

Data File : VU028291.D
Acq On : 20 Nov 2018 20:32
Operator : MD/SY
Sample : J5997-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YA2

Quant Time: Nov 26 06:20:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	128101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53424	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36261	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.68	69	34982	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.28	63	59018	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.19	46	178772	55.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.84%
24) Chloroform-d	4.65	84	79946	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	46803	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	146551	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.33	67	60126	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.57	98	116574	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.85	79	17592	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.31	63	125045	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49789	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	47768	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

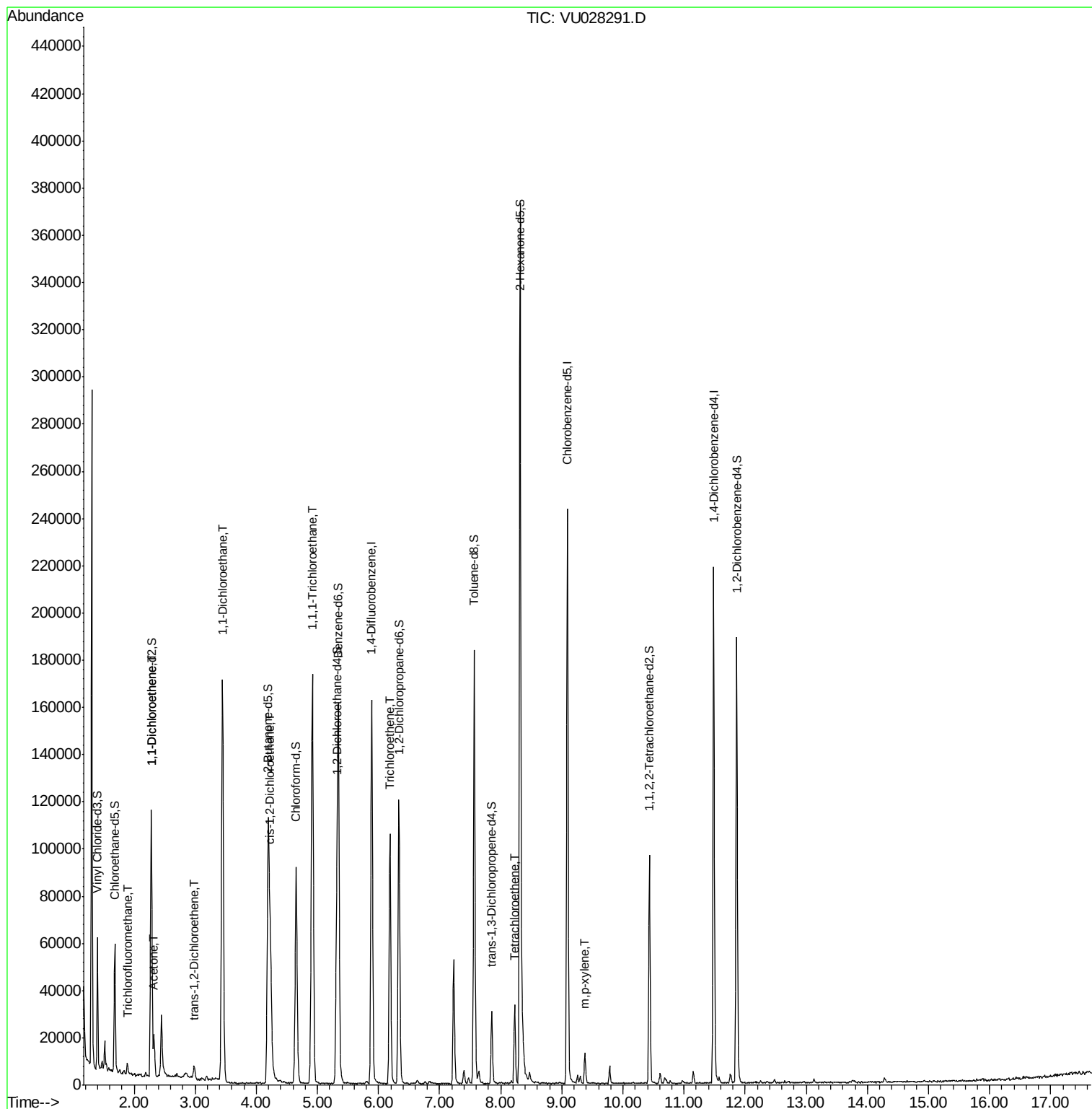
					Qvalue
9) Trichlorofluoromethane	1.89	101	2236	0.148 ug/L	100
12) 1,1-Dichloroethene	2.29	96	13503	1.712 ug/L #	65
13) Acetone	2.32	43	17068	7.693 ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	2102	0.250 ug/L	81
19) 1,1-Dichloroethane	3.45	63	190565	9.783 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	16552	1.667 ug/L	92
29) 1,1,1-Trichloroethane	4.92	97	130646	9.306 ug/L	98
34) Trichloroethene	6.19	95	36883	3.666 ug/L	100
47) Tetrachloroethene	8.23	164	7073	1.013 ug/L	96
53) m,p-xylene	9.37	106	3238	0.208 ug/L	88

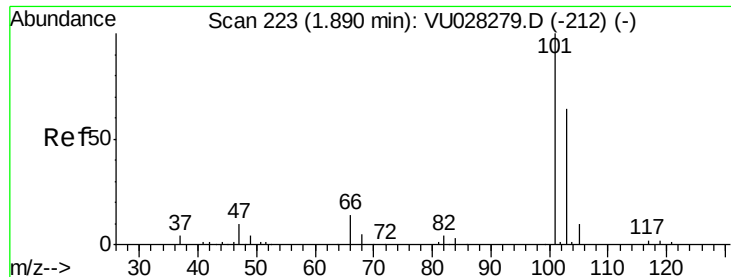
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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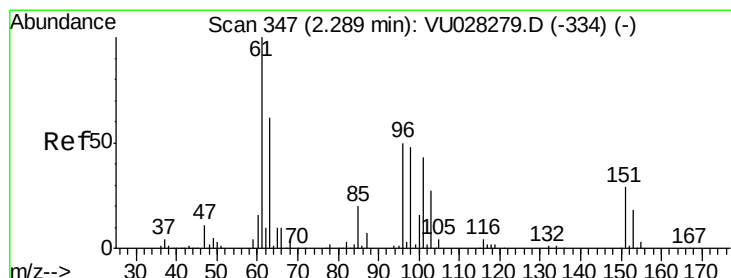
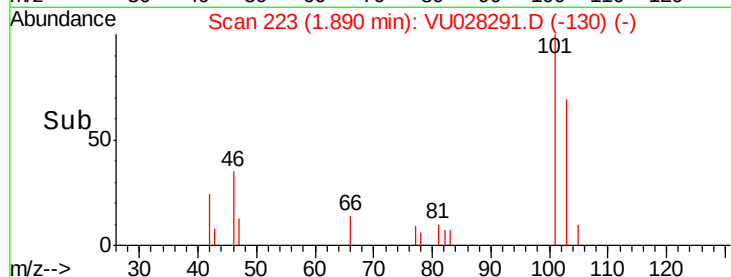
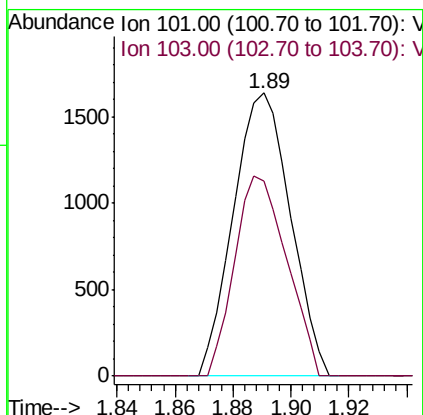
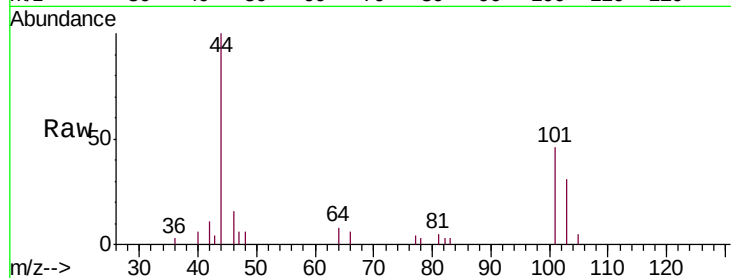


#9

Trichlorofluoromethane
Concen: 0.148 ug/L
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU028291.D
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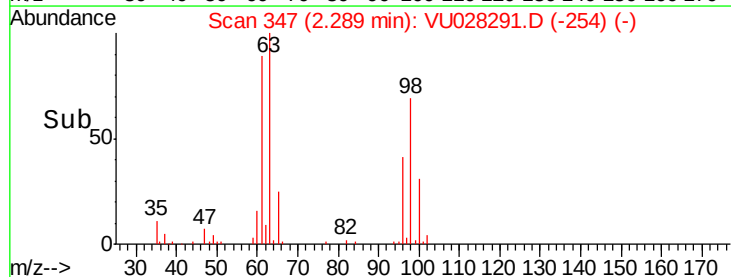
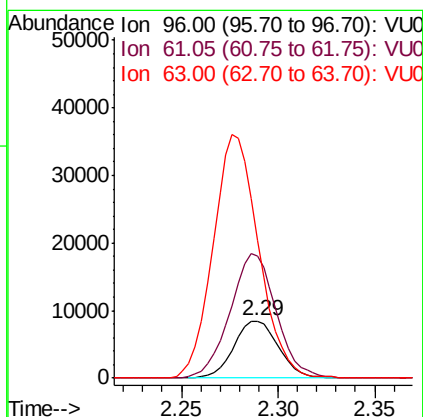
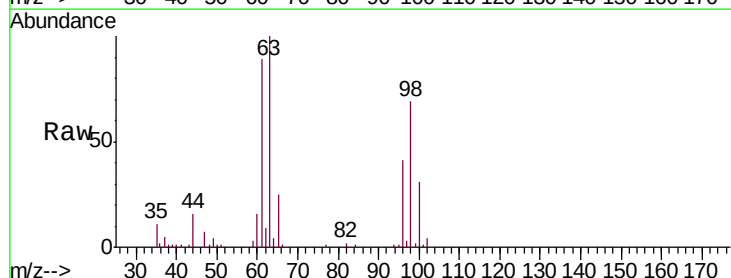
Tgt Ion: 101 Resp: 2236
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

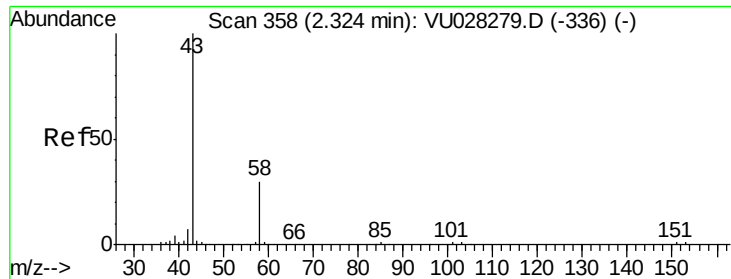


#12

1,1-Dichloroethene
Concen: 1.712 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028291.D
Acq: 20 Nov 2018 20:32

Tgt Ion: 96 Resp: 13503
Ion Ratio Lower Upper
96 100
61 213.7 145.5 270.1
63 241.2 98.6 183.2#





#13

Acetone

Concen: 7.693 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028291.D

Acq: 20 Nov 2018 20:32

Instrument :

MSVOA_U

ClientSampleId :

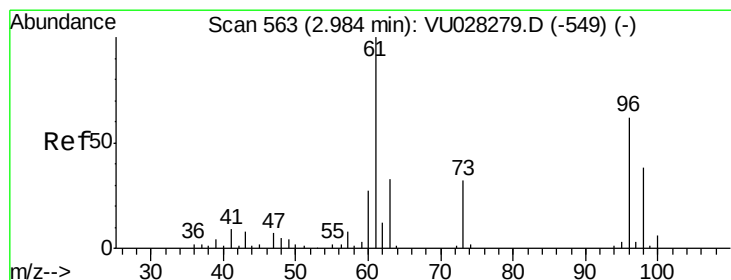
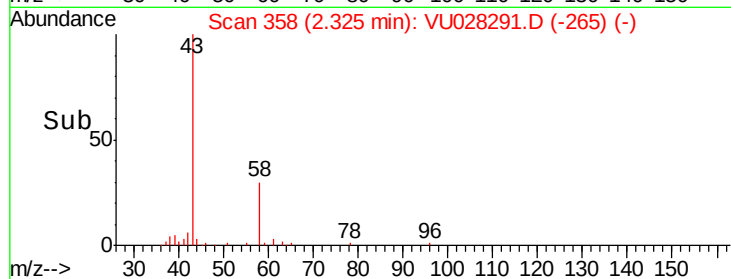
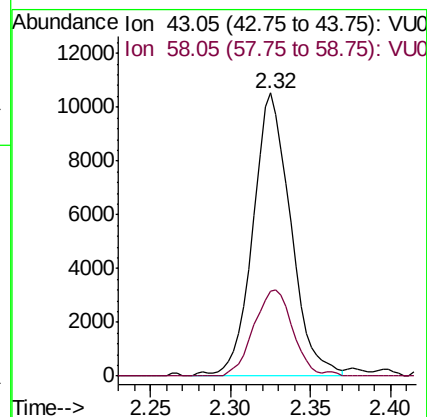
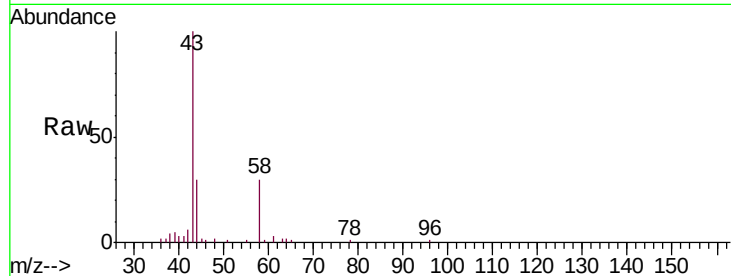
E3YA2

Tgt Ion: 43 Resp: 17068

Ion Ratio Lower Upper

43 100

58 31.6 0.0 58.6



#18

trans-1,2-Dichloroethene

Concen: 0.250 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028291.D

Acq: 20 Nov 2018 20:32

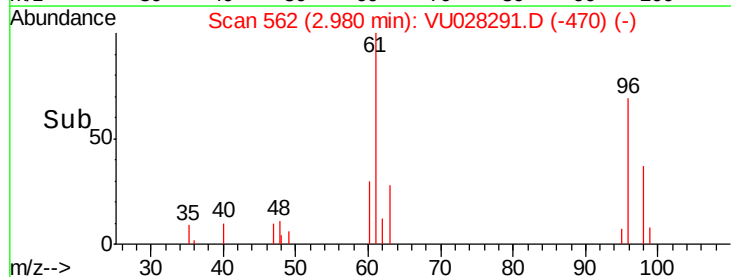
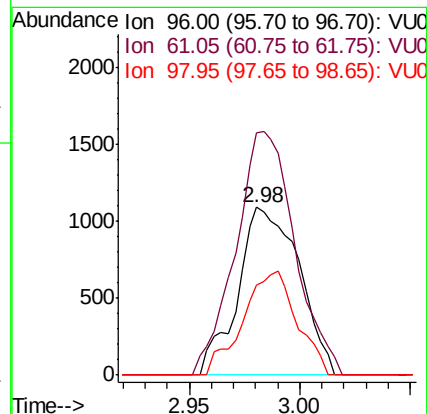
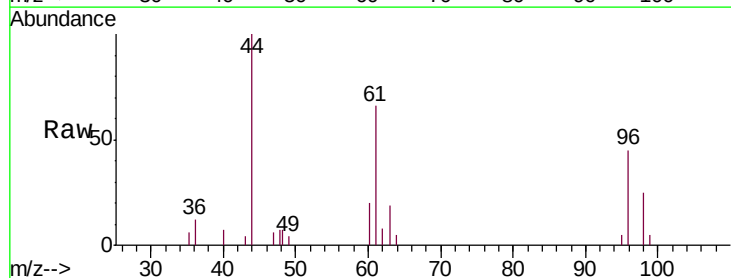
Tgt Ion: 96 Resp: 2102

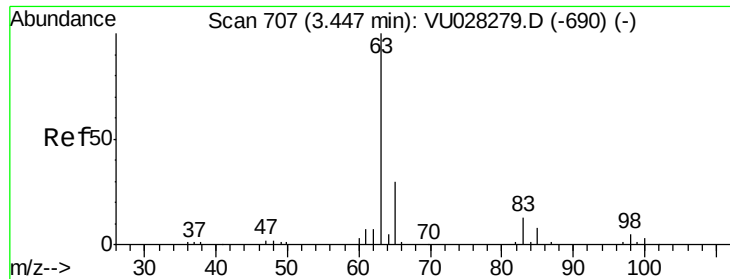
Ion Ratio Lower Upper

96 100

61 144.7 122.2 227.0

98 54.1 44.9 83.5

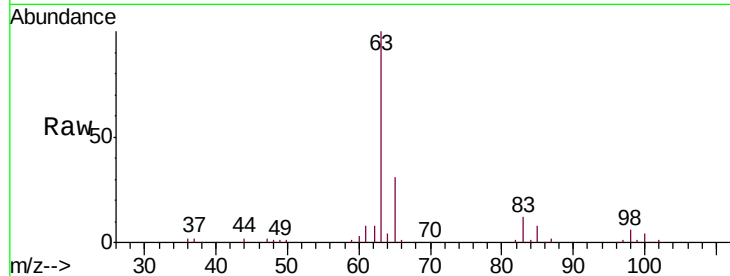




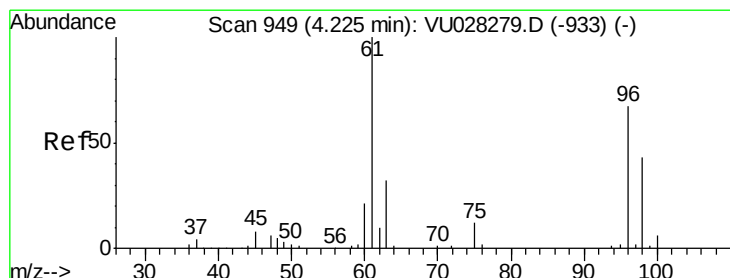
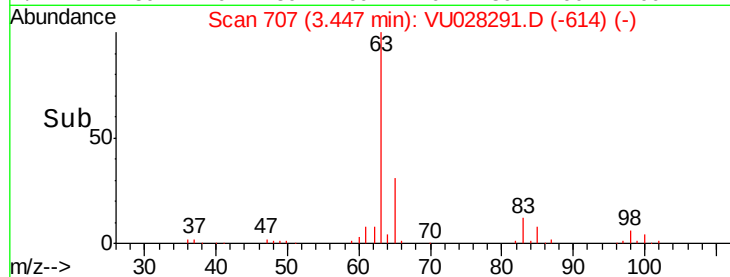
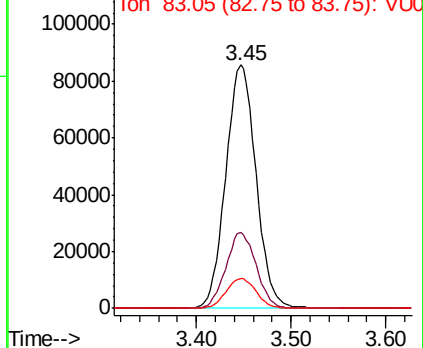
#19
 1,1-Dichloroethane
 Concen: 9.783 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU028291.D
 Acq: 20 Nov 2018 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YA2

Tgt Ion: 63 Resp: 190565
 Ion Ratio Lower Upper
 63 100
 65 31.1 21.2 39.4
 83 12.1 8.8 16.4

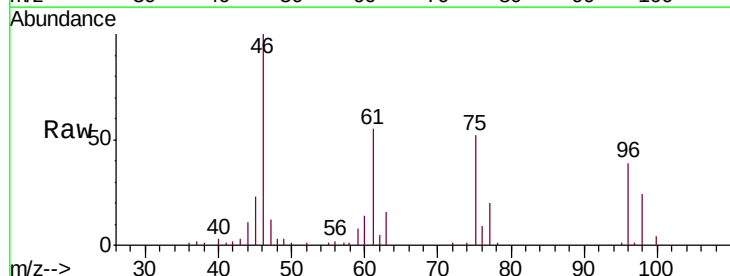


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

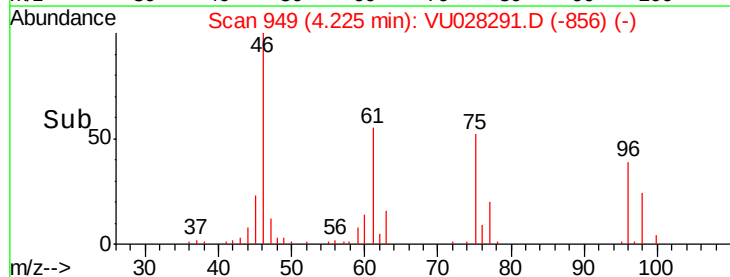
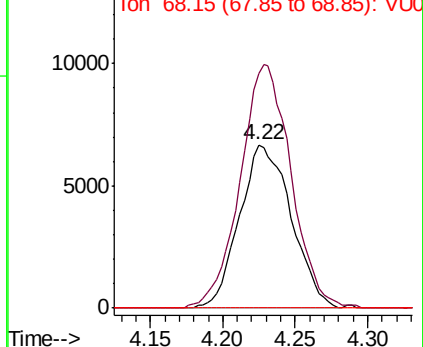


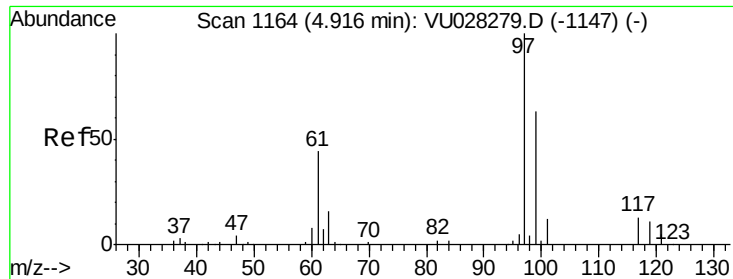
#22
 cis-1,2-Dichloroethene
 Concen: 1.667 ug/L
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028291.D
 Acq: 20 Nov 2018 20:32

Tgt Ion: 96 Resp: 16552
 Ion Ratio Lower Upper
 96 100
 61 143.7 108.0 200.6
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

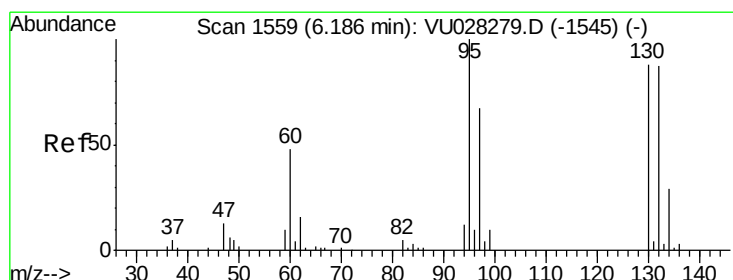
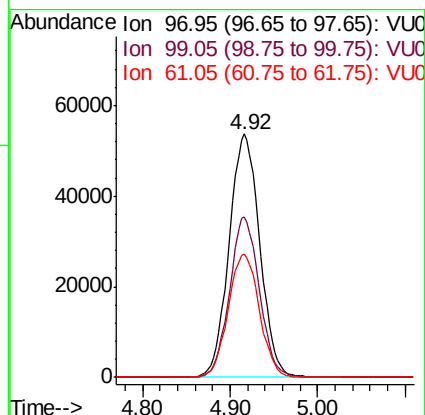
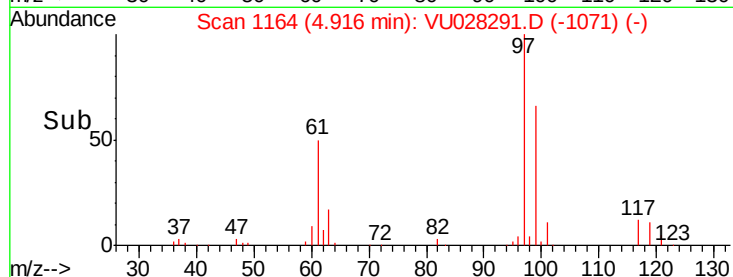
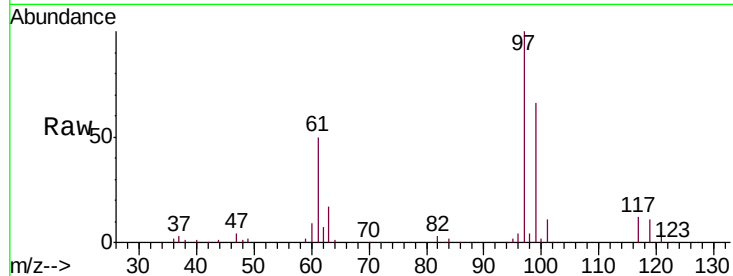




#29
 1,1,1-Trichloroethane
 Concen: 9.306 ug/L
 RT: 4.92 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: VU028291.D
 Acq: 20 Nov 2018 20:32

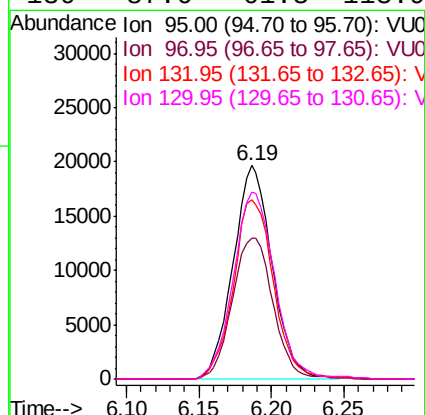
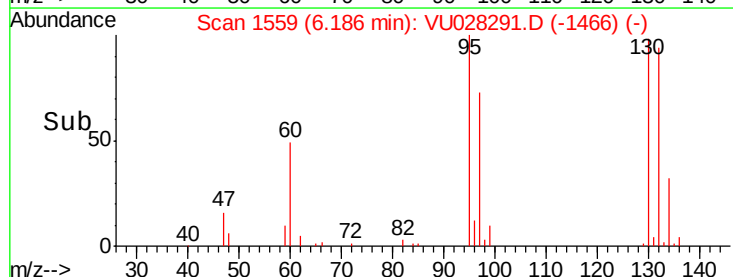
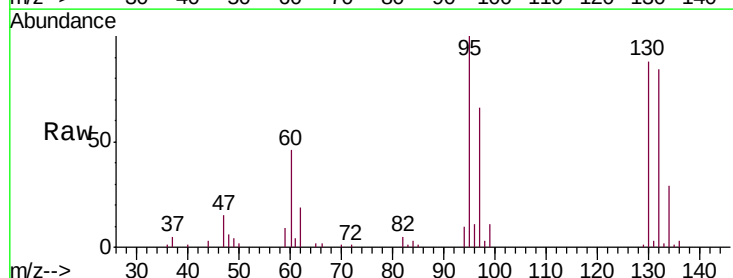
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YA2

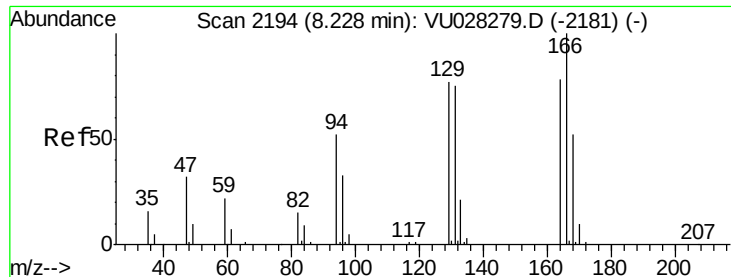
Tgt Ion: 97 Resp: 130646
 Ion Ratio Lower Upper
 97 100
 99 63.9 50.8 76.2
 61 51.3 42.6 64.0



#34
 Trichloroethene
 Concen: 3.666 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028291.D
 Acq: 20 Nov 2018 20:32

Tgt Ion: 95 Resp: 36883
 Ion Ratio Lower Upper
 95 100
 97 65.8 46.5 86.3
 132 84.1 58.9 109.3
 130 87.6 61.3 113.9

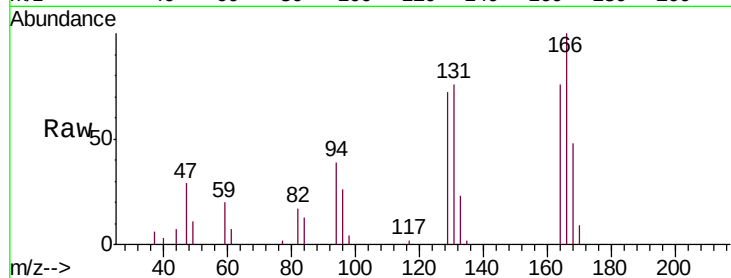




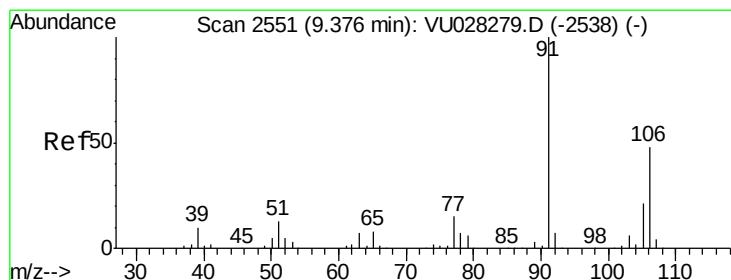
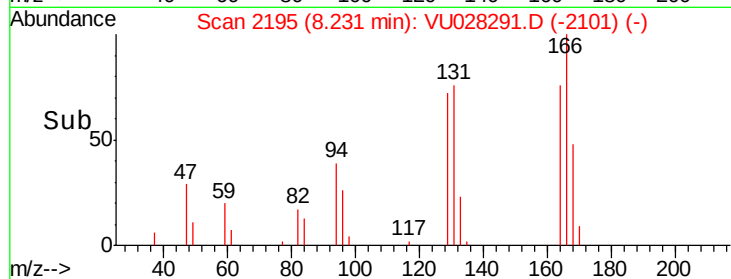
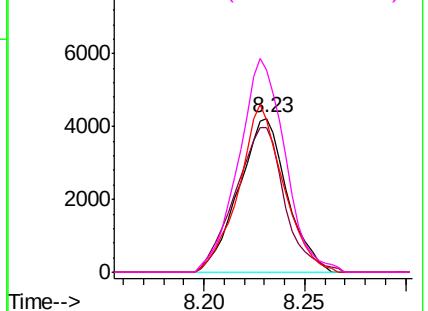
#47
Tetrachloroethene
Concen: 1.013 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028291.D
Acq: 20 Nov 2018 20:32

Instrument :
MSVOA_U
ClientSampleId :
E3YA2

Tgt Ion:164 Resp: 7073
Ion Ratio Lower Upper
164 100
129 94.3 67.6 125.6
131 99.3 66.3 123.1
166 131.5 89.2 165.6

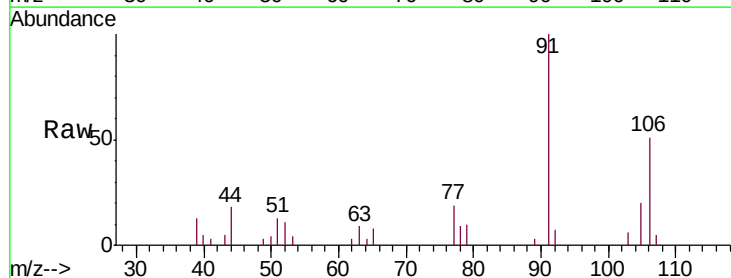


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#53
m,p-xylene
Concen: 0.208 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028291.D
Acq: 20 Nov 2018 20:32

Tgt Ion:106 Resp: 3238
Ion Ratio Lower Upper
106 100
91 195.8 150.6 279.6



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): V

