

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028316.D
 Acq On : 21 Nov 2018 13:51
 Operator : MD/SY
 Sample : J6026-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP0

Quant Time: Nov 21 23:35:49 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	5.88	114	163882	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63269	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	48452	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	89931	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.19	46	184148	44.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.24%
24) Chloroform-d	4.65	84	103502	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	58933	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.34	84	208399	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.33	67	76207	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.57	98	180867	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	26740	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.31	63	128497	41.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52943	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	60640	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

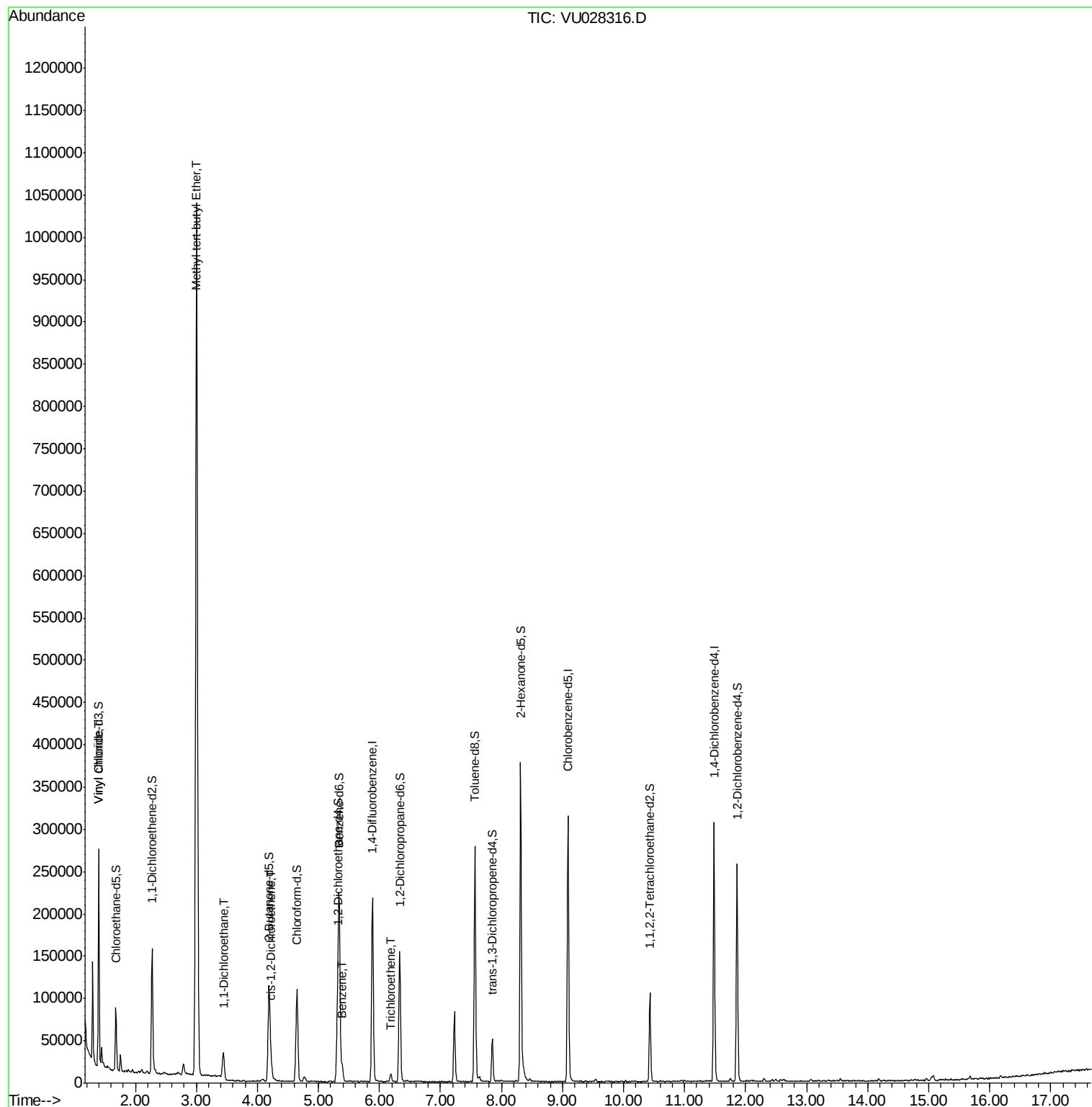
					Qvalue
5) Vinyl chloride	1.40	62	26508	1.594	ug/L 90
17) Methyl tert-butyl Ether	3.00	73	1011034	33.359	ug/L 99
19) 1,1-Dichloroethane	3.44	63	34292	1.376	ug/L 96
22) cis-1,2-Dichloroethene	4.23	96	5261	0.414	ug/L 78
33) Benzene	5.39	78	16750	0.326	ug/L 100
34) Trichloroethene	6.18	95	3208	0.255	ug/L 91

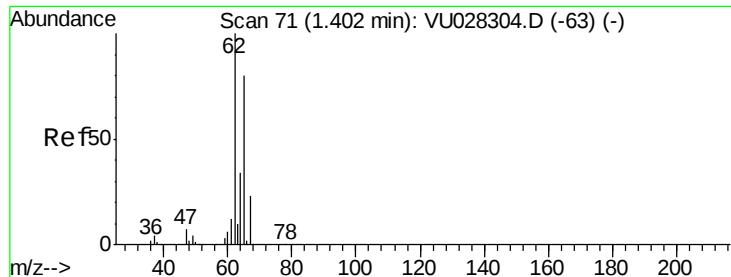
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.594 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

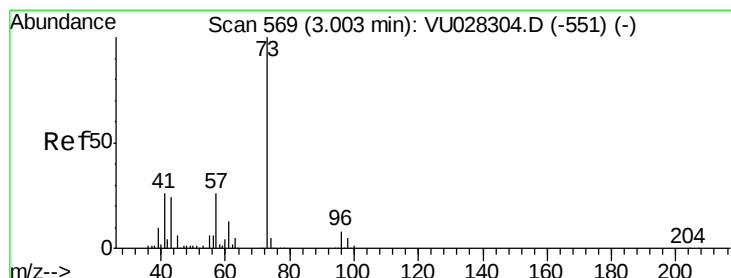
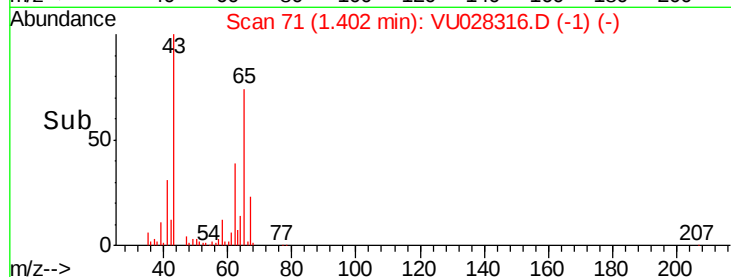
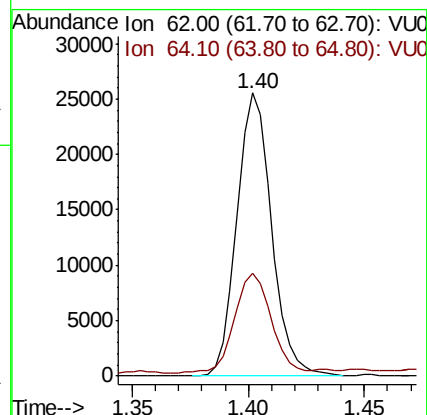
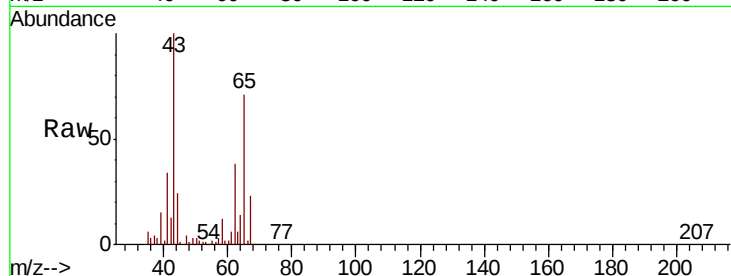
H0FP0

Tgt Ion: 62 Resp: 26508

Ion Ratio Lower Upper

62 100

64 36.5 21.7 40.3



#17

Methyl tert-butyl Ether

Concen: 33.359 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU028316.D

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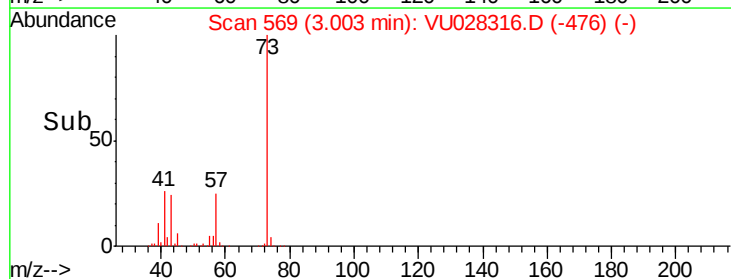
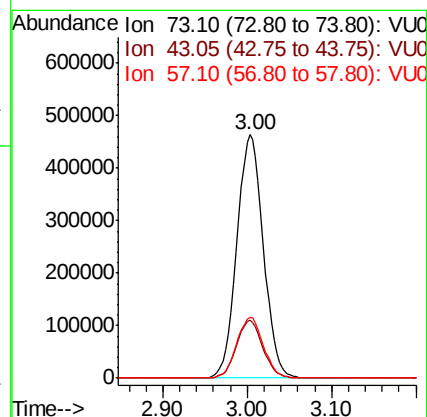
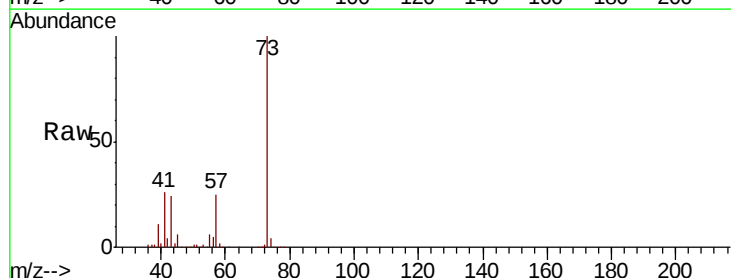
Tgt Ion: 73 Resp: 1011034

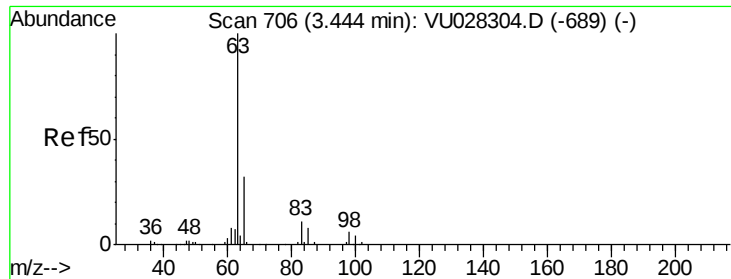
Ion Ratio Lower Upper

73 100

43 23.6 18.8 28.2

57 25.2 19.2 28.8

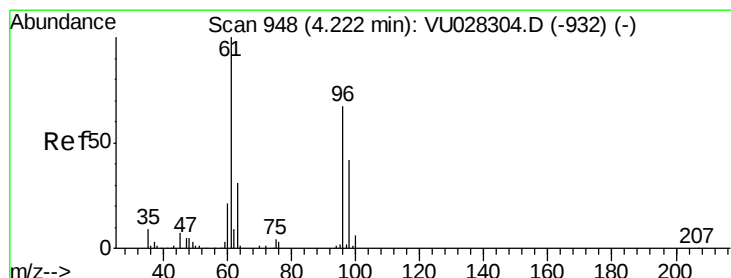
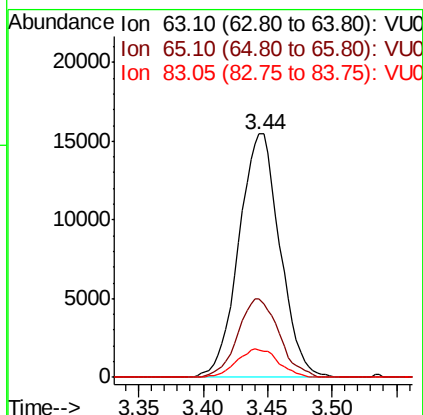
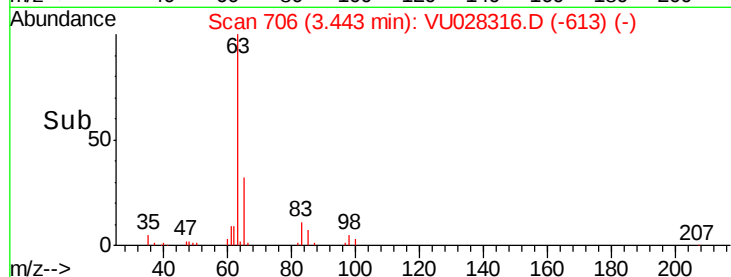
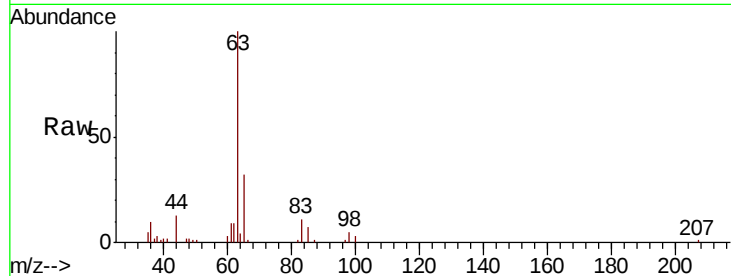




#19
 1,1-Dichloroethane
 Concen: 1.376 ug/L
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028316.D
 Acq: 21 Nov 2018 13:51

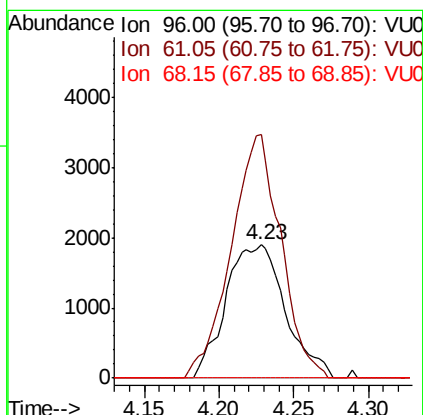
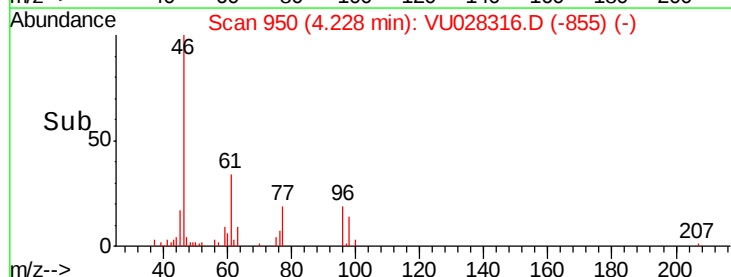
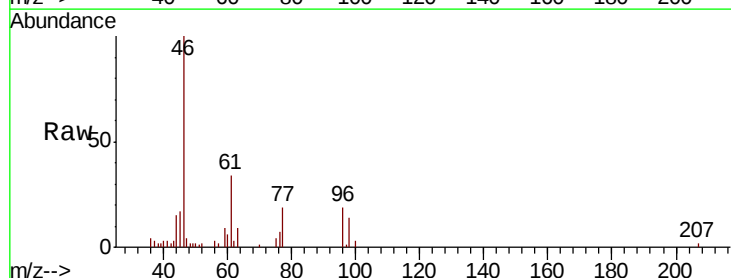
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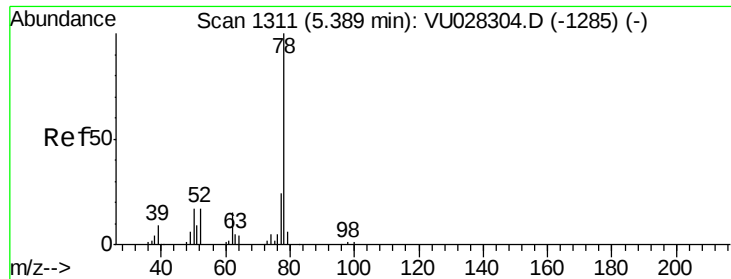
Tgt Ion: 63 Resp: 34292
 Ion Ratio Lower Upper
 63 100
 65 32.4 21.2 39.4
 83 11.0 8.8 16.4



#22
 cis-1,2-Dichloroethene
 Concen: 0.414 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VU028316.D
 Acq: 21 Nov 2018 13:51

Tgt Ion: 96 Resp: 5261
 Ion Ratio Lower Upper
 96 100
 61 183.2 108.0 200.6
 68 0.0 0.0 0.0





#33

Benzene

Concen: 0.326 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

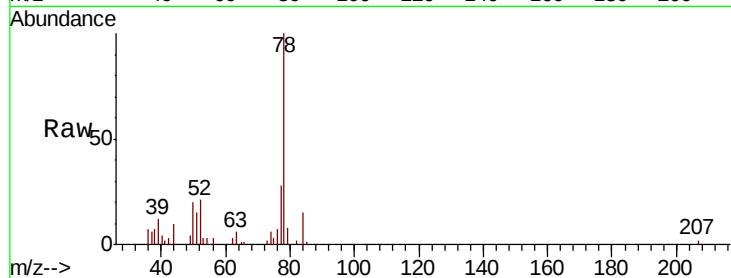
Instrument :

MSVOA_U

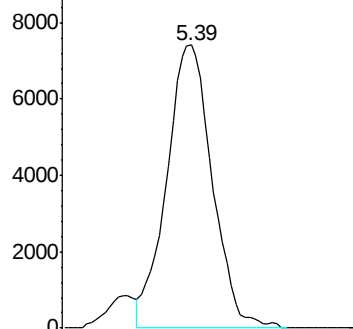
ClientSampleId :

H0FP0

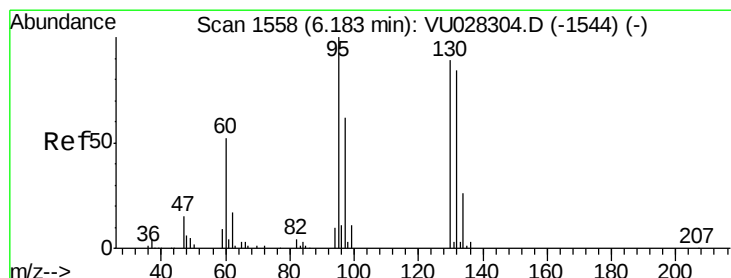
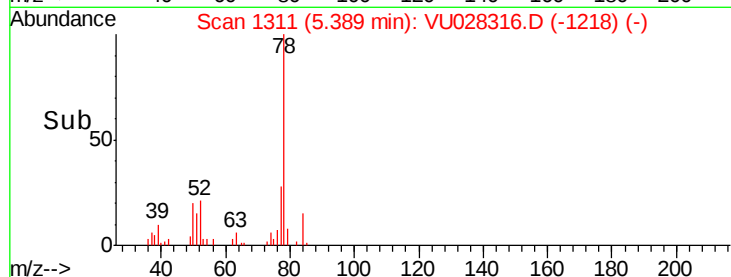
Tgt Ion: 78 Resp: 16750



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time--> 5.30 5.35 5.40 5.45



#34

Trichloroethene

Concen: 0.255 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Tgt Ion: 95 Resp: 3208

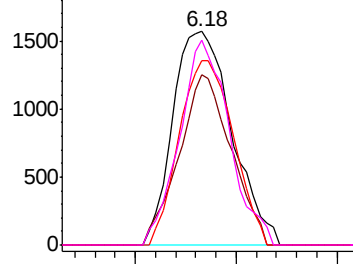
Ion	Ratio	Lower	Upper
95	100		
97	79.9	46.5	86.3
132	86.6	58.9	109.3
130	95.6	61.3	113.9

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



Time--> 6.15 6.20 6.25

