

Data File : VU036979.D
Acq On : 28 Feb 2020 17:46
Operator : JC/MD
Sample : L1730-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XW5

Quant Time: Feb 29 00:35:58 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	253687	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90221	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82321	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.93	69	77203	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	63	112390	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.67	46	148184	103.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	5.11	84	150361	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.74	65	104784	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.76	84	330575	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.72	67	108998	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.93	98	298898	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	8.20	79	45626	43.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.02%
47) 2-Hexanone-d5	8.66	63	107997	97.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153106	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	90488	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds

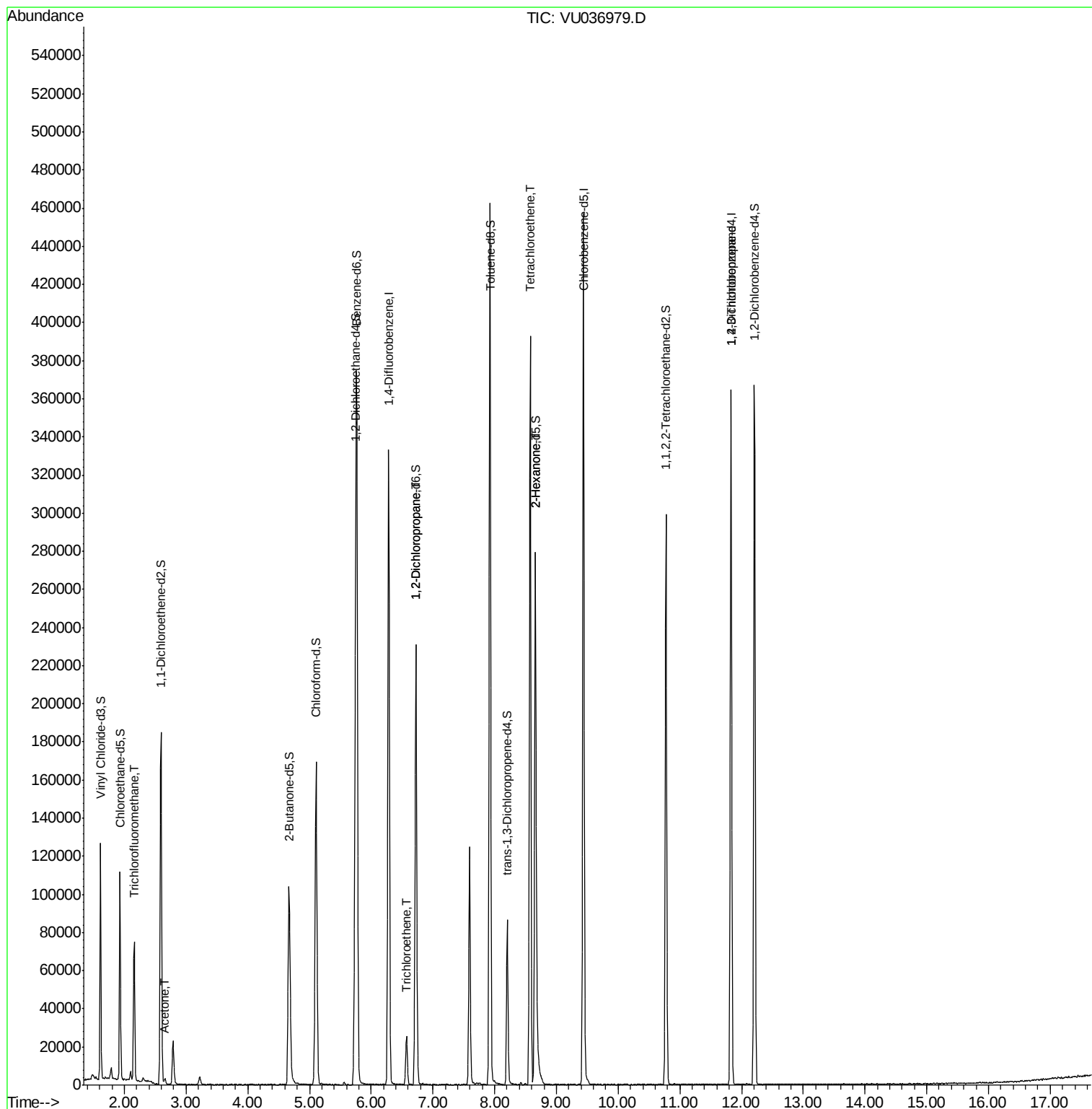
						Qvalue
9) Trichlorofluoromethane	2.16	101	44455	16.415	ug/L	98
13) Acetone	2.66	43	3090	2.102	ug/L	99
34) Trichloroethene	6.57	95	7829	4.186	ug/L	97
37) 1,2-Dichloropropane	6.72	63	11589	5.657	ug/L #	88
46) Tetrachloroethene	8.57	164	80619	65.440	ug/L	99
48) 2-Hexanone	8.66	43	12117	5.030	ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	13267	5.034	ug/L	94

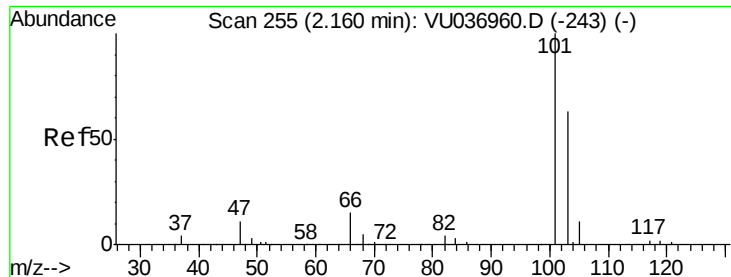
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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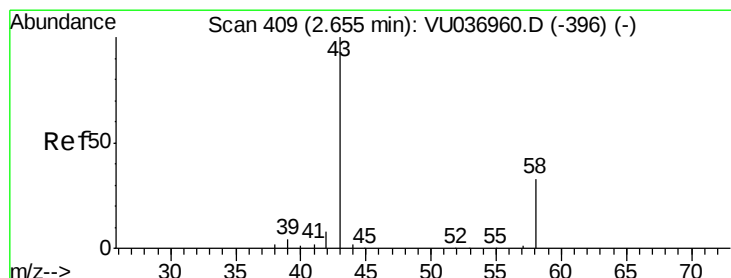
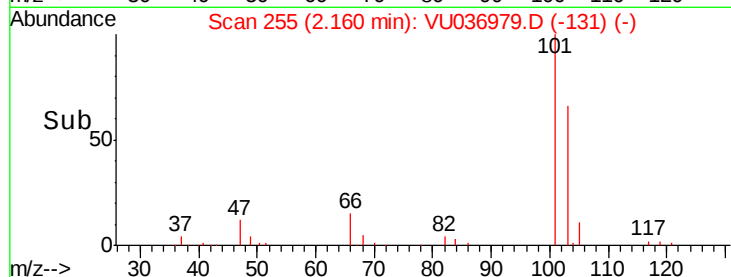
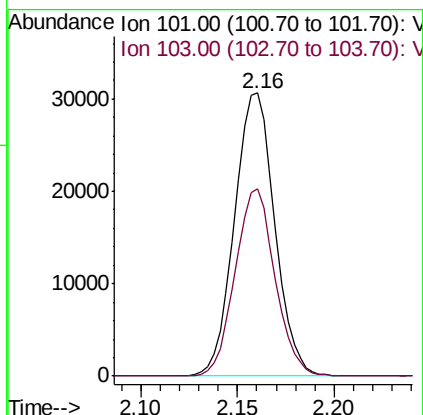
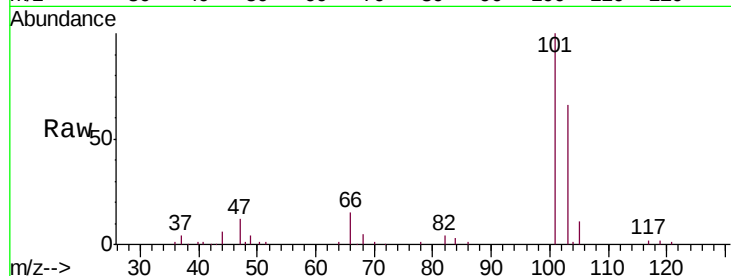


#9

Trichlorofluoromethane
 Concen: 16.415 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036979.D
 Acq: 28 Feb 2020 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW5

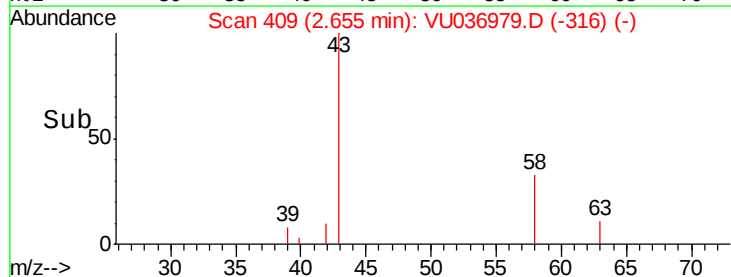
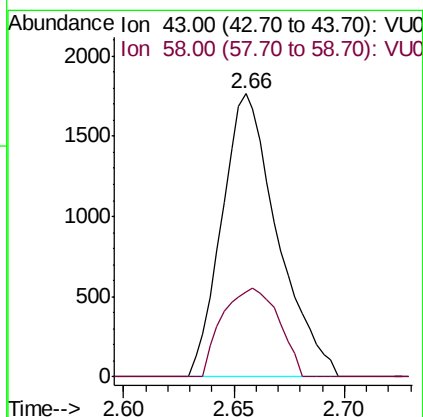
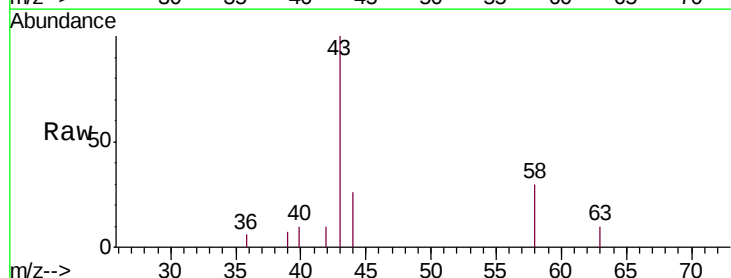
Tgt Ion: 101 Resp: 44455
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.9 76.3

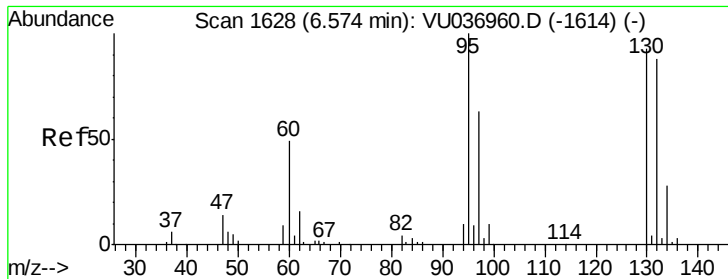


#13

Acetone
 Concen: 2.102 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU036979.D
 Acq: 28 Feb 2020 17:46

Tgt Ion: 43 Resp: 3090
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 64.6





#34

Trichloroethene

Concen: 4.186 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036979.D

Acq: 28 Feb 2020 17:46

Instrument :

MSVOA_U

ClientSampleId :

C0XW5

Tgt Ion: 95 Resp: 7829

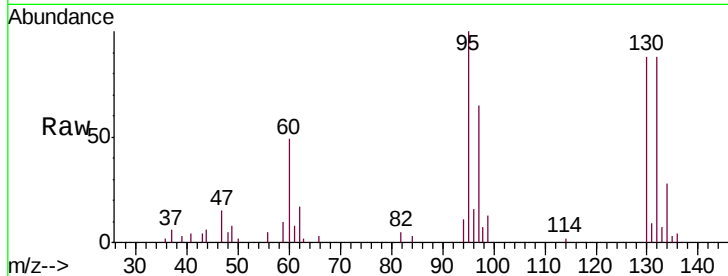
Ion Ratio Lower Upper

95 100

97 65.3 44.1 81.9

132 88.2 60.6 112.6

130 88.0 64.9 120.5

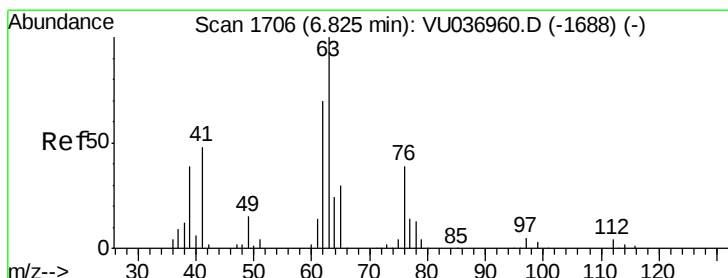
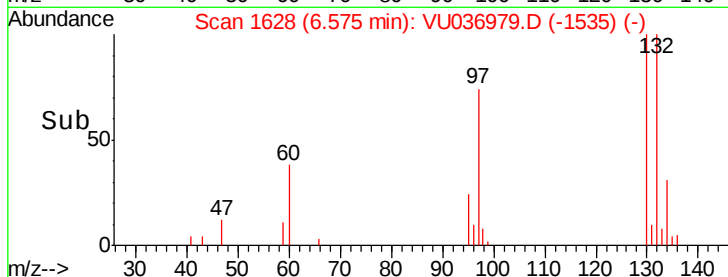
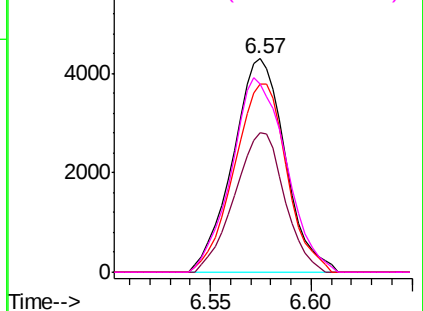


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.657 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036979.D

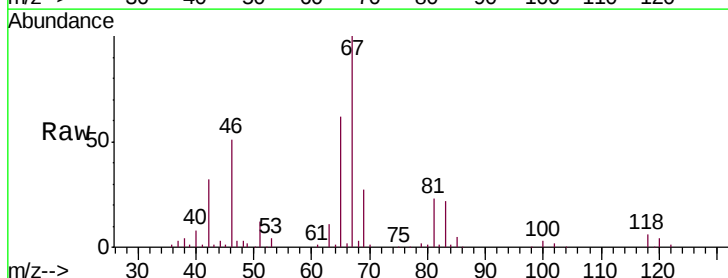
Acq: 28 Feb 2020 17:46

Tgt Ion: 63 Resp: 11589

Ion Ratio Lower Upper

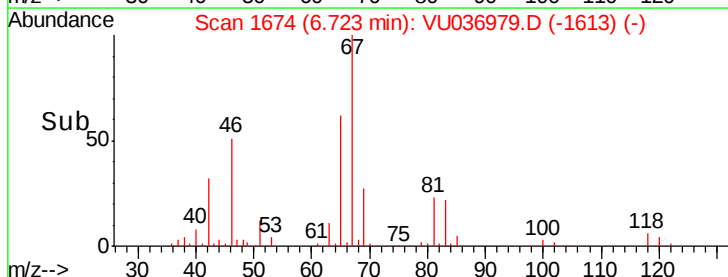
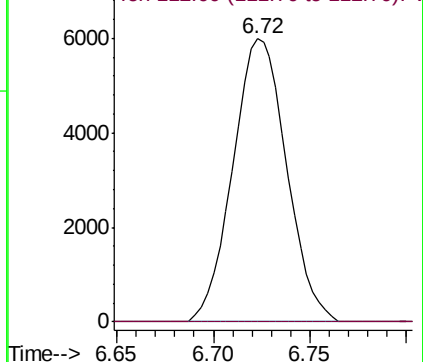
63 100

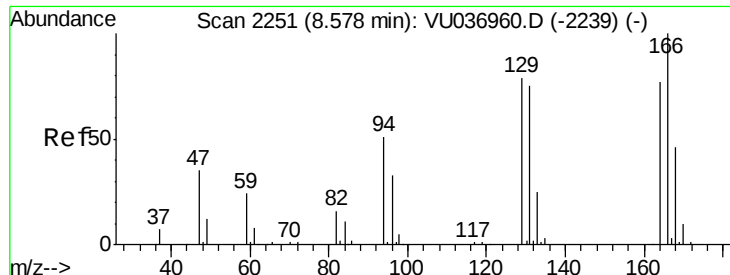
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 65.440 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036979.D

Acq: 28 Feb 2020 17:46

Instrument :

MSVOA_U

ClientSampleId :

C0XW5

Tgt Ion:164 Resp: 80619

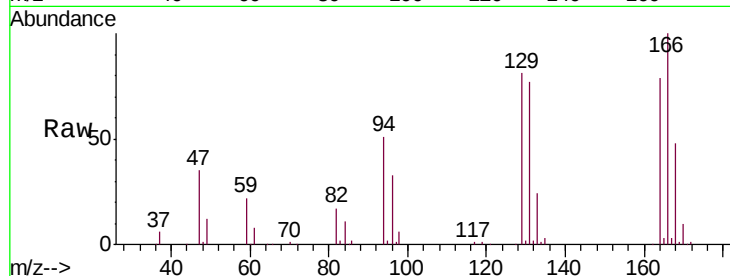
Ion Ratio Lower Upper

164 100

129 103.4 72.0 133.8

131 97.6 67.9 126.1

166 127.0 87.1 161.7

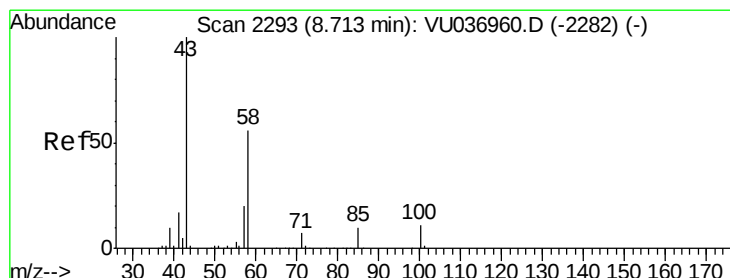
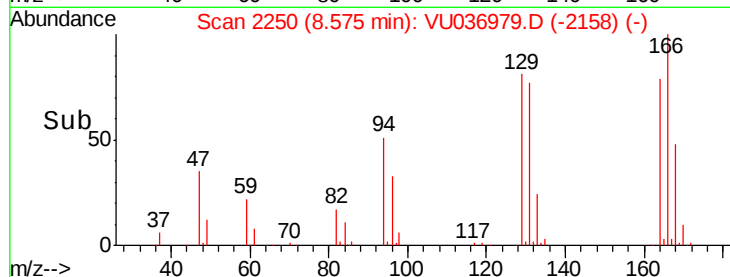
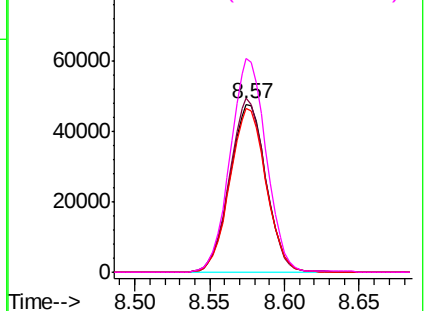


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.030 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU036979.D

Acq: 28 Feb 2020 17:46

Tgt Ion: 43 Resp: 12117

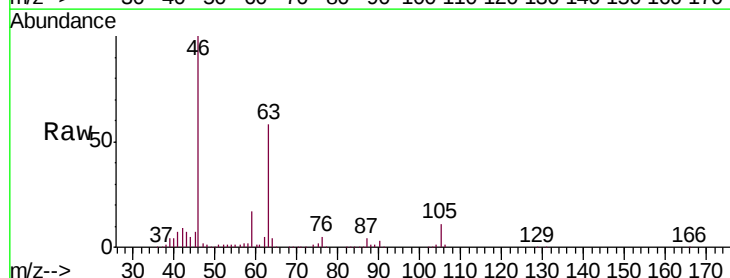
Ion Ratio Lower Upper

43 100

58 30.6 43.5 65.3#

57 29.2 15.1 22.7#

100 0.0 8.7 13.1#

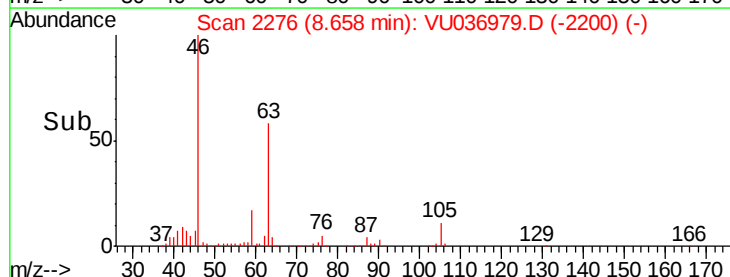
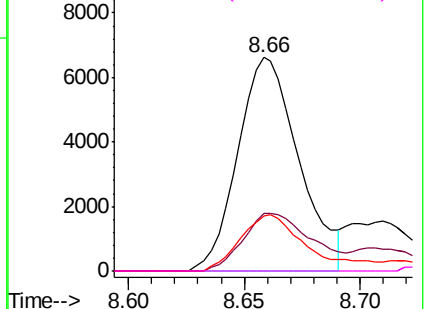


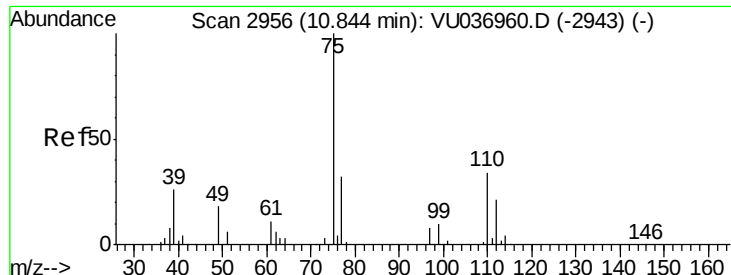
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.034 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036979.D

Acq: 28 Feb 2020 17:46

Instrument :

MSVOA_U

ClientSampleId :

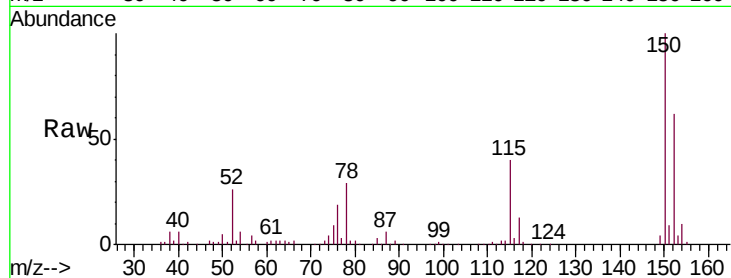
C0XW5

Tgt Ion: 75 Resp: 13267

Ion Ratio Lower Upper

75 100

77 35.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036979.D (-2334) (-)

