

Data File : VU036978.D
Acq On : 28 Feb 2020 17:23
Operator : JC/MD
Sample : L1730-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XW4

Quant Time: Feb 29 00:35:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249867	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82745	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.86%
7) Chloroethane-d5	1.93	69	77227	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.96%
11) 1,1-Dichloroethene-d2	2.59	63	109944	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	4.67	46	148660	105.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.11	84	150939	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.74	65	104931	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
32) Benzene-d6	5.76	84	327612	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.72	67	108869	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.92	98	297377	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	8.20	79	45854	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.66	63	107206	100.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151329	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	90431	53.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.90%

Target Compounds

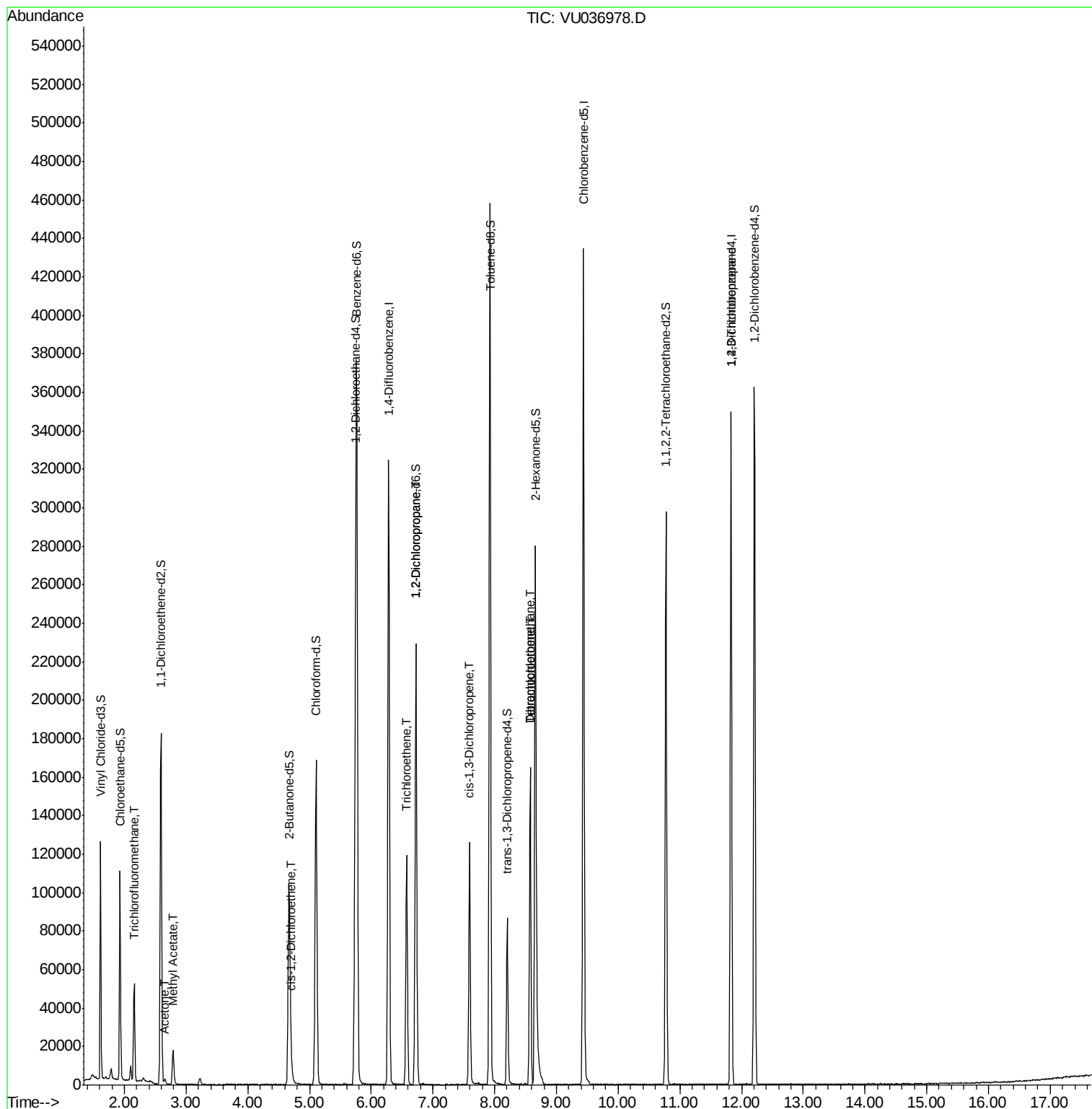
						Qvalue
9) Trichlorofluoromethane	2.16	101	30627	11.482	ug/L	99
13) Acetone	2.66	43	3039	2.099	ug/L	95
15) Methyl Acetate	2.79	43	4966	2.250	ug/L #	52
20) cis-1,2-Dichloroethene	4.71	96	3598	1.856	ug/L	74
34) Trichloroethene	6.57	95	39659	21.923	ug/L	98
37) 1,2-Dichloropropane	6.73	63	11605	5.856	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2977	0.975	ug/L #	64
46) Tetrachloroethene	8.57	164	32820	27.539	ug/L	98
49) Dibromochloromethane	8.57	129	33952	20.297	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	13053	5.120	ug/L	95

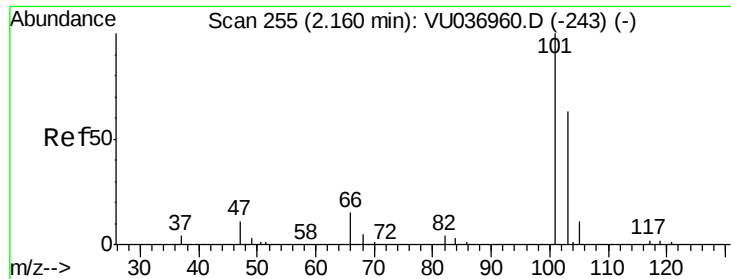
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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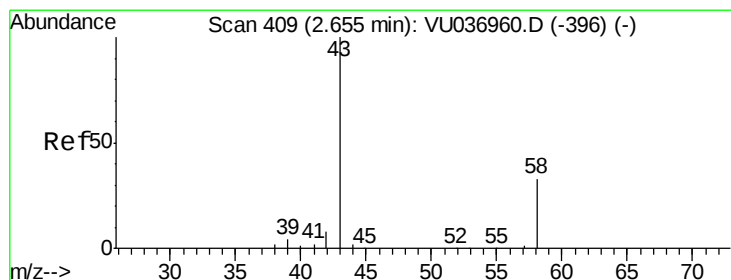
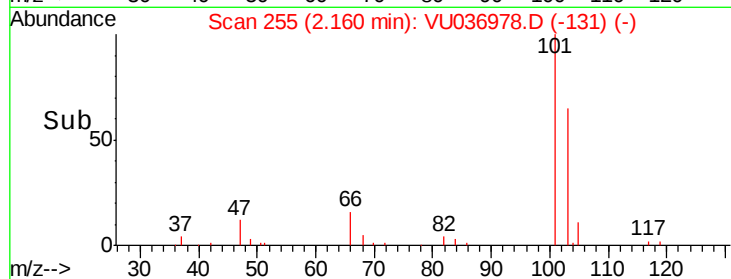
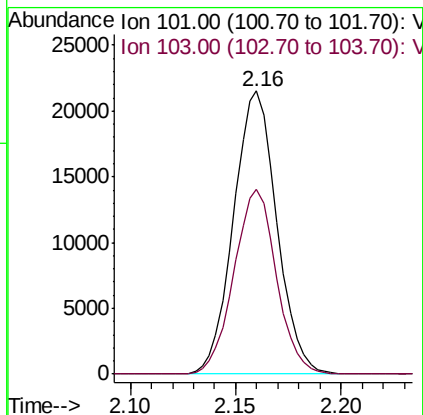
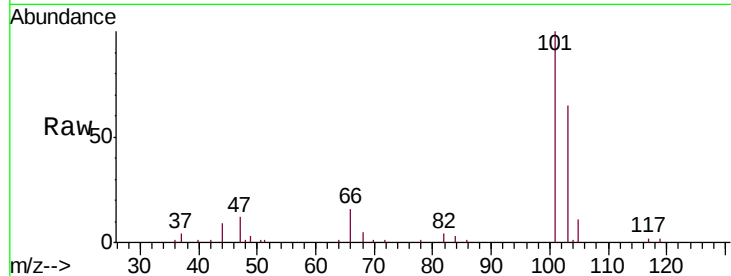


#9

Trichlorofluoromethane
 Concen: 11.482 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036978.D
 Acq: 28 Feb 2020 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW4

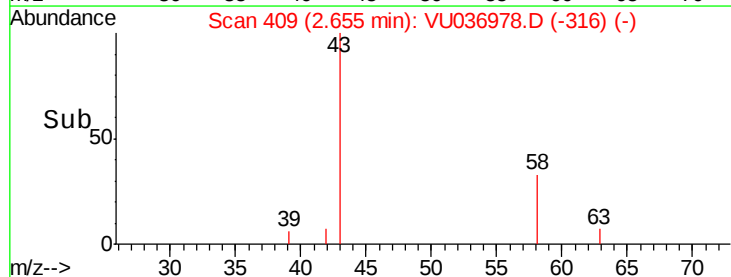
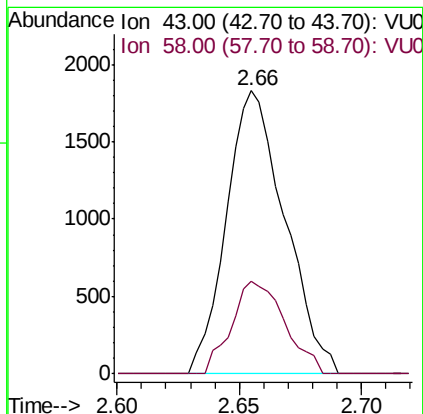
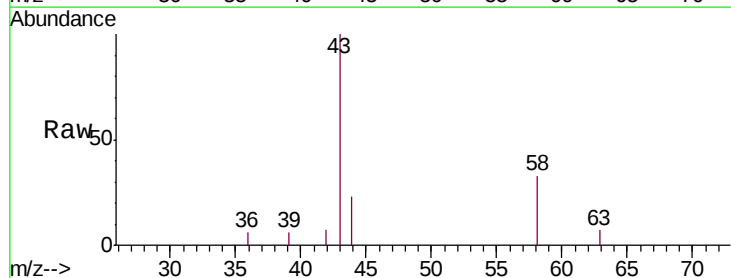
Tgt Ion:101 Resp: 30627
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3

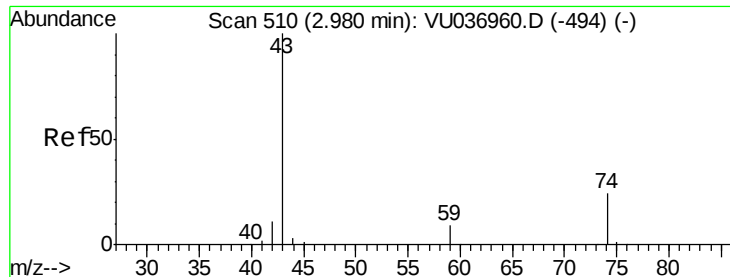


#13

Acetone
 Concen: 2.099 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU036978.D
 Acq: 28 Feb 2020 17:23

Tgt Ion: 43 Resp: 3039
 Ion Ratio Lower Upper
 43 100
 58 29.7 0.0 64.6





#15

Methyl Acetate

Concen: 2.250 ug/L

RT: 2.79 min Scan# 450

Delta R.T. -0.19 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

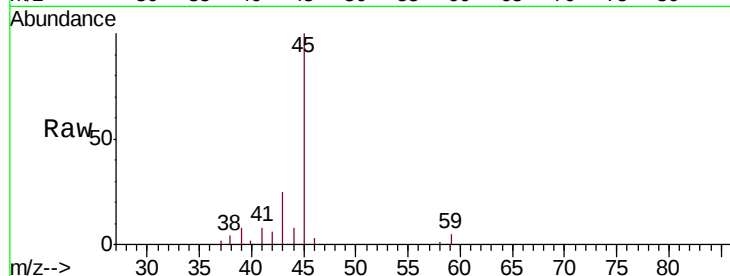
C0XW4

Tgt Ion: 43 Resp: 4966

Ion Ratio Lower Upper

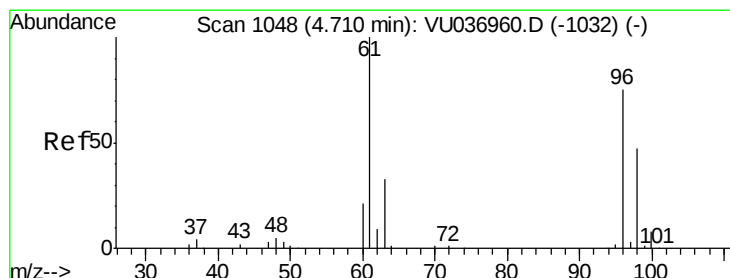
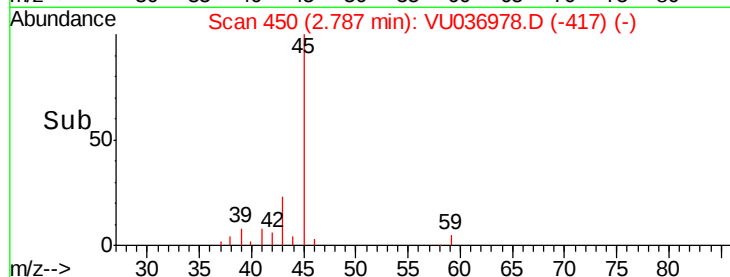
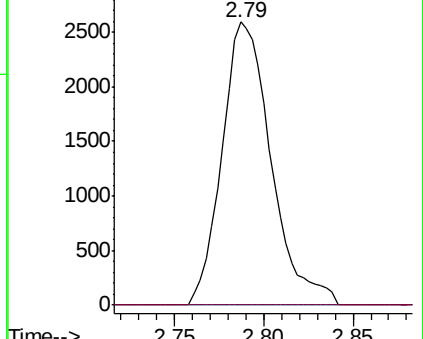
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036978.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036978.D (-417) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.856 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

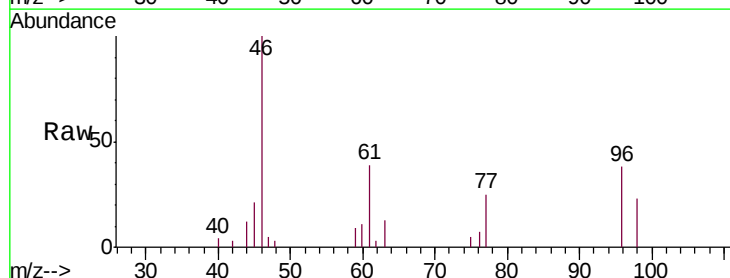
Tgt Ion: 96 Resp: 3598

Ion Ratio Lower Upper

96 100

61 102.8 93.1 172.9

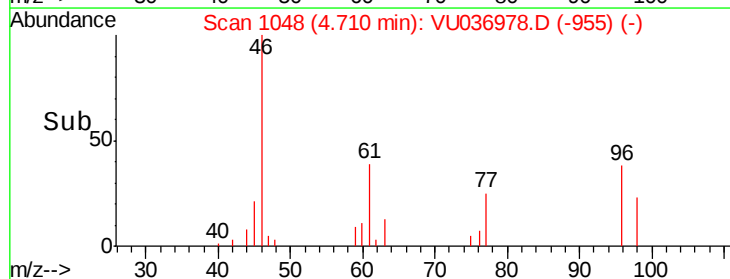
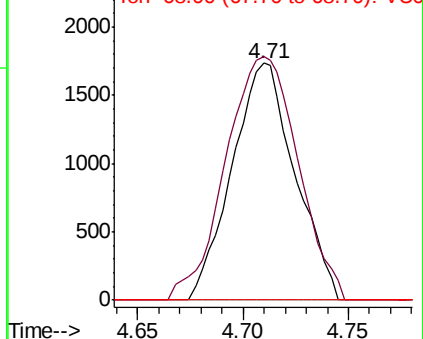
68 0.0 0.0 0.0

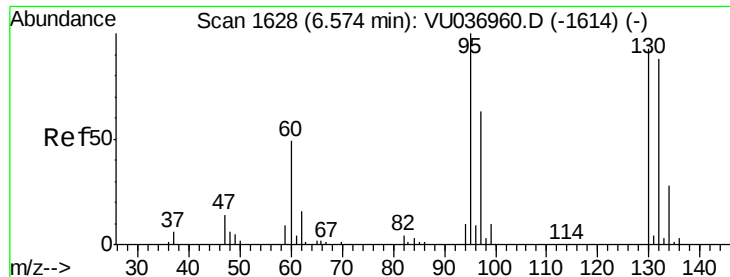


Abundance Ion 96.00 (95.70 to 96.70): VU036978.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU036978.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU036978.D (-955) (-)





#34

Trichloroethene

Concen: 21.923 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

C0XW4

Tgt Ion: 95 Resp: 39659

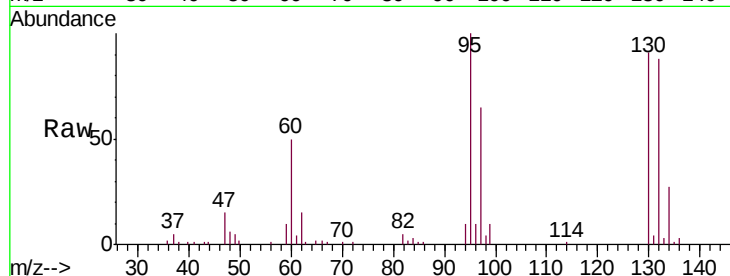
Ion Ratio Lower Upper

95 100

97 64.7 44.1 81.9

132 88.1 60.6 112.6

130 90.7 64.9 120.5

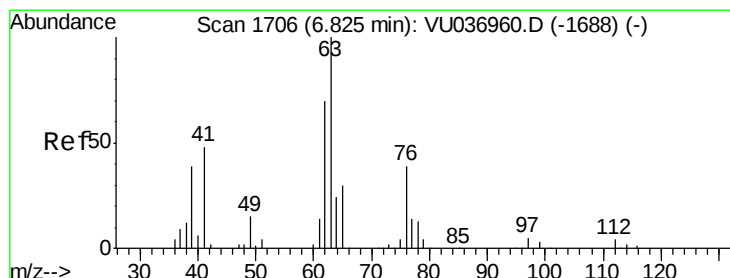
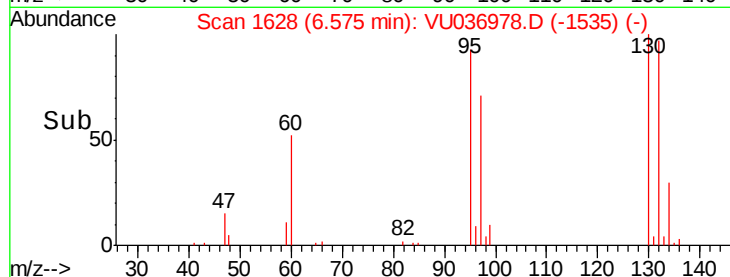
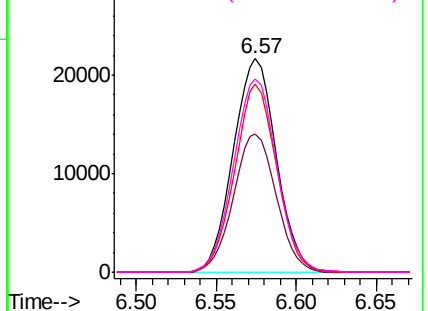


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.856 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036978.D

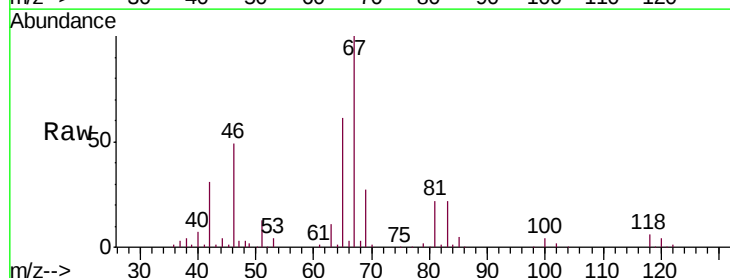
Acq: 28 Feb 2020 17:23

Tgt Ion: 63 Resp: 11605

Ion Ratio Lower Upper

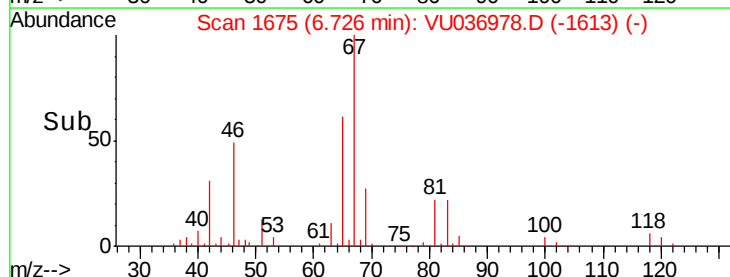
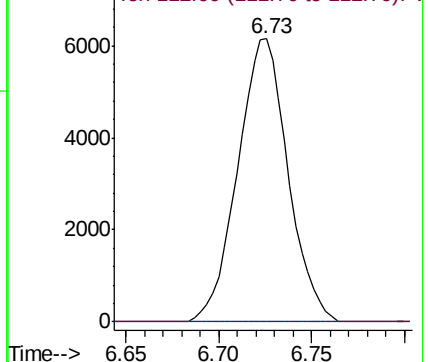
63 100

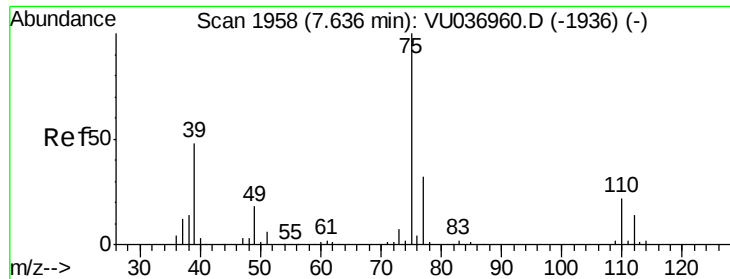
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

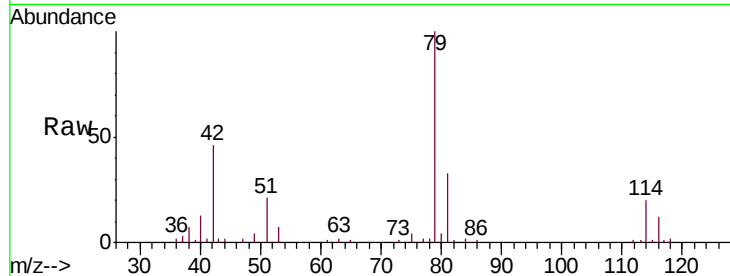
C0XW4

Tgt Ion: 75 Resp: 2977

Ion Ratio Lower Upper

75 100

77 51.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036978.D (-2158) (-)

Ion 77.00 (76.70 to 77.70): VU036978.D (-2158) (-)

7.59

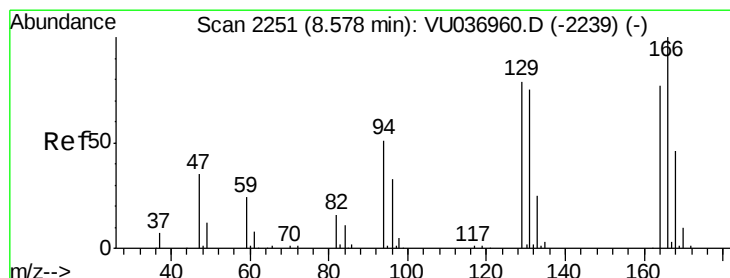
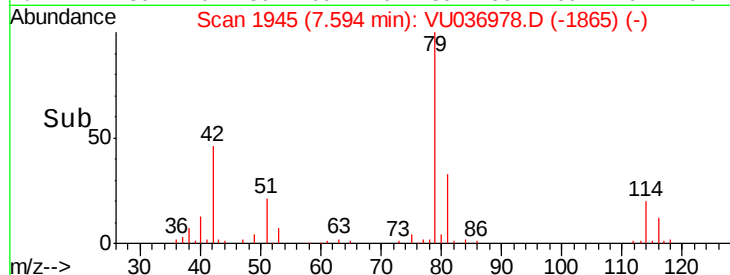
1500

1000

500

0

Time-->



#46

Tetrachloroethene

Concen: 27.539 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

Tgt Ion: 164 Resp: 32820

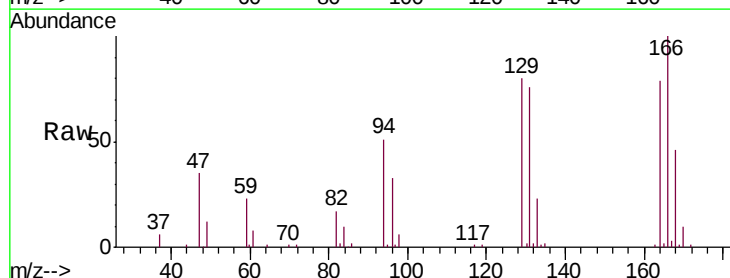
Ion Ratio Lower Upper

164 100

129 102.0 72.0 133.8

131 96.1 67.9 126.1

166 127.2 87.1 161.7



Abundance Ion 164.00 (163.70 to 164.70): VU036978.D (-2158) (-)

Ion 129.00 (128.70 to 129.70): VU036978.D (-2158) (-)

Ion 131.00 (130.70 to 131.70): VU036978.D (-2158) (-)

Ion 166.00 (165.70 to 166.70): VU036978.D (-2158) (-)

40000

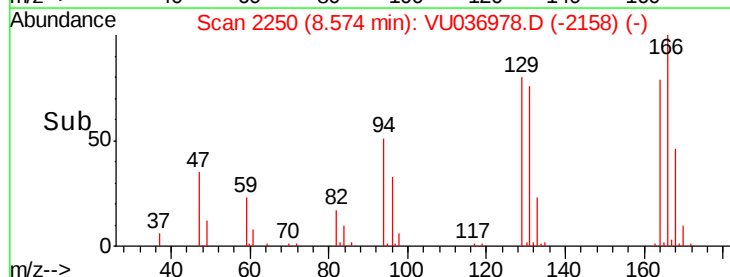
30000

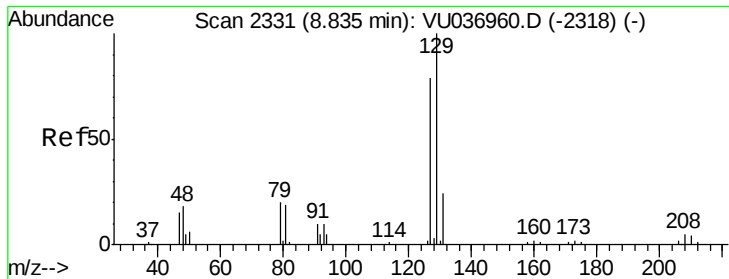
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10000

0

Time-->

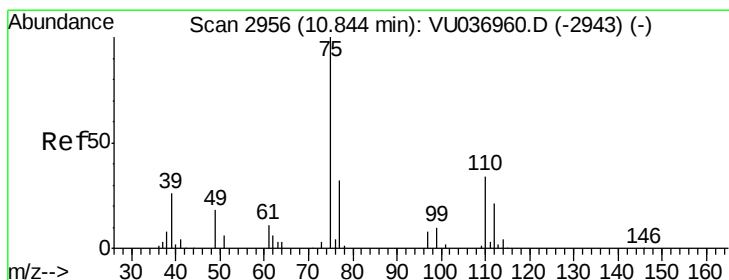
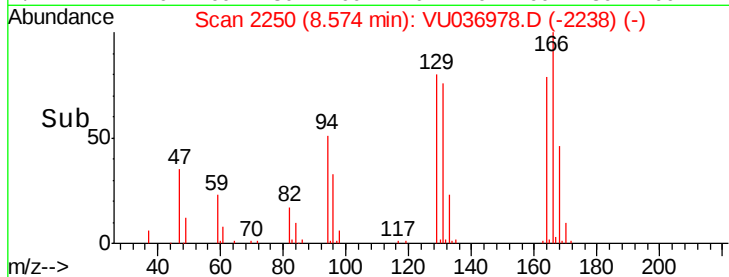
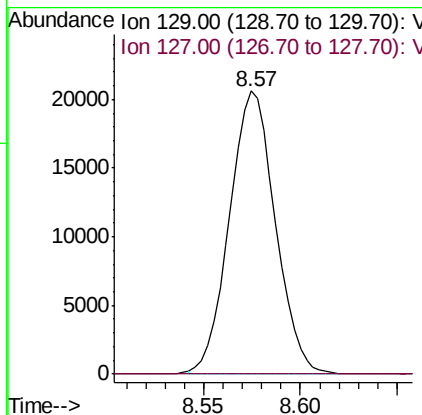
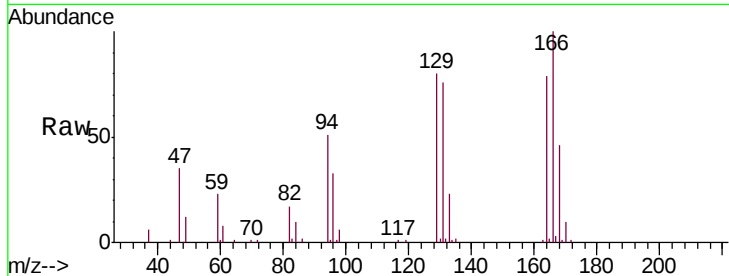




#49
 Dibromochloromethane
 Concen: 20.297 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU036978.D
 Acq: 28 Feb 2020 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW4

Tgt Ion: 129 Resp: 33952
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.3 100.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.120 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036978.D
 Acq: 28 Feb 2020 17:23

Tgt Ion: 75 Resp: 13053
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.2 39.2

