

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030774.D
 Acq On : 06 Apr 2019 04:29
 Operator : JC/SP
 Sample : K2249-07DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0DL

Quant Time: Apr 06 05:36:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:25:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	202535	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	162716	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.84%
11) 1,1-Dichloroethene-d2	2.27	63	281931	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	4.17	46	337688	105.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	4.64	84	293073	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.31	65	214807	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.34	84	627762	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	219873	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.56	98	529887	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.85	79	91994	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
47) 2-Hexanone-d5	8.31	63	199579	99.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293338	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	176087	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%

Target Compounds

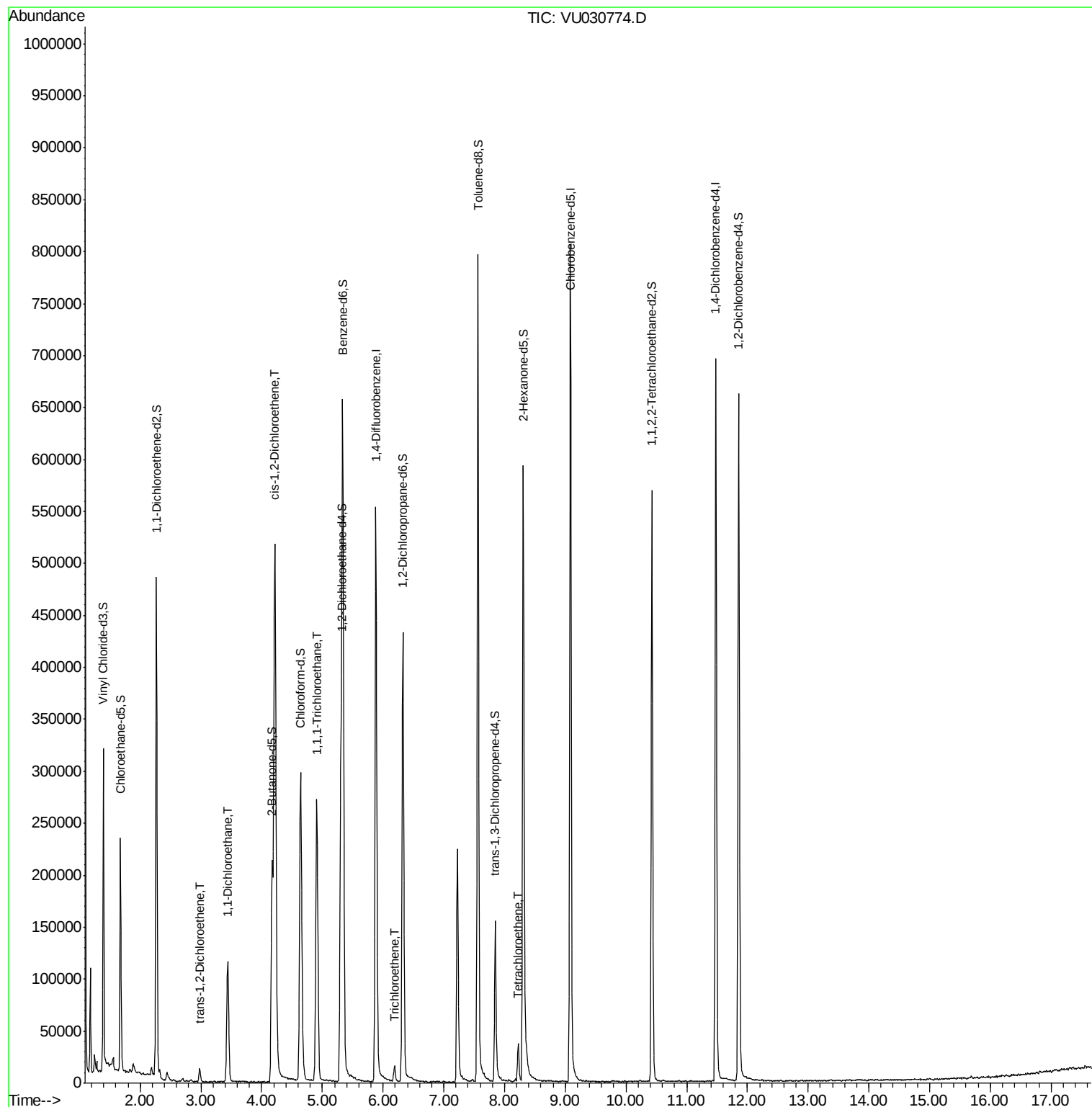
					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	5157	1.548 ug/L	95
19) 1,1-Dichloroethane	3.44	63	131839	19.180 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	274078	74.523 ug/L	94
30) 1,1,1-Trichloroethane	4.91	97	213184	39.700 ug/L	100
34) Trichloroethene	6.19	95	4708	1.331 ug/L	89
46) Tetrachloroethene	8.23	164	8449	3.286 ug/L	90

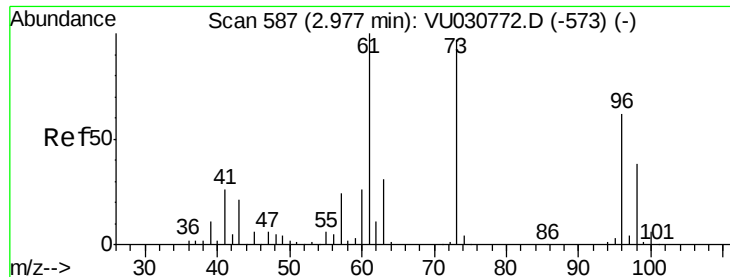
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030774.D
Acq On : 06 Apr 2019 04:29
Operator : JC/SP
Sample : K2249-07DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE0DL

Quant Time: Apr 06 05:36:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:25:32 2019
Response via : Initial Calibration

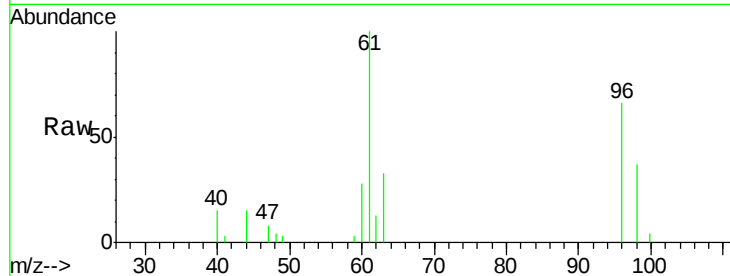




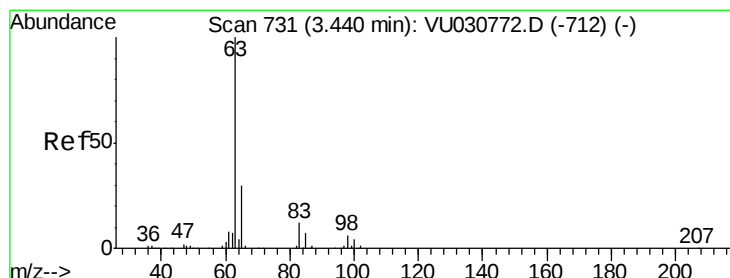
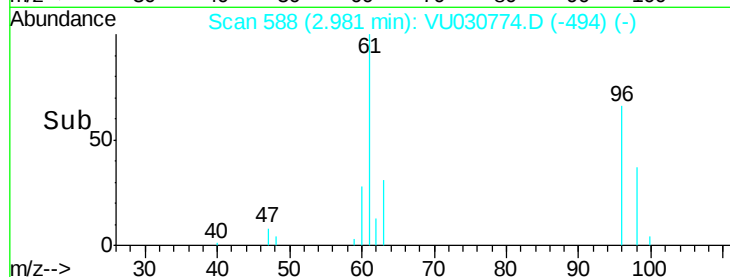
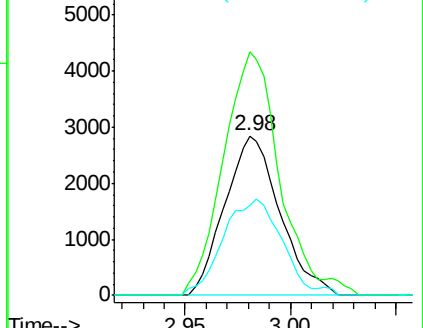
#17
trans-1,2-Dichloroethene
Concen: 1.548 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU030774.D
Acq: 06 Apr 2019 04:29

Instrument :
MSVOA_U
ClientSampleId :
E3YE0DL

Tot Ion: 96 Resp: 5157
Ion Ratio Lower Upper
96 100
61 152.5 109.5 203.3
98 56.2 44.0 81.6

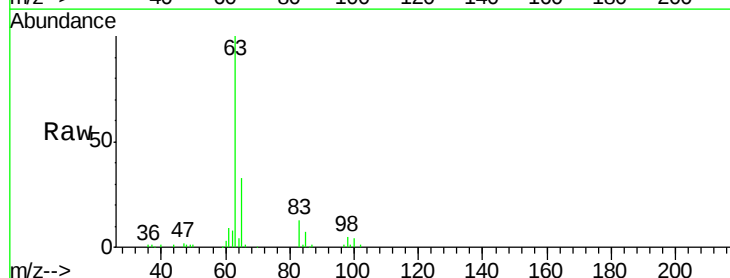


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

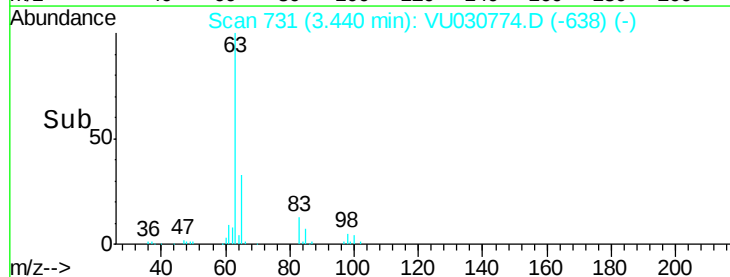
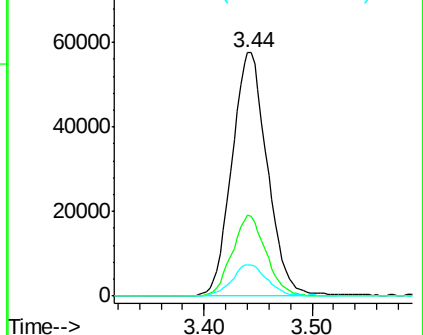


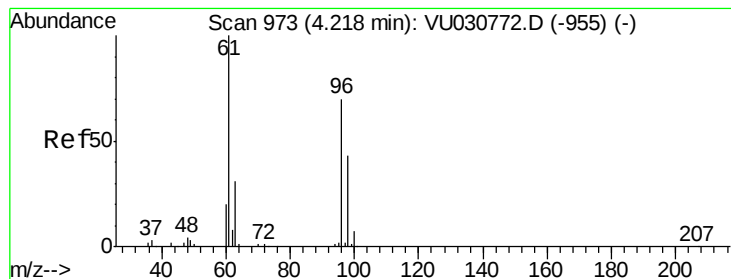
#19
1,1-Dichloroethane
Concen: 19.180 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU030774.D
Acq: 06 Apr 2019 04:29

Tgt Ion: 63 Resp: 131839
Ion Ratio Lower Upper
63 100
65 33.0 21.4 39.8
83 12.8 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



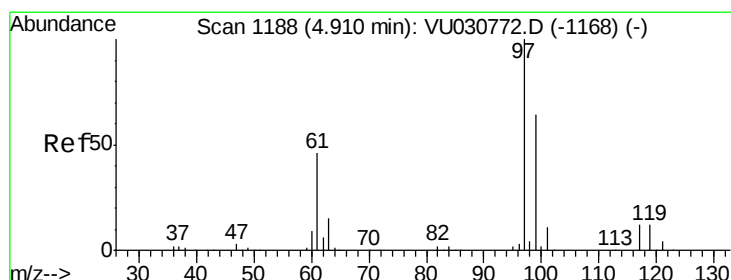
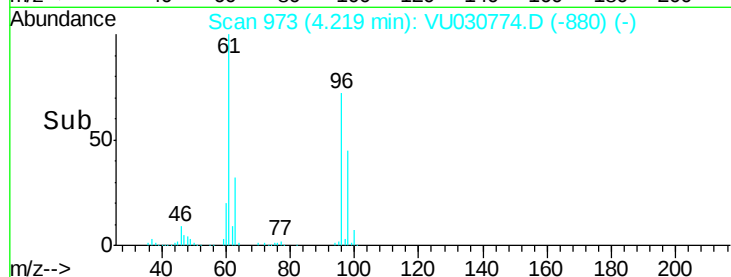
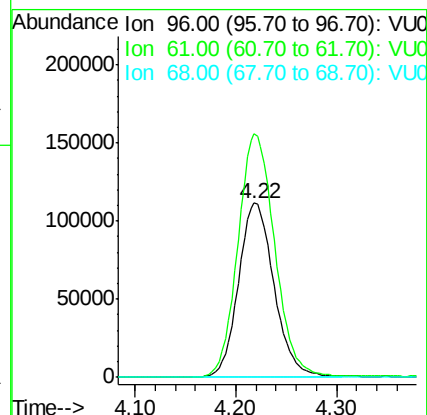
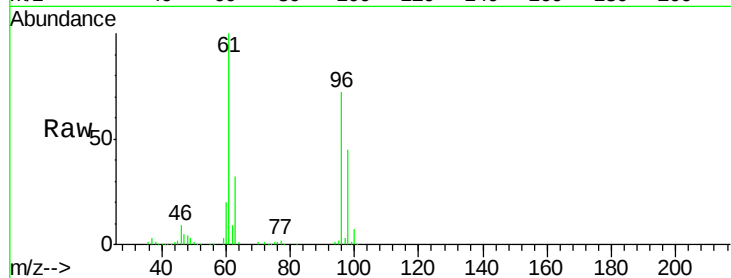


#20

cis-1,2-Dichloroethene
 Concen: 74.523 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0DL

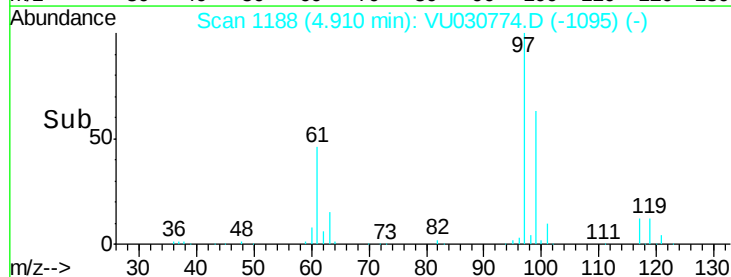
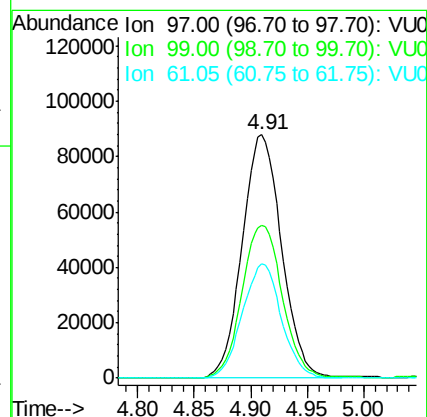
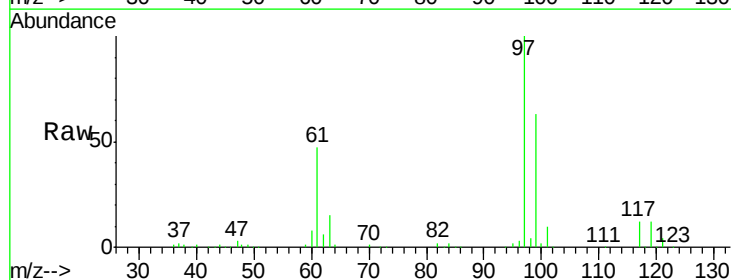
Tot Ion	96	Resp	274078
Ion	Ratio	Lower	Upper
96	100		
61	139.8	102.9	191.1
68	0.0	0.0	0.0

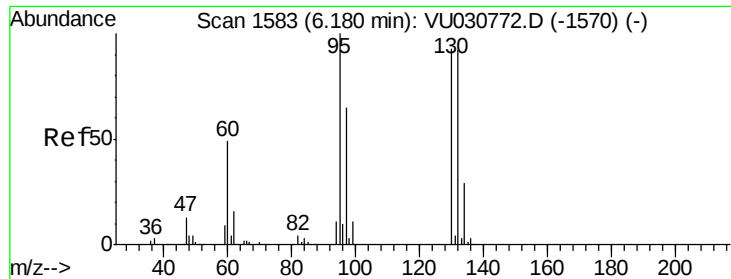


#30

1,1,1-Trichloroethane
 Concen: 39.700 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Tgt Ion	97	Resp	213184
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	46.5	37.1	55.7

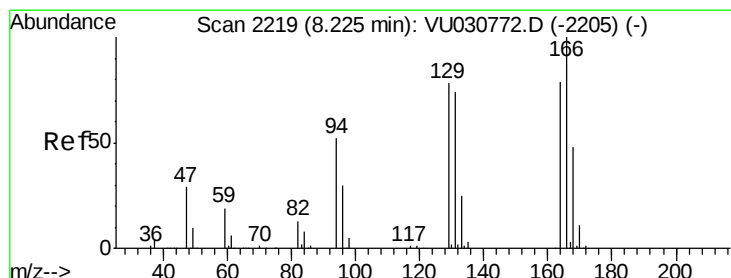
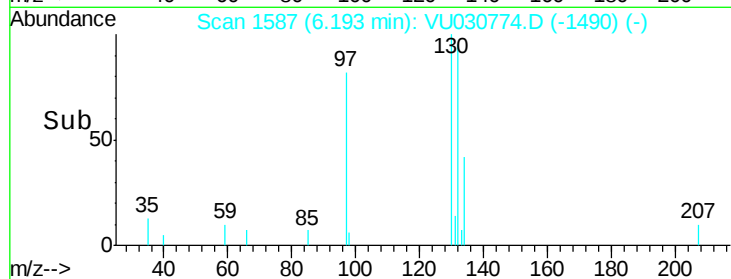
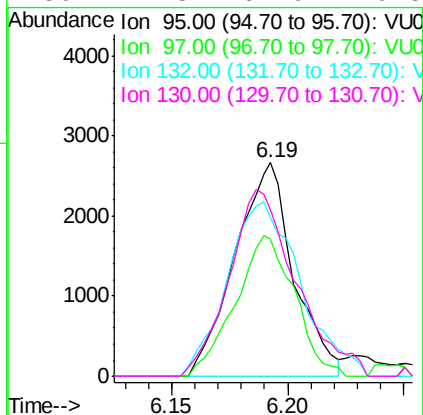
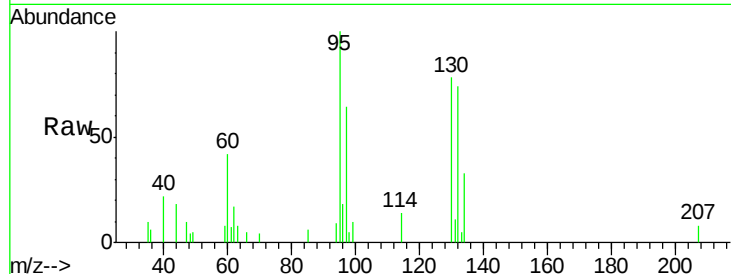




#34
 Trichloroethene
 Concen: 1.331 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0DL

Tot Ion: 95 Resp: 4708
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.5 82.7
 132 74.1 61.5 114.1
 130 77.8 64.9 120.5



#46
 Tetrachloroethene
 Concen: 3.286 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Tgt Ion: 164 Resp: 8449
 Ion Ratio Lower Upper
 164 100
 129 118.7 67.4 125.2
 131 94.5 65.9 122.5
 166 134.3 88.6 164.6

