

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028190.D
 Acq On : 16 Nov 2018 17:48
 Operator : MD/SY
 Sample : J5946-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:02:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156091	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50818	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	45757	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.28	63	77264	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.20	46	211727	56.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.72%
24) Chloroform-d	4.65	84	101393	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	58093	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	198088	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	74895	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.57	98	167929	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.85	79	20358	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.31	63	149984	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54703	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	58101	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

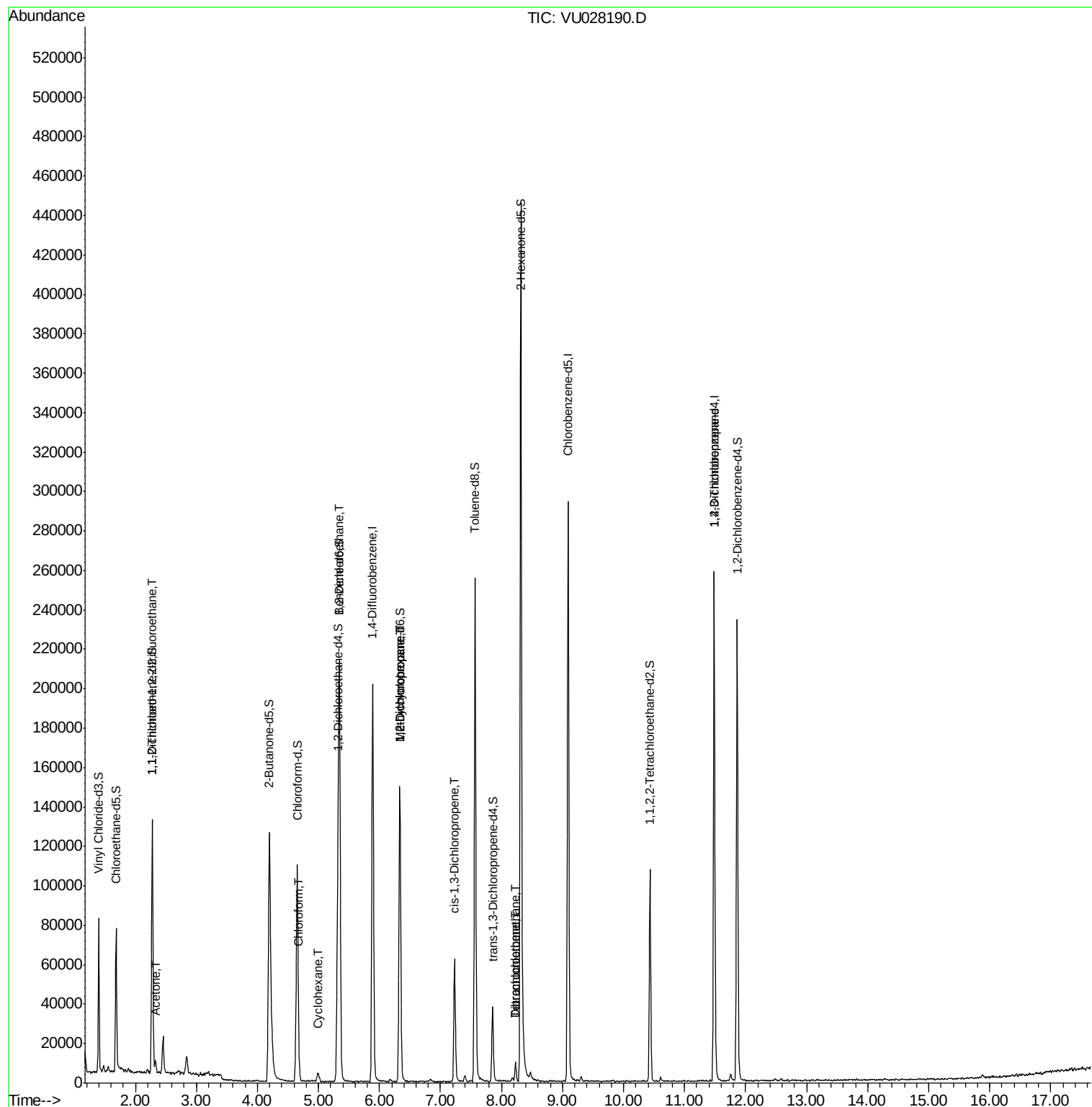
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	634	0.062	ug/L #	20
13) Acetone	2.33	43	6193	2.448	ug/L	90
25) Chloroform	4.68	83	905	0.043	ug/L	94
27) 1,2-Dichloroethane	5.34	62	1184	0.087	ug/L #	76
30) Cyclohexane	4.99	56	2249	0.096	ug/L #	92
35) Methylcyclohexane	6.33	83	15110	0.715	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8098	0.589	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1332	0.072	ug/L #	61
47) Tetrachloroethene	8.23	164	2073	0.207	ug/L	90
49) Dibromochloromethane	8.23	129	1811	0.205	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9149	1.184	ug/L #	88

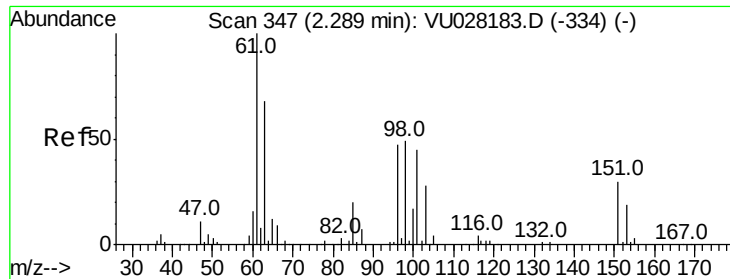
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.062 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028190.D

Acq: 16 Nov 2018 17:48

Instrument :

MSVOA_U

ClientSampled :

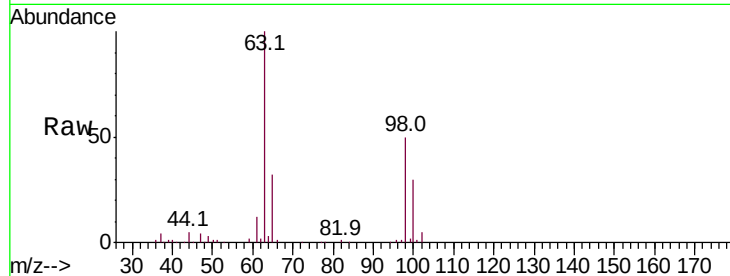
Tot Ion:101 Resp: 634

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

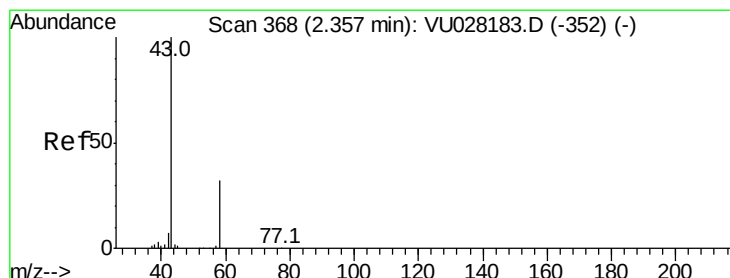
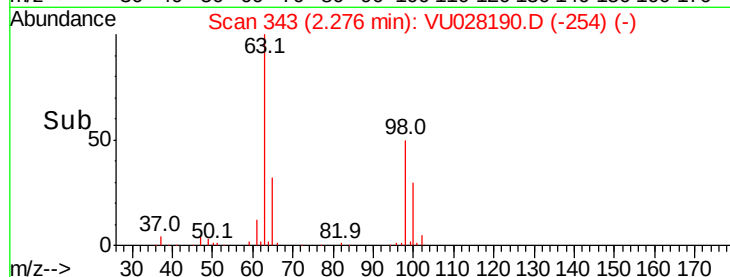
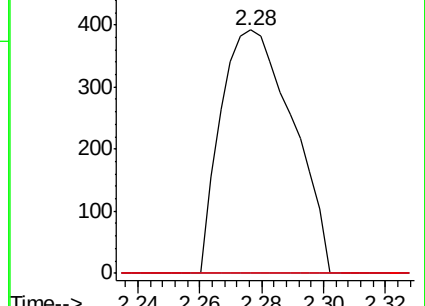
151 0.0 58.2 87.2#



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



#13

Acetone

Concen: 2.448 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.03 min

Lab File: VU028190.D

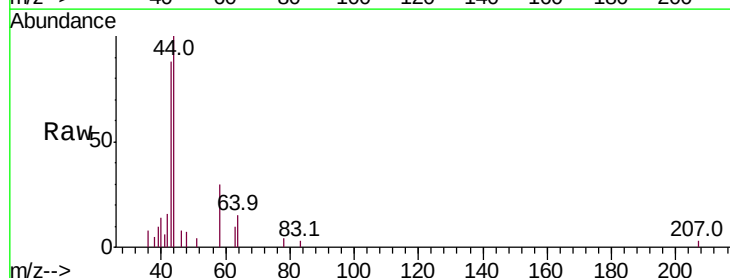
Acq: 16 Nov 2018 17:48

Tgt Ion: 43 Resp: 6193

Ion Ratio Lower Upper

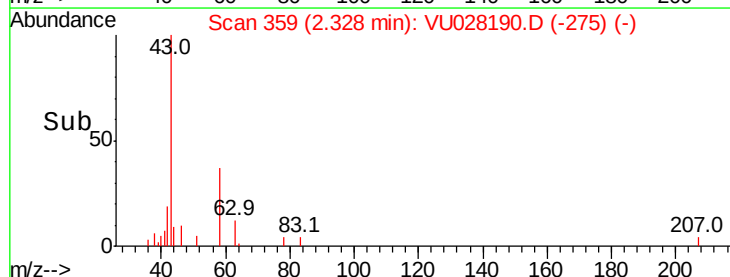
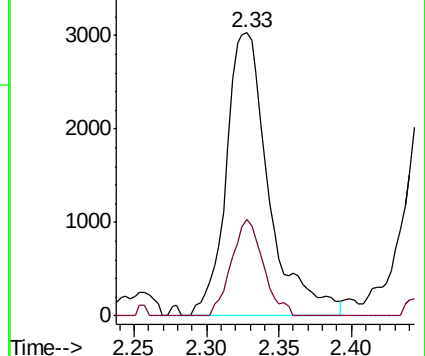
43 100

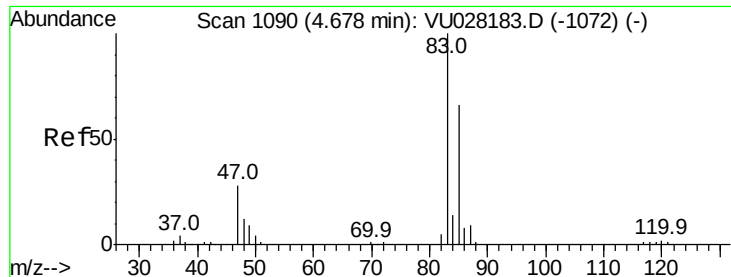
58 25.4 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

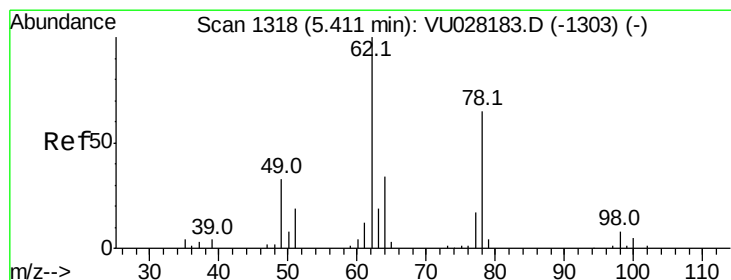
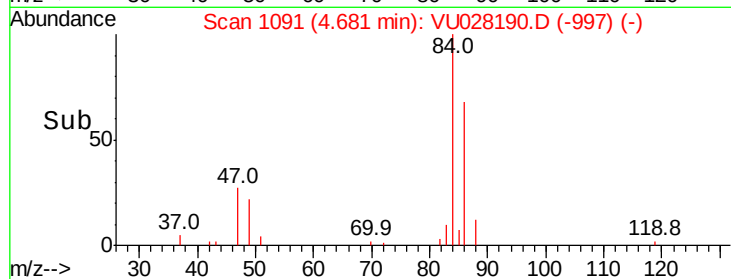
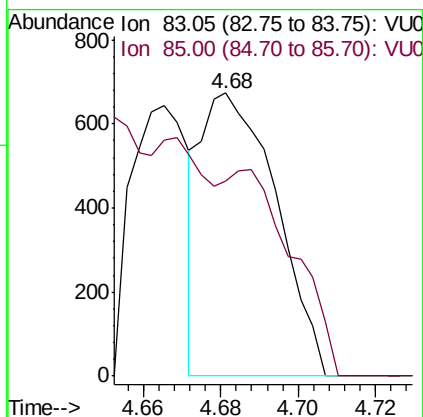
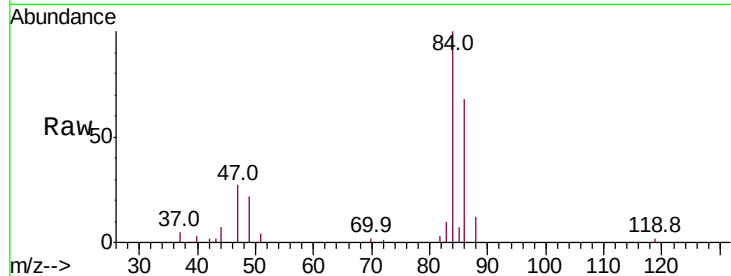




#25
Chloroform
Concen: 0.043 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU028190.D
Acq: 16 Nov 2018 17:48

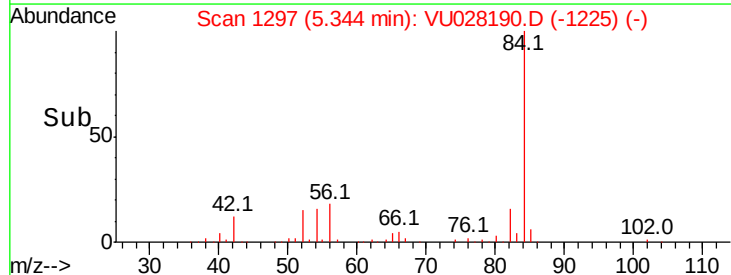
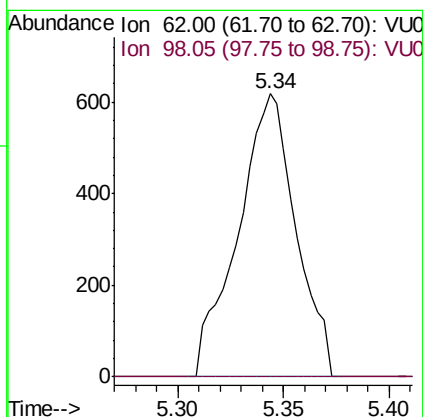
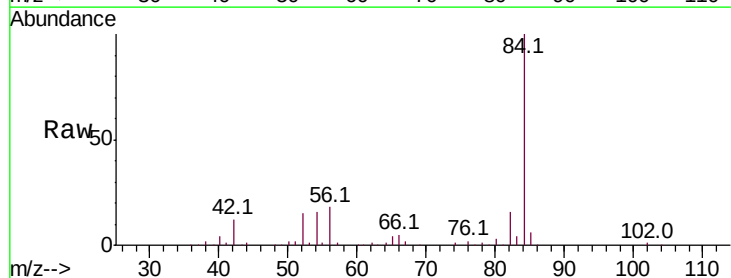
Instrument :
MSVOA_U
ClientSampleId :

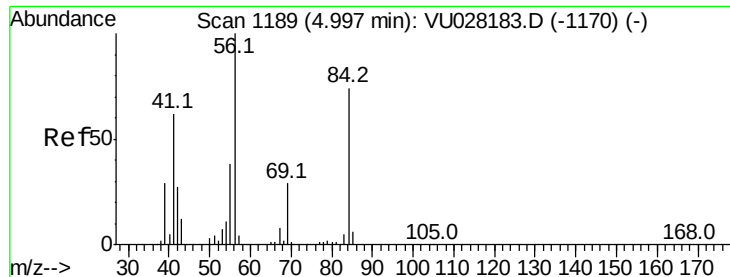
Tot Ion: 83 Resp: 905
Ion Ratio Lower Upper
83 100
85 68.8 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.07 min
Lab File: VU028190.D
Acq: 16 Nov 2018 17:48

Tgt Ion: 62 Resp: 1184
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#

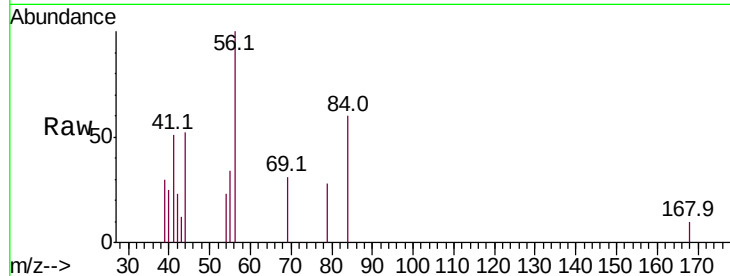




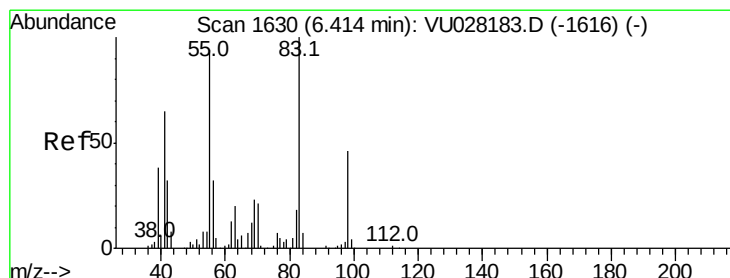
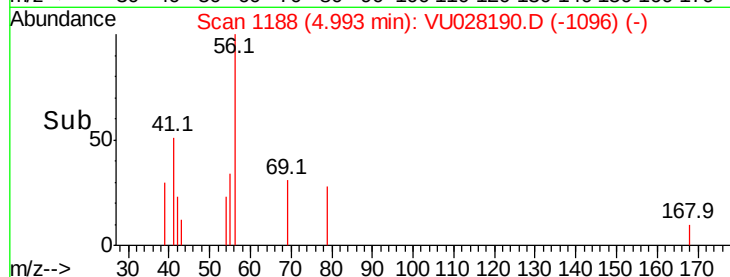
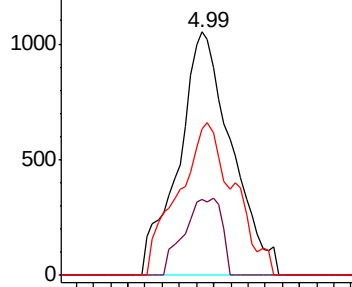
#30
Cyclohexane
Concen: 0.096 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028190.D
Acq: 16 Nov 2018 17:48

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 22.5 22.6 33.8#
84 66.3 57.7 86.5

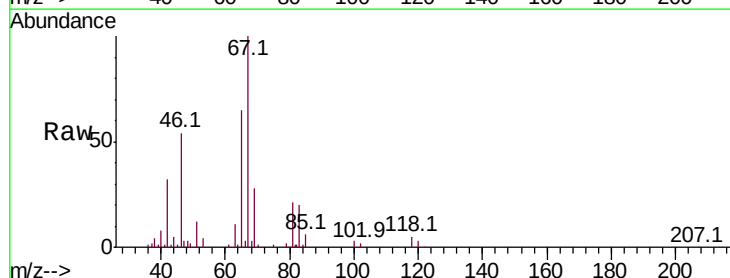


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

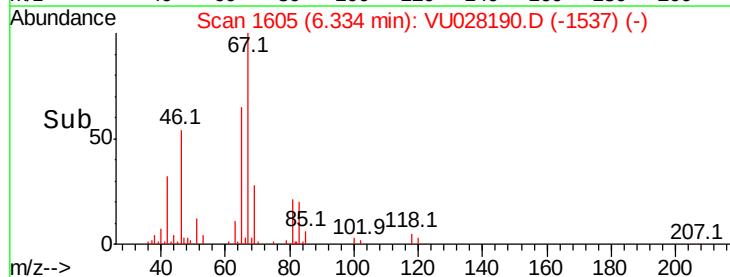
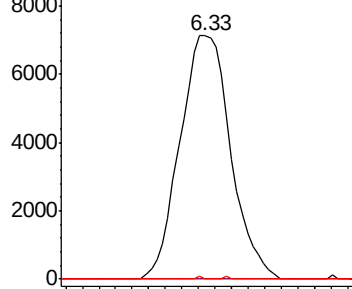


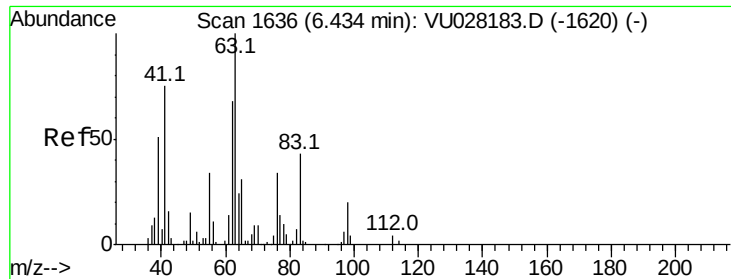
#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028190.D
Acq: 16 Nov 2018 17:48

Tgt Ion: 83 Resp: 15110
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.1 33.3 49.9#



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

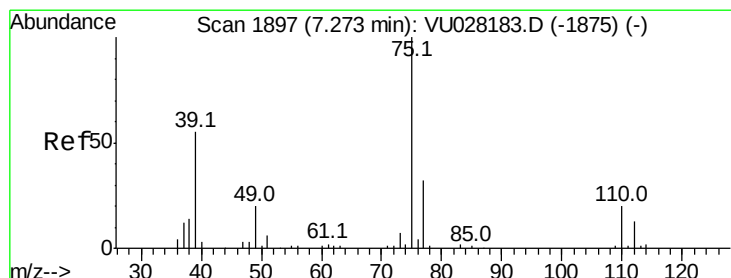
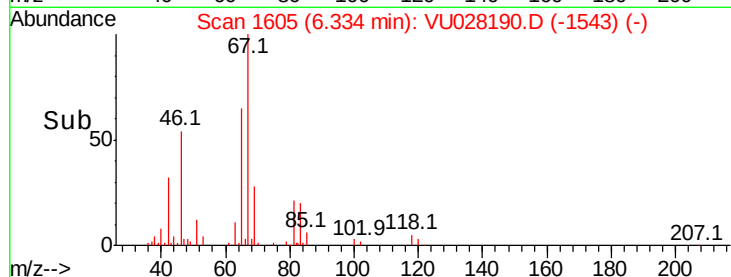
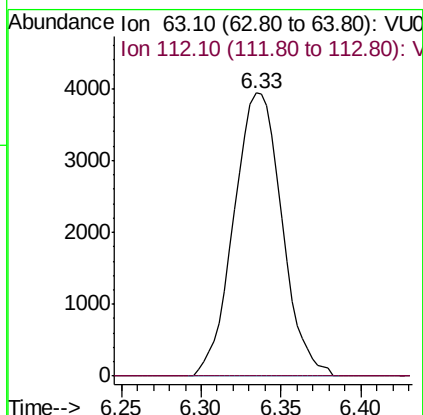
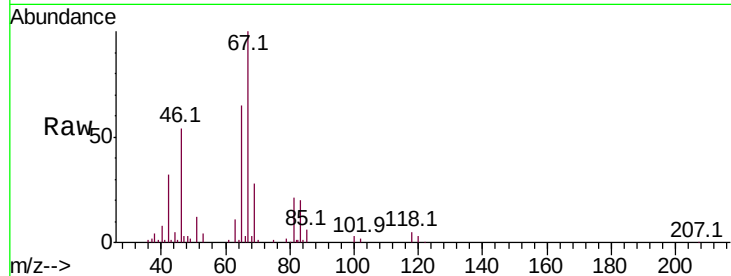




#37
 1,2-Dichloropropane
 Concen: 0.589 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028190.D
 Acq: 16 Nov 2018 17:48

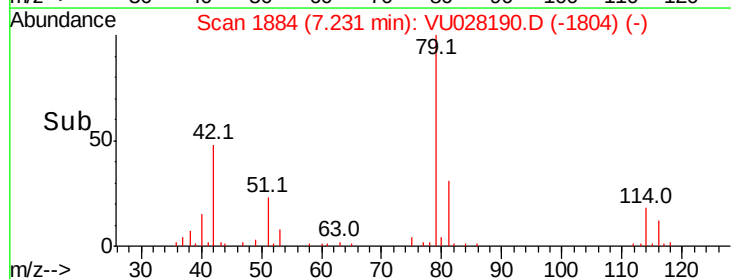
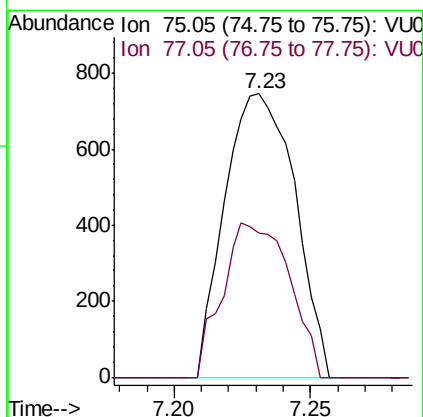
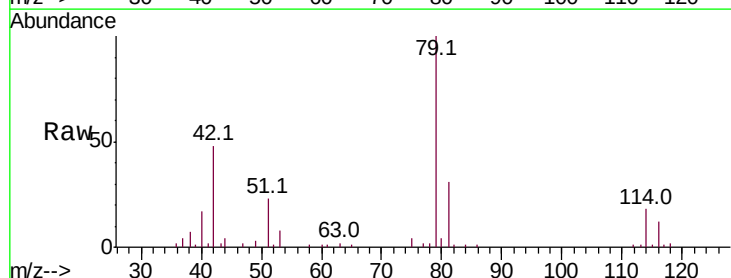
Instrument :
 MSVOA_U
 ClientSampleId :

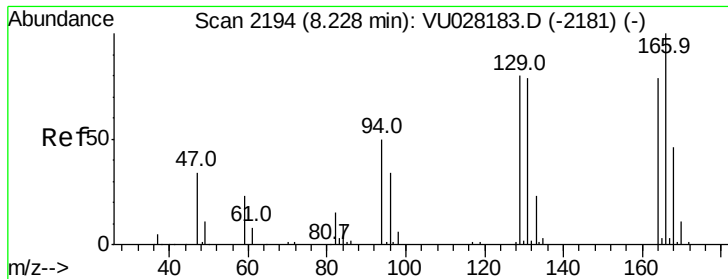
Tot Ion: 63 Resp: 8098
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028190.D
 Acq: 16 Nov 2018 17:48

Tgt Ion: 75 Resp: 1332
 Ion Ratio Lower Upper
 75 100
 77 50.9 20.9 38.9#

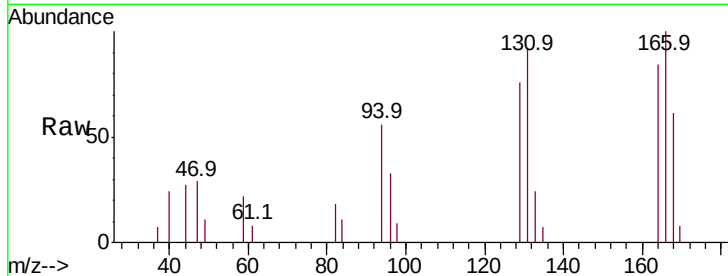




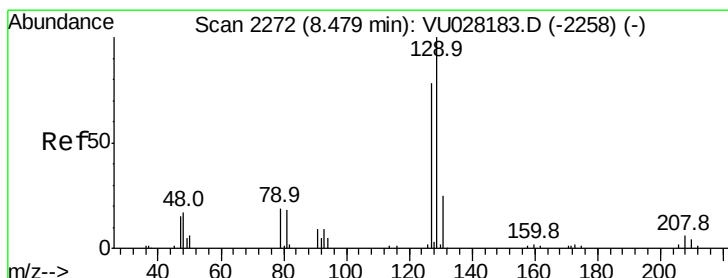
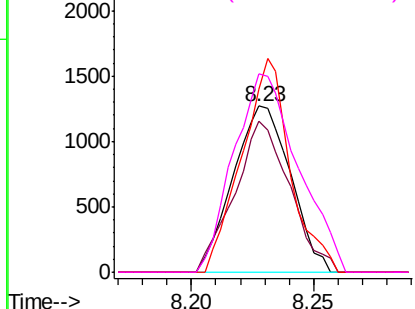
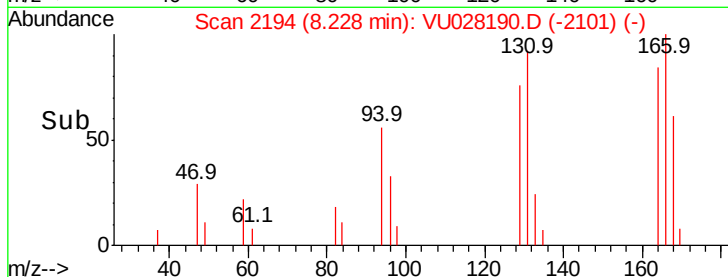
#47
Tetrachloroethene
Concen: 0.207 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028190.D
Acq: 16 Nov 2018 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 2073
Ion Ratio Lower Upper
164 100
129 90.6 69.7 129.4
131 110.6 64.0 118.8
166 119.6 86.4 160.4

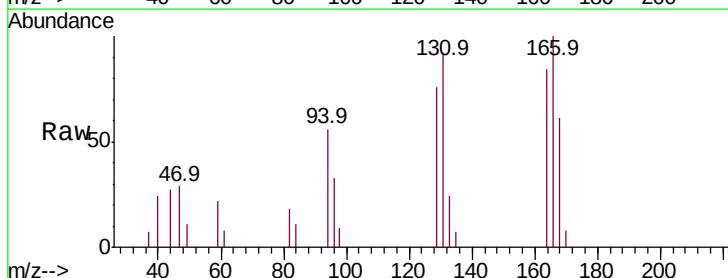


Abundance Ion 163.90 (163.60 to 164.60): V
2500 Ion 128.95 (128.65 to 129.65): V
2000 Ion 130.95 (130.65 to 131.65): V
1500 Ion 165.90 (165.60 to 166.60): V

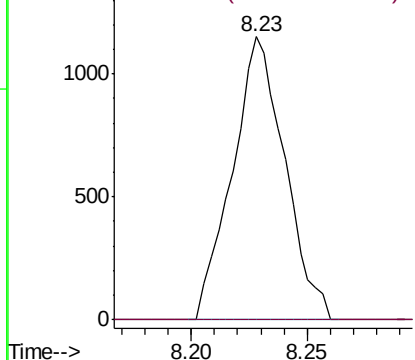
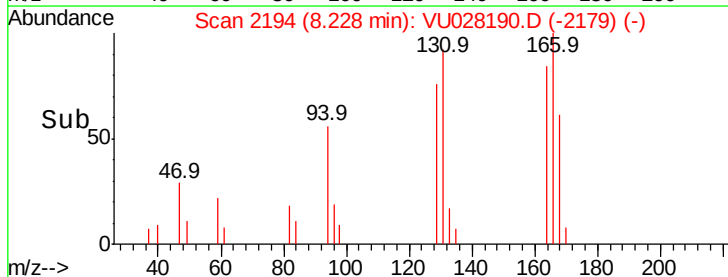


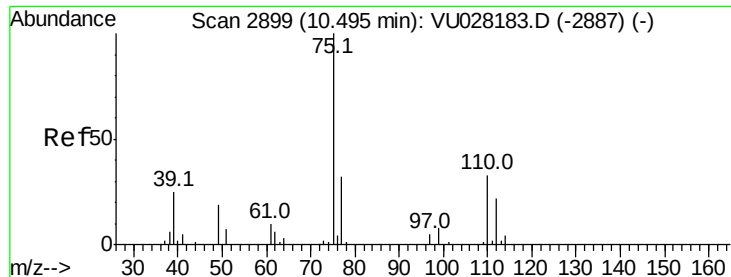
#49
Dibromochloromethane
Concen: 0.205 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028190.D
Acq: 16 Nov 2018 17:48

Tgt Ion:129 Resp: 1811
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V
1000 Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028190.D

Acq: 16 Nov 2018 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9149

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.0#

