

Data File : VU028179.D
Acq On : 15 Nov 2018 18:14
Operator : MD/SY
Sample : J5946-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9C10

Quant Time: Nov 16 00:51:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	163927	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70330	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50262	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.68	69	46105	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.28	63	77737	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.20	46	206443	52.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	4.65	84	99182	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	59282	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.34	84	197630	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.33	67	75563	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.57	98	172758	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.85	79	23252	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	154919	46.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54172	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	59160	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

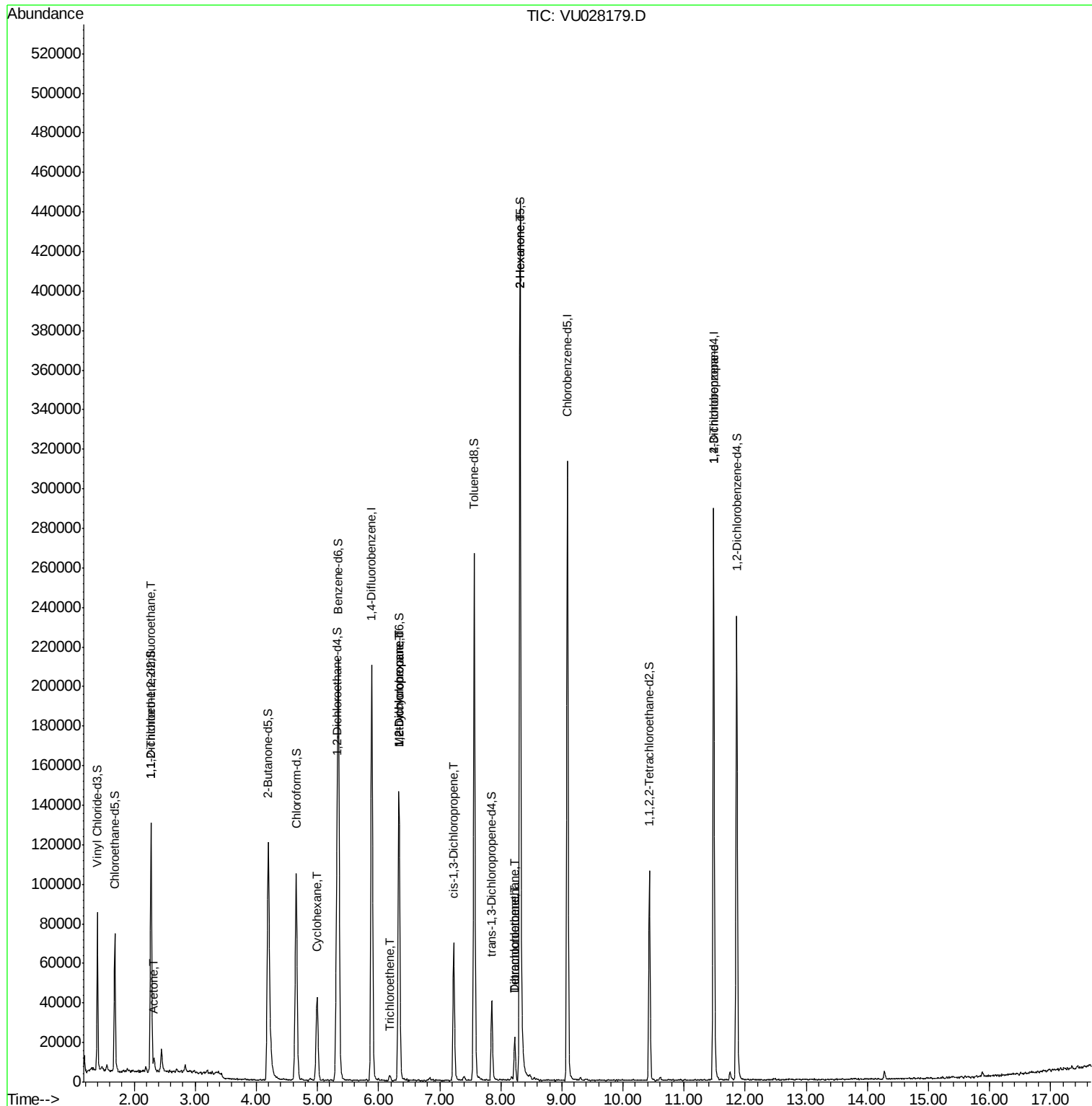
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	491	0.046	ug/L #	22
13) Acetone	2.32	43	5699	2.145	ug/L	91
30) Cyclohexane	5.00	56	22201	0.878	ug/L	96
34) Trichloroethene	6.19	95	834	0.063	ug/L #	85
35) Methylcyclohexane	6.33	83	14907	0.654	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7482	0.504	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1294	0.064	ug/L #	66
47) Tetrachloroethene	8.23	164	5120	0.475	ug/L	93
48) 2-Hexanone	8.31	43	19171	2.636	ug/L #	68
49) Dibromochloromethane	8.23	129	4660	0.488	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10135	1.216	ug/L	93

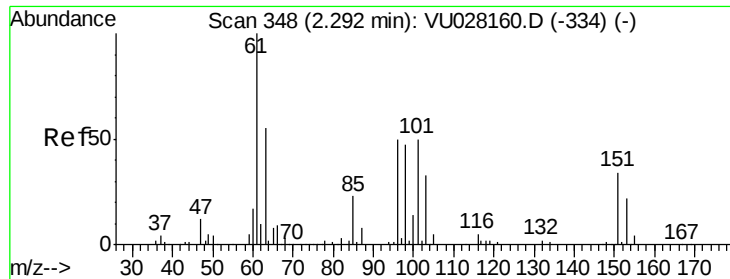
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.046 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028179.D

Acq: 15 Nov 2018 18:14

Instrument :

MSVOA_U

ClientSampled :

F9C10

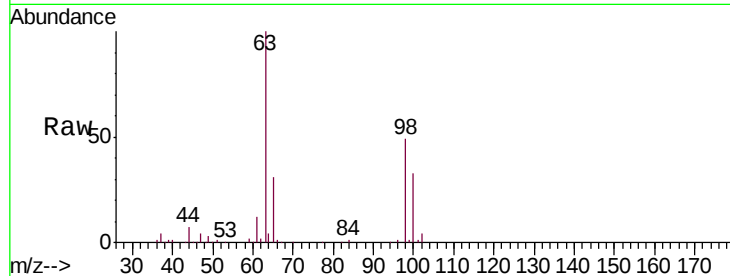
Tgt Ion:101 Resp: 491

Ion Ratio Lower Upper

101 100

85 3.9 37.6 56.4#

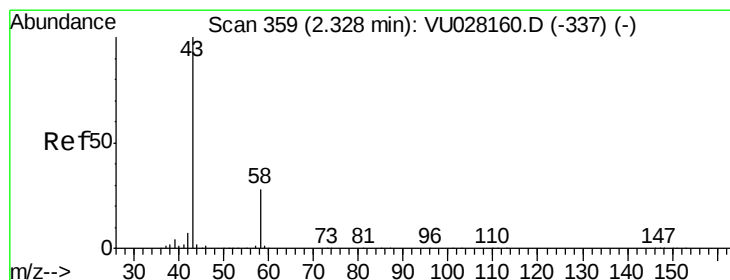
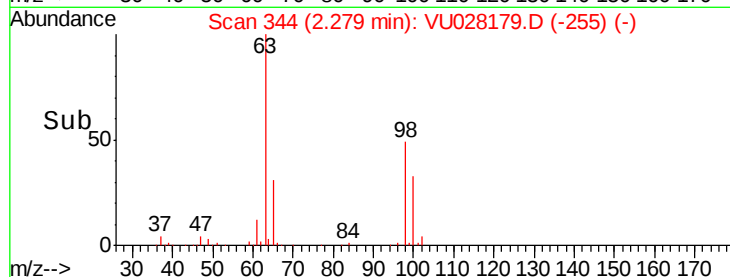
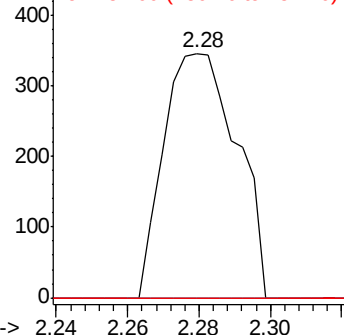
151 0.0 58.2 87.2#



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: 2.145 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028179.D

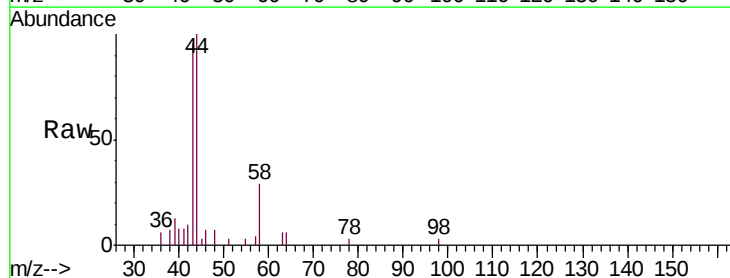
Acq: 15 Nov 2018 18:14

Tgt Ion: 43 Resp: 5699

Ion Ratio Lower Upper

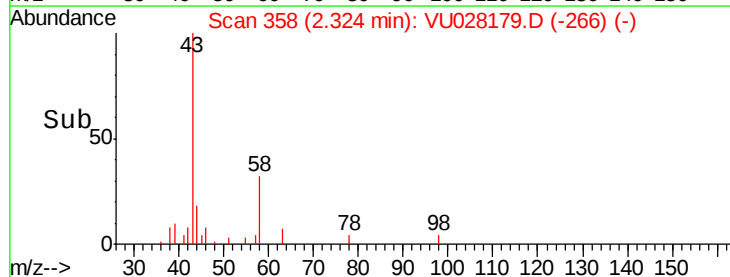
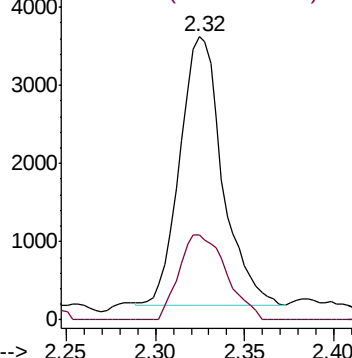
43 100

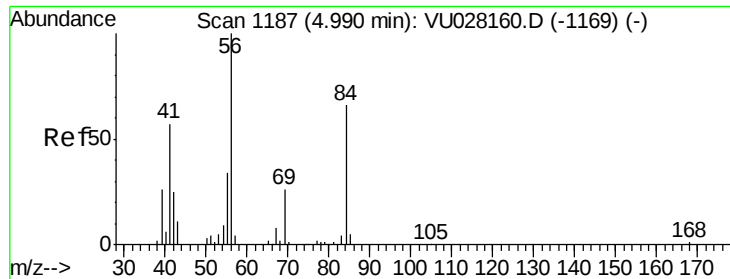
58 35.5 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

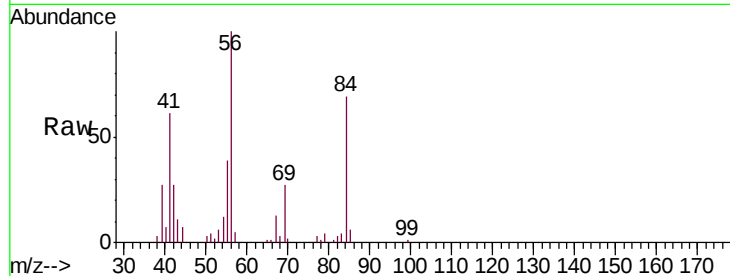




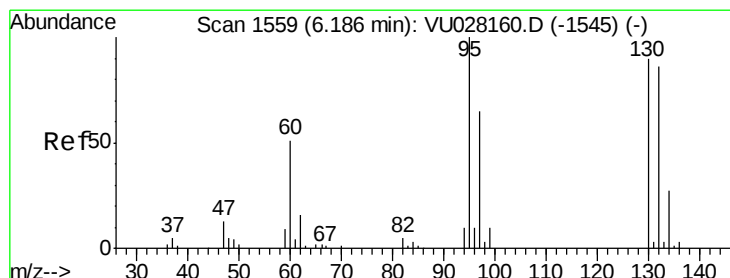
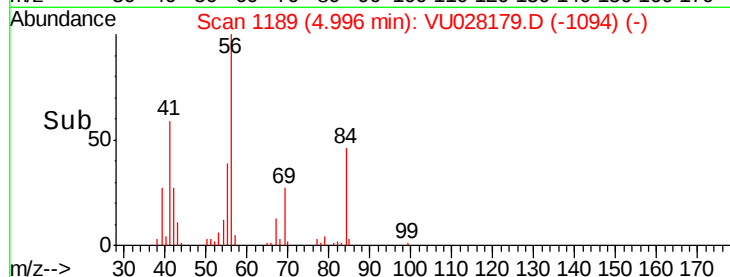
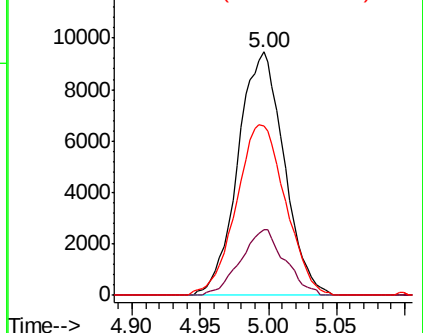
#30
Cyclohexane
Concen: 0.878 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Instrument :
MSVOA_U
ClientSampleId :
F9C10

Tgt Ion: 56 Resp: 22201
Ion Ratio Lower Upper
56 100
69 25.7 22.6 33.8
84 74.7 57.7 86.5

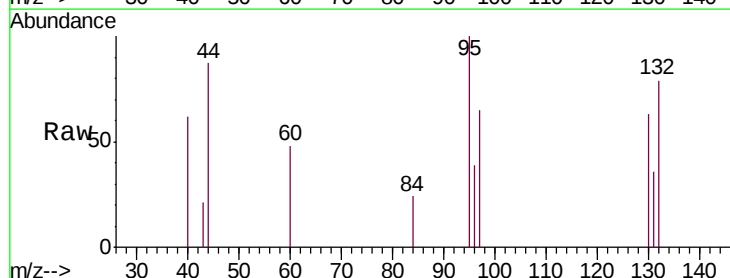


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

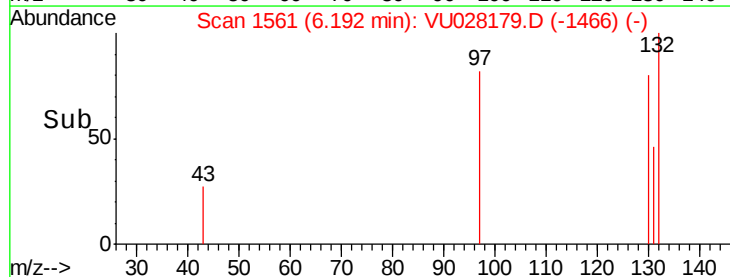
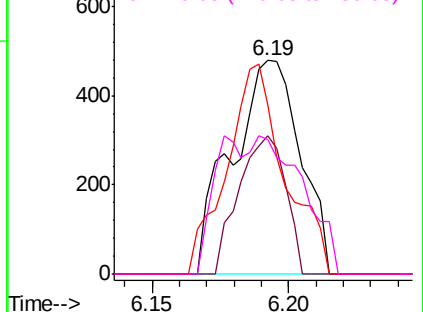


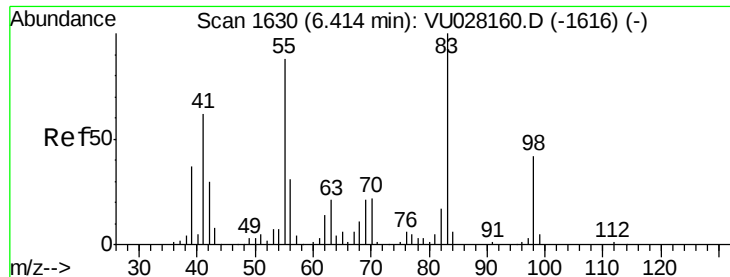
#34
Trichloroethene
Concen: 0.063 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Tgt Ion: 95 Resp: 834
Ion Ratio Lower Upper
95 100
97 64.5 45.3 84.1
132 79.1 63.0 117.0
130 63.0 63.6 118.2#



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

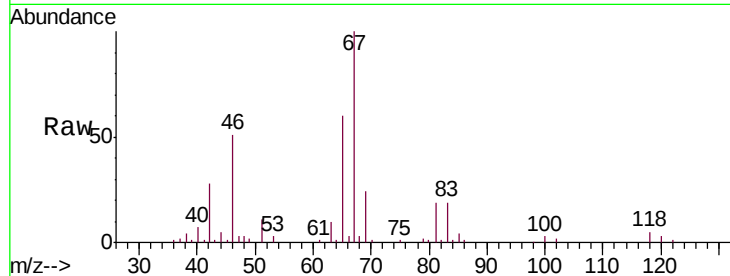




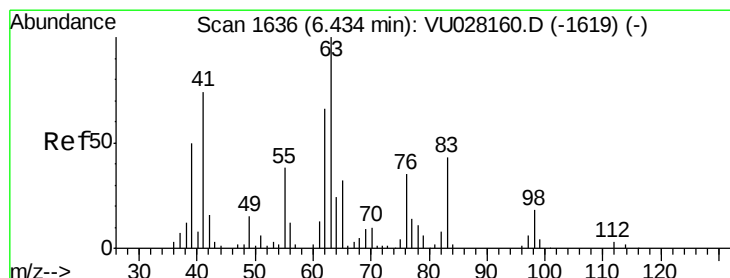
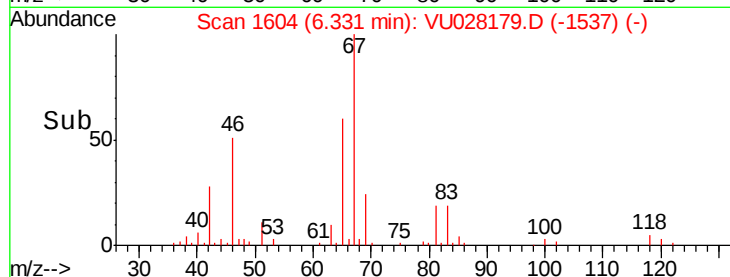
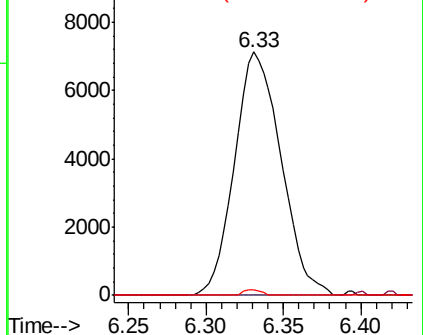
#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Instrument :
MSVOA_U
ClientSampleId :
F9C10

Tgt Ion: 83 Resp: 14907
Ion Ratio Lower Upper
83 100
55 0.3 69.0 103.4#
98 0.9 33.3 49.9#

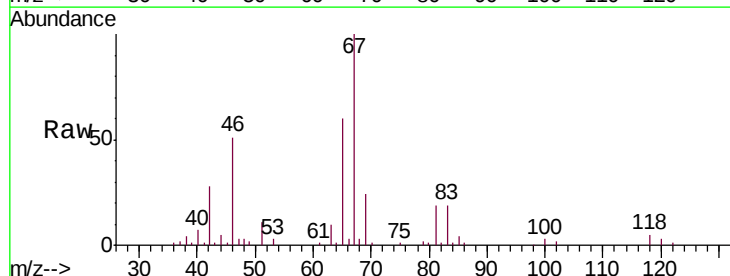


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

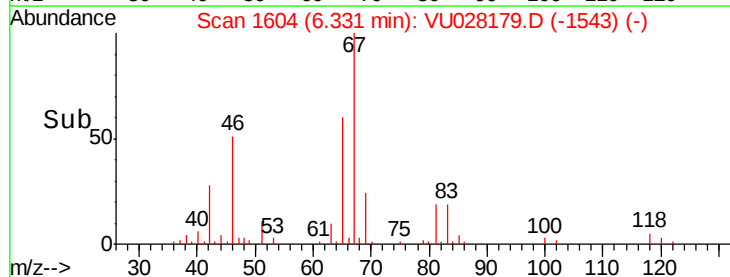
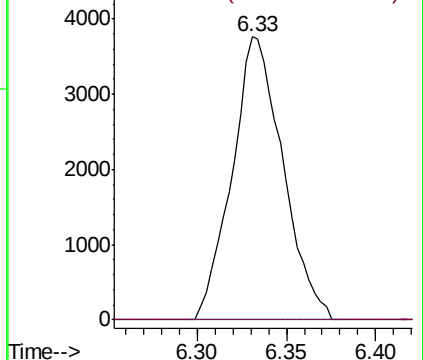


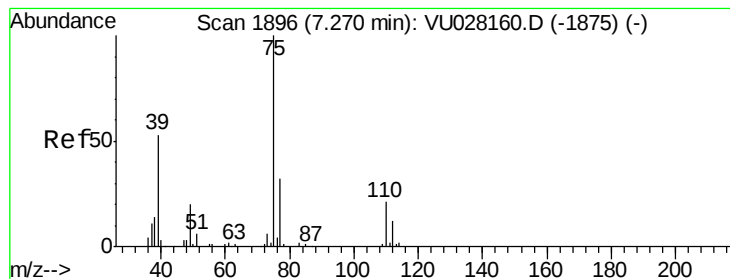
#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Tgt Ion: 63 Resp: 7482
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



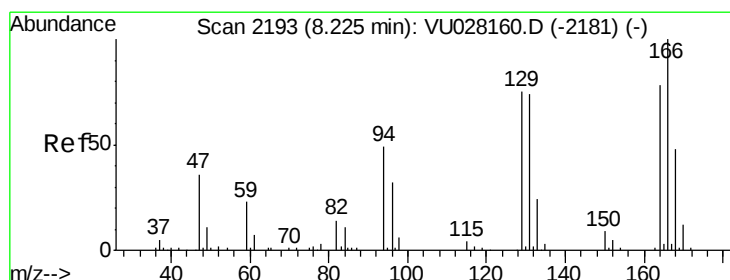
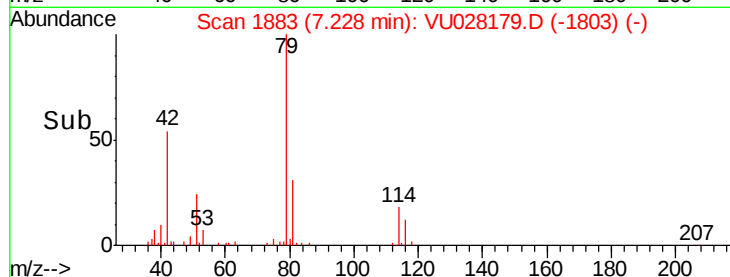
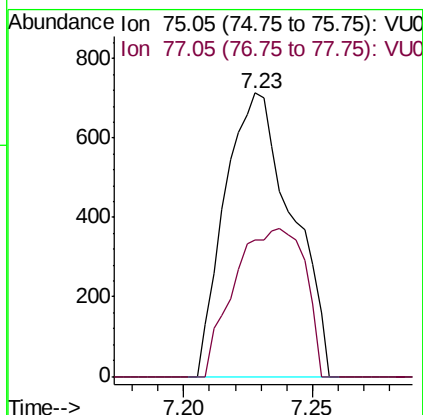
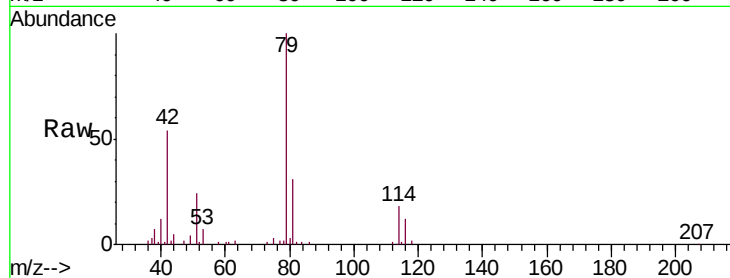


#39

cis-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Instrument :
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ClientSampleId :
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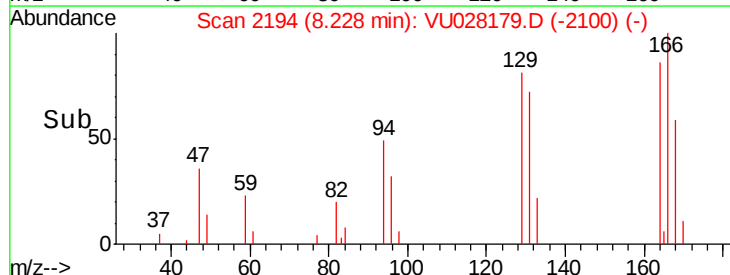
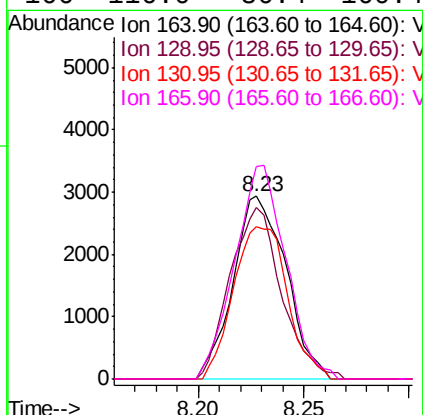
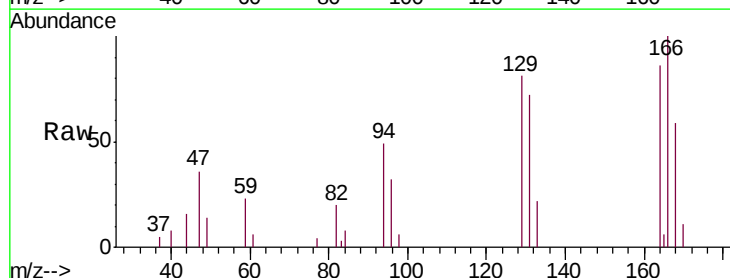
Tgt Ion: 75 Resp: 1294
Ion Ratio Lower Upper
75 100
77 48.2 20.9 38.9#

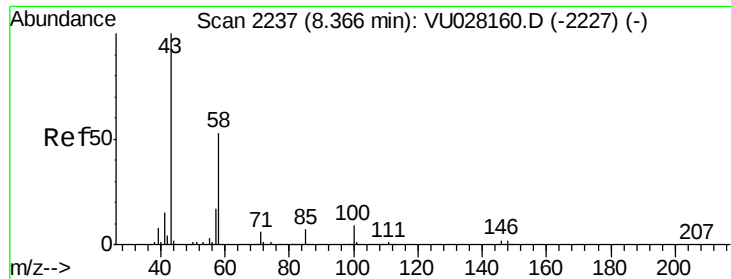


#47

Tetrachloroethene
Concen: 0.475 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Tgt Ion: 164 Resp: 5120
Ion Ratio Lower Upper
164 100
129 93.7 69.7 129.4
131 83.1 64.0 118.8
166 116.0 86.4 160.4

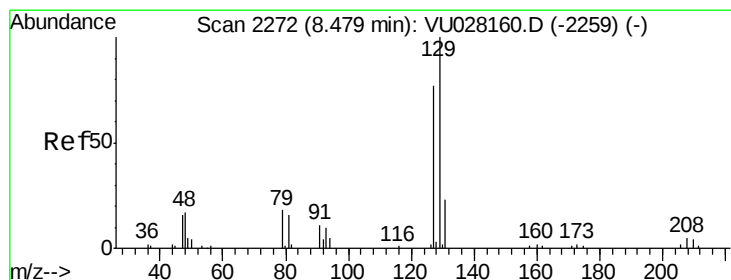
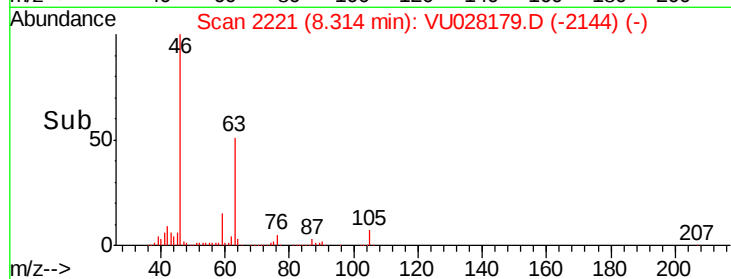
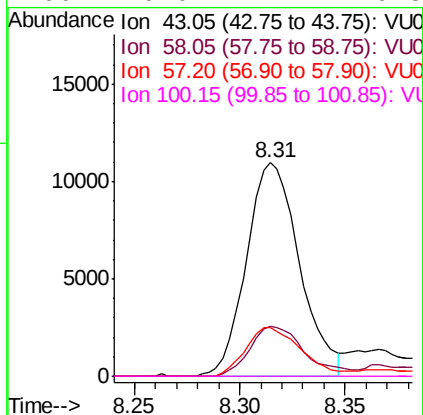
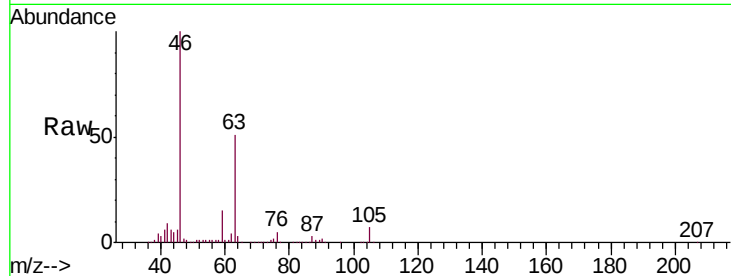




#48
2-Hexanone
Concen: 2.636 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

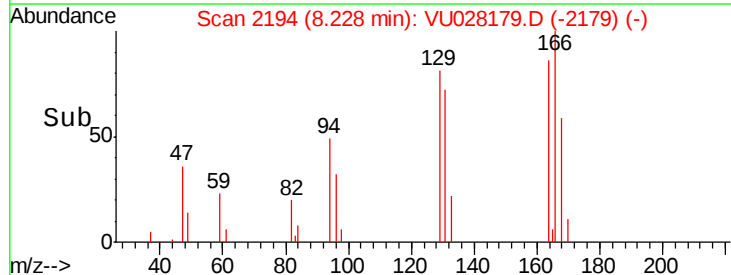
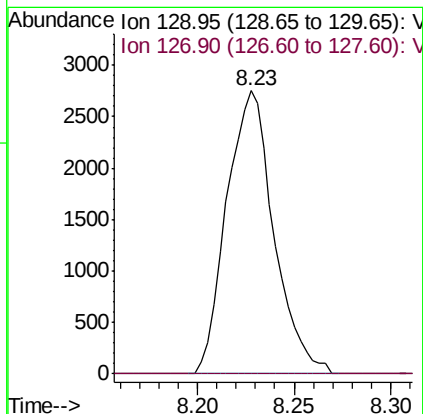
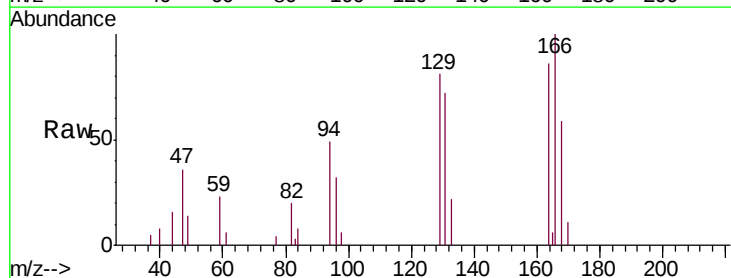
Instrument :
MSVOA_U
ClientSampleId :
F9C10

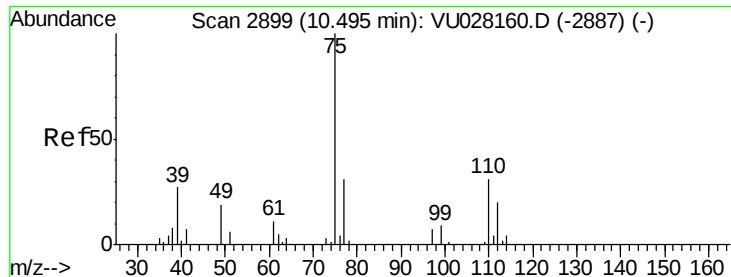
Tgt Ion: 43 Resp: 19171
Ion Ratio Lower Upper
43 100
58 24.2 41.7 62.5#
57 24.1 14.0 21.0#
100 0.0 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.488 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028179.D
Acq: 15 Nov 2018 18:14

Tgt Ion: 129 Resp: 4660
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028179.D

Acq: 15 Nov 2018 18:14

Instrument :

MSVOA_U

ClientSampleId :

F9C10

Tgt Ion: 75 Resp: 10135

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0

