

Data File : VU033893.D
Acq On : 21 Aug 2019 23:42
Operator : JC/SP
Sample : K4454-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B90

Quant Time: Aug 22 07:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	389705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	403289	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	167519	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147197	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.96%
7) Chloroethane-d5	1.67	69	134344	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.94%
11) 1,1-Dichloroethene-d2	2.25	63	196455	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.15	46	218828	119.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.01%
24) Chloroform-d	4.62	84	252163	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	5.29	65	171313	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.32	84	499363	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
36) 1,2-Dichloropropane-d6	6.31	67	170605	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.55	98	427084	40.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.83	79	67944	39.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.56%
47) 2-Hexanone-d5	8.29	63	146705	108.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	255103	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
64) 1,2-Dichlorobenzene-d4	11.84	152	166916	49.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.98%

Target Compounds

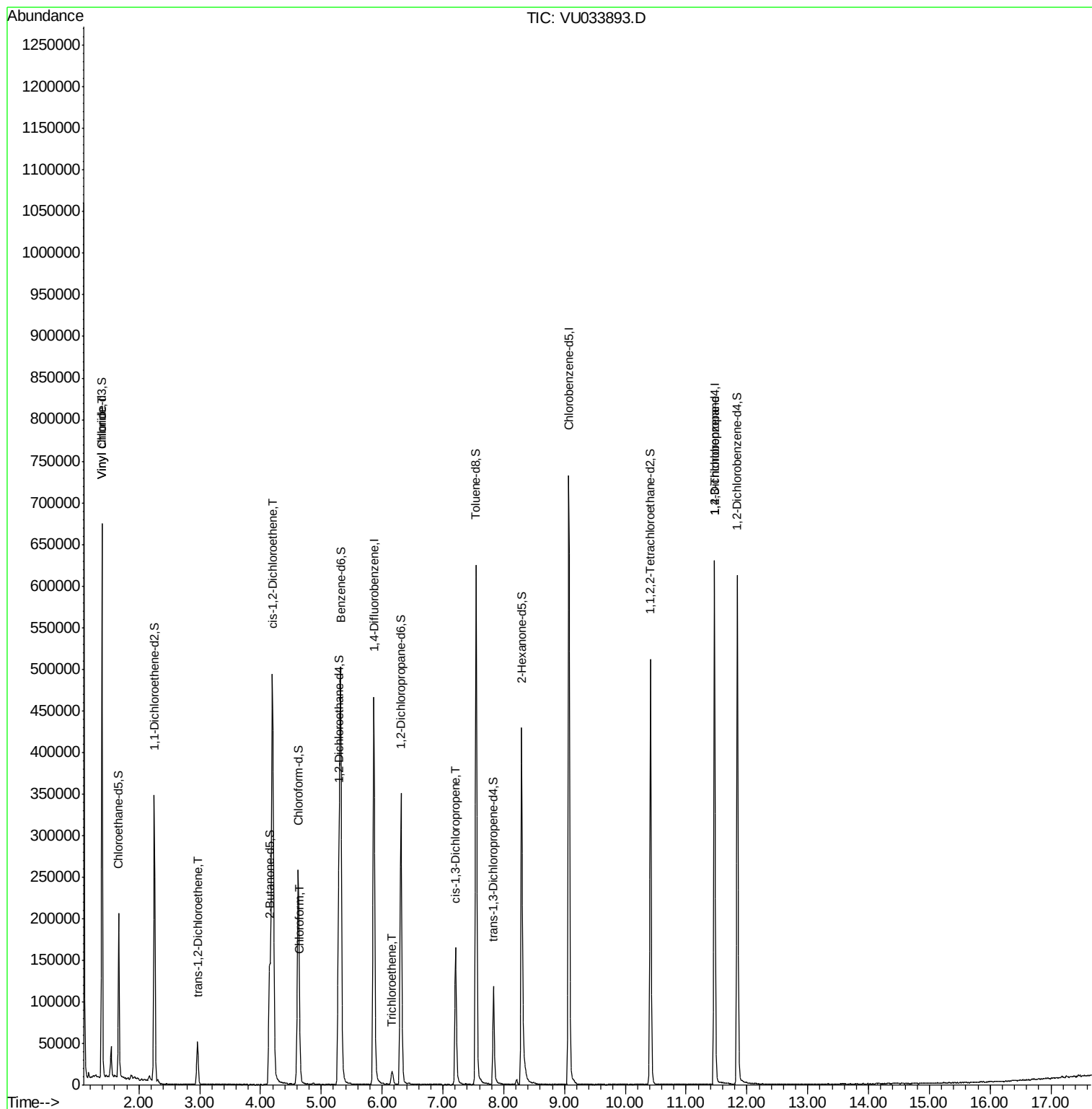
					Qvalue
5) Vinyl chloride	1.39	62	290358	66.335 ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	20336	7.243 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	269137	88.614 ug/L	95
25) Chloroform	4.65	83	4966	0.884 ug/L	85
34) Trichloroethene	6.17	95	3828	1.177 ug/L	94
39) cis-1,3-Dichloropropene	7.21	75	4398	0.905 ug/L #	74
59) 1,2,3-Trichloropropane	11.47	75	19376	4.795 ug/L	93

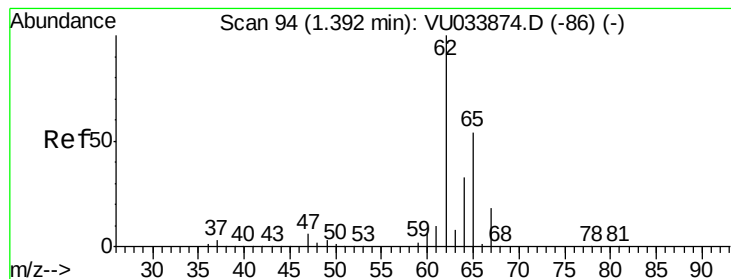
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 66.335 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

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ClientSampleId :

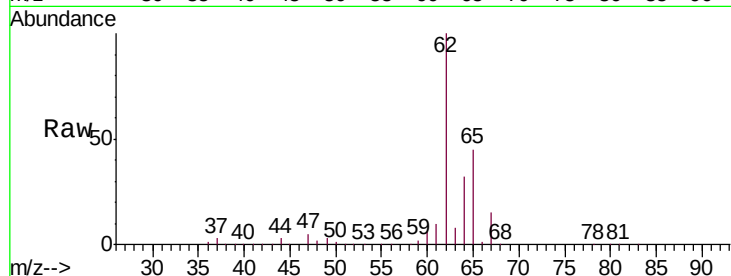
F2B90

Tgt Ion: 62 Resp: 290358

Ion Ratio Lower Upper

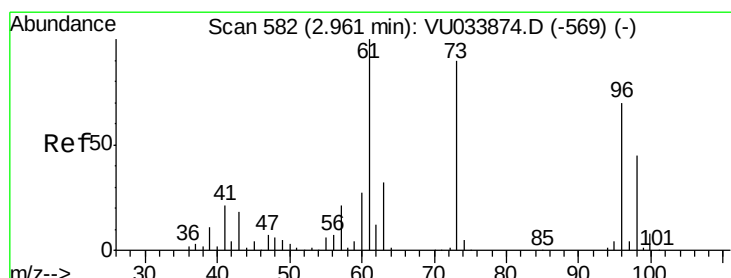
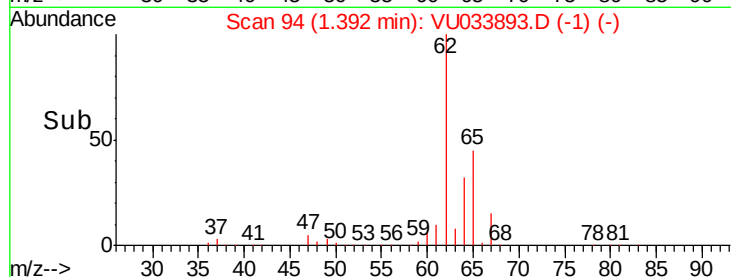
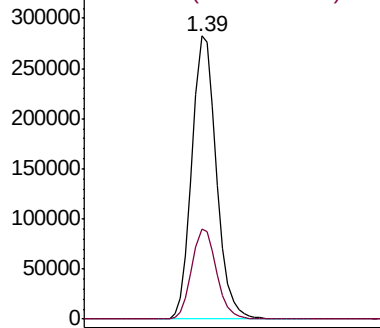
62 100

64 31.9 23.3 43.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 7.243 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

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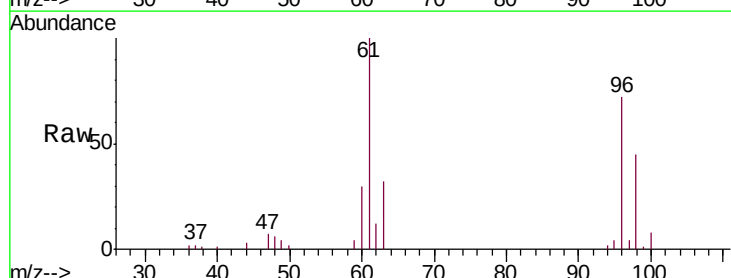
Tgt Ion: 96 Resp: 20336

Ion Ratio Lower Upper

96 100

61 138.1 98.6 183.2

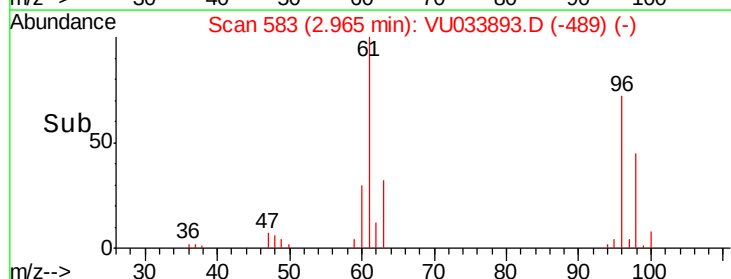
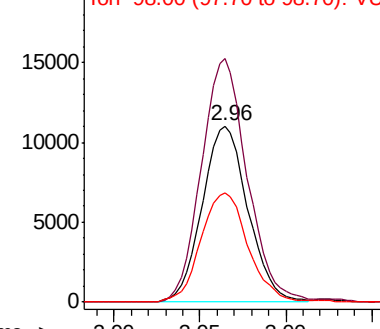
98 61.6 43.8 81.3

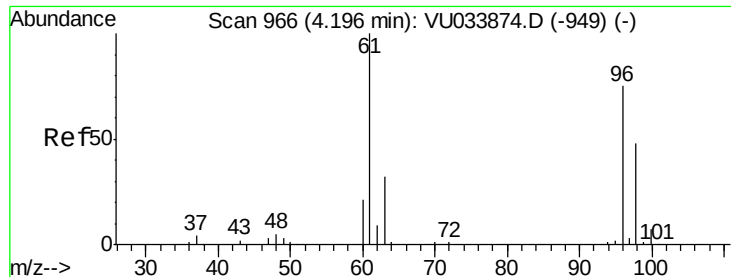


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

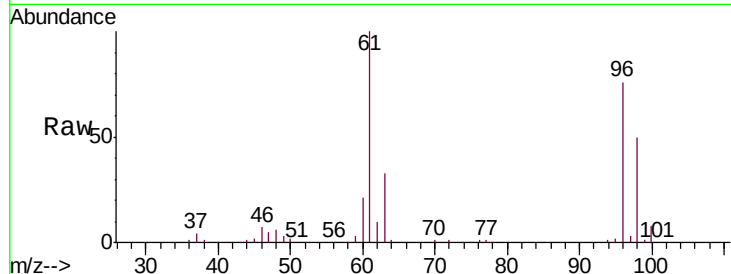




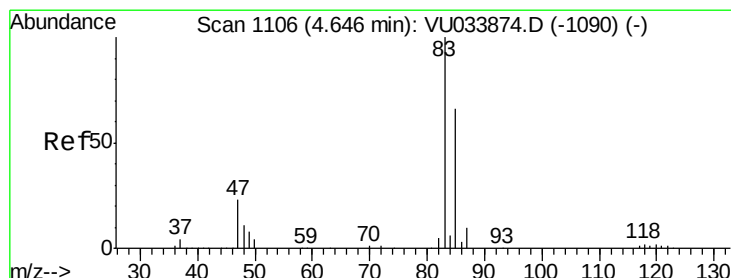
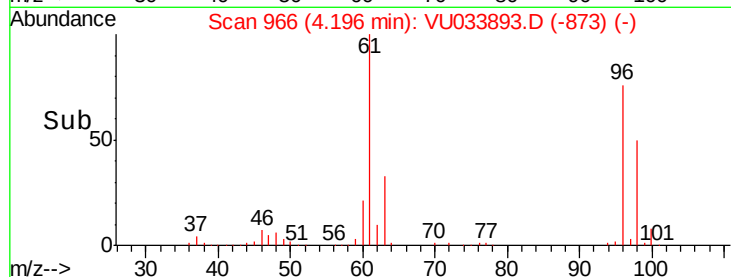
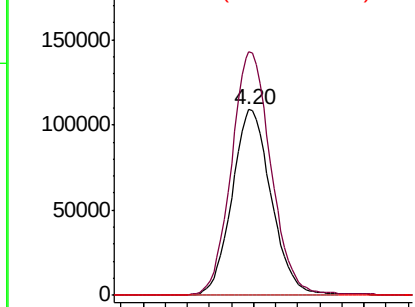
#20
 cis-1,2-Dichloroethene
 Concen: 88.614 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033893.D
 Acq: 21 Aug 2019 23:42

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 ClientSampleId :
 F2B90

Tgt Ion: 96 Resp: 269137
 Ion Ratio Lower Upper
 96 100
 61 131.2 88.2 163.8
 68 0.0 0.0 0.0

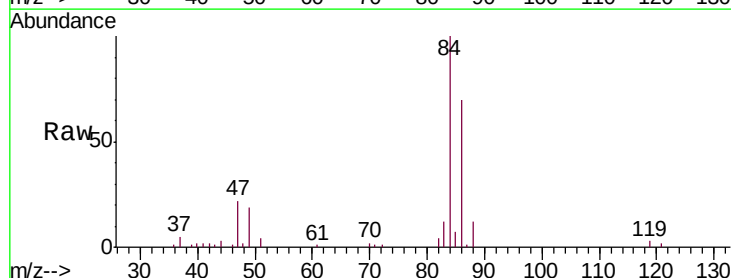


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

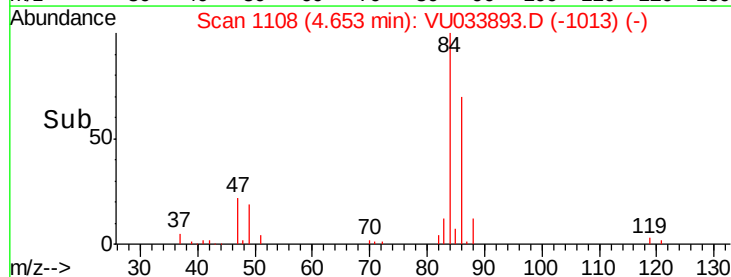
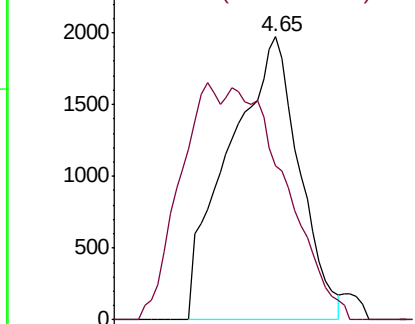


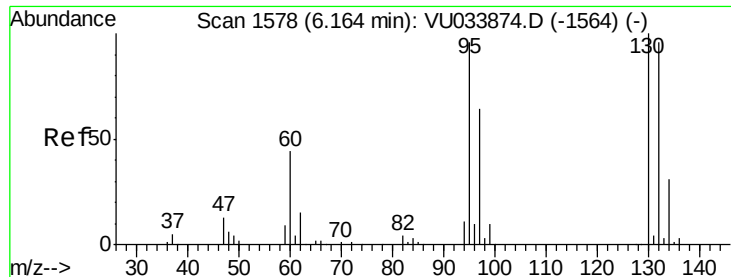
#25
 Chloroform
 Concen: 0.884 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: VU033893.D
 Acq: 21 Aug 2019 23:42

Tgt Ion: 83 Resp: 4966
 Ion Ratio Lower Upper
 83 100
 85 54.5 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

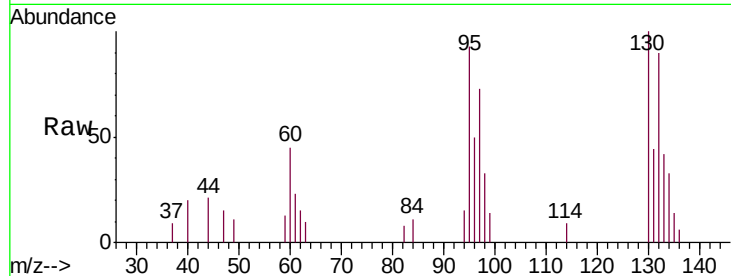




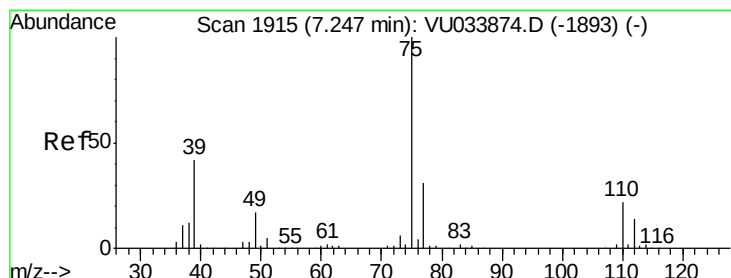
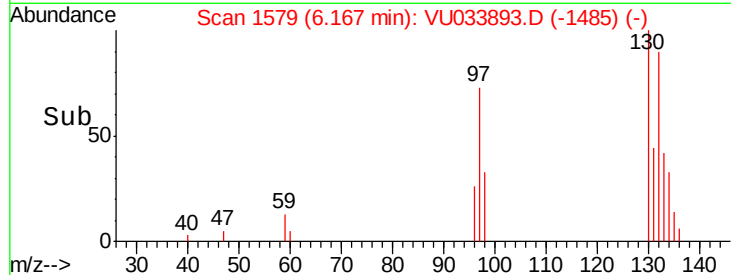
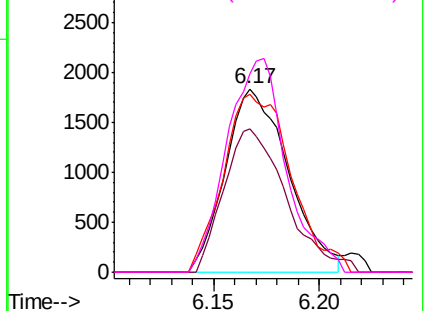
#34
 Trichloroethene
 Concen: 1.177 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033893.D
 Acq: 21 Aug 2019 23:42

Instrument :
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 ClientSampleId :
 F2B90

Tgt Ion: 95 Resp: 3828
 Ion Ratio Lower Upper
 95 100
 97 78.1 46.3 86.1
 132 97.0 67.9 126.1
 130 107.7 72.0 133.6

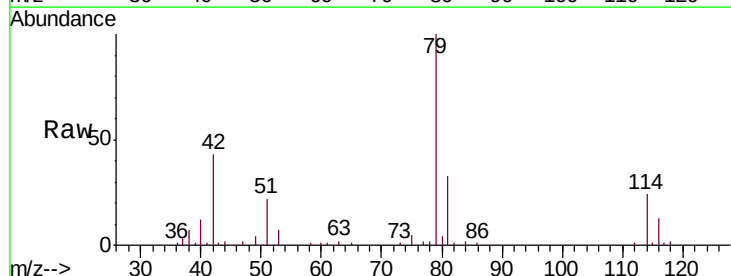


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

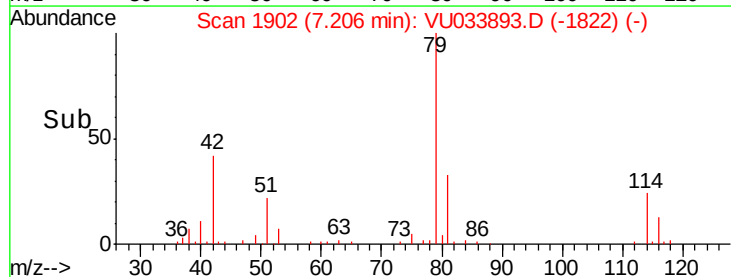
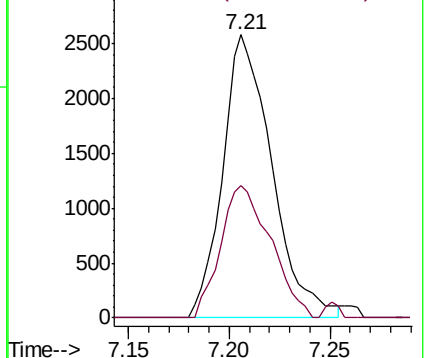


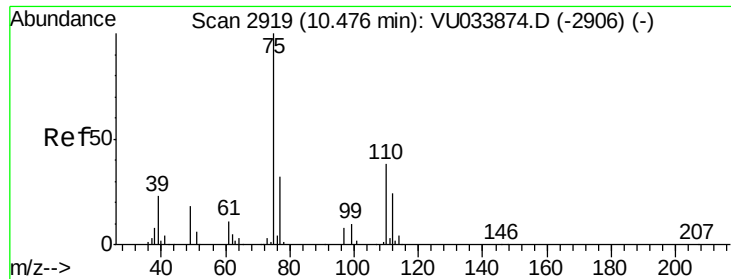
#39
 cis-1,3-Dichloropropene
 Concen: 0.905 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033893.D
 Acq: 21 Aug 2019 23:42

Tgt Ion: 75 Resp: 4398
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.795 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033893.D

Acq: 21 Aug 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

F2B90

Tgt Ion: 75 Resp: 19376

Ion Ratio Lower Upper

75 100

77 36.2 26.0 39.0

