

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032007.D
 Acq On : 14 May 2019 20:11
 Operator : JC/SP
 Sample : K2738-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB893

Quant Time: May 15 05:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1101264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	1076729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	425254	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	407504	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.34%
7) Chloroethane-d5	1.68	69	349901	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.27	63	571416	32.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.98%
21) 2-Butanone-d5	4.17	46	640639	94.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.67%
24) Chloroform-d	4.64	84	712308	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.30	65	470700	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.33	84	1514045	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.32	67	504821	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.56	98	1305540	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	7.85	79	199080	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.31	63	431779	103.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	685819	45.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	448515	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

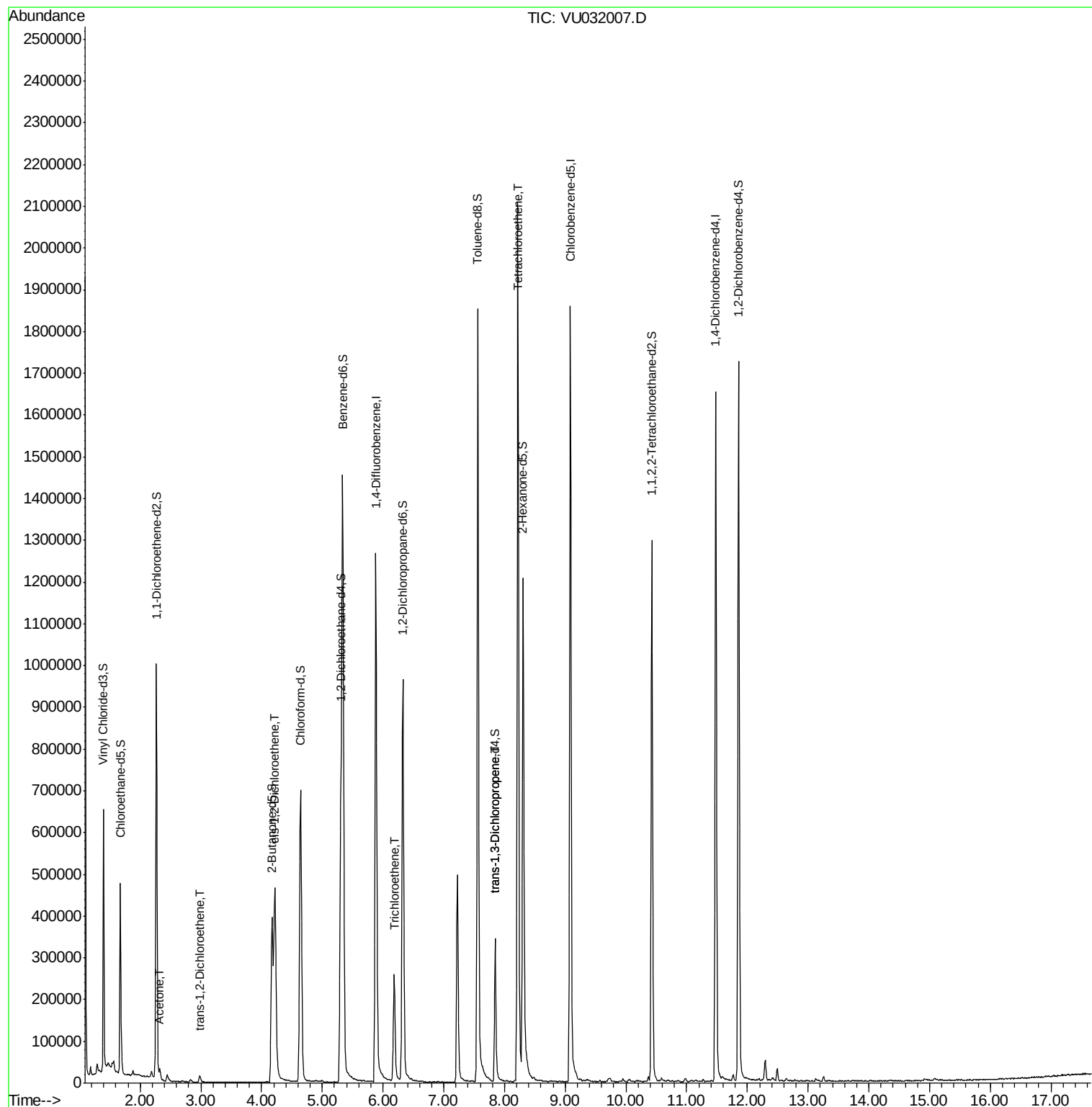
					Ovalue
13) Acetone	2.32	43	21946	3.155 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	6811	0.805 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	246523	26.341 ug/L	96
34) Trichloroethene	6.18	95	96206	11.015 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	8458	0.716 ug/L	94
46) Tetrachloroethene	8.22	164	479895	77.820 ug/L	99

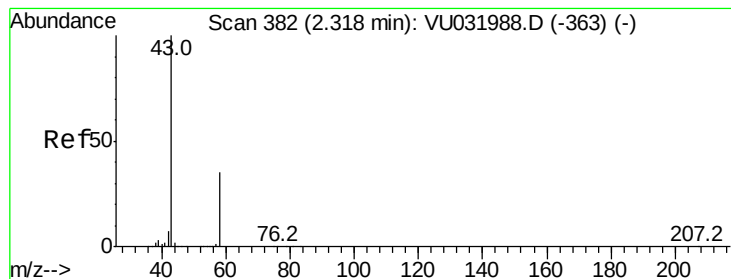
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.155 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

Instrument :

MSVOA_U

ClientSampled :

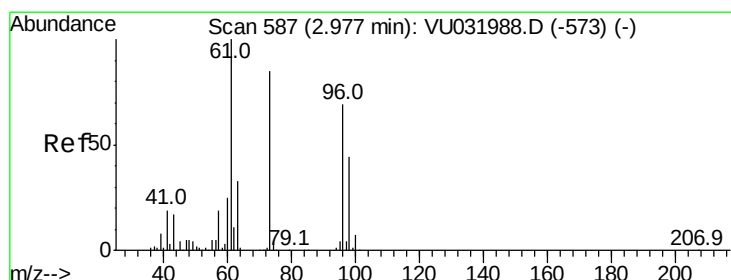
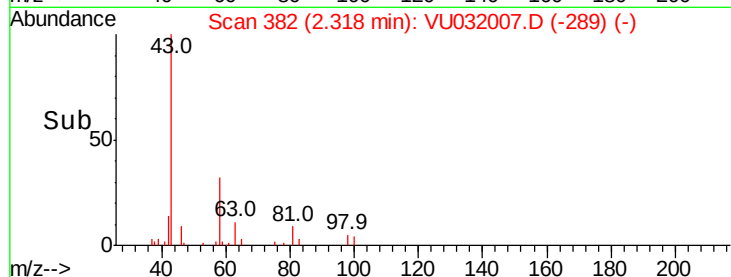
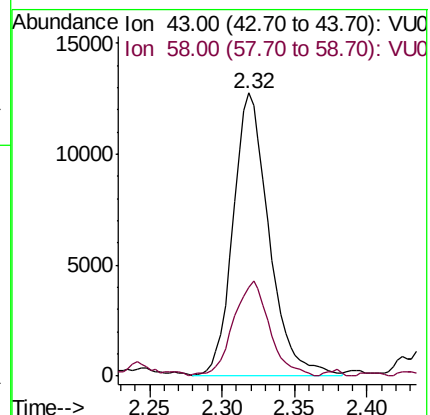
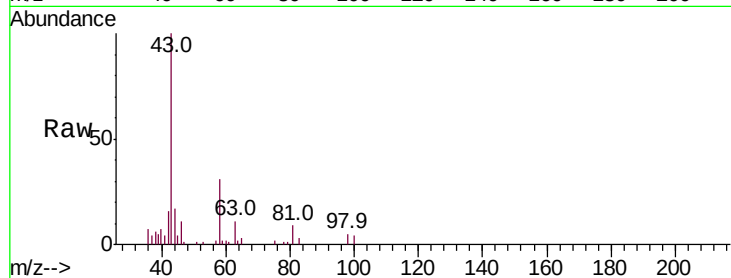
DB893

Tot Ion: 43 Resp: 21946

Ion Ratio Lower Upper

43 100

58 33.4 0.0 68.2



#17

trans-1,2-Dichloroethene

Concen: 0.805 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

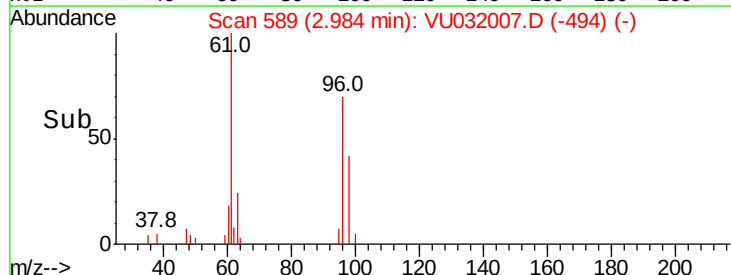
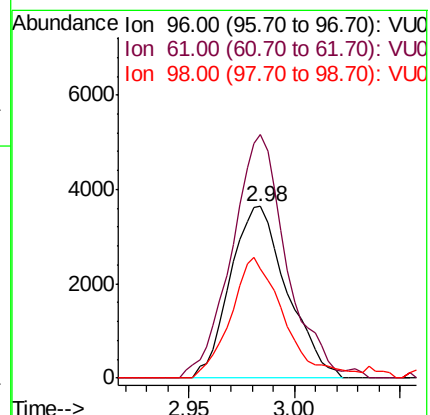
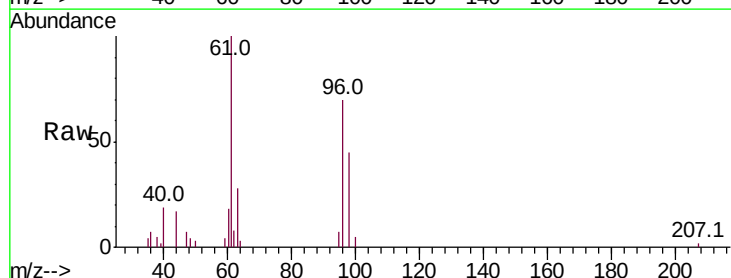
Tgt Ion: 96 Resp: 6811

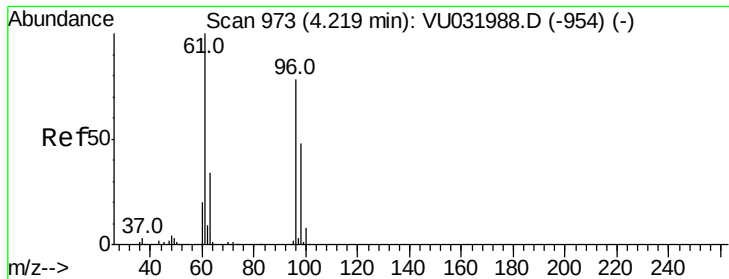
Ion Ratio Lower Upper

96 100

61 142.1 103.2 191.6

98 63.7 45.7 84.9



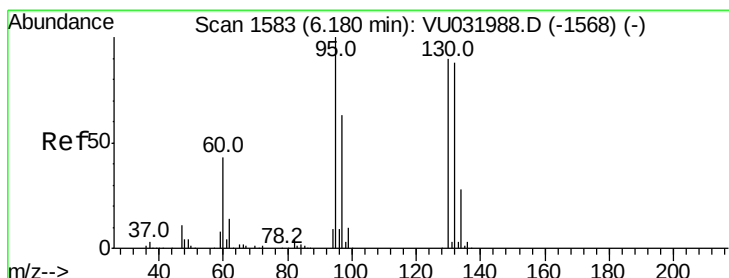
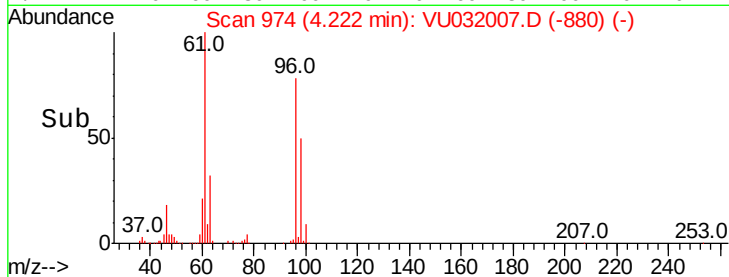
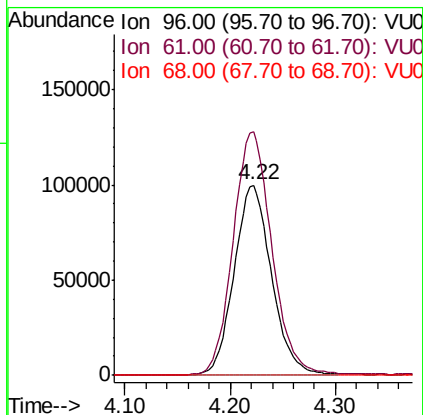
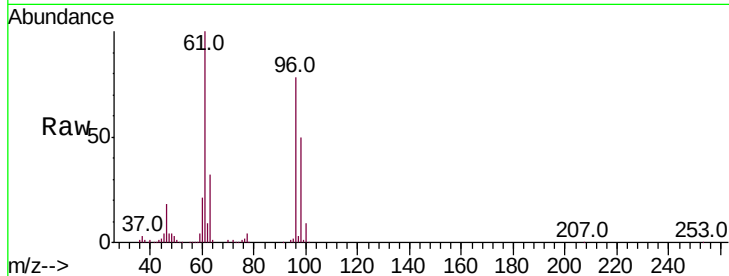


#20

cis-1,2-Dichloroethene
 Concen: 26.341 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032007.D
 Acq: 14 May 2019 20:11

Instrument :
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 ClientSampleId :
 DB893

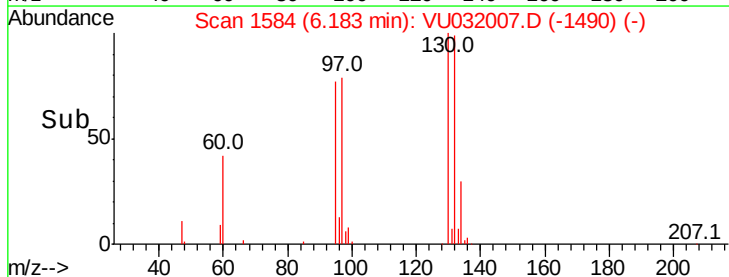
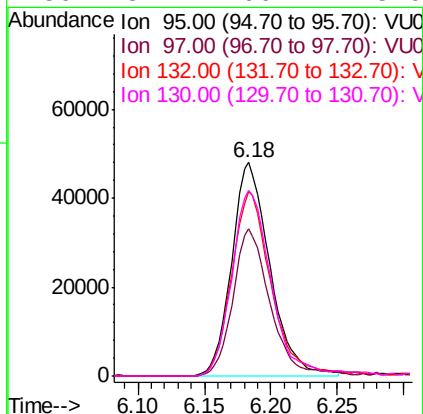
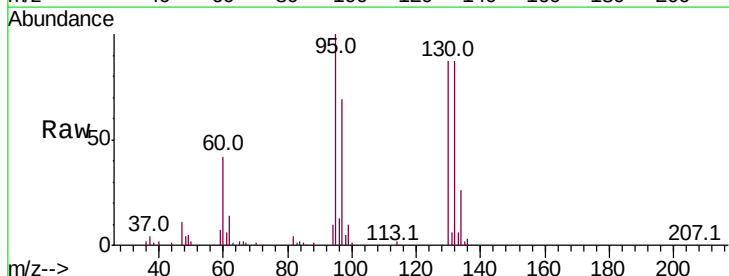
Tot Ion: 96 Resp: 246523
 Ion Ratio Lower Upper
 96 100
 61 128.1 93.0 172.8
 68 0.0 0.0 0.0

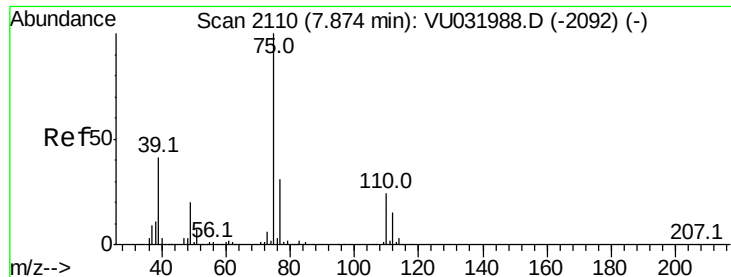


#34

Trichloroethene
 Concen: 11.015 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032007.D
 Acq: 14 May 2019 20:11

Tgt Ion: 95 Resp: 96206
 Ion Ratio Lower Upper
 95 100
 97 68.8 44.9 83.3
 132 86.5 63.5 117.9
 130 87.1 66.2 123.0

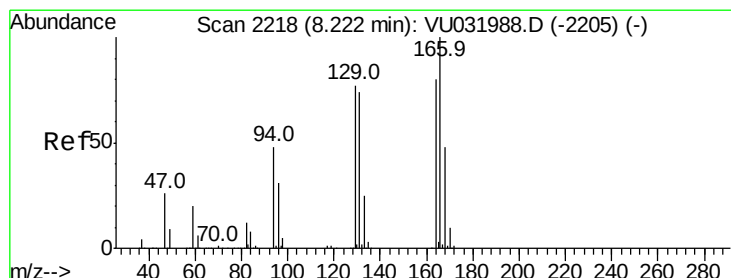
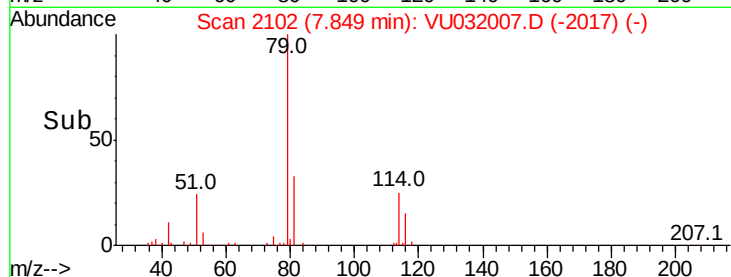
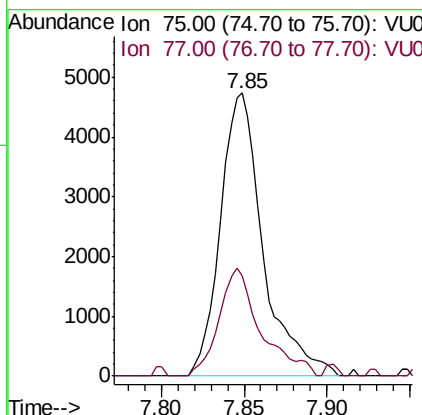
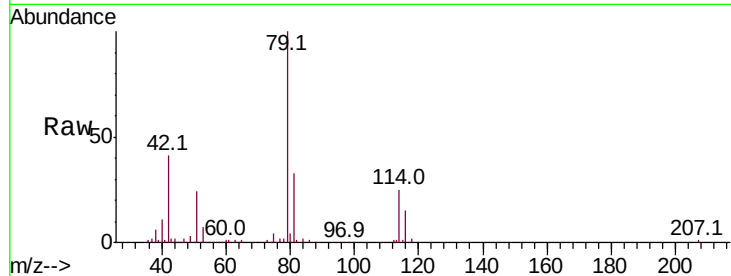




#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032007.D
Acq: 14 May 2019 20:11

Instrument :
MSVOA_U
ClientSampled :
DB893

Tot Ion: 75 Resp: 8458
Ion Ratio Lower Upper
75 100
77 35.3 22.5 41.7



#46
Tetrachloroethene
Concen: 77.820 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032007.D
Acq: 14 May 2019 20:11

Tgt Ion: 164 Resp: 479895
Ion Ratio Lower Upper
164 100
129 99.1 70.9 131.7
131 95.3 67.4 125.2
166 130.3 90.2 167.4

