

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030741.D
 Acq On : 05 Apr 2019 14:18
 Operator : JC/SP
 Sample : K2249-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE5

Manual Integrations
 APPROVED

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 4/6/2019 11:08:38 AM

Quant Time: Apr 06 01:57:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	445314	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440334	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	191730	48.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.46%
7) Chloroethane-d5	1.68	69	157046	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.10%
11) 1,1-Dichloroethene-d2	2.27	63	274416	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.34%
21) 2-Butanone-d5	4.17	46	342101	108.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.58%
24) Chloroform-d	4.64	84	291503	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	214069	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
32) Benzene-d6	5.33	84	641707	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
36) 1,2-Dichloropropane-d6	6.32	67	225969	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.56	98	553793	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.85	79	93980	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.31	63	208203	103.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296041	49.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	188548	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.44	63	22450	3.328 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	9376m	2.598 ug/L	
30) 1,1,1-Trichloroethane	4.91	97	51938	9.678 ug/L	99
34) Trichloroethene	6.19	95	5243	1.483 ug/L	93
46) Tetrachloroethene	8.23	164	4317	1.680 ug/L	91

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

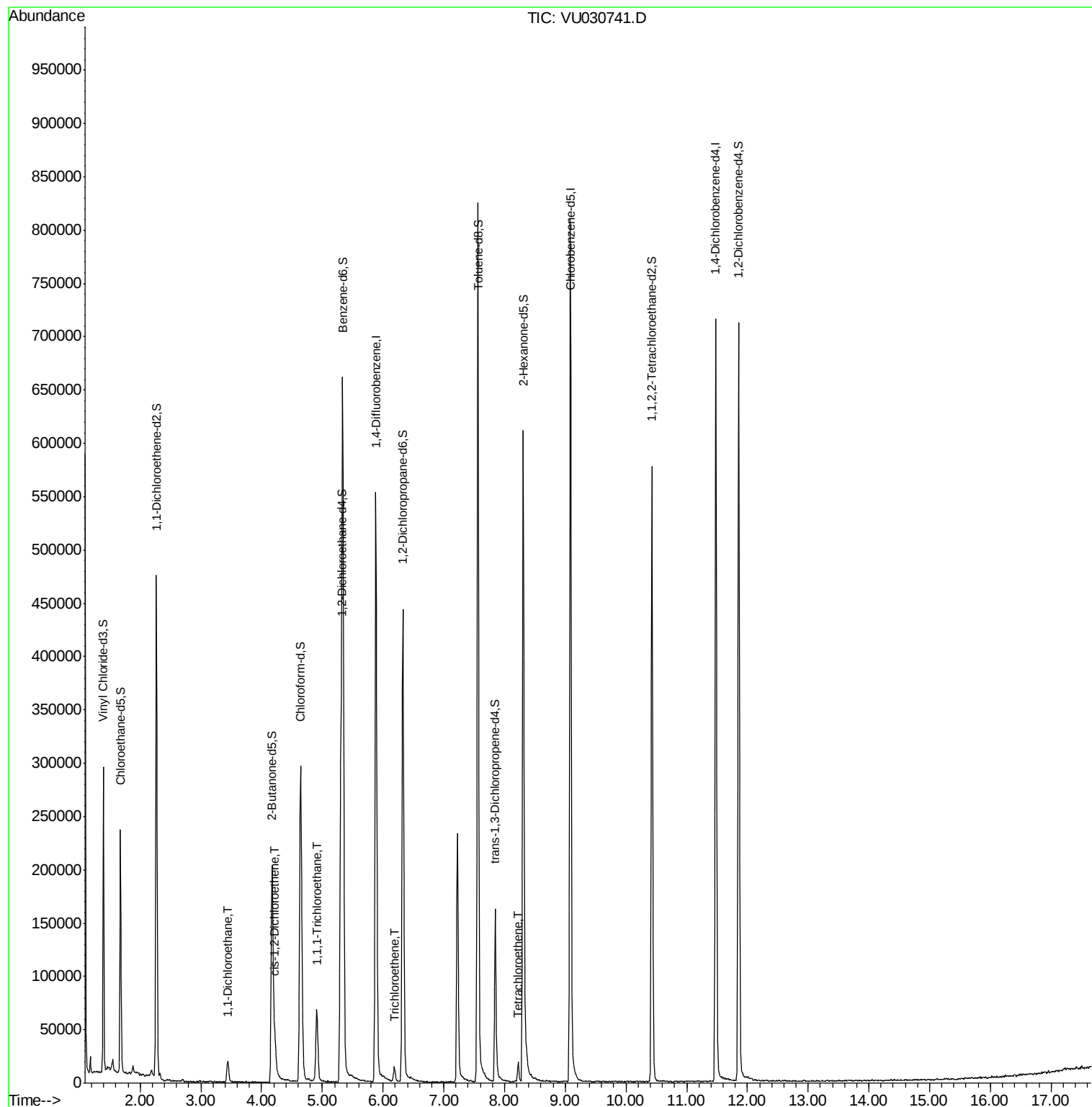
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040519\
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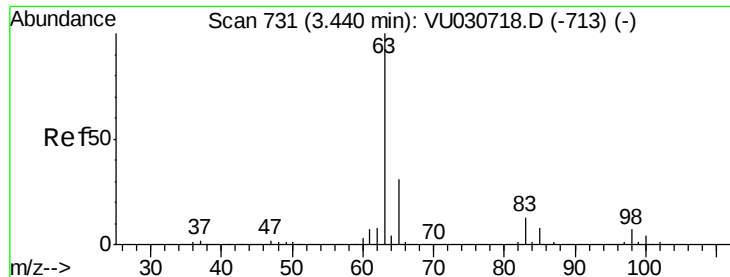
Instrument :
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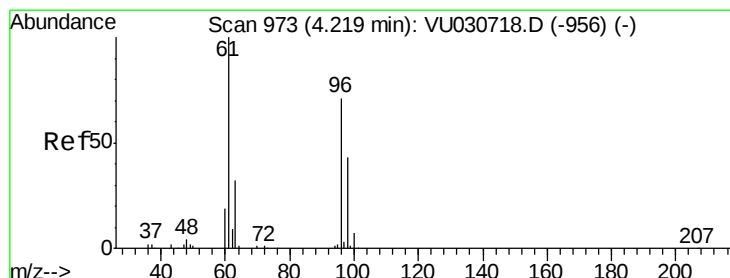
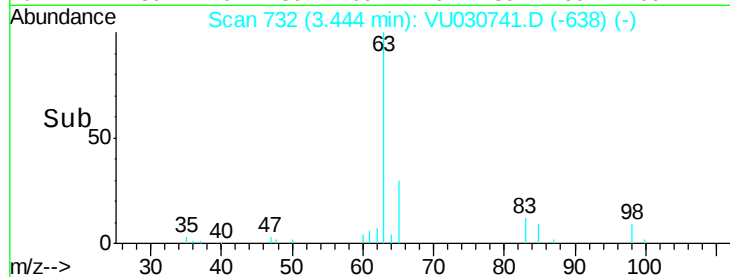
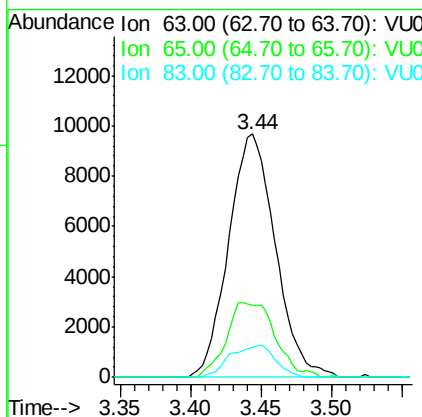
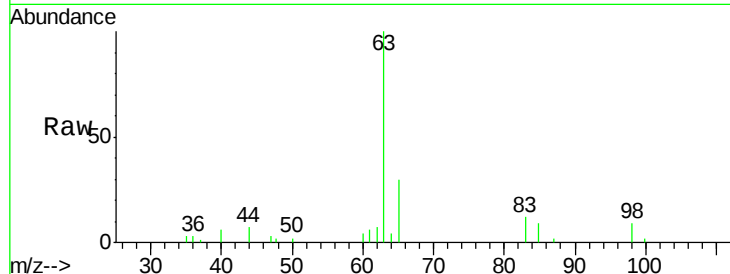
#19
 1,1-Dichloroethane
 Concen: 3.328 ug/L
 RT: 3.44 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU030741.D
 Acq: 05 Apr 2019 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE5

Tot Ion:	63	Resp:	22450
Ion	Ratio	Lower	Upper
63	100		
65	29.7	21.4	39.8
83	12.3	8.5	15.7

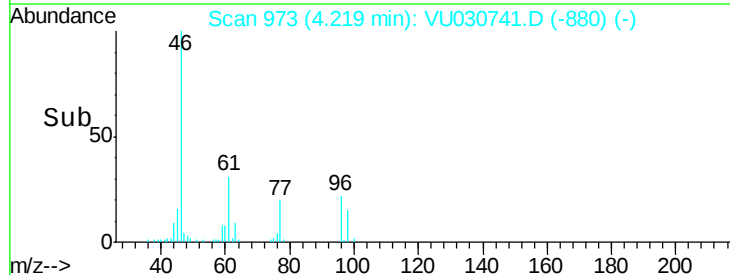
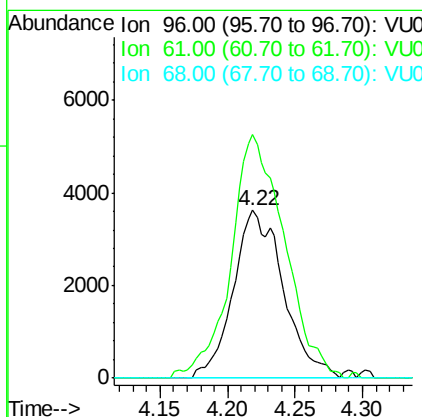
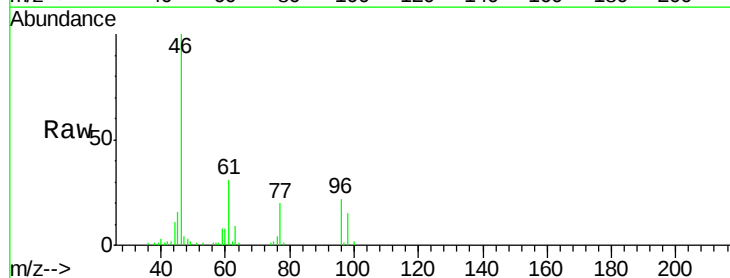
Manual Integrations
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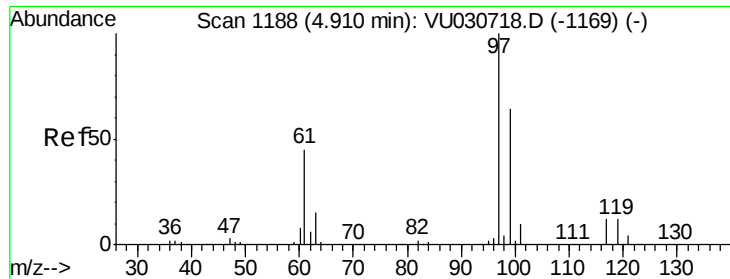
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#20
 cis-1,2-Dichloroethene
 Concen: 2.598 ug/L m
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030741.D
 Acq: 05 Apr 2019 14:18

Tgt Ion:	96	Resp:	9376
Ion	Ratio	Lower	Upper
96	100		
61	145.0	102.9	191.1
68	0.0	0.0	0.0





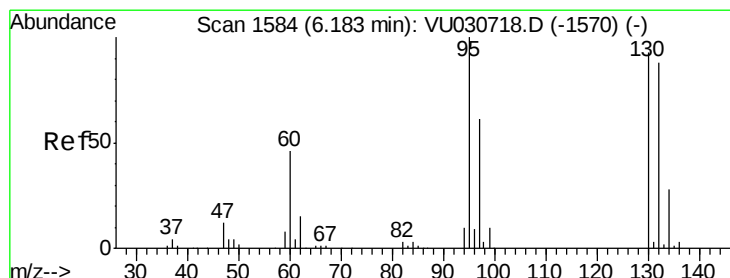
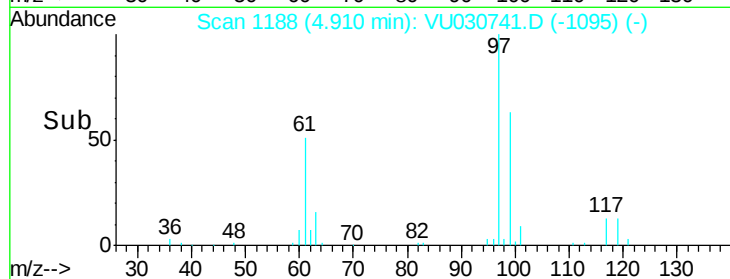
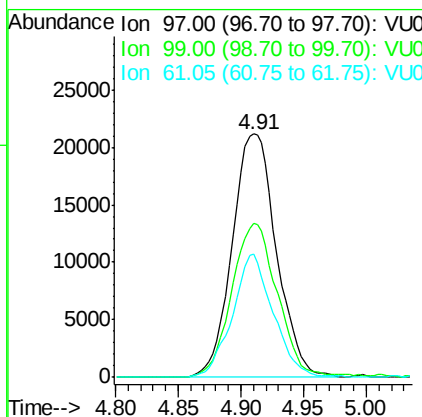
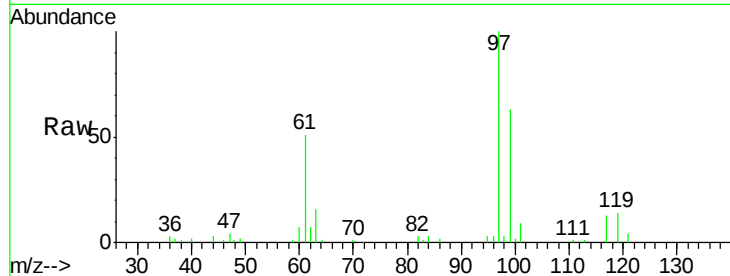
#30
 1,1,1-Trichloroethane
 Concen: 9.678 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU030741.D
 Acq: 05 Apr 2019 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	46.3	37.1	55.7

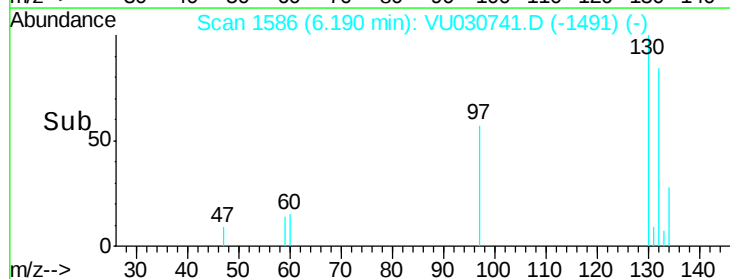
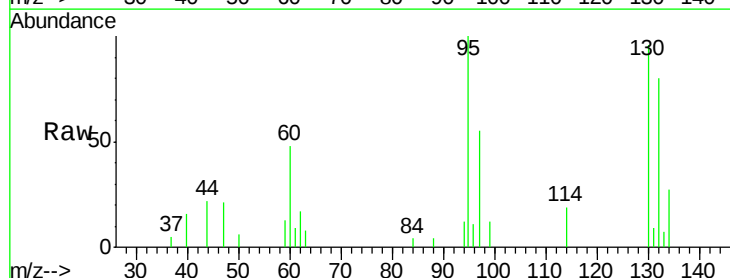
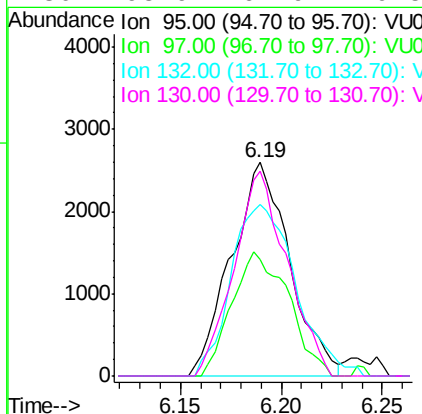
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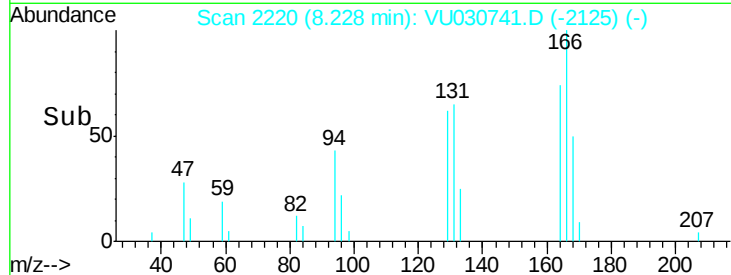
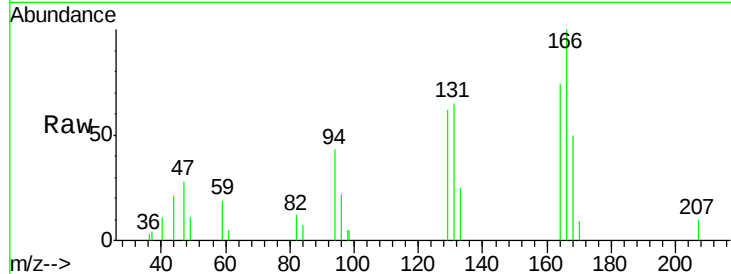
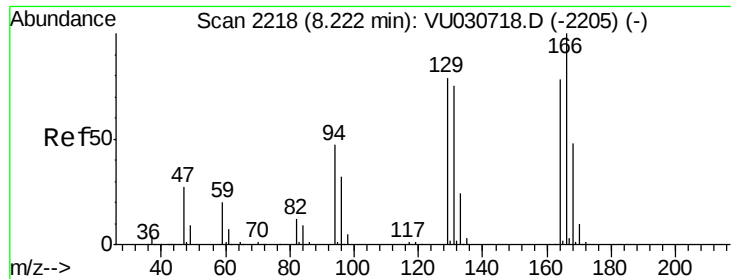
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#34
 Trichloroethene
 Concen: 1.483 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU030741.D
 Acq: 05 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
95	100		
97	54.7	44.5	82.7
132	80.1	61.5	114.1
130	95.9	64.9	120.5





#46

Tetrachloroethene

Concen: 1.680 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU030741.D

Acq: 05 Apr 2019 14:18

Tot Ion:	164	Resp:	4317
Ion Ratio	Lower	Upper	
164	100		
129	83.9	67.4	125.2
131	88.0	65.9	122.5
166	135.6	88.6	164.6

Instrument :
MSVOA_U
ClientSampleId :
E3YE5

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