

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028307.D
 Acq On : 21 Nov 2018 10:17
 Operator : MD/SY
 Sample : J5986-20 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP6

Quant Time: Nov 21 23:00:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66003	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.68	69	51387	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	96743	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.21	46	191899	45.01	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.65	84	106257	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.31	65	59315	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.34	84	221205	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	80255	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.57	98	194156	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	28641	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.31	63	136691	42.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55762	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	63353	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

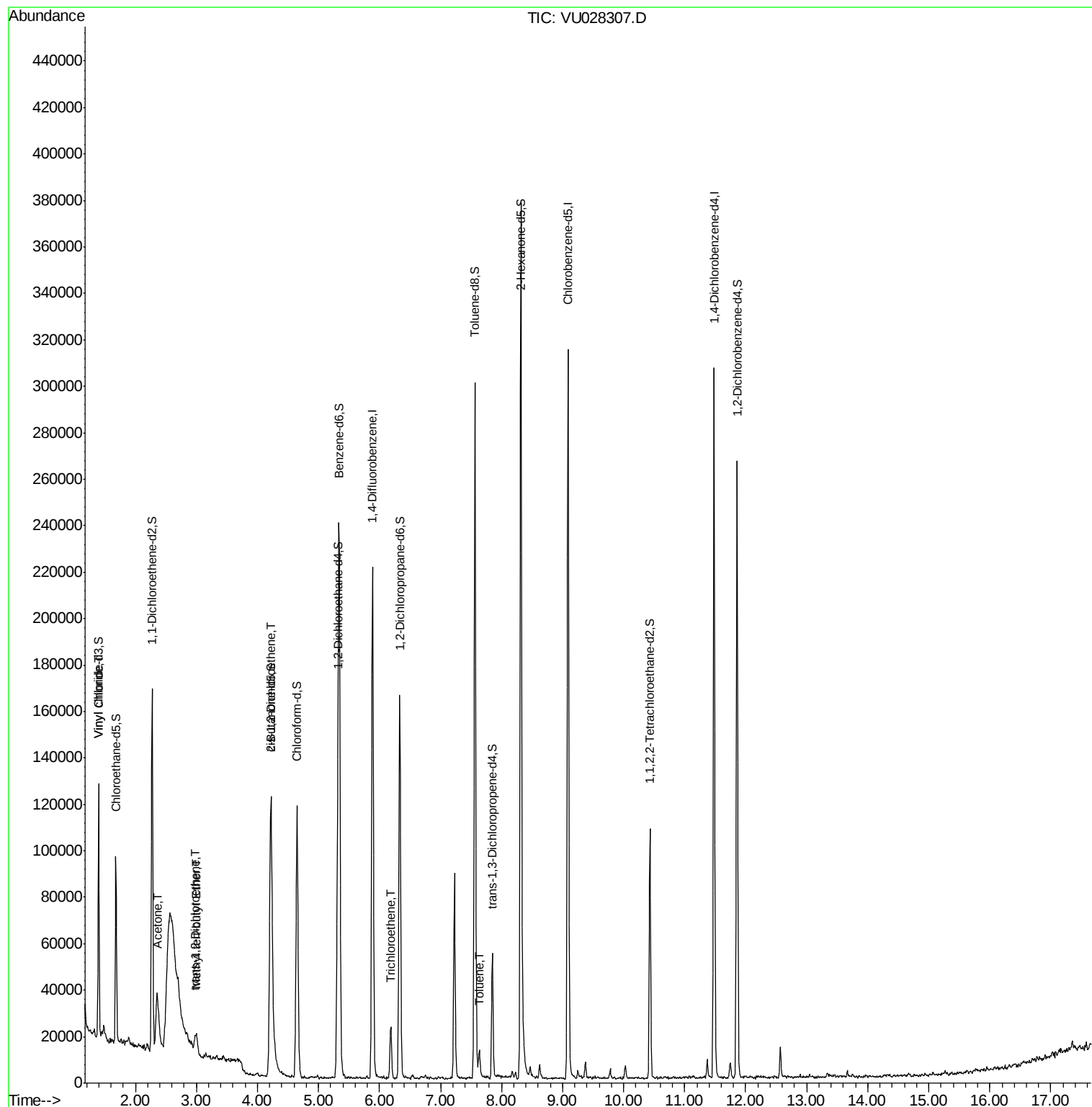
					Qvalue
5) Vinyl chloride	1.40	62	7556	0.440 ug/L	# 74
13) Acetone	2.36	43	57380	19.570 ug/L	98
17) Methyl tert-butyl Ether	3.01	73	5731	0.183 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	1460	0.132 ug/L	85
22) cis-1,2-Dichloroethene	4.23	96	22378	1.705 ug/L	86
34) Trichloroethene	6.19	95	7758	0.603 ug/L	95
42) Toluene	7.64	91	7346	0.138 ug/L	88

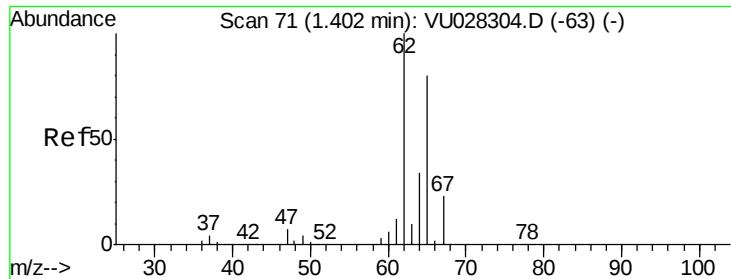
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Data File : VU028307.D
Acq On : 21 Nov 2018 10:17
Operator : MD/SY
Sample : J5986-20 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FP6

Quant Time: Nov 21 23:00:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.440 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028307.D

Acq: 21 Nov 2018 10:17

Instrument :

MSVOA_U

ClientSampleId :

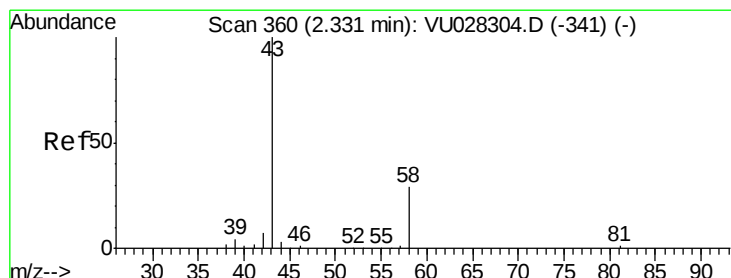
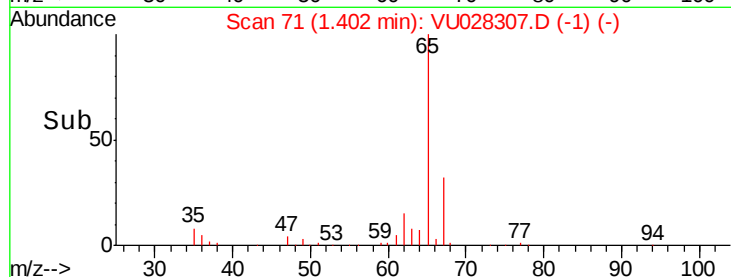
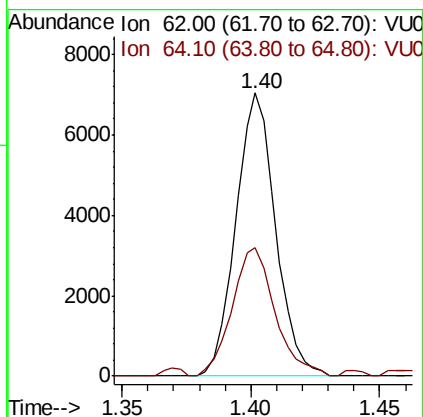
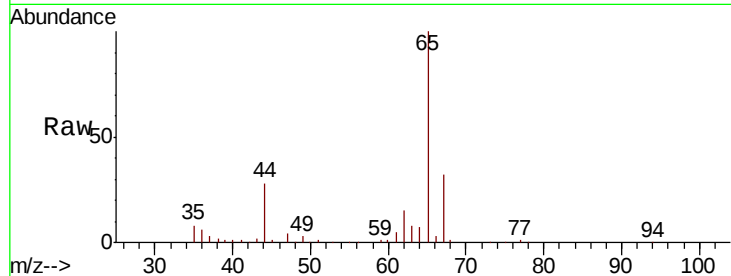
H0FP6

Tgt Ion: 62 Resp: 7556

Ion Ratio Lower Upper

62 100

64 45.3 21.7 40.3#



#13

Acetone

Concen: 19.570 ug/L

RT: 2.36 min Scan# 368

Delta R.T. 0.03 min

Lab File: VU028307.D

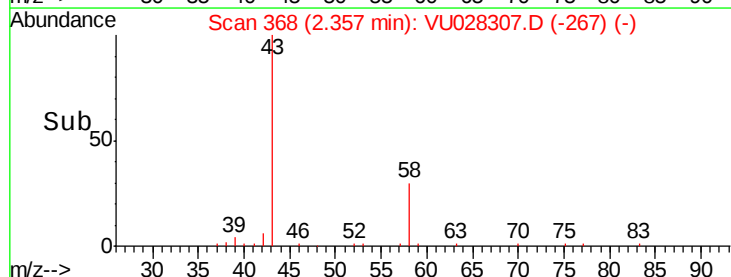
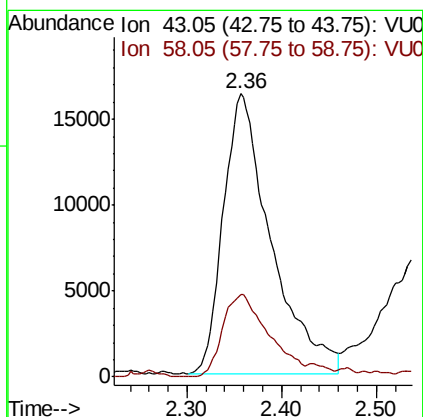
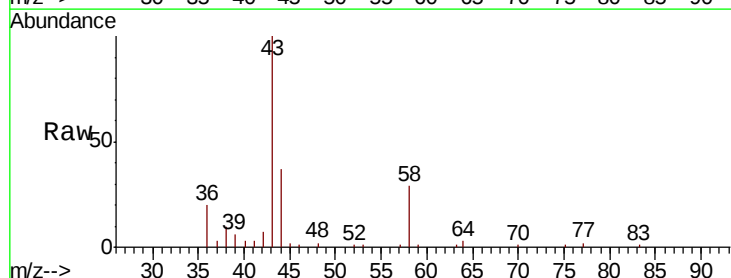
Acq: 21 Nov 2018 10:17

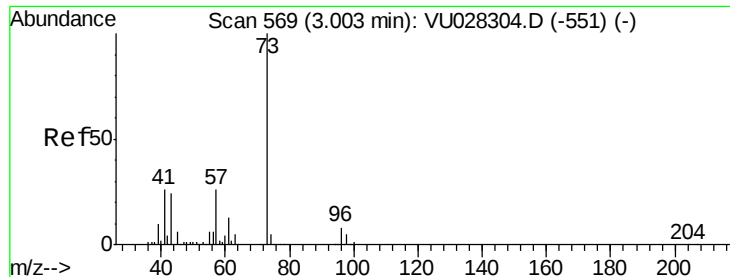
Tgt Ion: 43 Resp: 57380

Ion Ratio Lower Upper

43 100

58 28.2 0.0 58.6

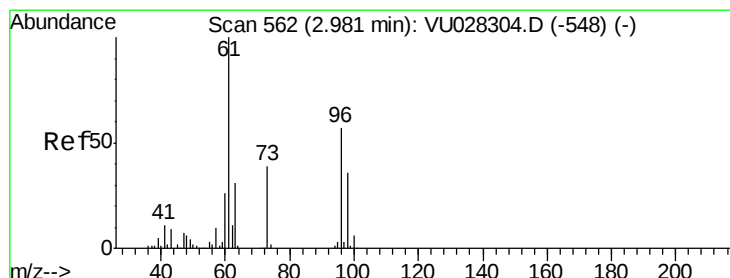
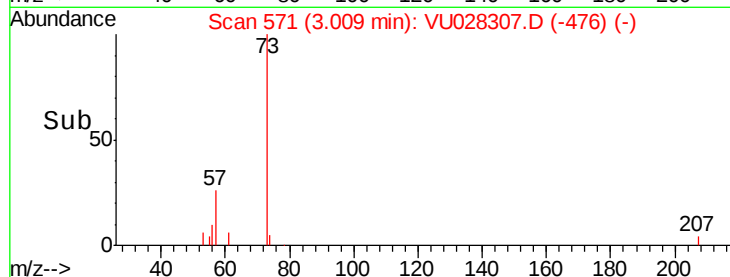
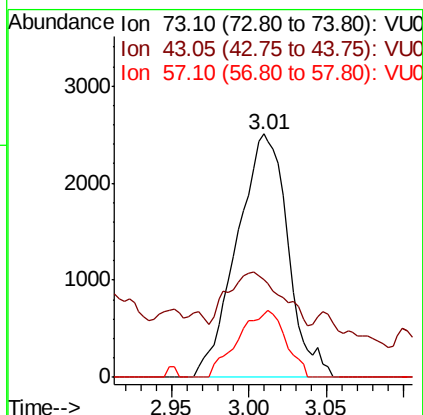
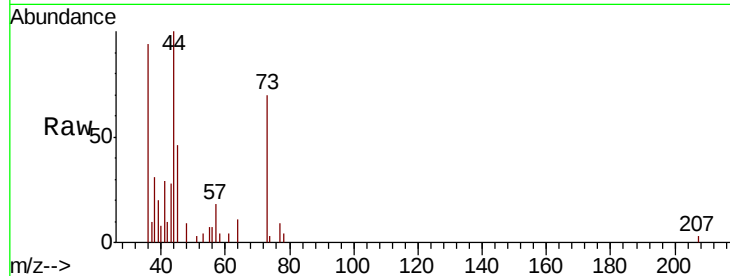




#17
Methyl tert-butyl Ether
Concen: 0.183 ug/L
RT: 3.01 min Scan# 571
Delta R.T. 0.01 min
Lab File: VU028307.D
Acq: 21 Nov 2018 10:17

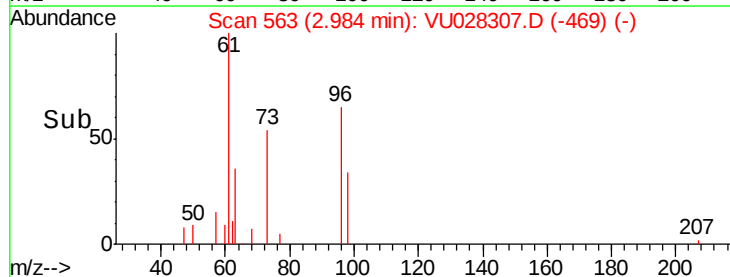
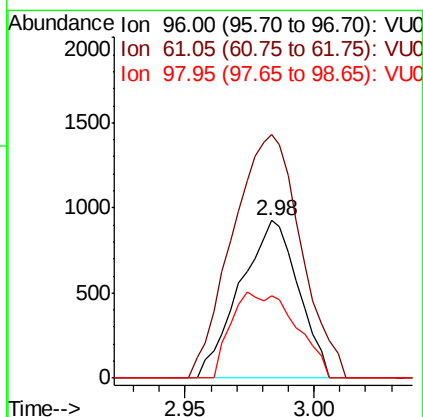
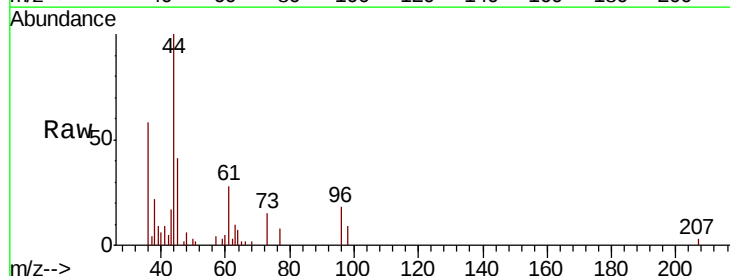
Instrument :
MSVOA_U
ClientSampled :
H0FP6

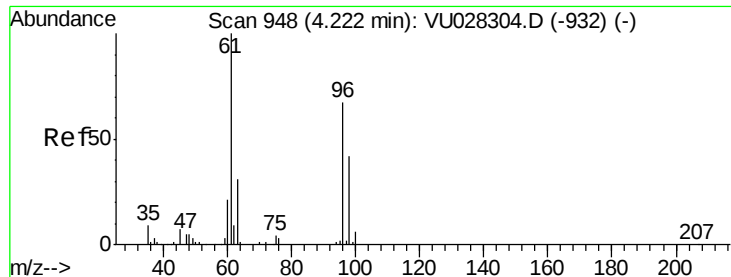
Tgt Ion: 73 Resp: 5731
Ion Ratio Lower Upper
73 100
43 24.7 18.8 28.2
57 25.7 19.2 28.8



#18
trans-1,2-Dichloroethene
Concen: 0.132 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028307.D
Acq: 21 Nov 2018 10:17

Tgt Ion: 96 Resp: 1460
Ion Ratio Lower Upper
96 100
61 154.8 122.2 227.0
98 51.9 44.9 83.5



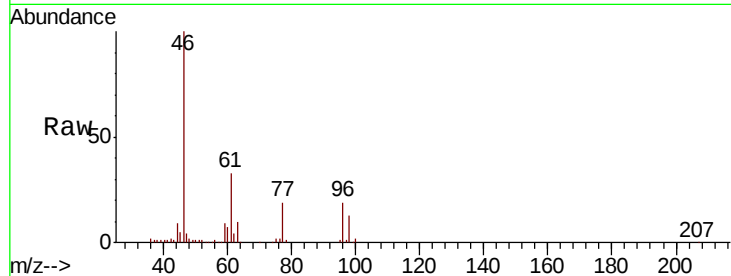


#22

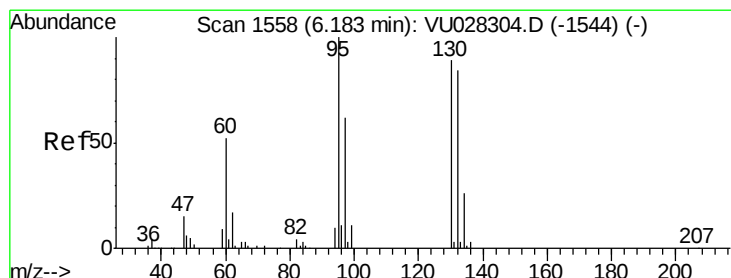
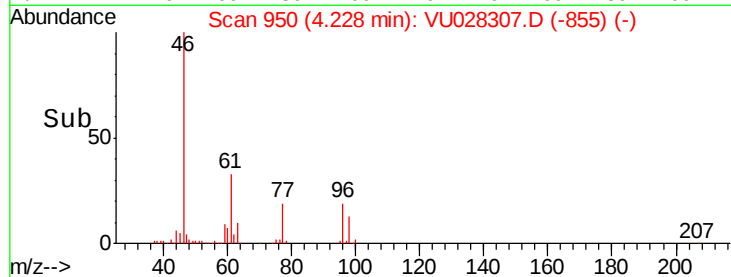
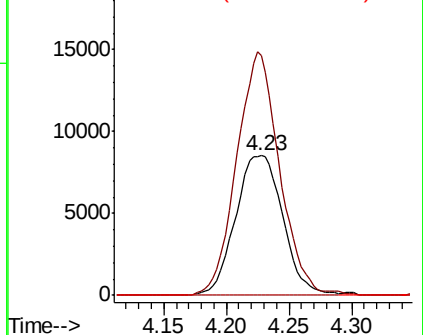
cis-1,2-Dichloroethene
Concen: 1.705 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028307.D
Acq: 21 Nov 2018 10:17

Instrument :
MSVOA_U
ClientSampleId :
H0FP6

Tgt Ion: 96 Resp: 22378
Ion Ratio Lower Upper
96 100
61 172.2 108.0 200.6
68 0.0 0.0 0.0



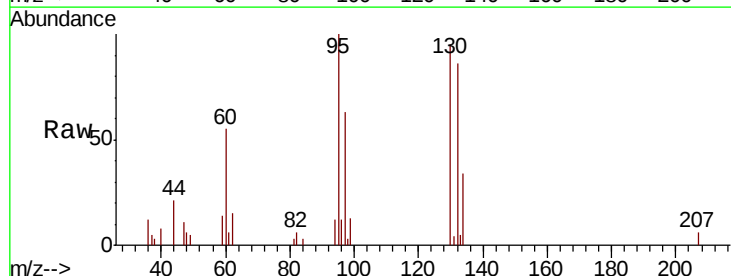
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



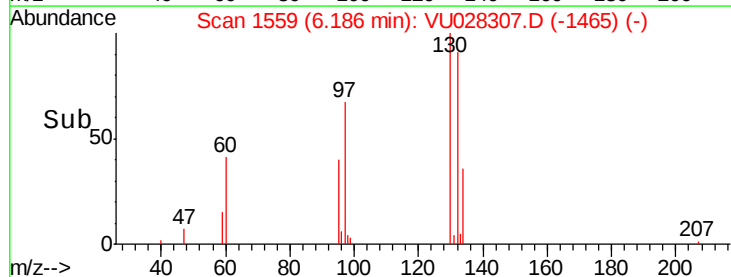
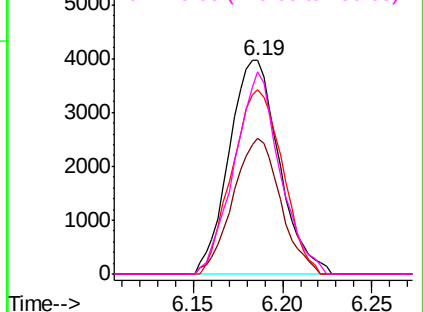
#34

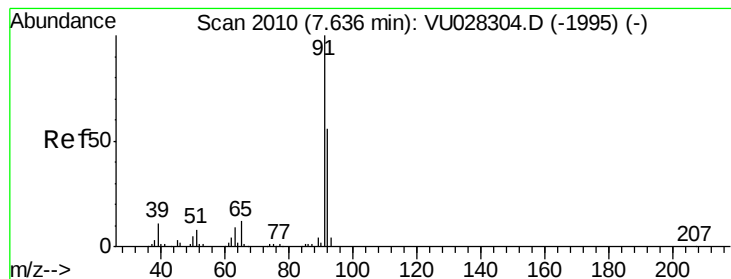
Trichloroethene
Concen: 0.603 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028307.D
Acq: 21 Nov 2018 10:17

Tgt Ion: 95 Resp: 7758
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.3
132 86.2 58.9 109.3
130 94.8 61.3 113.9



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





#42

Toluene

Concen: 0.138 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028307.D

Acq: 21 Nov 2018 10:17

Instrument :

MSVOA_U

ClientSampleId :

H0FP6

Tgt Ion: 91 Resp: 7346

Ion Ratio Lower Upper

91 100

92 64.3 39.0 72.4

