

Data File : VU028247.D
Acq On : 19 Nov 2018 12:05
Operator : MD/SY
Sample : J5946-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 20 07:10:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	128834	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42457	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	37526	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.28	63	62896	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.20	46	144787	44.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	4.65	84	78479	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.31	65	46357	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.34	84	156515	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	59259	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.57	98	138130	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	17438	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	100668	40.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43202	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	47712	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

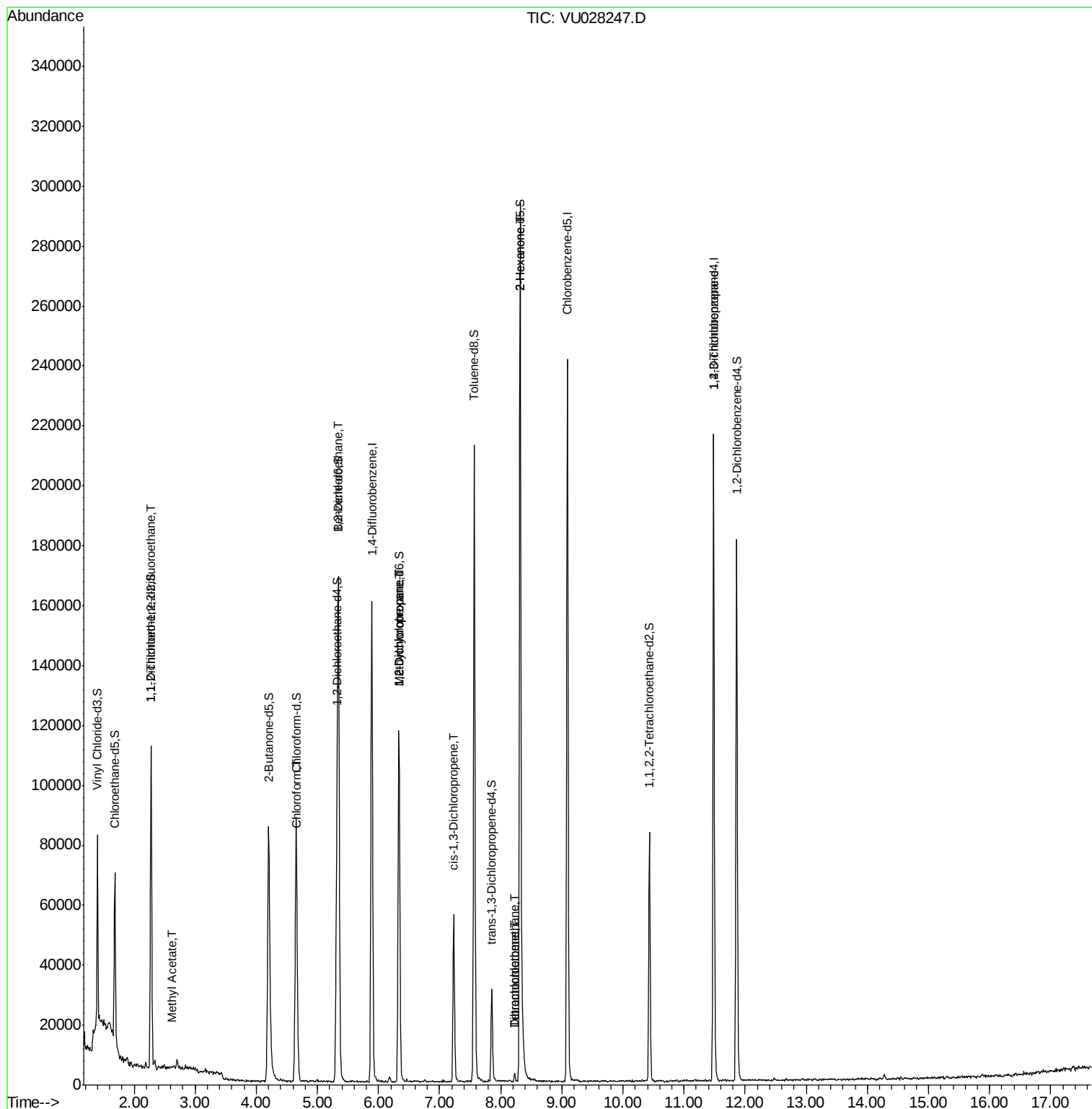
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	573	0.068 ug/L #	21
15) Methyl Acetate	2.63	43	614	0.104 ug/L #	59
25) Chloroform	4.67	83	4034	0.190 ug/L	93
27) 1,2-Dichloroethane	5.34	62	855	0.071 ug/L #	78
35) Methylcyclohexane	6.33	83	11939	0.763 ug/L #	13
37) 1,2-Dichloropropane	6.34	63	5852	0.506 ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1123	0.077 ug/L #	38
47) Tetrachloroethene	8.22	164	588	0.085 ug/L #	72
48) 2-Hexanone	8.31	43	13591	2.303 ug/L #	73
49) Dibromochloromethane	8.23	129	539	0.076 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	8527	1.275 ug/L	96

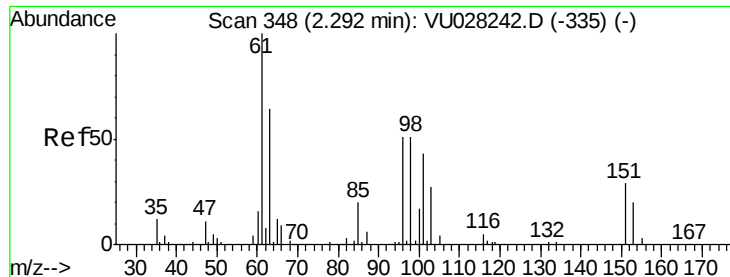
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.068 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028247.D

Acq: 19 Nov 2018 12:05

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

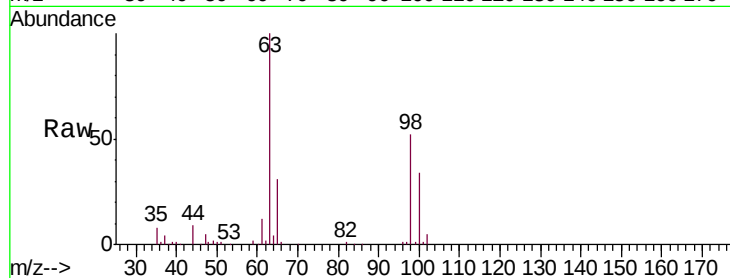
Tgt Ion: 101 Resp: 573

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

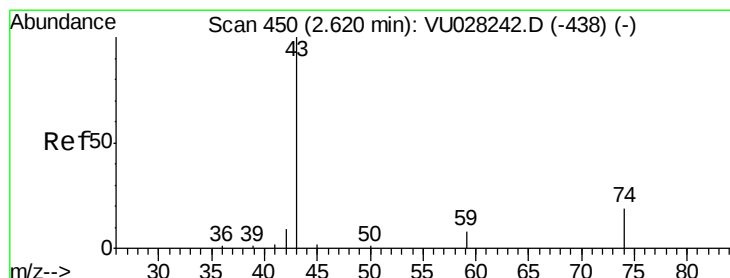
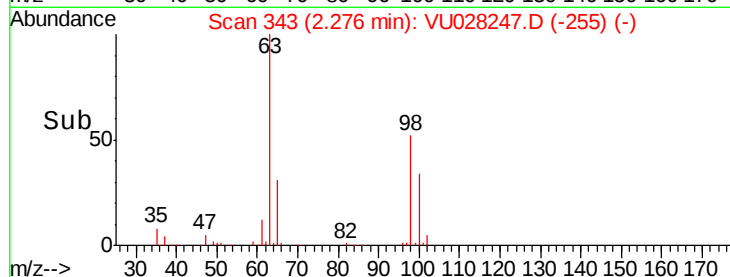
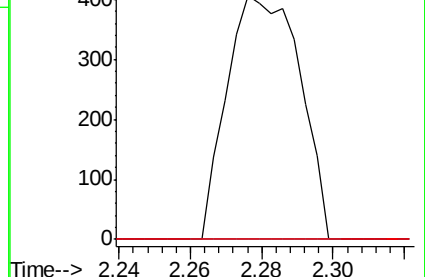
151 0.0 55.0 82.4#



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



#15

Methyl Acetate

Concen: 0.104 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028247.D

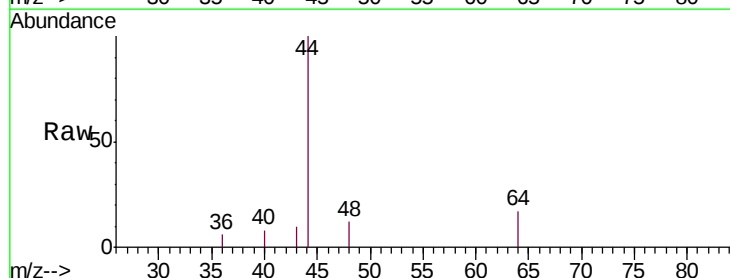
Acq: 19 Nov 2018 12:05

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

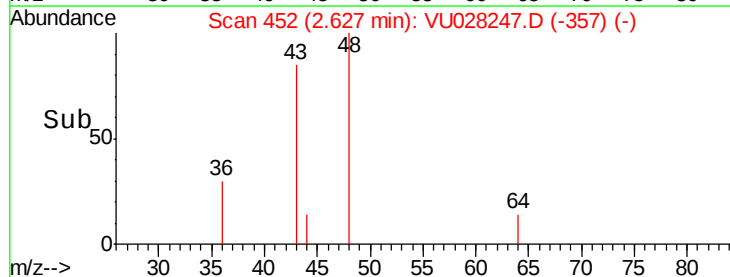
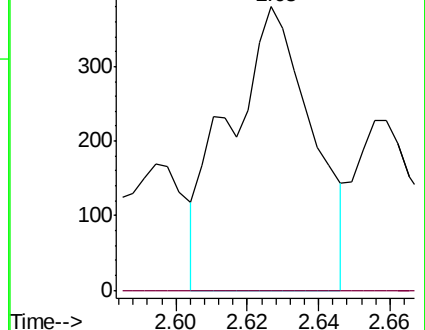
43 100

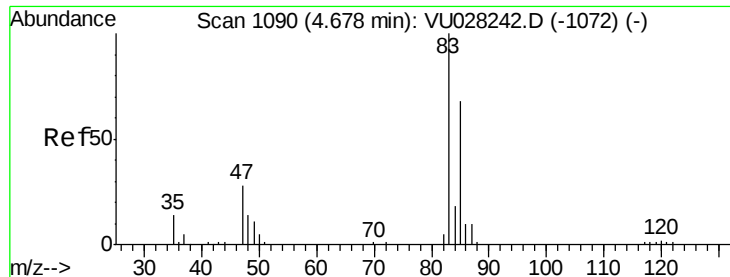
74 0.0 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

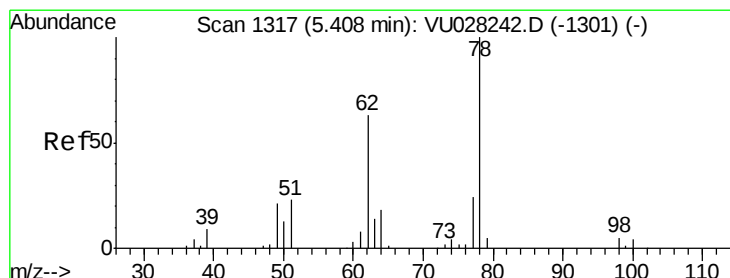
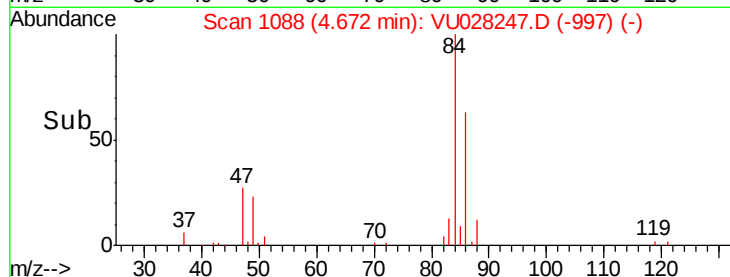
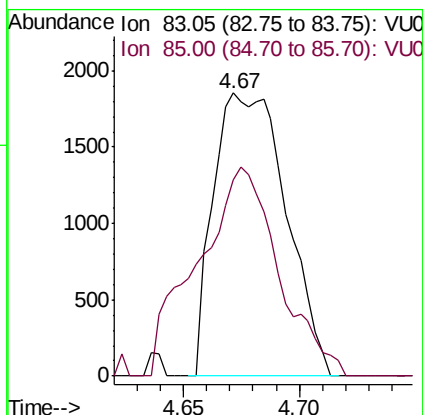
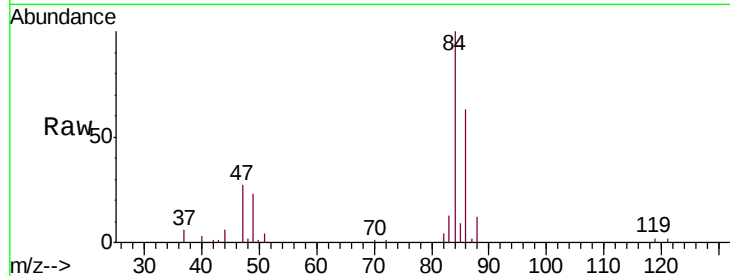




#25
Chloroform
Concen: 0.190 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU028247.D
Acq: 19 Nov 2018 12:05

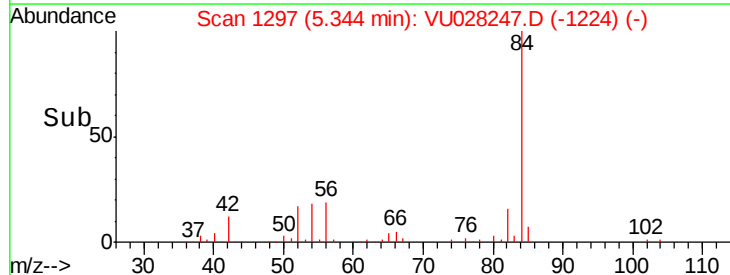
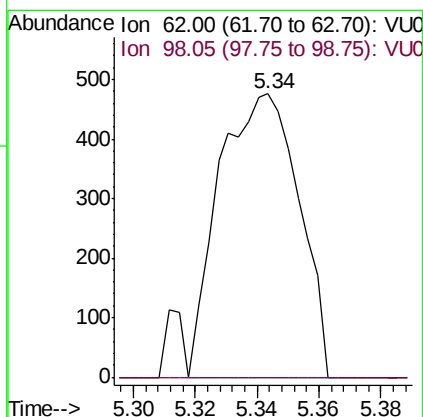
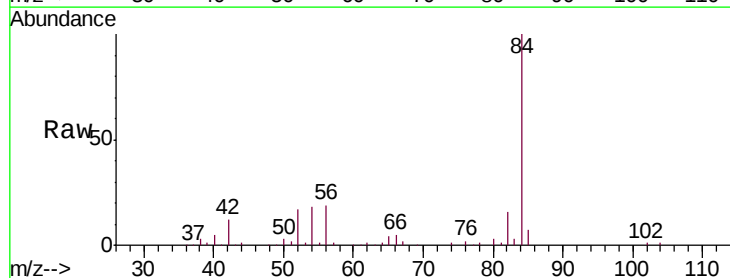
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

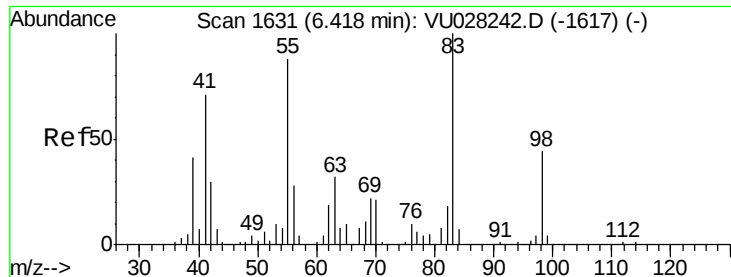
Tgt Ion: 83 Resp: 4034
Ion Ratio Lower Upper
83 100
85 69.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.06 min
Lab File: VU028247.D
Acq: 19 Nov 2018 12:05

Tgt Ion: 62 Resp: 855
Ion Ratio Lower Upper
62 100
98 0.0 6.2 9.4#

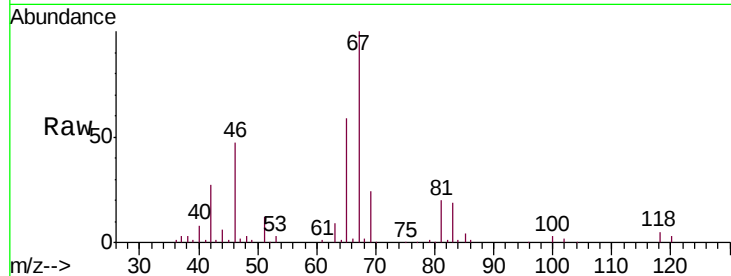




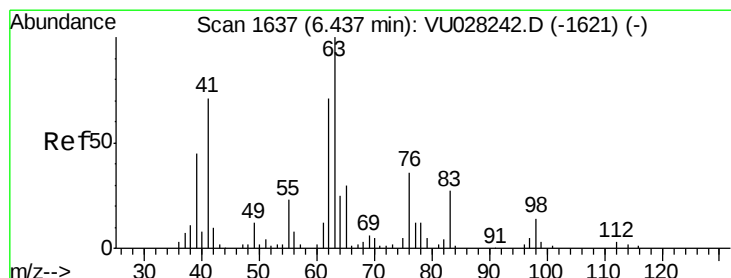
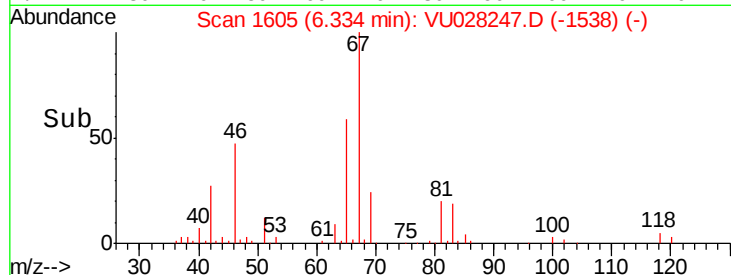
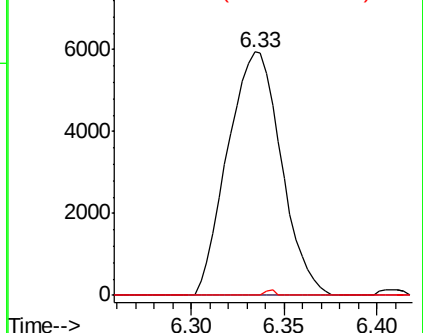
#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028247.D
Acq: 19 Nov 2018 12:05

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 11939
Ion Ratio Lower Upper
83 100
55 0.0 73.2 109.8#
98 0.4 33.4 50.2#

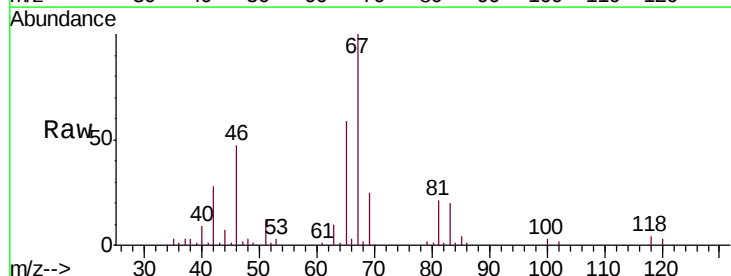


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

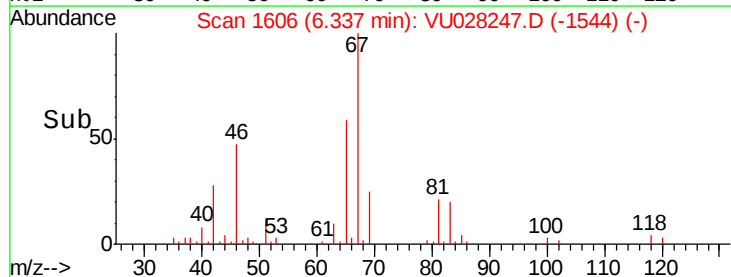
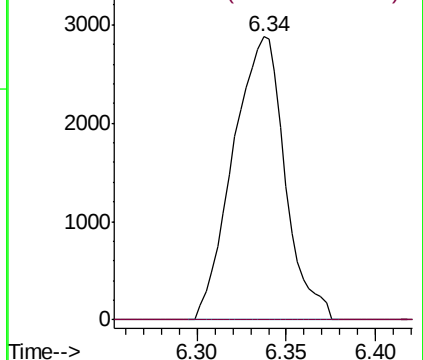


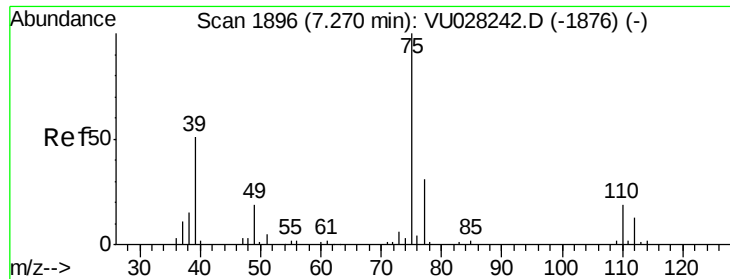
#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU028247.D
Acq: 19 Nov 2018 12:05

Tgt Ion: 63 Resp: 5852
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

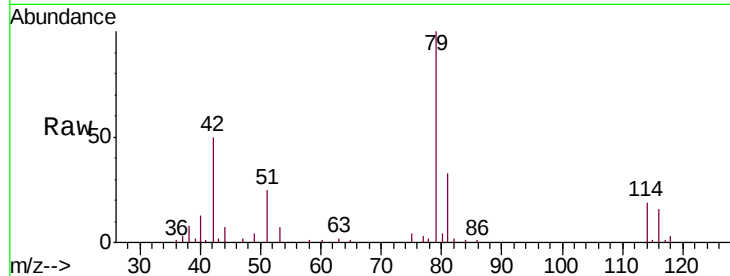




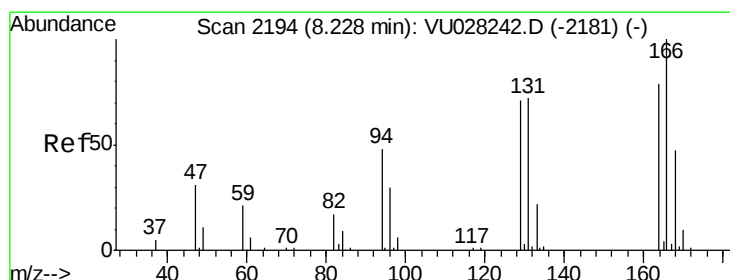
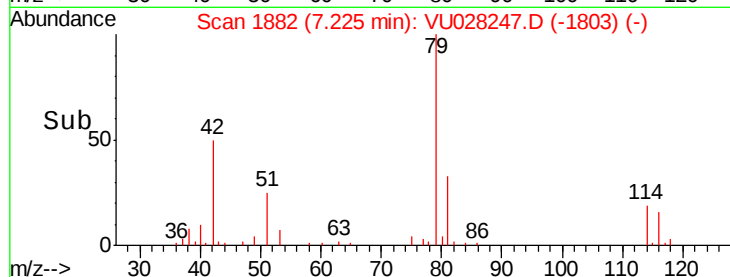
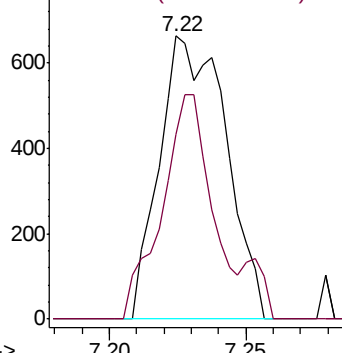
#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028247.D
 Acq: 19 Nov 2018 12:05

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Tgt Ion: 75 Resp: 1123
 Ion Ratio Lower Upper
 75 100
 77 65.2 21.7 40.3#

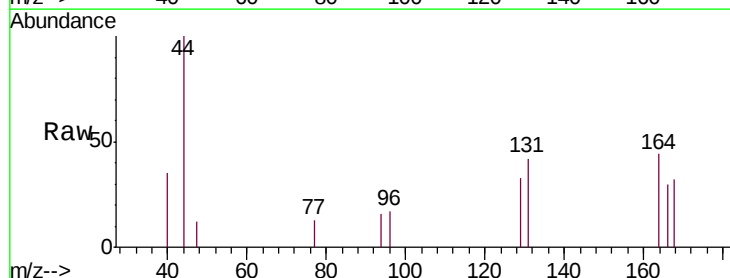


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

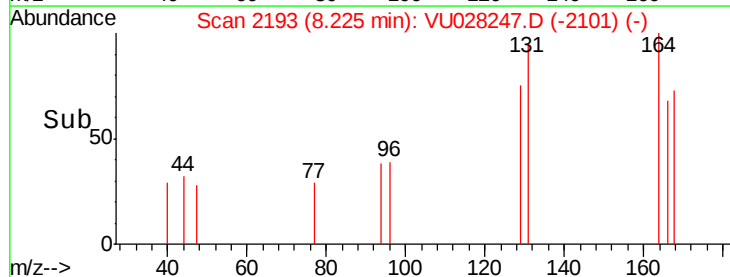
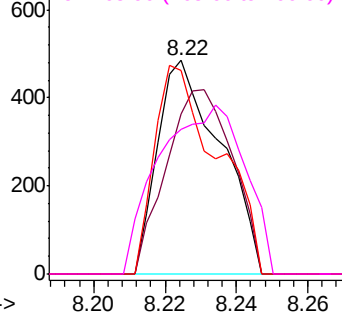


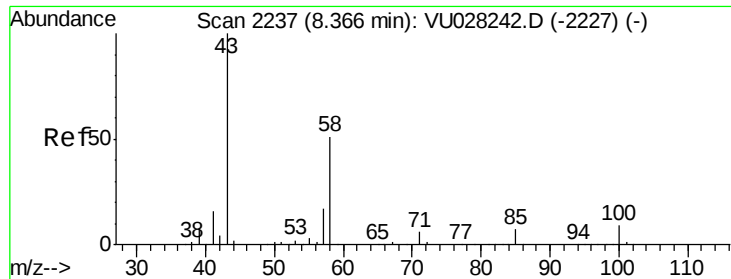
#47
 Tetrachloroethene
 Concen: 0.085 ug/L
 RT: 8.22 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU028247.D
 Acq: 19 Nov 2018 12:05

Tgt Ion:164 Resp: 588
 Ion Ratio Lower Upper
 164 100
 129 74.6 67.6 125.6
 131 95.1 66.3 123.1
 166 67.6 89.2 165.6#



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

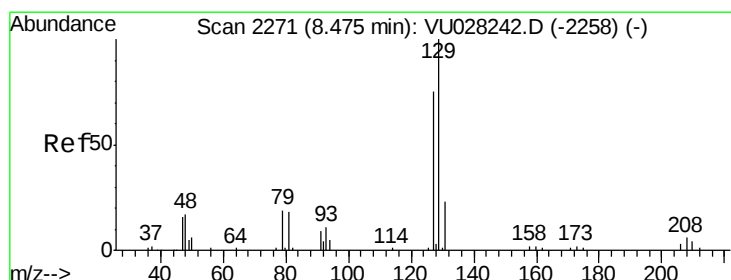
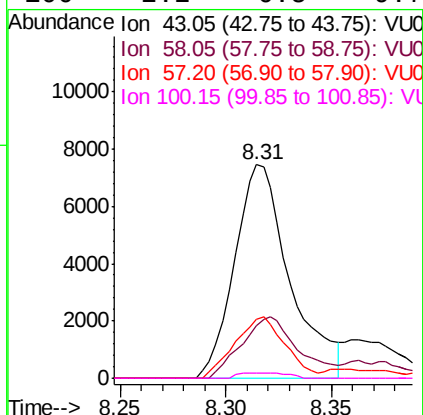
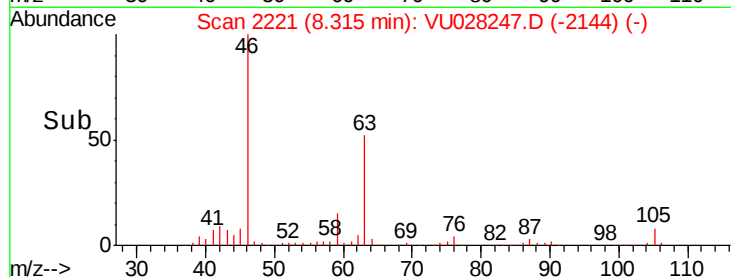
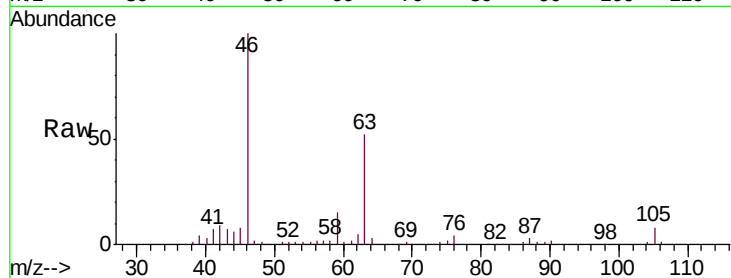




#48
2-Hexanone
Concen: 2.303 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028247.D
Acq: 19 Nov 2018 12:05

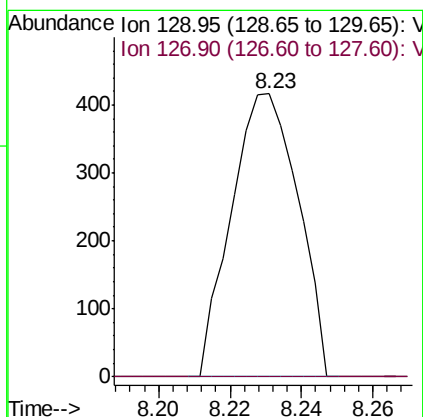
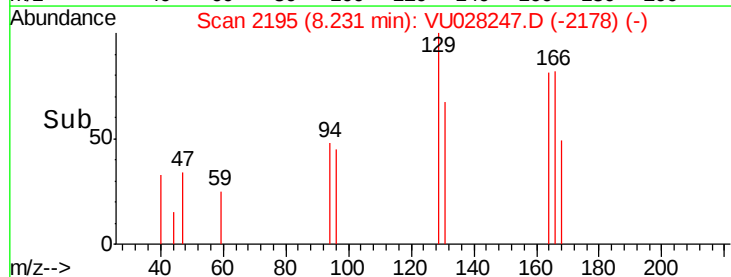
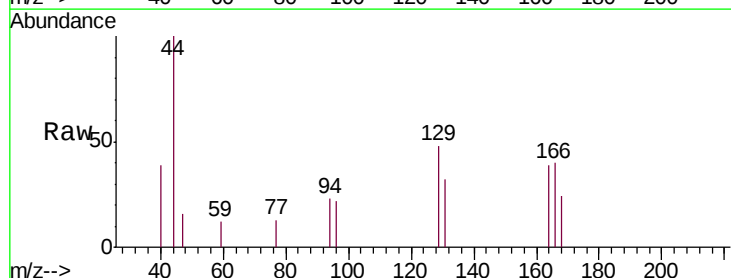
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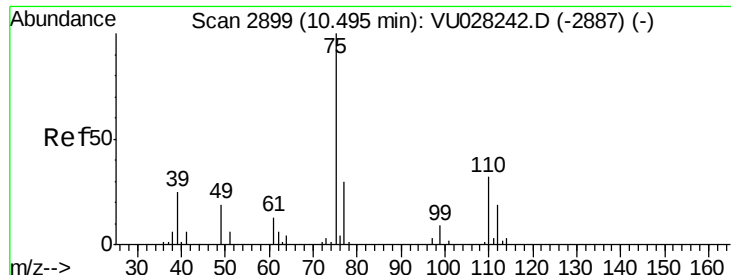
Tgt Ion: 43 Resp: 13591
Ion Ratio Lower Upper
43 100
58 29.4 41.1 61.7#
57 26.1 13.8 20.8#
100 2.2 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.076 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.24 min
Lab File: VU028247.D
Acq: 19 Nov 2018 12:05

Tgt Ion: 129 Resp: 539
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028247.D

Acq: 19 Nov 2018 12:05

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 8527

Ion Ratio Lower Upper

75 100

77 29.6 25.7 38.5

