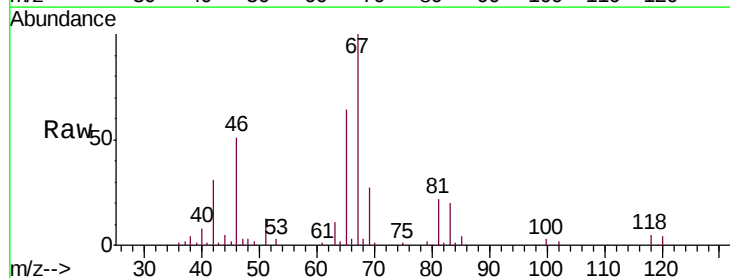


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

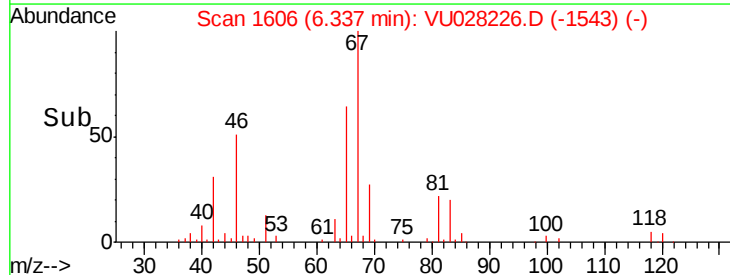
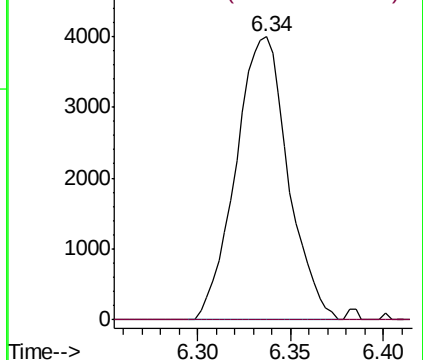


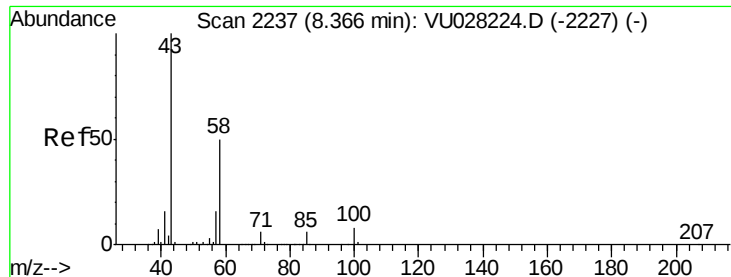
#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU028226.D
Acq: 17 Nov 2018 15:56

Tgt Ion: 63 Resp: 7845
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

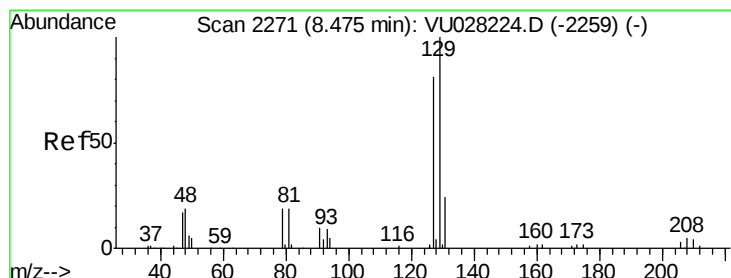
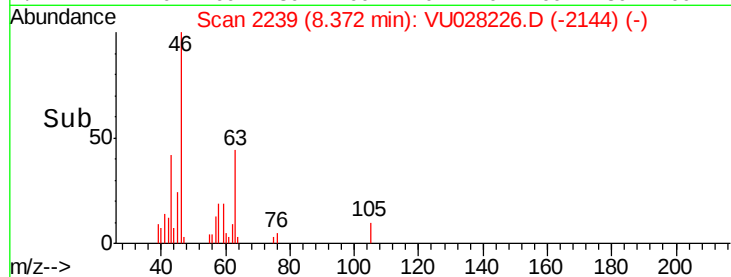
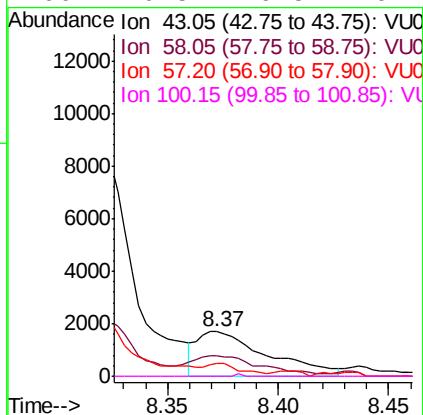
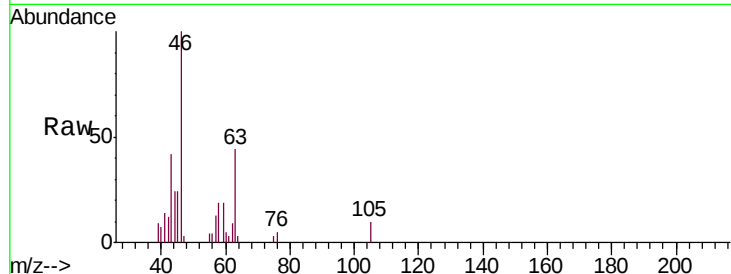




#48
2-Hexanone
Concen: 0.529 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028226.D
Acq: 17 Nov 2018 15:56

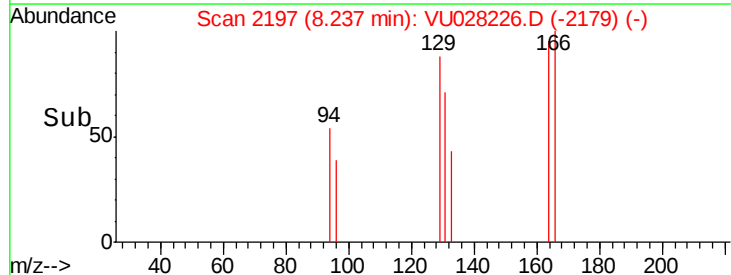
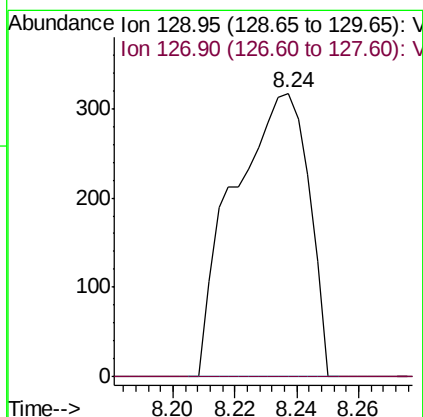
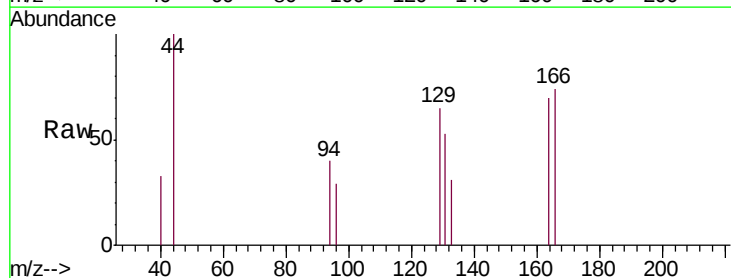
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VHBLK01

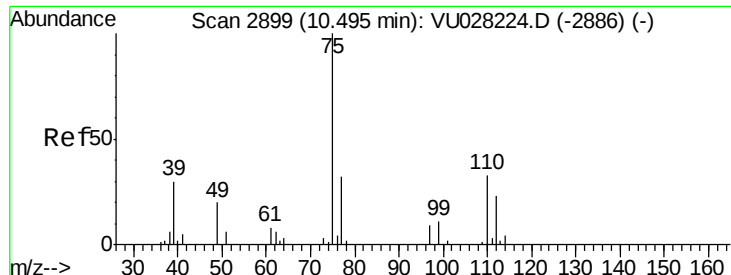
Tgt Ion: 43 Resp: 3762
Ion Ratio Lower Upper
43 100
58 47.9 41.1 61.7
57 15.4 13.8 20.8
100 0.5 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.063 ug/L
RT: 8.24 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VU028226.D
Acq: 17 Nov 2018 15:56

Tgt Ion: 129 Resp: 534
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.233 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028226.D

Acq: 17 Nov 2018 15:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 9934

Ion Ratio Lower Upper

75 100

77 33.6 25.7 38.5

