

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028136.D
 Acq On : 14 Nov 2018 21:21
 Operator : MD/SY
 Sample : J5948-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C44

Quant Time: Nov 15 04:31:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	128066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49455	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	40095	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.28	63	70573	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.19	46	164826	53.48	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	4.65	84	84849	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.31	65	49462	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.34	84	178580	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.33	67	63772	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.57	98	152523	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	19632	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.31	63	128093	50.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45035	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	52228	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

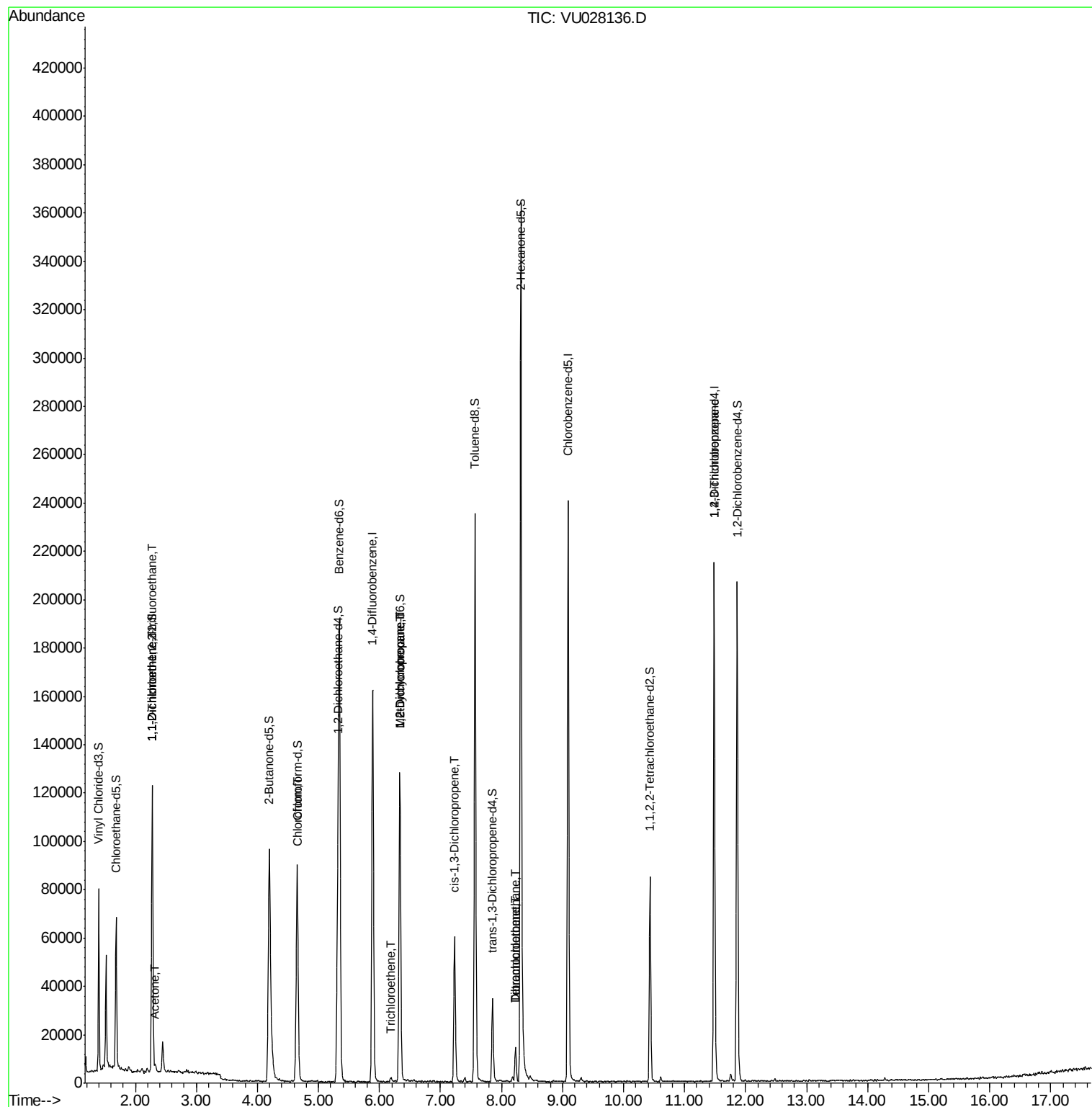
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	627	0.075	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	577	0.068	ug/L #	1
13) Acetone	2.32	43	2447	1.179	ug/L	91
25) Chloroform	4.67	83	783	0.046	ug/L #	57
34) Trichloroethene	6.19	95	656	0.064	ug/L	81
35) Methylcyclohexane	6.33	83	13524	0.772	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	6686	0.586	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1209	0.078	ug/L #	1
47) Tetrachloroethene	8.23	164	3018	0.364	ug/L	96
49) Dibromochloromethane	8.23	129	2902	0.396	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	7380	1.153	ug/L #	86

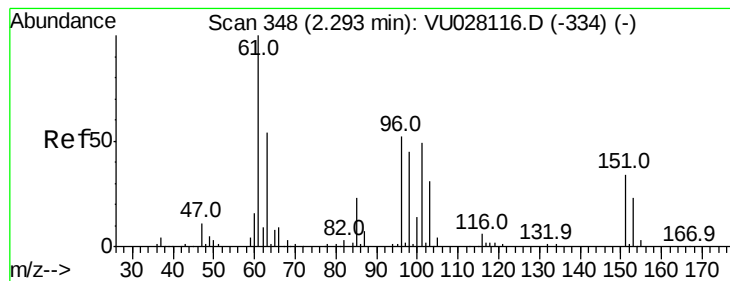
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.075 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028136.D

Acq: 14 Nov 2018 21:21

Instrument :

MSVOA_U

ClientSampled :

F9C44

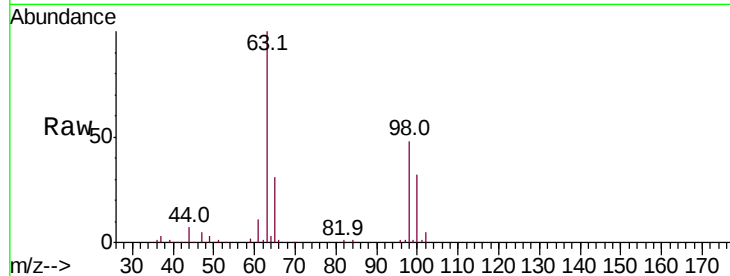
Tot Ion:101 Resp: 627

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

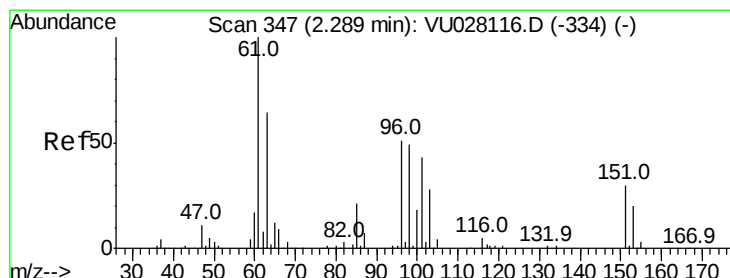
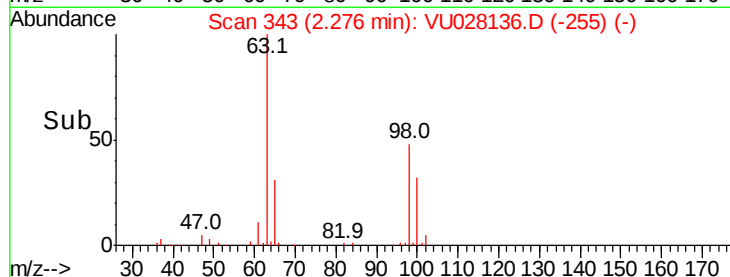
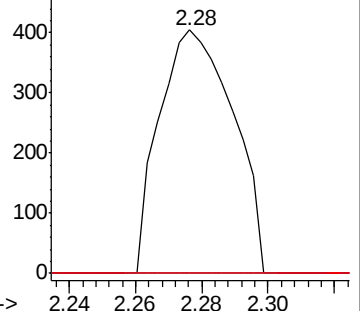
151 0.0 58.2 87.2#



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



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028136.D

Acq: 14 Nov 2018 21:21

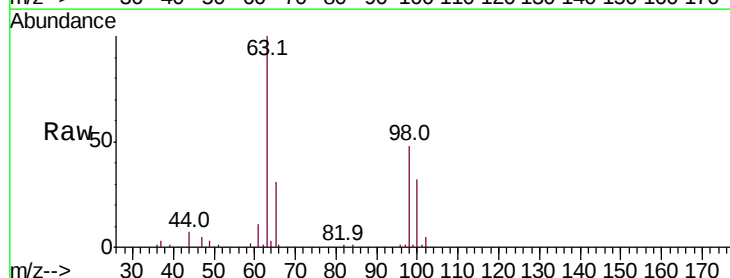
Tgt Ion: 96 Resp: 577

Ion Ratio Lower Upper

96 100

61 1335.2 134.8 250.3#

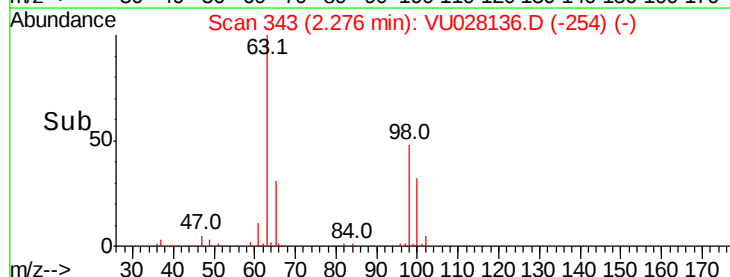
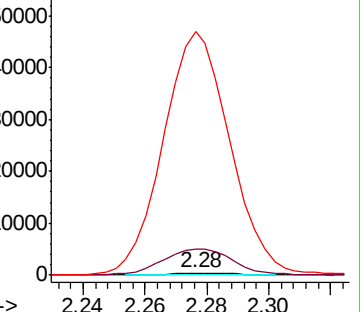
63 12252.7 100.1 185.9#

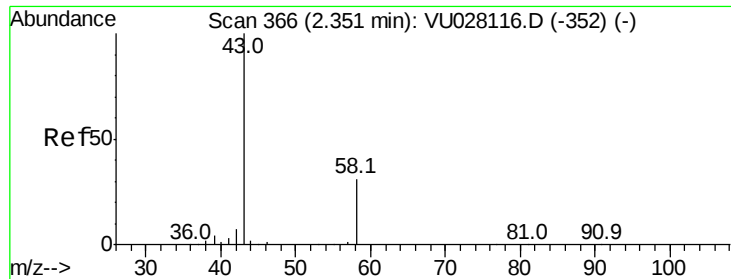


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.179 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028136.D

Acq: 14 Nov 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

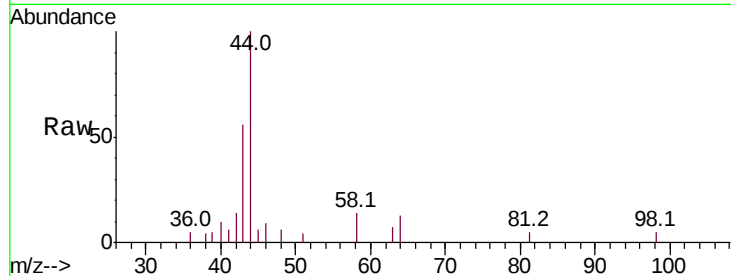
F9C44

Tot Ion: 43 Resp: 2447

Ion Ratio Lower Upper

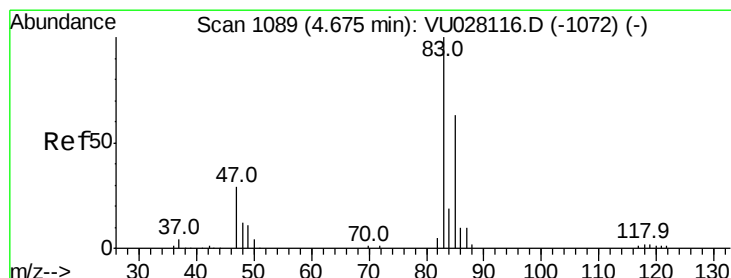
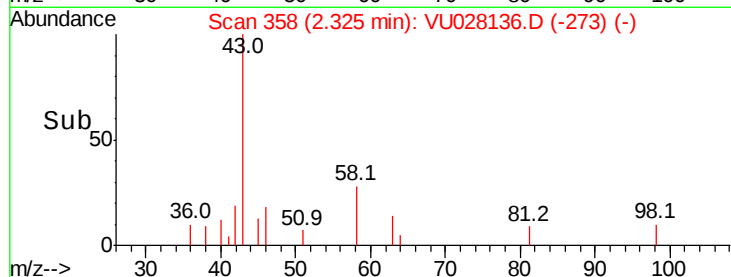
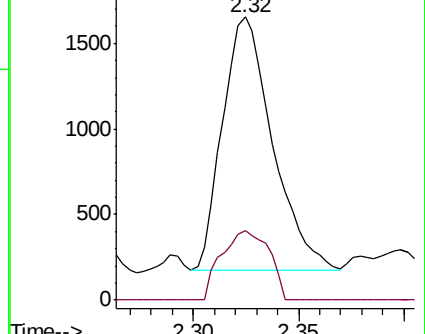
43 100

58 25.9 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: 0.046 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU028136.D

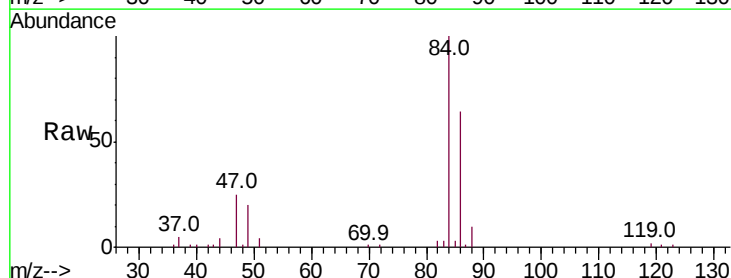
Acq: 14 Nov 2018 21:21

Tgt Ion: 83 Resp: 783

Ion Ratio Lower Upper

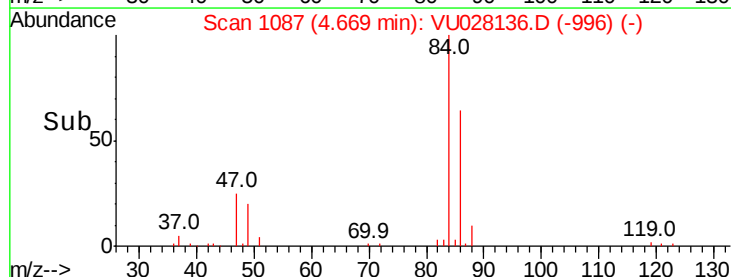
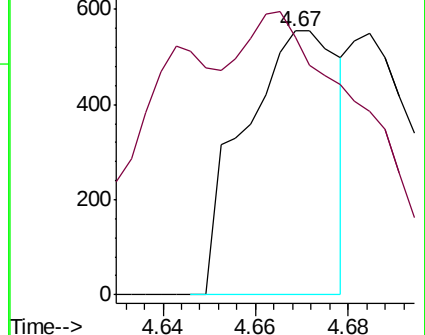
83 100

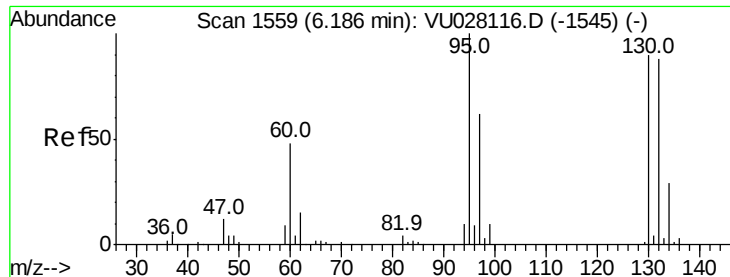
85 97.7 45.0 83.6#



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.064 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028136.D

Acq: 14 Nov 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

F9C44

Tot Ion: 95 Resp: 656

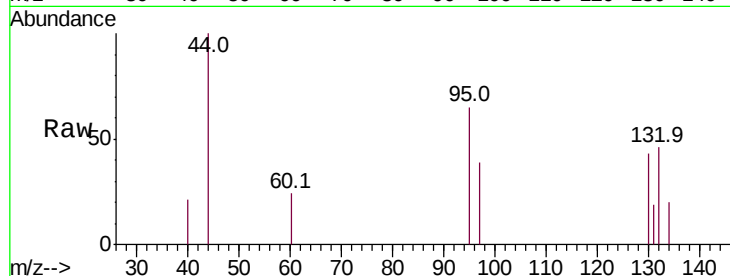
Ion Ratio Lower Upper

95 100

97 60.1 45.3 84.1

132 70.3 63.0 117.0

130 65.5 63.6 118.2

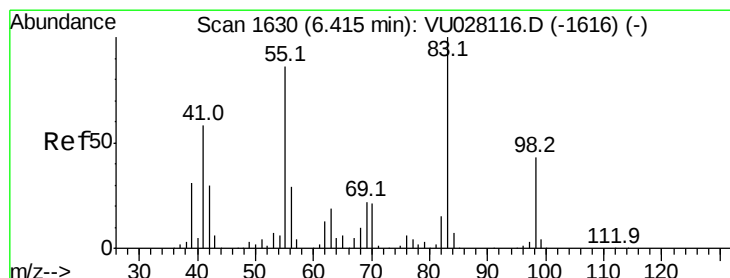
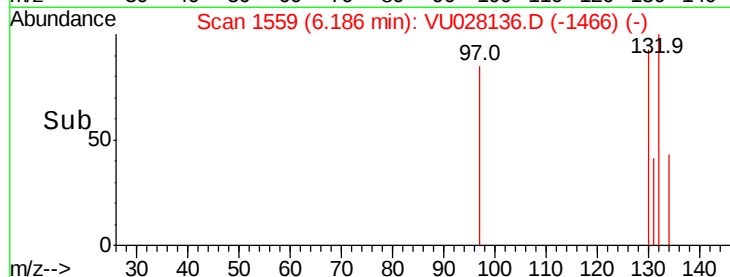
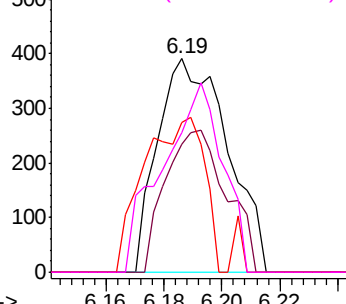


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.772 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028136.D

Acq: 14 Nov 2018 21:21

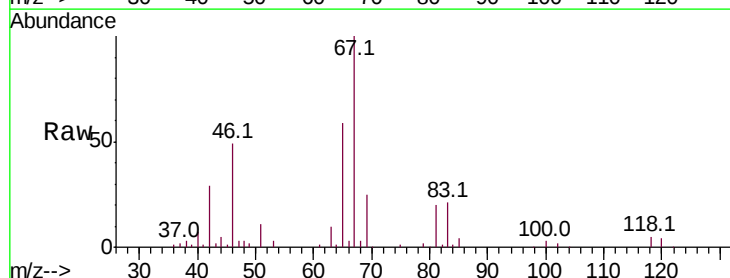
Tgt Ion: 83 Resp: 13524

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

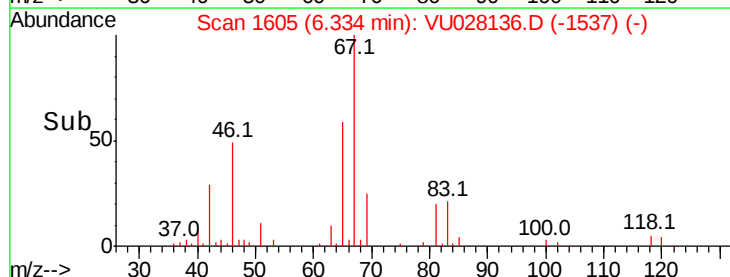
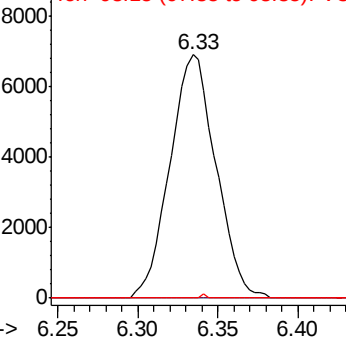
98 0.2 33.3 49.9#

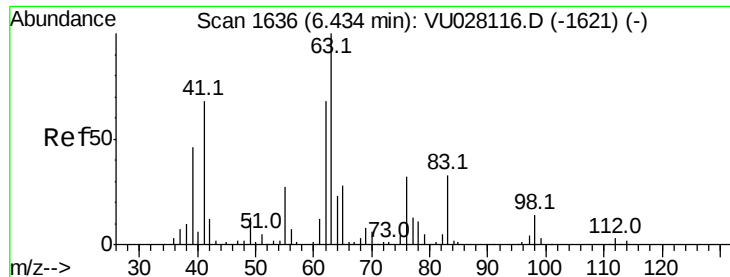


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

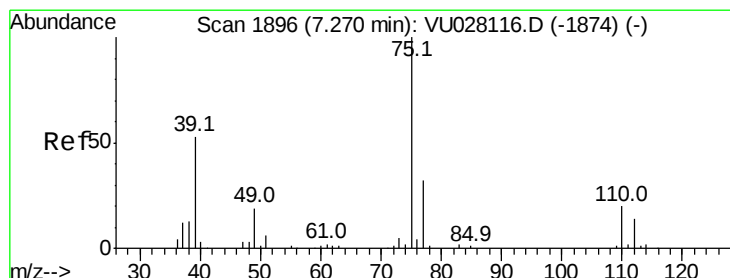
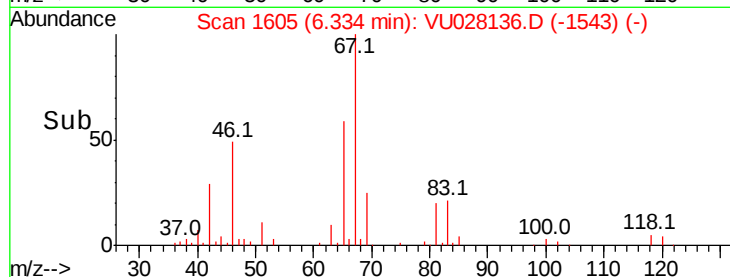
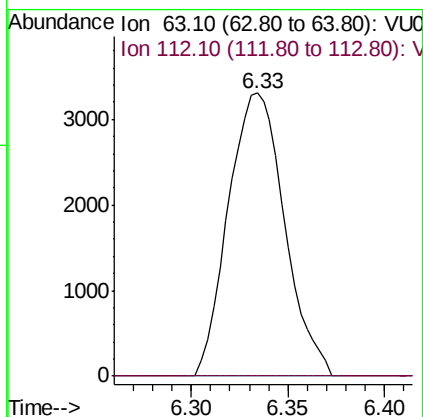
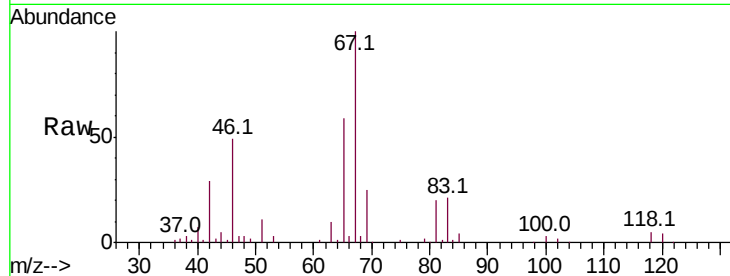




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028136.D
 Acq: 14 Nov 2018 21:21

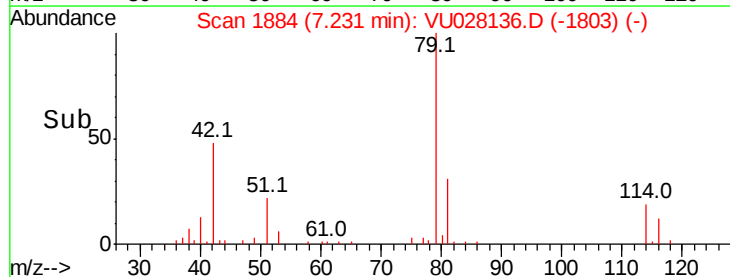
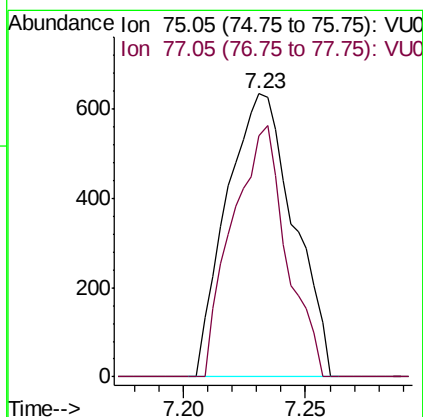
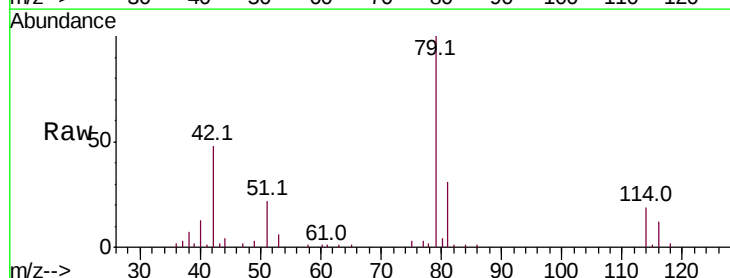
Instrument :
 MSVOA_U
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 F9C44

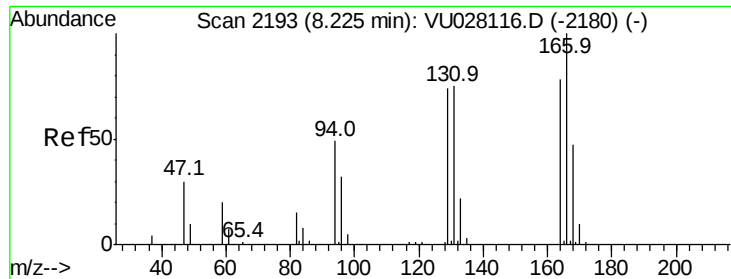
Tot Ion: 63 Resp: 6686
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028136.D
 Acq: 14 Nov 2018 21:21

Tgt Ion: 75 Resp: 1209
 Ion Ratio Lower Upper
 75 100
 77 85.0 20.9 38.9#





#47

Tetrachloroethene

Concen: 0.364 ug/L

RT: 8.23 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VU028136.D

Acq: 14 Nov 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

F9C44

Tot Ion:164 Resp: 3018

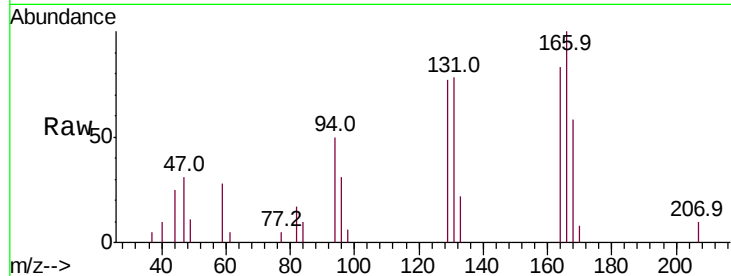
Ion Ratio Lower Upper

164 100

129 93.0 69.7 129.4

131 93.8 64.0 118.8

166 120.5 86.4 160.4

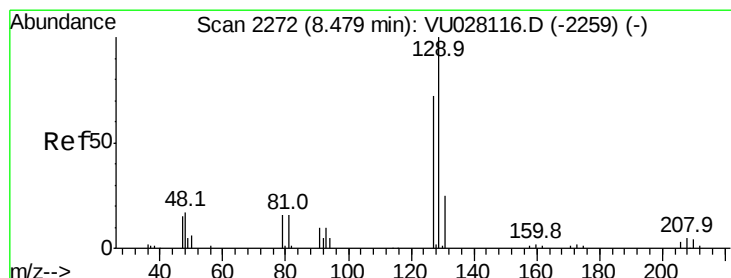
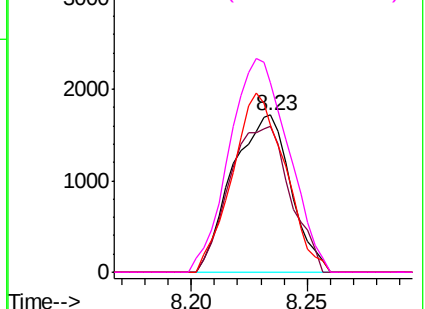
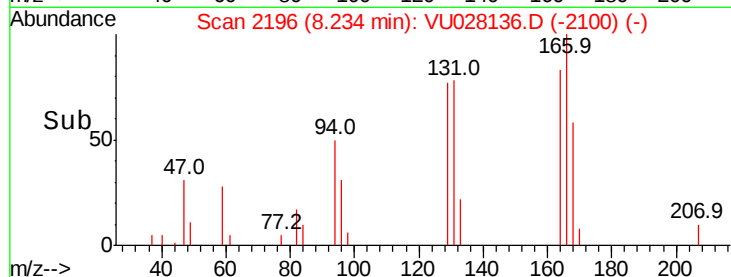


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.396 ug/L

RT: 8.23 min Scan# 2196

Delta R.T. -0.24 min

Lab File: VU028136.D

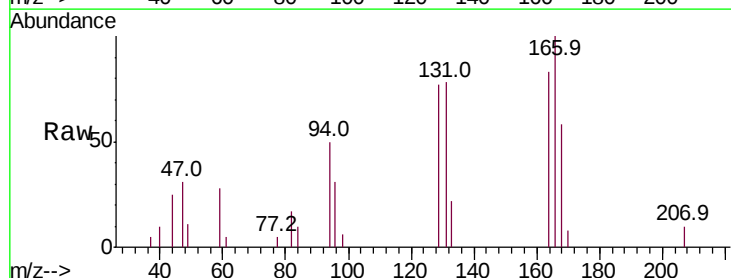
Acq: 14 Nov 2018 21:21

Tgt Ion:129 Resp: 2902

Ion Ratio Lower Upper

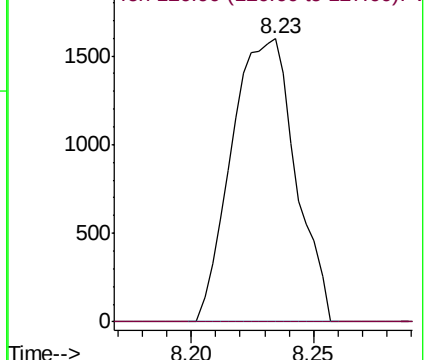
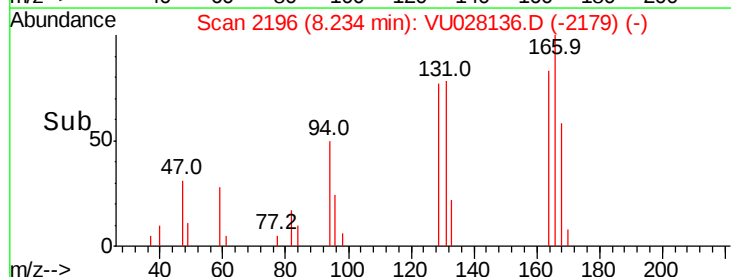
129 100

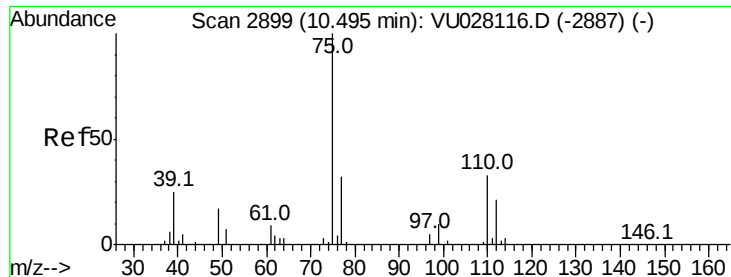
127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59
 1,2,3-Trichloropropane
 Concen: 1.153 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028136.D
 Acq: 14 Nov 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C44

Tot Ion: 75 Resp: 7380
 Ion Ratio Lower Upper
 75 100
 77 39.7 25.4 38.0#

