

Data File : VU028180.D
Acq On : 15 Nov 2018 18:37
Operator : MD/SY
Sample : J5946-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9C11

Quant Time: Nov 16 00:51:53 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	167845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52659	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	46442	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.28	63	78730	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.19	46	209714	51.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	4.65	84	100248	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	58990	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.34	84	204517	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	75559	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.57	98	174836	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.85	79	23544	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	156078	46.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55055	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	62716	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

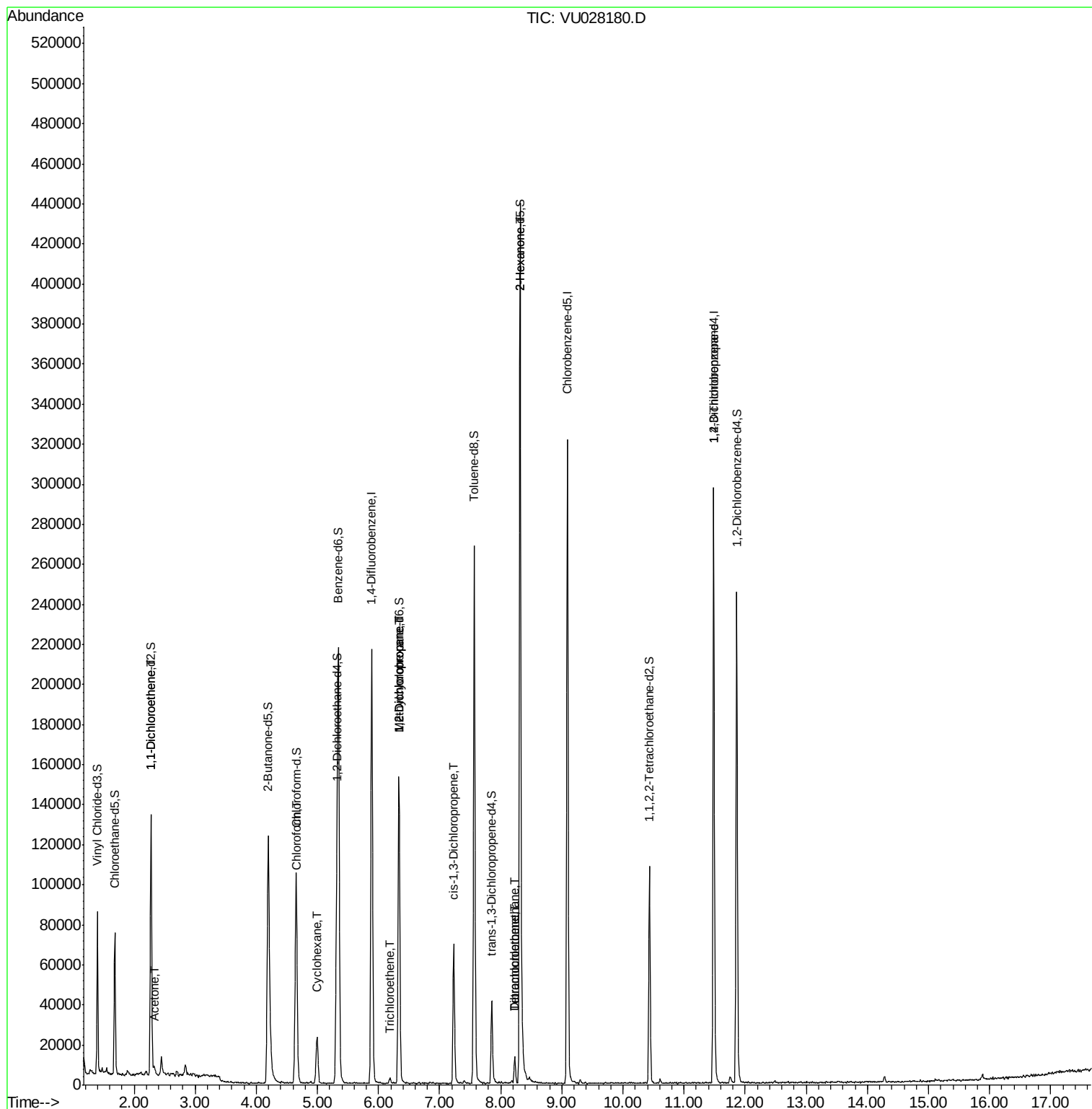
					Qvalue
12) 1,1-Dichloroethene	2.28	96	697	0.062 ug/L #	1
13) Acetone	2.33	43	3009	1.106 ug/L	94
25) Chloroform	4.67	83	1998	0.089 ug/L	90
30) Cyclohexane	5.00	56	12718	0.495 ug/L	96
34) Trichloroethene	6.19	95	975	0.072 ug/L	90
35) Methylcyclohexane	6.33	83	15604	0.673 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7385	0.489 ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1557	0.076 ug/L #	51
47) Tetrachloroethene	8.23	164	3275	0.299 ug/L	87
48) 2-Hexanone	8.31	43	19351	2.617 ug/L #	71
49) Dibromochloromethane	8.23	129	2727	0.281 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10826	1.277 ug/L	97

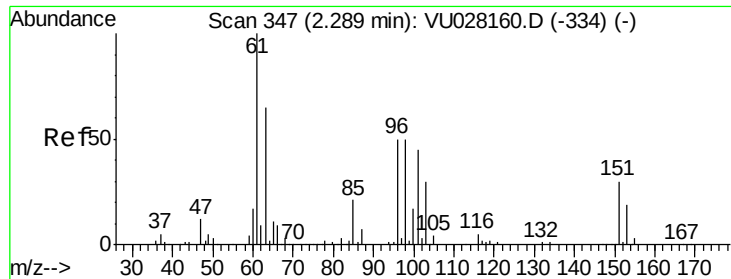
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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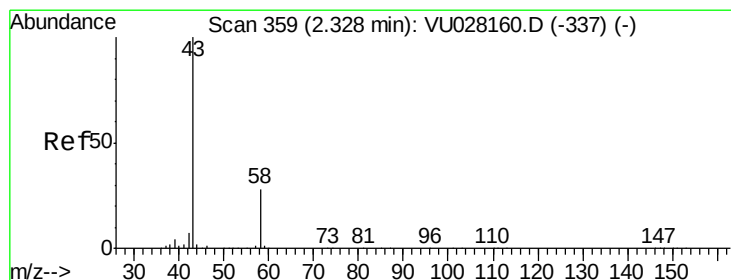
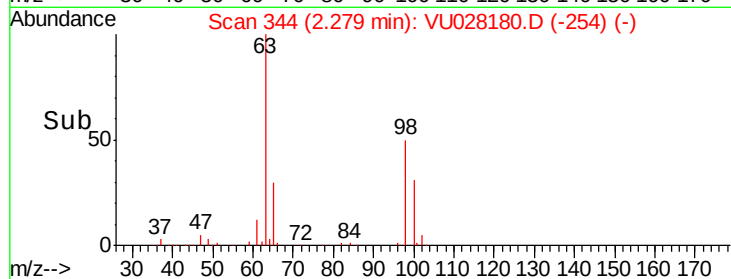
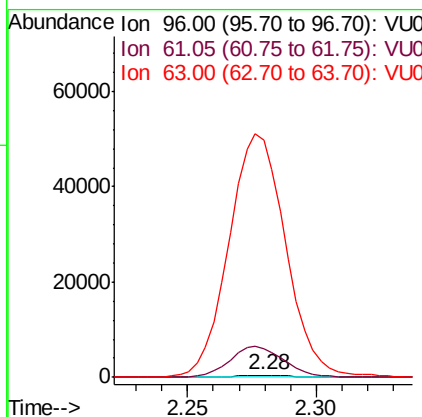
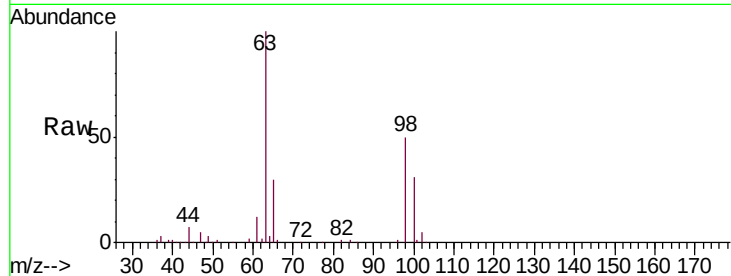




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.28 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VU028180.D
 Acq: 15 Nov 2018 18:37

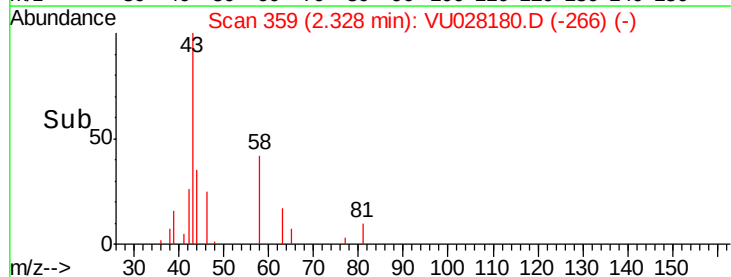
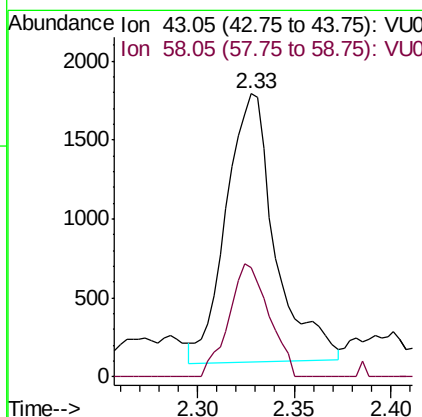
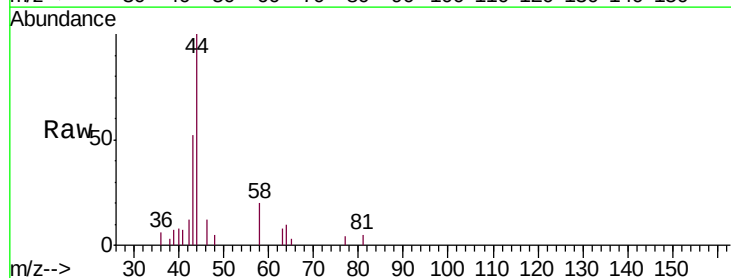
Instrument :
 MSVOA_U
 ClientSampleId :
 F9C11

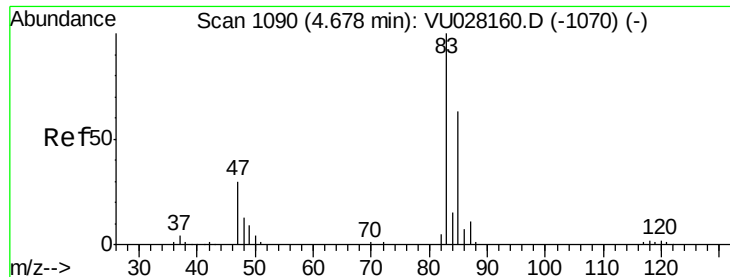
Tgt Ion: 96 Resp: 697
 Ion Ratio Lower Upper
 96 100
 61 1298.9 134.8 250.3#
 63 10527.1 100.1 185.9#



#13
 Acetone
 Concen: 1.106 ug/L
 RT: 2.33 min Scan# 359
 Delta R.T. -0.00 min
 Lab File: VU028180.D
 Acq: 15 Nov 2018 18:37

Tgt Ion: 43 Resp: 3009
 Ion Ratio Lower Upper
 43 100
 58 34.3 0.0 61.6

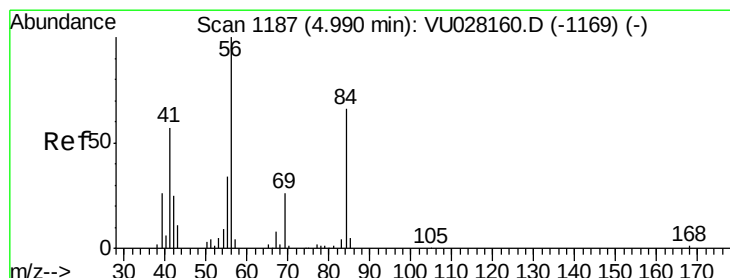
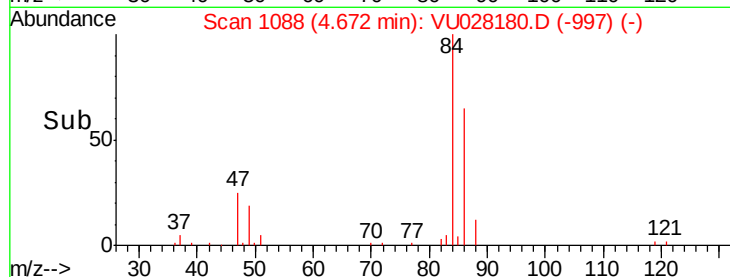
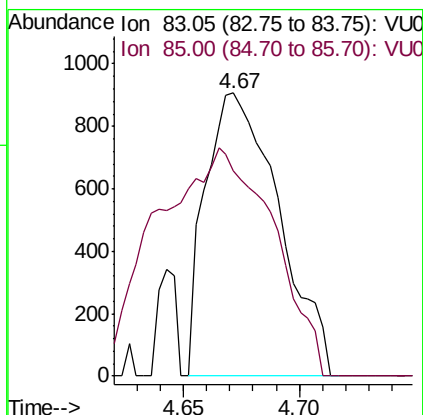
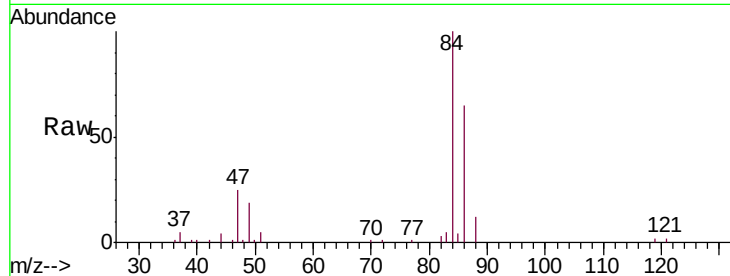




#25
Chloroform
Concen: 0.089 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU028180.D
Acq: 15 Nov 2018 18:37

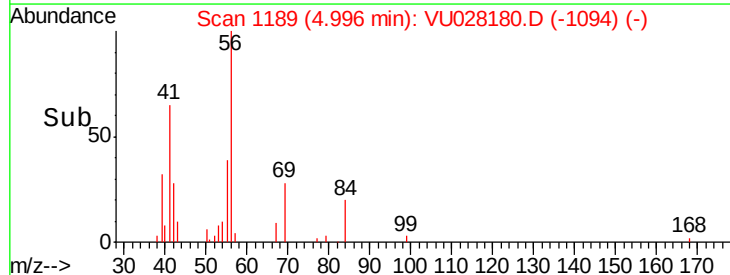
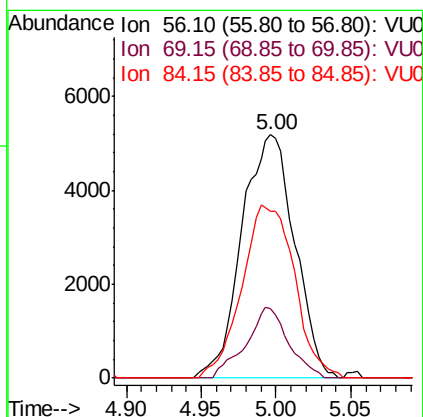
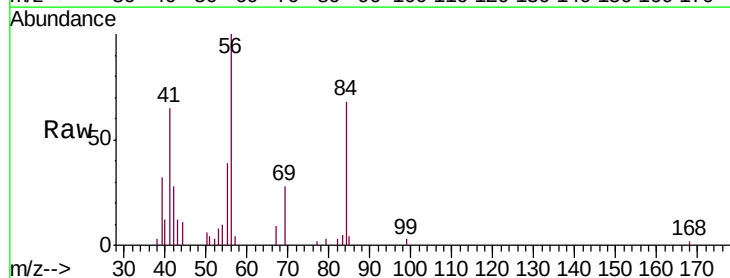
Instrument :
MSVOA_U
ClientSampled :
F9C11

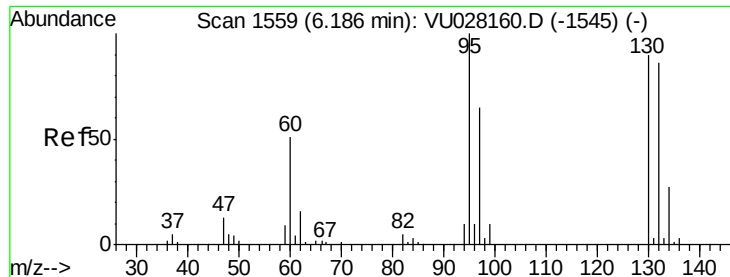
Tgt Ion: 83 Resp: 1998
Ion Ratio Lower Upper
83 100
85 72.4 45.0 83.6



#30
Cyclohexane
Concen: 0.495 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VU028180.D
Acq: 15 Nov 2018 18:37

Tgt Ion: 56 Resp: 12718
Ion Ratio Lower Upper
56 100
69 23.4 22.6 33.8
84 70.9 57.7 86.5





#34

Trichloroethene

Concen: 0.072 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028180.D

Acq: 15 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

F9C11

Tgt Ion: 95 Resp: 975

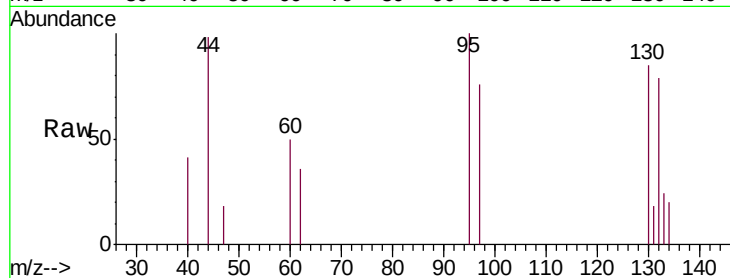
Ion Ratio Lower Upper

95 100

97 75.7 45.3 84.1

132 79.2 63.0 117.0

130 84.9 63.6 118.2

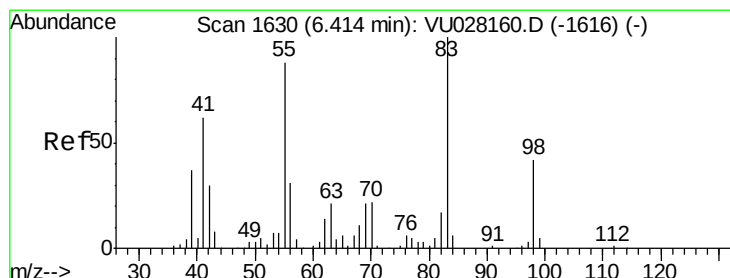
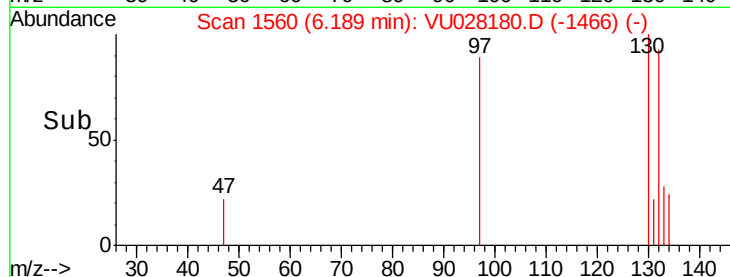
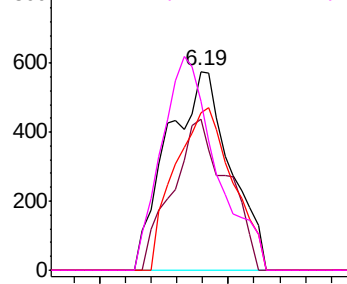


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.673 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028180.D

Acq: 15 Nov 2018 18:37

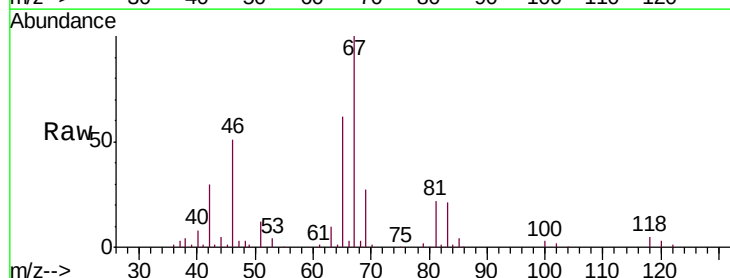
Tgt Ion: 83 Resp: 15604

Ion Ratio Lower Upper

83 100

55 0.5 69.0 103.4#

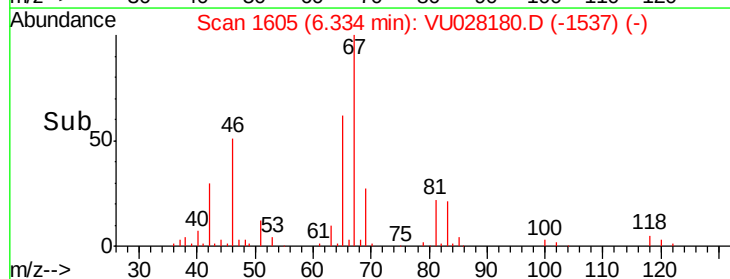
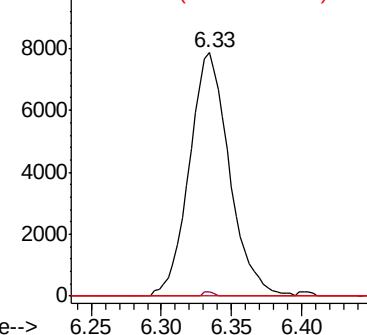
98 0.0 33.3 49.9#

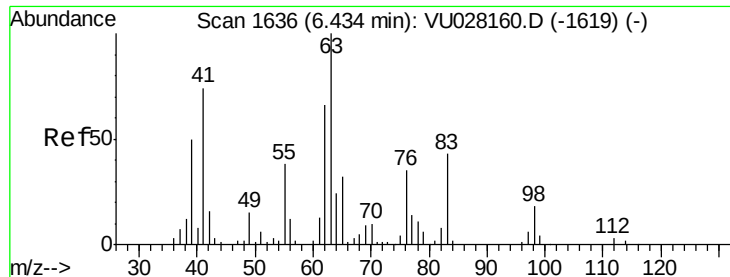


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

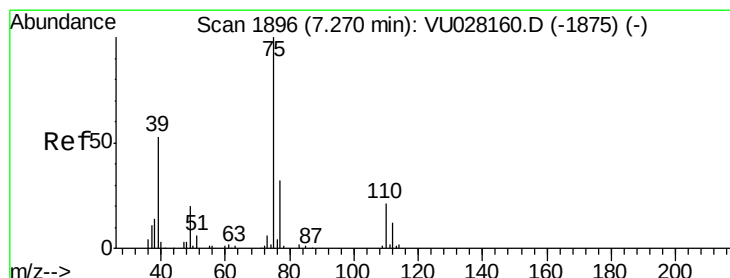
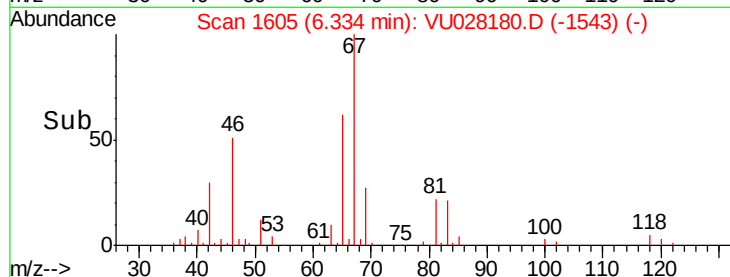
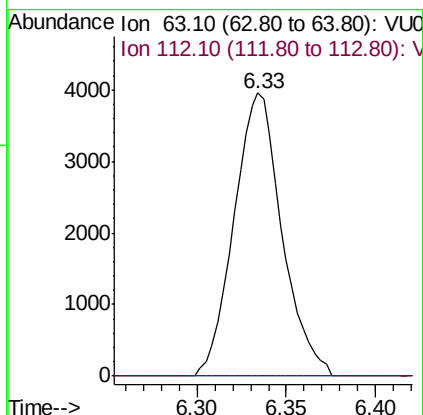
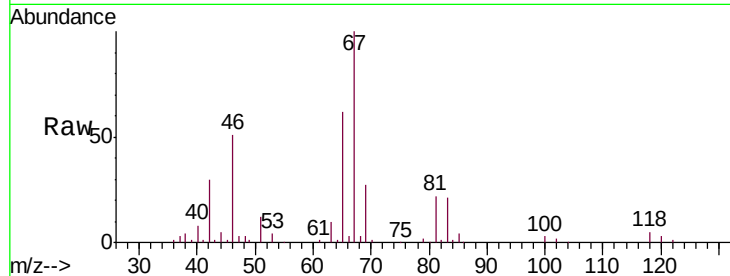




#37
 1,2-Dichloropropane
 Concen: 0.489 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028180.D
 Acq: 15 Nov 2018 18:37

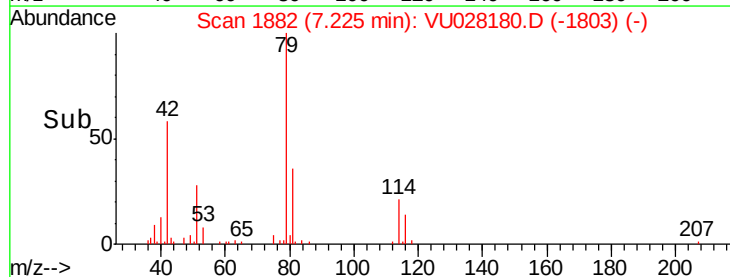
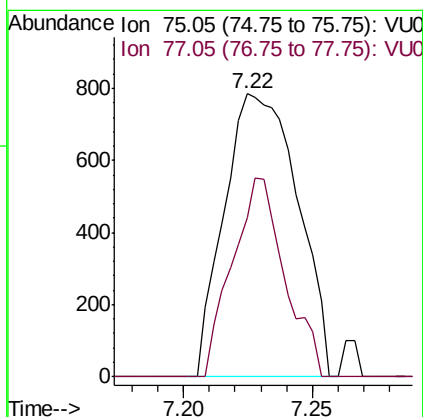
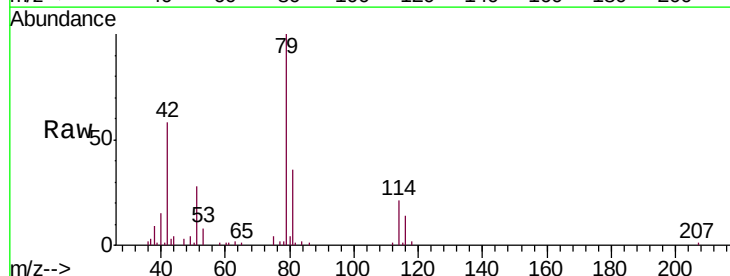
Instrument :
 MSVOA_U
 ClientSampleId :
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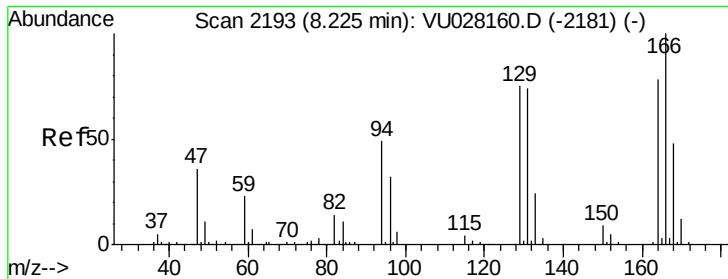
Tgt Ion: 63 Resp: 7385
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.05 min
 Lab File: VU028180.D
 Acq: 15 Nov 2018 18:37

Tgt Ion: 75 Resp: 1557
 Ion Ratio Lower Upper
 75 100
 77 56.3 20.9 38.9#

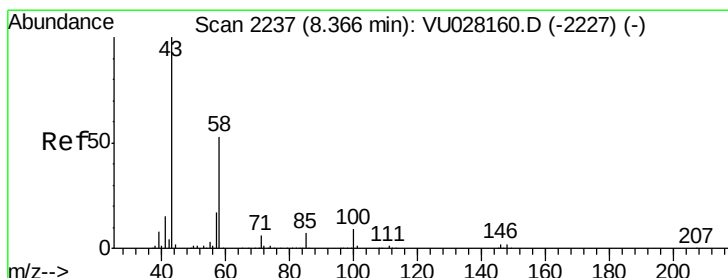
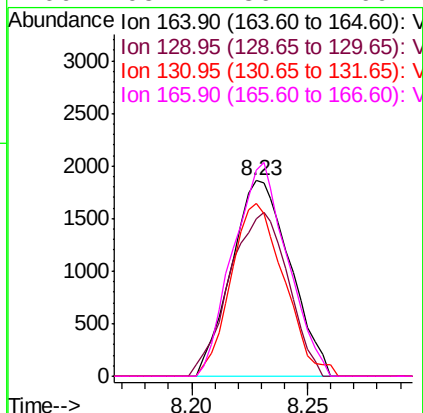
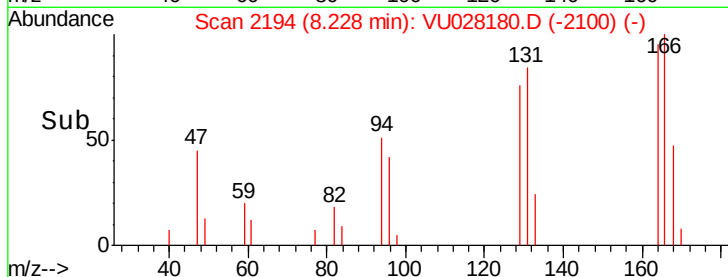
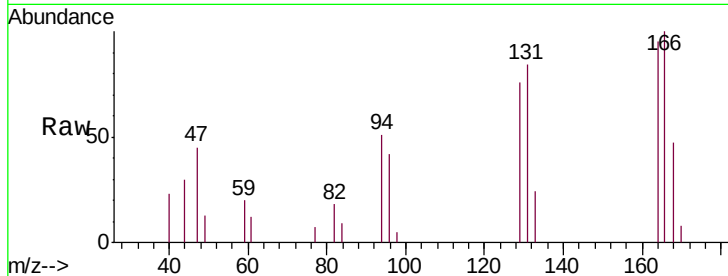




#47
Tetrachloroethene
Concen: 0.299 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028180.D
Acq: 15 Nov 2018 18:37

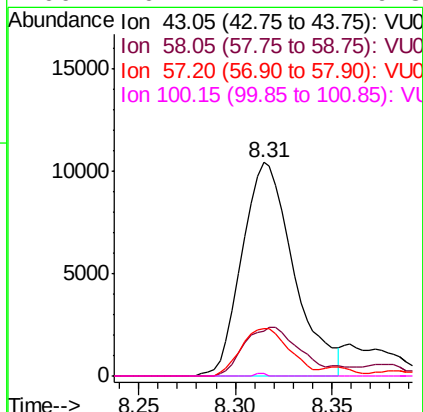
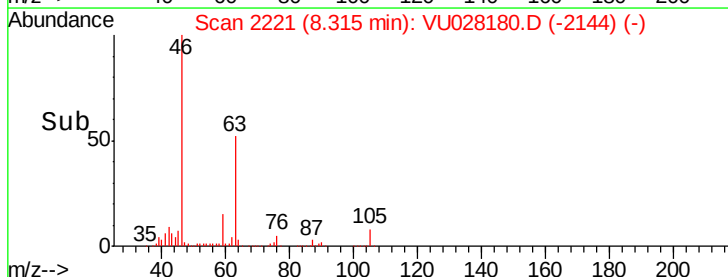
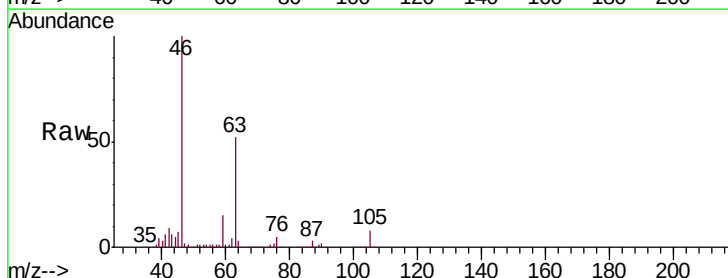
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MSVOA_U
ClientSampleId :
F9C11

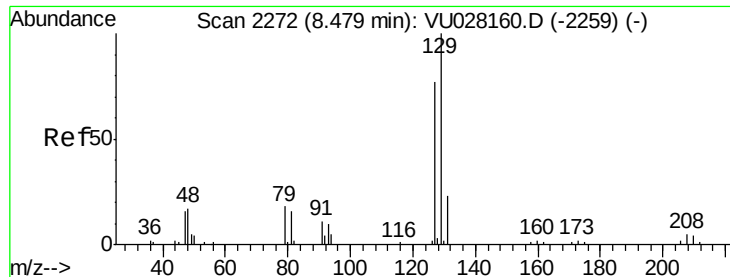
Tgt Ion:164 Resp: 3275
Ion Ratio Lower Upper
164 100
129 80.3 69.7 129.4
131 88.5 64.0 118.8
166 105.1 86.4 160.4



#48
2-Hexanone
Concen: 2.617 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028180.D
Acq: 15 Nov 2018 18:37

Tgt Ion: 43 Resp: 19351
Ion Ratio Lower Upper
43 100
58 26.4 41.7 62.5#
57 21.1 14.0 21.0#
100 0.2 7.2 10.8#





#49

Dibromochloromethane

Concen: 0.281 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU028180.D

Acq: 15 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampled :

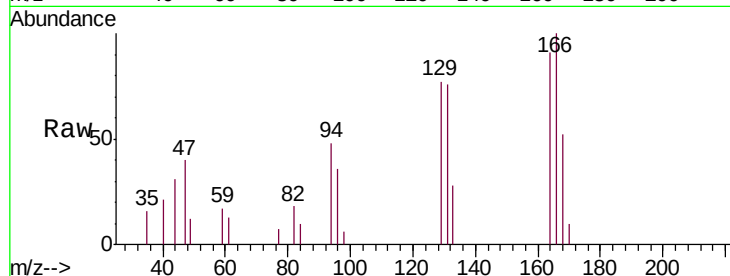
F9C11

Tgt Ion:129 Resp: 2727

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

8.23

1500

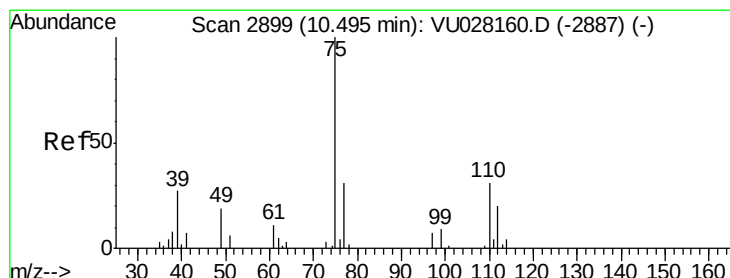
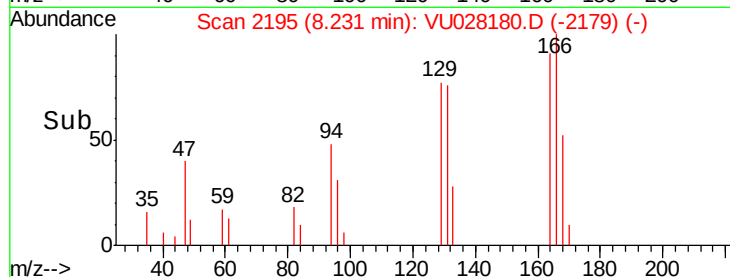
1000

500

0

8.20 8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.277 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028180.D

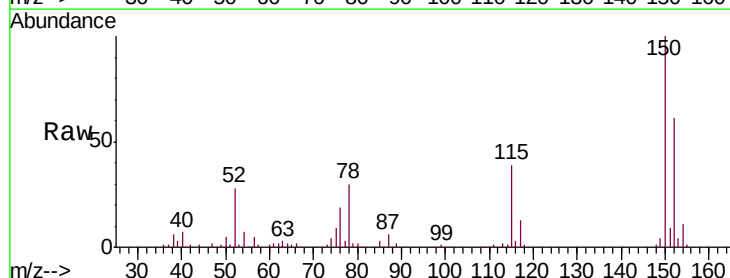
Acq: 15 Nov 2018 18:37

Tgt Ion: 75 Resp: 10826

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

6000

4000

2000

0

11.45 11.50 11.55

Time-->

